

**The Long-Term Impacts of Child Deworming in Kenya: Outcomes from the Kenya Life
Panel Survey Round 5 (KLPS-5), Visit 2**

Pre-Analysis Plan

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Appendix: KLPS-5 I+ Module Outcomes Table; KLPS-5 I+ Module Survey Instrument;
KLPS-5 I+ Module Data Management Note

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Summary: This document outlines the pre-analysis plan (PAP) for analyzing the long-term effects of a randomized school-based deworming program in western Kenya, using data from the fifth round of the Kenya Life Panel Survey (henceforth, KLPS-5). This complements two additional pre-analysis plans, evaluating the long-term effects of deworming on (1) respondents' cognitive ability and risk factors for Alzheimer's disease, and (2) respondents' children:

- “The Long-term Impacts of Child Deworming on Mid-life Cognition and Exposome Risk Factors for Alzheimer's Disease and Related Dementias in Kenya” (Miguel et al, 2023)
- “Estimating Causal Intergenerational Impacts of Parent Human Capital Interventions in Kenya using Kenya Life Panel Survey (KLPS) Round 5 Data” (Baird et al, 2025)

A third PAP using KLPS-5 data has also been filed, evaluating the effects of interventions aimed at encouraging parent-child reading and children's sleep practices:

- “Evaluating the Impact of Parental Shared Reading and Promoting Child Sleep in Kenya: Long-Run Experimental Evidence from the Kenya Life Panel Survey (KLPS)” (Bonds et al, 2025)

These PAPs are available in the [AEA RCT Registry](#). The analyses pre-specified here use analogous regression specifications to these PAPs, but consider an additional set of outcomes collected as part of the KLPS-5 I+ Module. These analyses will extend earlier results summarized in Baird et al (2016) and Hamory et al (2021), which analyzed the ten and twenty-year impacts of the program. KLPS-5 data collection began in 2023 and is expected to continue into 2026. The KLPS-5 C+ Module focused on cognitive ability, jobs, earnings, and social capital. The KLPS-5 Kids and Primary Caregiver (PC) Modules focused on the children of KLPS respondents. Data collection for the KLPS-5 I+ Module is currently ongoing, and no treatment effects have yet been estimated for outcomes in this survey.

In this document, we discuss outcomes of interest across ten domains: (1) education, training, and human capital; (2) health and well-being; (3) migration; (4) marriage and fertility; (5) ethnic and religious identity; (6) sleep; (7) economic preferences; (8) private behaviors; (9)

health behaviors; and (10) crime victimization. Our main analysis will focus on estimating treatment effects cross-sectionally in the KLPS-5 round; however, to examine dynamic effects and improve statistical power, we will at times incorporate data from earlier KLPS rounds. We commit to fully reporting the main analysis for these ten domains, though these may be presented across multiple papers. Additional analyses beyond what is pre-registered in this document may also be conducted. This document is therefore not meant to be comprehensive or to preclude additional analyses.

1. Introduction

1.1. *Experimental Design and Previous Work*

This section provides a brief summary of the experimental design and results from earlier data collection efforts; for further details, refer to Miguel and Kremer (2004) and Baird et al. (2016).

Between 1998 and 2001, 75 primary schools containing nearly 30,000 children in a rural district of western Kenya were phased into a deworming treatment program known as the Primary School Deworming Program (PSDP). All children attending the treatment schools received deworming medication twice a year to eliminate intestinal helminths. The program was implemented in phases: 25 schools were randomly assigned to begin treatment in 1998, another 25 in 1999, and the remaining 25 in 2001.

Previous studies examined the near-term, 10-year impacts, and 20-year impacts of this intervention. Miguel and Kremer (2004) reported significant increases in school attendance among treated children within 1–2 years of the program’s launch, along with positive spillover effects on children in nearby schools. In subsequent work, Baird et al. (2016) exploit the second round of a longitudinal dataset known as the Kenya Life Panel Survey (KLPS-2), which tracked a representative subset of 7,500 children with an effective tracking rate of 82.5%, in order to study the impacts of improved child health 10 years after the launch of the program. The authors find evidence of increased labor supply among men and education among women, with accompanying shifts in labor market specialization, and increases in meals consumed, as well as wage earnings.

Hamory et al. (2021) take advantage of two additional rounds of data collection (KLPS-3 and 4) to estimate treatment effects on economic outcomes up to 20 years later. The authors find

evidence that individuals who received two to three additional years of childhood deworming experienced a 14% gain in consumption expenditures and a 13% increase in hourly earnings. These individuals were also more likely to migrate from rural to urban areas and experience a 9% increase in nonagricultural work hours. These effects are primarily concentrated among males and older individuals. Additionally, Walker et al. (2023) report a significant reduction in under-5 mortality rates for children born to individuals from the treatment group. Ongoing work continues to analyze additional outcomes collected in KLPS-4.

The current data collection round, KLPS-5, continues to track the same sample of individuals from earlier waves. The KLPS-5 C+ Module was launched in January 26th, 2023, completed on February 16th, 2024, and collects a battery of cognitive assessments aligned with the Harmonized Cognitive Assessment Protocol (HCAP) as well as measures of the exposome, including key risk factors for Alzheimer's disease and related dementias (AD/ADRD). The KLPS-5 I+ Module, which covers the outcomes described in this plan, was launched on April 10, 2024 and is still ongoing. In conjunction with the I+ Module, a subset of 8 to 14-year-old children of KLPS respondents receive child assessments, and their caregivers are also surveyed.

1.2. Data Examined to Date

Data collection for the fifth round of the KLPS (KLPS-5) I+ Module began on April 10, 2024. In conjunction with this pre-analysis plan, the research team is registering a data management memo on the AEA Registry to outline who has had access to the KLPS-5 I+ Module data collected prior to the registration of this pre-analysis plan. The memo specifies that all KLPS-5 I+ Module data collected before the registration of any PAP would be compiled, organized, and stored by the field management team based in Busia, Kenya, led by Brenda Ochieng and George Ganda at Innovations for Poverty Action Kenya. To maintain the integrity of the research design, individuals working on this PAP have had no access to KLPS-5 data merged with deworming treatment status or treatment indicators for other interventions conducted in the KLPS sample. This pre-analysis plan was developed and reviewed only by researchers on the project who have not accessed any merged treatment status data in any way beyond observing participant tracking and survey rates, which are sometimes broken down by treatment status to ensure balanced follow-up rates.

As outlined in the next section, there are numerous papers and pre-analysis plans that cover data collected as part of KLPS-5 broadly, including the I+ Module specifically. Researchers involved in those studies have been granted access to the relevant portions of KLPS-5 I+ Module data only after filing their respective pre-analysis plans. Nonetheless, they have not received access to any deworming treatment indicators and thus have not conducted any analysis of treatment effects. Access to the KLPS-5 I+ Module data will only be provided to research team members involved in this pre-analysis plan after it is filed on the AEA RCT Registry; likewise, those involved in other pre-analysis plans will only receive treatment status indicators after this plan is filed.

1.3. Relation to other pre-analysis plans covering KLPS-5 data

The KLPS-5 activity is a complex data collection effort, with numerous pieces that will feed into multiple papers. A number of pre-analysis plans have been or will be filed covering different aspects of the activity. Many of these utilize similar specifications and build on a common experimental design. Each of these pre-analysis plans may be a stand-alone paper, or we may combine (or split) plans (or portion of plans) into a single paper. Below, we outline the other pre-analysis plans that also make use of KLPS-5 data:

- “The Long-term Impacts of Child Deworming on Mid-life Cognition and Exposome Risk Factors for Alzheimer’s Disease and Related Dementias in Kenya” (Miguel et al. 2023) – this pre-analysis plan focuses on cognitive assessments aligned with HCAP, as well as exposome measures, including key risk factors for AD/ADR. It was collected as part of the KLPS-5 C+ Module and does not include any data from the KLPS-5 I+ Module. The plan was filed with the AEA Trial Registry on November 9, 2023.
- “Estimating Causal Intergenerational Impacts of Parent Human Capital Interventions in Kenya using Kenya Life Panel Survey (KLPS) Round 5 Data” (Baird et al. 2025) – this pre-analysis plan examines intergenerational effects by looking at outcomes for kids of KLPS respondents, collected via surveys of primary caregivers and child assessments. The plan was filed with the AEA Trial Registry on April 24, 2025.

- “Evaluating the Impact of Parental Shared Reading and Promoting Child Sleep in Kenya: Long-Run Experimental Evidence from the Kenya Life Panel Survey (KLPS)” (Bonds et al. 2025) – this pre-analysis plan focuses on the demand for, and effects of, two interventions: (1) providing subsidized storybooks to children and information for parents on the importance of reading, and (2) distributing culturally relevant sleep materials and information on the benefits and importance of sleep. The plan was filed with the AEA Trial Registry on June 20, 2025.

This is not meant to preclude reporting results across different analyses or rearranging findings into papers, as it is difficult to know ex-ante how the results will relate to one another. This is especially true for this current pre-analysis plan, given the broad range of domains it covers. We also anticipate filing additional pre-analysis plans to address data collected in future rounds of KLPS-5.

2. Analysis

2.1. General Notes

The analysis specified in this document is based on Baird et al. (2019) and builds on it in two ways. First, the KLPS-5 I+ Module includes a broader set of measures that allows us to expand some of the domains that we are studying. Second, for outcomes collected as part of past rounds, the analysis will utilize the latest rounds of data (KLPS-3, KLPS-4, and KLPS-5) to expand the sample of tracked individuals and examine the evolution of outcomes over time.

This pre-analysis plan discusses the methodological approaches that will be used in the analysis, and the next section outlines the ten families of outcomes on which the analysis will focus. The KLPS-5 I+ Module survey instrument is included in the appendix to this document for reference.

2.2. Sample for Analysis²

As described above, the KLPS sample includes a representative subset of approximately 7,500 individuals who participated in the original PSDP. Approximately 1,500 of these individuals additionally took part in a vocational training voucher and cash grant program, which

² Much of this section is reproduced from Baird et al. (2019).

launched in early 2009, prior to the start of the KLPS-3 and KLPS-4 data collection rounds. Approximately three-quarters (1,070) of these individuals were randomly selected to receive either vocational training vouchers or cash grants (or both). In order to focus on the impacts of the deworming treatment intervention and not confuse findings with these other treatments, data for these 1,070 individuals will be dropped from the deworming analysis sample beginning in the wave where these treatments could have influenced outcomes. Specifically, those in the vocational training voucher program will be dropped when using the KLPS-3, KLPS-4, and KLPS-5 data, and those in the voucher program control group but cash grant treatment group will be dropped in KLPS-4 and KLPS-5 (the cash grant program was administered after KLPS-3). Because the voucher and grant winners and non-winners were selected randomly, the analysis will adjust the survey weights for individuals in the non-winner comparison group in order to maintain initial (baseline PSDP) population representativeness.

2.3. *Econometric Approach for Deworming Analysis*

2.3.1. *Approach #1: KLPS-5 cross-sectional methodology*

Our primary econometric approach will be a cross-sectional analysis of KLPS-5 data, in line with the approach of Baird et al (2016) and Hamory et al (2021). Our primary regression specification (where superscript “(1)” denotes the *first* econometric approach) is as follows:

$$Y_{ij} = \alpha^{(1)} + \lambda_1^{(1)} T_j + \lambda_2^{(1)} C_j + \lambda_3^{(1)} P_j + X'_{\{ij,0\}} \beta^{(1)} + \varepsilon_{ij}^{(1)}$$

where Y_{ij} denotes the outcome of individual i in school j . $T_j \in \{0, 1\}$ denotes the treatment status of school j and $C_j \in \{0, 1\}$ is an indicator for whether a school was designated as “cost-sharing” in later years of the PSDP. $P_j \in [0, 1]$ is the treatment saturation proportion among neighboring schools (i.e., within 6 km of school j) during the PSDP. Finally, $X'_{\{ij,0\}}$ is a vector of individual and school covariates, $\alpha^{(1)}$ is an intercept, and $\varepsilon_{ij}^{(1)}$ is an error term, also indexed by individual and school. In cases where the unit of analysis is the child or pregnancy, we will focus on the treatment status of the KLPS-5 respondent.

Following Baird et al (2016) and Hamory et al (2021), the vector $X'_{\{ij,0\}}$ will include a vector of baseline school characteristics, including average test scores, school population size, number of primary school students within 6 km, and an indicator for the administrative zone of the school. We will additionally control for individual-level characteristics, including gender and grade, at the launch of the PSDP. To address seasonality in outcomes, we will include survey month and KLPS wave fixed effects. Finally, we will include dummy indicators for whether an individual i was enrolled in the vocational training voucher or cash transfer control groups. Finally, to address missingness in covariates, we will follow Lin, Green, and Coppock (2025), imputing covariates to the overall mean. In cases where the covariate is missing for more than 10% of observations, we will include an indicator for missingness.

Unless otherwise specified, all regressions will be estimated via ordinary least squares (OLS). Estimates will further be weighted to maintain representativeness with the baseline PSDP population, taking into account the sampling for inclusion in the KLPS, the two-stage KLPS tracking methodology, and inclusion in the vocational training voucher and cash grant programs. We will present results for the full sample for all outcomes, although for several outcomes we will focus primarily on trimmed samples (for details, see below). Finally, for some outcome domains, the analysis will be conducted on the entire sample, as well as broken down by gender. We note exceptions to this when defining outcomes in the following section.

The primary hypothesis test will be a two-sided t -test of the significance of $\lambda_1^{(1)}$, the coefficient on the PSDP treatment indicator T_j against a null hypothesis of $\lambda_1^{(1)} = 0$ (i.e., no effect). The secondary hypothesis test will be an F -test on the joint significance of the coefficients on T_j , C_j , and P_j against the null hypothesis that all three coefficients are jointly equal to zero.

2.3.2. Approach #2: Multiple rounds

Our second approach (Approach 2) examines the evolution of treatment effects over time. It parallels the cross-sectional analysis described in Approach 1 but is implemented separately for each survey round (KLPS-2, KLPS-3, KLPS-4, and KLPS-5). In this analysis, we apply round-specific weights to each observation. While this is not our primary statistical approach, it offers valuable complementary information on the dynamics of impacts over the long term.

Depending on the research question and the respondent age ranges most relevant to it, we may pool data across all, or a subset of, KLPS rounds.

2.4. *Heterogeneous effects*

As noted above, we estimate effects separately by gender and will statistically test for gender differences by interacting treatment status with a gender indicator. In addition to gender, we will estimate heterogeneous treatment effects by age (i.e., whether the respondent is above or below the median age in the sample). Finally, we may conduct exploratory heterogeneity analyses along dimensions such as urban vs. rural status, parental educational attainment, and baseline PSDP standard (i.e., grade), or other relevant factors.

2.5. *Multiple Testing Adjustment*

For the main coefficient estimate of interest (λ_1 in equations 1 and 2 above for the deworming analysis), the analysis will present two sets of p-values. The first is standard “per comparison” *p*-values. These are appropriate for a researcher with an *a priori* interest in a specific outcome. For instance, researchers interested in the impact of deworming treatment on anxiety should focus directly on this *p*-value. Second, to account for multiple hypothesis testing, we will also report False Discovery Rate (FDR) adjusted *q*-values within each domain of pre-specified primary outcomes. These control the expected proportion of Type I errors among rejected hypotheses within each domain. We will compute these FDR-adjusted *q*-values separately for each empirical approach (Approaches 1, 2, and 3), following the methodology described in Anderson (2008), Casey et al. (2012), and the references therein.

As noted previously, the grouping of outcome domains into specific papers may vary. If multiple domains from this pre-analysis plan are combined in a single paper, we will additionally report FDR-adjusted *q*-values across all primary outcomes from the domains included in that paper. We view this as a reasonable approach, as outcomes from distinct domains (e.g., health and religious identity) are unlikely to be of equal interest to the same research audience or featured in the same analysis.

Some of our outcomes are constructed as indices of multiple variables. When we disaggregate and report individual components of an index, we will also report FDR-adjusted *q*-values across the index components. Similarly, when testing for heterogeneous treatment

effects, we will apply an analogous multiple-testing correction across the interaction terms within each domain.

2.6. *Tracking and Attrition*

The causal interpretation of the treatment effects discussed above will be jeopardized if attrition varies meaningfully across groups. Though it is impossible to evaluate whether attrition is truly “random,” we can evaluate whether it varies along observable dimensions. Therefore, we plan to provide evidence from several empirical exercises on the balance of attrition across different groups.

First, we will report effective tracking rates for study participants across treatment arms and genders. Differences across these groups could provide *prima facie* evidence of non-random attrition. Second, we will estimate using baseline covariates whether those found and not found in the KLPS-5 I-Module tracking exercise differ using standard two-sample *t*-tests. In particular, we will assess balance based: (i) assignment to deworming treatment (groups 1 and 2) and control (group 3), directly interacted with gender and (ii) gender itself. Should differential attrition be present, we will conduct additional exploratory analyses in an effort to understand the particular observable characteristics driving differential attrition.

If rates of attrition appear to differ across treatment and control groups, we will investigate the robustness of our primary results in several ways. In particular, we will: (1) reweight estimates to account for attrition (i.e., with inverse probability weighting); (2) compute upper and lower bounds on treatment effects, following from Lee (2009); and (3) present adjustments in line with the techniques of Kling and Liebman (2004). In particular, for the IPW approach, we will estimate and implement attrition propensity weights, first running a probit regression predicting presence in the sample with the covariates noted in this section and their interaction with treatment, and then weight outcomes by the product of the sampling weights and the inverse of this follow-up success probability. When following the Lee (2009) approach, we will present the lower and upper bound estimates, trimming the tails of the distribution to generate the same observed attrition rates in both treatment arms. When following Kling and Liebman (2004), we impute the missing observations to the mean within that treatment arm plus or minus 0.1 times the arm-specific standard deviation and plus or minus 0.25 times the standard deviation. For the lower bounds, this amount is subtracted from the treatment and added to the

control, and for the upper bounds, this is reversed. This is an area of active research in applied econometrics; therefore, we are also open to adopting new approaches beyond those specified here should new methodological developments occur before data are analyzed.

3. Main Outcomes

This section presents the primary and secondary outcomes of interest for each of the following domains: (1) education, training, and human capital; (2) health and well-being; (3) migration; (4) marriage and fertility; (5) ethnic and religious identity; (6) sleep; (7) economic preferences; (8) private behaviors; (9) health behaviors; and (10) crime victimization.

3.1. Education, Training, and Human Capital

Baird et al. (2016) find evidence of increased educational attainment ten years after the deworming program, with males completing more years of primary school and females more likely to have attended secondary school. Although education remains an important outcome of deworming, most respondents had already completed their schooling by the time of KLPS-4. The same holds true for KLPS-5. As a result, while we continue to track two education-related outcomes from the previous wave for consistency, they are now considered secondary. The primary purpose of this wave is to supplement earlier rounds.

The two continued education outcomes are: (1) the highest level of academic schooling attended, measured as the number of years corresponding to the highest level of primary, secondary, college, or university completed; and (2) total years of education attended, which includes the above plus any years of vocational training or Bible college.

In addition, we introduce two new secondary outcomes. First, we look at Generalized Self-Efficacy, which captures higher-order cognitive processes such as self-reflection, metacognition, and causal reasoning — abilities that allow individuals to assess their capabilities and regulate motivation and behavior. We define this outcome by calculating the total score as the sum of all item responses. However, it is worth noting that self-efficacy may also be influenced by emotional and physiological states. Second, we examine the share of siblings who pursued education beyond the secondary level to assess potential spillover effects from deworming through intra-household resource reallocation. We will weigh each observation by the number of siblings, and drop any respondents without siblings from the analysis. Since

younger siblings appear (speculatively) to be more likely to be affected by the program, this subgroup may be of particular interest. A caveat, however, is that some siblings may have received the deworming treatment themselves, which may complicate interpreting the observed effects as a pure spillover effect.

3.2. Health and Well-being

The KLPS-5 I+ Module collects rich data on physical and mental health, including many new measures unavailable in previous KLPS rounds. This section discusses these variables, including eight primary and eight secondary outcomes.

Following previous KLPS PAPs, our first primary outcome will be an indicator for whether the respondent reports their health status as “good” or “very good.” We will also consider a dummy indicator for hypertension, constructed by averaging three blood pressure measurements taken in the field, and classifying the respondent as hypertensive if their systolic or diastolic blood pressure exceeds 140 or 90 mmHg, respectively. We will also consider two additional primary physical health measures: dummy indicators for whether the respondent is classified as overweight (with BMI above 25) or underweight (with BMI less than 18.5) (CDC, [2024](#)). Field conditions were at times suboptimal, owing to difficulties measuring weight in rural areas, where surveys are often conducted outside and level surfaces are often not available for placing scales. Therefore, we will also evaluate sensitivity to BMI cutoffs and consider BMI *percentile* as a secondary outcome.

Outside of these physical health outcomes, we will consider four primary measures of mental health. Our first variable will be overall life satisfaction, measured on a discrete scale from 1 to 10. Our second will be a measure of self-reported happiness, defined as an indicator for whether the respondent reports being “very” or “somewhat” happy. Our third and fourth outcomes will be scales measuring respondents’ levels of anxiety and depression, following survey modules validated in other settings. Our measure for depression will be a ten-item Center for Epidemiologic Studies Depression Scale (CES-D), scored on a discrete scale from 1 to 30, where higher values indicate more symptoms of depression (for details, see Radloff, 1977). Our measure for anxiety will be a 21-item Beck Anxiety Inventory (BAI), again where higher scores indicate more symptoms of anxiety (for details, see Beck 1988).

Aside from these primary outcomes, we will consider seven additional secondary outcomes. The first will be a dummy indicator taking value 1 if the respondent self-reports ever having experienced being diagnosed³ with a major health problem. We will further report treatment effects on three indices of disability, constructed from the Washington Group Short Set on Functioning (WG-SS) and the respondent's ability to carry out activities of daily living (ADL) and instrumental activities of daily living (IADL). For the latter two of these indices, we will sum the number of activities the respondent has difficulty doing because of health or memory problems. For the WG-SS, we will estimate the effects on a dummy indicator taking value 1 if the respondent experiences at least some difficulties with at least one of the activities. These measures have broad recognition and are used widely in the literature on disability and aging. A recent comment in *The Lancet Global Health*, for example, observed that the WGSS has received “a growing body of endorsements” from experts at the UN World Data Forum, UN Commission, and Interagency and Expert Group on Sustainable Development Goal Indicators (Groce and Mont, 2017).

These outcomes were collected in an effort to establish a mid-life baseline for respondent disability. We recognize that since respondents are not yet in old age, variation on these variables may be limited. Because of this, we choose to register them as secondary, in recognition that their importance might increase in future KLPS rounds.

We will additionally evaluate the effects on two more secondary outcomes: (1) an indicator for abdominal obesity, defined as waist circumference exceeding 81.2 cm for men and 81.0 cm for women⁴, and (2) a measure of grip strength, averaged across three measures from the dominant hand. Grip strength in particular has been highlighted as a valuable biomarker for aging (Bohannon, 2019). Therefore, as with disability measures, we expect its importance to increase in future rounds of the KLPS.

We note that the KLPS-5 I+ Module also collects dried blood spots (DBS) from respondents that consent to participate in this aspect of data collection. At this time, DBS

³ In particular, this includes diagnosis for hypertension, diabetes, COPD or lung disease, heart problems, stroke, arthritis or rheumatism, asthma, emotional, nervous, or psychiatric problems, memory-related disease, high cholesterol, osteoporosis, liver disease, stomach or digestive diseases, Parkinson's disease, peptic ulcer disease, kidney disease, anemia, cancer, or tuberculosis

⁴ There is no internationally agreed-upon standard for measuring abdominal obesity in Sub-Saharan African populations; however, Ekoru et al (2018) suggest these thresholds as optimal for detecting cardiometabolic risk.

samples are being collected and stored in freezers; we anticipate pre-specifying DBS measures in the future.

3.3. Migration

Following previous waves, we focus on three primary migration outcomes. First, we use an indicator equal to one if the respondent has ever lived outside of Busia County as of the time of the survey. When constructing this outcome, we make use of past KLPS survey rounds. Second, we use an indicator equal to one if the respondent has ever lived in an urban area, which we define broadly to include both towns and cities. Third, we use an indicator equal to one if the respondent has ever lived in Nairobi, Mombasa, or Kampala, the three major cities closest to our study area.

In addition, given the longer-term tracking of respondents' migration histories in this round, we introduce two secondary outcomes: (1) total time spent in an urban area; (2) total time spent in the major urban areas of Nairobi, Mombasa, or Kampala.

3.4. Marriage and Fertility

We have two primary outcomes for fertility: (1) the total number of pregnancies and (2) a pregnancy-level indicator for miscarriage. We analyze the first outcome at the respondent level. When we analyze the indicator for miscarriages, we will use a probit specification to look at the miscarriage variable at the pregnancy level, with the outcome variable being an indicator equal to one for pregnancies that end in miscarriage. We include pregnancies captured as part of earlier survey rounds in this analysis as well. For this domain, our primary outcomes are for female respondents; we may report results separately for males, but consider these to be of secondary interest.

As secondary fertility outcomes, we examine: (1) an indicator for adolescent pregnancy, defined as having given birth at or before age 19, following the WHO (2004) convention; (2) an indicator for pregnancies ending in either miscarriage or stillbirth; (3) an indicator for seeking antenatal care from a hospital or clinic during pregnancy; and (4) the inter-birth interval. The inter-birth interval is measured as the median number of completed months between the delivery of one live birth and the next, excluding the first birth. As an additional outcome, we also include an indicator for ever having had an inter-birth interval of 24 months or less, in accordance with

WHO (2006) guidelines. The miscarriage/stillbirth and antenatal care indicators are analyzed at the pregnancy level, while inter-birth interval and adolescent pregnancy outcomes are analyzed at the respondent level.

We also include several secondary outcomes related to marriage and child health. For marriage, we examine: (1) an indicator for early marriage, defined as marriage before the age of 18, following the UNICEF (2023) convention; (2) the number of marriages; (3) an indicator for whether the respondent has ever had a co-wife in any of her marriages; and (4) an indicator for whether she has ever been divorced or separated. We also include several variables based on the respondent's first marriage: (1) a Marital Autonomy Index, calculated as the sum of three items — whether the respondent reported feeling ready to marry (versus wishing she had waited), whether she made the decision to get married (versus someone else deciding), and whether she chose her own spouse (versus someone else choosing); (2) an indicator for whether any bride price was paid, and (3) the amount of bride price paid to date, with those reporting no bride price or an agreement not to pay coded as zero; and (4) an indicator for formal marriage, defined as either a religious or civil marriage. For these outcomes, as a robustness check, we will use measures based on the respondent's current spouse. Respondents who have not yet been married are excluded from this analysis.

For child health, our measures are closely aligned with those used in Fernald et al. (2019), which draws on the KLPS-Kids data collection. KLPS-Kids in Round 5 surveyed the primary caregivers of a subset of 8 to 14-year-old children of KLPS respondents and conducted direct assessments with these children. However, results presented here — based on the I+ Module data — may differ from those using KLPS-Kids data, as the I+ Module captures all children of respondents. With I+ Module data, we examine (1) an indicator for whether respondents self-report their child's health status as good or very good; (2) an indicator for under-five mortality; and (3) indicators for school participation: for children 4 or under, we use an indicator equal to one if the child is attending an ECD program, while for children over 5, we include an indicator for those that attended school last week (or the last week school was in session). All variables are analyzed at the child level.

3.5. Ethnic and Religious Identity

Following previous waves, we assess the importance of religious identity and ethnic identity to respondents as two primary outcomes, using a three-point scale: very important, somewhat important, and not at all important.

As secondary outcomes, we look at an indicator for whether or not the respondent attended church/mosque last week. We also construct a religious/spiritual belief intensity score, coded as 1 for each affirmative response to a series of items reflecting charismatic religious experiences and spiritual beliefs such as belief in divine healing, prophecy, spiritual manifestations during worship, and faith-based expectations of health or material prosperity. The total score is calculated by summing across all coded items. Outside of these secondary outcomes, we may conduct additional secondary analyses, building on results from earlier KLPS rounds presented in Alfonsi et al (2024).

3.6. Sleep

One primary and two secondary outcomes related to the respondent's sleep habits. Our primary outcome will be the respondent's *total sleep time*, constructed from their self-reported (1) time in bed; (2) waking hours during the night; (3) sleep latency; and (4) daytime naps. As secondary outcomes, we will consider respondents' *night sleep time*, excluding any daytime naps, and sleep efficiency, defined as the share of time in bed spent actually sleeping.

3.7. Economic Preferences

The KLPS-5 I+ Module collected detailed data on respondents' economic preferences using a variety of lab-in-the-field games. We are interested in whether deworming — and its associated shock to incomes and human capital in adulthood — affects these variables. We will consider five primary outcomes. First, we will consider a measure of the respondent's competitiveness, defined as how important — on a scale from 1 to 10 — the respondent believes it is to be competitive to attain success.

Next, we will consider measures of time and risk preferences, following Falk et al (2018) and the experimental validations presented in Bauer et al (2020). Our measure of patience will be a discrete index from 1 to 33, with each value representing the approximate amount of money the respondent would need to receive in 1 month to be indifferent between the transfer and 300 KSh delivered immediately. Our measure of risk aversion will be a similar index, where each value

instead represents the sure payment necessary for the respondent to be indifferent between the transfer and a 50/50 lottery of 0 and 900 KSh. For both our time and risk preference measures, we will estimate effects both using the original data and dropping the most risk-averse and impatient groups, who may select their options because of gambling aversion or acute liquidity constraints. Our third primary outcome will be an indicator for ambiguity aversion that takes value 1 if the respondent prefers to draw balls from a bag with sure probabilities, rather than one with ambiguous probabilities. All three of these outcomes are constructed using *incentivized* exercises, where respondents receive payouts based on their choices in one randomly selected behavioral game.

The final primary outcome variable will be an index of the respondent's prosociality, constructed by computing and averaging a respondent's *z*-score across 7 different dictator games. In particular, the consumer will decide (out of 160 KSh), how much to donate to (1) an anonymous individual; (2) an in-group individual; (3) an out-group individual; (4) an anonymous charity; (5) an in-group charity; (6) an out-group charity; and (7) a thank you gift, granted to a hypothetical stranger who foregoes 100 KSh in earnings to help the respondent. As secondary outcomes, we will consider similar indices, constructed using just the outcomes indicating "in-group" and "out-group" prosociality.

3.8. Private Behaviors

In this section, we will discuss outcomes related to sexual activity and domestic violence. We will examine two primary outcomes: (1) a continuous measure for the respondent's age of first sexual intercourse, and (2) an indicator for ever having used a modern method of birth control (i.e., condoms, pills, injectables, IUDs, and coils).

As our secondary outcomes, we will consider several different forms of self-reported domestic violence and abuse. First, we will consider dummy indicators for whether the respondent has been sexually assaulted or had a partner hurt them or those close to them in the last twelve months⁵. Second, we will consider a dummy indicator for whether the respondent or another adult member of their household has beaten a child living in the household within the last 14 days. Finally, we will consider an indicator that takes value 1 if the respondent has

⁵ In particular, physical violence is defined as a partner hitting, slapping, kicking, or physically hurting the respondent or someone close to them.

experienced at least one of five different forms of emotional abuse in the last twelve months.⁶ As for other indices, though not explicitly pre-registered, we will also consider individual components of this indicator to explore which forms of emotional abuse drive overall effects, if we detect any.

3.9. Health Behaviors

Past analyses of KLPS data have found that additional years of childhood deworming had substantial effects on the health of respondents and their children (Baird et al, 2016; Miguel and Kremer, 2004; Walker et al, 2023). Therefore, of primary importance are the long-term effects of the intervention on health behaviors and investments. This section discusses these measures, including one primary and eight secondary outcomes. Our primary outcome is a dummy indicator that takes value 1 if the respondent has any health insurance coverage. We consider this outcome to be an important measure of respondents' degree of interaction with healthcare systems; however, we also acknowledge that the effects of deworming on it may be theoretically ambiguous. Previous work shows that additional years of deworming cause respondents to have higher incomes and educational attainment twenty years later (Baird et al, 2019). Therefore, if health insurance is a normal good, then we would expect deworming to have positive effects. In contrast, respondents may be more likely to seek out insurance if their health status is worse, suggesting countervailing effects.

Similar concerns apply to our first secondary outcome, healthcare expenditure over the past 12 months, which also serves as a useful summary measure of engagement with the healthcare system. Aside from healthcare expenditure, our remaining secondary outcomes are dummy indicators for whether the respondent: (2) slept under a bednet the previous night; (3) has received a vaccination in the previous two years; (4) has at least one child who has received a vaccination; (5) has a child who slept under a bednet the previous night; (6) is a regular or recent tobacco user; (7) has drank heavily more than once per month on average in the past three months; and (8) has received any health screenings (i.e., cholesterol tests, colon cancer screenings, breast exams, mammograms, pap smears, prostate exams) in the previous two years.

⁶ In particular, whether the respondent has been (1) insulted, made to feel bad about themselves, or humiliated in front of others; (2) threatened or had someone close to them threatened with harm; (3) kept from getting a job, going to work, trading, or earning money; (4) deprived of their earnings against their will; or (5) disallowed from leaving to house or seeing relatives and friends.

3.10. Crime Victimization

We are interested in the long-term effects of deworming on two outcomes related to crime victimization. The first, our primary outcome measure, will be a dummy indicator for whether the KLPS respondent self-reports being the victim of any crime in the last twelve months. Specifically, this indicator will take the value 1 if the respondent reports that someone has stolen or attempted to steal livestock, household or personal items, or cash from them; has committed an assault (armed or unarmed) against them; has targeted them with witchcraft; has committed arson; or has attempted any other crime against them. Though not explicitly pre-registered, we may also consider treatment effects on components of this index independently, understanding which, if any, classes of crime are driving overall effects. The secondary outcome measure for crime victimization will be an indicator for whether the respondent replies that they are “somewhat” or “very” worried about crime and safety in their neighborhood.

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Table 1: Main Domains and Outcomes

Outcome	Index Components	Survey Question(s)		Notes to write into PAP	Notes			
		KLPS-5 I Module	KLPS-4 I Module					
Domain 1: Education, Training, and Human Capital								
Secondary Outcomes								
Highest level of academic schooling attended		13.1.1, 13.1.7	13.1, 13.7	Education has been a key outcome for deworming. However, since most respondents had completed their schooling by KLPS4, this KLPS5 wave primarily serves as an amendment to the earlier rounds.	Number of years corresponding to the highest level of primary, secondary, college or university schooling attended. Include information from previous KLPS rounds where necessary.			
Total years of education attended		13.1.1, 13.1.7	13.1, 13.7		Highest level of academic schooling attended plus years of vocational training / bible college attended. Include information from previous KLPS rounds where necessary.			
Generalized Self Efficacy		5.4		Self-efficacy reflects higher-order cognitive abilities like self-reflection, appraisal, metacognition, and causal reasoning that allow individuals to evaluate their own capacities and regulate their motivation and behavior accordingly, although it can be influenced by emotional and physiological states.	Calculate the total score by summing all item responses.			
Siblings' highest level of education		13.4.4.10		Given that deworming is more likely to affect younger siblings, it may be of interest to some researchers to examine the effects specifically on this subgroup. A caveat, however, is that some siblings may have received the deworming treatment themselves.	To test whether deworming has spillover effects on siblings' outcomes through intra-household resource redistribution—for example, if treating one child reduces education or medical expenses, freeing up resources that can be allocated to other children in the household.			
Domain 2: Health and Well-Being								
Primary Outcomes								
Indicator for self-reported health status is good or very good		6.1, 6.2	16.9, 16.10		Coded as one if very good or good, respectively, and zero otherwise.			
Overweight	Weight	16.1a		Non-optimal field conditions; scales often not precise, unlevel surfaces, particularly in rural areas. Check sensitivity to cutoffs	Dummy indicator for BMI > 25 (CDC, 2024)			
	Height	16.2a						
Underweight	Weight	16.1a		Non-optimal field conditions; scales often not precise, unlevel surfaces, particularly in rural areas. Check sensitivity to cutoffs	Dummy indicator for BMI < 18.5 (CDC, 2024)			
	Height	16.2a						

CES-D		5.1.a-j	20.1.a-j	As a primary outcome, we use the 10-question CES-D scale to assess depression, where higher values represent increased depression (and thus worse outcomes). As a secondary outcome, we construct a binary indicator equal to one if CES-D > 10, following Andresen et al. (1994); the inclusion of this indicator may be of particular interest to some researchers.	Calculated by finding the sum of 10 items (excluding missing and don't know). Do not score the form if more than 2 items are missing. Any score equal to or above 10 is considered depressed. Items 20.1.e and 20.1.h are reverse coded such that higher values correspond to greater depression.
Anxiety		5.3.1-21		As a primary outcome, we use the 21-item Beck Anxiety Inventory (BAI) to assess anxiety symptoms, where higher scores indicate greater levels of anxiety (and thus worse outcomes). As a secondary outcome, we construct a binary indicator for mild anxiety equal to one if BAI > 7, following Beck et al. (1993).	Each item is rated on a 4-point scale ranging from 0 ("Not at all") to 3 ("Severely"), with total scores ranging from 0 to 63. Scores are interpreted as follows: 0-7 indicates minimal anxiety, 8-15 mild anxiety, 16-25 moderate anxiety, and 26-63 severe anxiety.
Happiness		5.2.1	16.1		Coded so that 3=very happy, 2=somewhat happy, 1=not happy
Life satisfaction		5.2.4	20.2.17		Scale from 0 to 10, with higher values representing greater life satisfaction
Indicator for hypertension		16.4.4bi-4diii		Note that due to migration to urban areas, higher education, and higher income, deworming may increase the risk of hypertension.	take the average of 2-3 blood pressure measurements and classify individuals as hypertensive if their average systolic blood pressure is ≥ 140 mmHg or their average diastolic blood pressure is ≥ 90 mmHg (WHO, 2021).
Secondary Outcomes					
Indicator for ever having experienced a major health problem		6.3.3.1	16.11b		Include information from previous KLPS rounds where necessary.
BMI percentile	Weight	16.1a		Non-optimal field conditions; scales often not precise, unlevel surfaces, particularly in rural areas. Check sensitivity to cutoffs	Compute from height and weight measurement, specific to gender and age
	Height	16.2a			
Abdominal obesity		16.3a		As additional outcomes, consider thresholds of Waist circumference ≥ 81.2 cm and 81.0 cm for men and women, respectively (see Ekoru et al, 2018) NB: There is no internationally agreed upon standard for abdominal obesity in SSA populations, but the paper cited above suggests these thresholds as optimal for detecting metabolic syndrome Note that pregnant women and women who have given birth within the past 6 months will be excluded from the assessment of abdominal obesity.	
Washington Group Short Set		9.1			define individuals as having difficulty if they reported at least some difficulty (response of 2, 3, or 4) in any of the six domains.
ADL		9.2		This is an outcome for which we will only expect to see effects later in life; may not have manifested in KLPS-5, but included regardless	Calculated by summing across indicators equal to one for each difficulty the respondent has

IADL		9.3		This is an outcome for which we will only expect to see effects later in life; may not have manifested in KLPS-5, but included regardless	Calculated by summing across indicators equal to one for each difficulty the respondent has
Average grip strength		16.5c-e			
Indicator for any diagnosis		6.3.1		Given the impact of deworming on migration, education, and income, treated groups may be more likely to receive a diagnosis. As a result, the sign of this outcome may be difficult to interpret.	
Domain 3: Migration					
Primary Outcomes					
Indicator of ever lived outside of Busia County		3.1d, 13.6.3d, 13.6.4d	3.1d, 15.3d, 15.4d		Include information from previous KLPS rounds where necessary.
Indicator of ever lived urban		3.1d, 13.6.3d, 13.6.4d	3.1d, 15.3d, 15.4d		Survey-defined, includes cities and towns. Include information from previous KLPS rounds where necessary.
Indicator of ever lived in Nairobi, Mombasa or Kampala		3.1d, 13.6.3d, 13.6.4d	3.1d, 15.3d, 15.4d		Include information from previous KLPS rounds where necessary.
Secondary Outcomes					
Total time spent in the urban area		3.1d, 13.6.3d, 13.6.4d	3.1d, 15.3d, 15.4d		Survey-defined, includes cities and towns. Include information from previous KLPS rounds where necessary.
Total time spent in Nairobi		3.1d, 13.6.3d, 13.6.4d	3.1d, 15.3d, 15.4d		Include information from previous KLPS rounds where necessary.
Domain 4: Marriage and Fertility					
Primary Outcomes					
Number of pregnancies		13.5.2	19.2		Include information from previous KLPS rounds where necessary.
Indicator for miscarriage		13.5.8	19.8		Outcome will be measured in a marginal probit specification where each observation is a pregnancy. Include information from previous KLPS rounds where necessary.
Secondary Outcomes					
<i>Marriage</i>					
Indicator for early marriage (< 18 years old)		13.2.3	18.1a	Only estimate for female participants	Indicator for first marriage before age 18, which is the UNICEF convention: https://www.unicef.org/protection/child-marriage
Indicator for adolescent pregnancy (<20 years old)		2.2, 13.5.16	2.2, 19.11	Only estimate for female participants	Indicator for adolescent pregnancy before age 20, which is the WHO convention: https://www.who.int/news-room/fact-sheets/detail/adolescent-pregnancy
Number of marriages		13.2.1	18.2		Include information from previous KLPS rounds where necessary.
Marital Autonomy Index	Indicator for felt "ready to be married" (versus would have rather waited) for first marriage	13.2.6	18.8		Include information from previous KLPS rounds where necessary; sum across indicators for all three variables
	Indicator for decision to get married	13.2.8a			
	Indicator for chose own spouse	13.2.8b			
Indicator for bride price paid for first marriage		13.2.10	18.11		Include information from previous KLPS rounds where necessary.

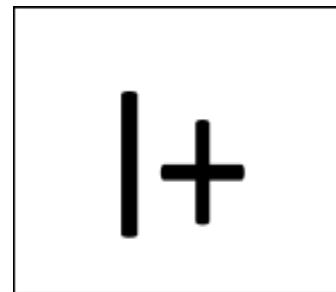
Amount paid (so far) in bride price for first marriage		13.2.11b	18.11b		No bride price paid coded as a zero. Include information from previous KLPS rounds where necessary.
Indicator for ever had a co-wife		13.2.30a	18.30		Indicator for having a co-wife in any marriage. Include information from previous KLPS rounds where necessary.
Indicator for ever divorced/separated in any marriage		13.2.8			Include information from previous KLPS rounds where necessary.
Indicator for formal marriage (i.e. religious or civil marriage) for first marriage		13.2.12			
Fertility					
Inter-birth interval		13.5.16		Only estimate for female participants. An additional outcome will be an indicator for ever having an inter-birth interval of 24 months or less, consistent with WHO guidelines.	Take the median of the number of completed months between the delivery date of one live birth and the delivery date of the next live birth (females only). Exclude the very first birth in the calculation and treat twin/triplet deliveries as a single birth event dated on the same day.
Indicator for miscarriage or stillbirth		13.5.8	19.8		Indicator equal to one for pregnancies ending in miscarriage or stillbirth. Conducted at the pregnancy level. Include information from previous KLPS rounds where necessary.
Indicator for seeking modern antenatal care in pregnancy		13.5.5-13.5.6	19.6		By modern antenatal care, we mean care in a clinic or hospital. Conduct at the pregnancy level. Include information from previous KLPS rounds where necessary.
Child Outcomes					
Indicator for child's self-reported health status is good or very good		13.5.22, 13.5.21a-d, 13.5.39, 13.5.38	19.21, 19.20a-d		Coded as one if very good or good, respectively, and zero otherwise, calculated at a child level.
Indicator for under 5 mortality		13.5.16, 13.5.18	19.16a, 19.17		Conducted at the child level. Include information from previous KLPS rounds when necessary.
Indicator for children 4 or under attending ECD		13.5.26, 13.5.16	19.25, 19.6a		Conducted at the child level. Set as missing for children over 4.
Indicator for children over 5 attending school in the last week		13.5.28, 13.5.16, 13.5.47	19.28, 19.6a		Conducted at the child level. Set as missing for children aged 5 or under.
Domain 5: Ethnic and Religious Identity					
Primary Outcomes					
Ethnic Identity	Importance of ethnic and tribal origin, using a 3-point scale (where 1=very important, 2=somewhat important, 3=not very important)	13.3.15	7.15		
Religious Identity	Importance of religion, using a 3-point scale (where 1=very important, 2=somewhat important, 3=not very important)	13.3.8	7.8		

Secondary Outcomes					
Attended church / mosque last week	Indicator for attending church / mosque last week	13.3.10	7.10		
Intensity of religious and spiritual beliefs		13.3.20-25			For belief questions, code as 1 if the response is "Agree completely" or "Mostly agree," and 0 otherwise. For binary questions, code as 1 for "Yes" and 0 for "No." Calculate the total score by summing across all coded items.
Domain 6: Sleep					
Primary Outcomes					
Sleep Time		11.1, 11.2, 11.3a, 11.4, 11.7b	22.1, 22.2, 22.3a, 22.4, 22.7b		Calculated as time in bed minus sleep latency minus wake after sleep onset, plus any daytime naps
Secondary Outcomes					
Sleep efficiency		11.1, 11.2, 11.3a, 11.4	22.1, 22.2, 22.3a, 22.4		Sleep time last night divided by time in bed last night.
Night sleep time		11.1, 11.2, 11.3a, 11.4	22.1, 22.2, 22.3a, 22.4		Calculated as time in bed minus sleep latency minus wake after sleep onset
Domain 7: Economic Preferences					
Primary Outcomes					
Index of patience		14.3.8a-gg			Discrete index from 1 to 33 indicating the approximate amount of money the respondent would need to receive in 1 month to be indifferent between that transfer and 300 Ksh delivered immediately Analyze measure both with and without the most impatient group
Index of risk aversion		14.1.4a-gg			Discrete index from 1 to 33 indicating the approximate size of a sure payment necessary for the respondent to be indifferent between that transfer and a 50/50 lottery of 0 and 900 Ksh Analyze measure both with and without the most risk averse group (due to aversion from gambling)
Indicator for ambiguity aversion		14.4.9			Dummy indicator taking value 1 if the respondent chooses bag 1, i.e. the option with non-ambiguous probabilities
Index of pro-social behavior	Amount of money (out of 160 Ksh) respondent donates to anonymous individual	14.2.5a			Index constructed by standardizing each component, such that each has mean zero and standard deviation one, and summing across
	Amount of money (out of 160 Ksh) respondent donates to in-group individual	14.2.5b			
	Amount of money (out of 160 Ksh) respondent donates to out-group individual	14.2.5c			
	Amount of money (out of 160 Ksh) respondent donates to anonymous charity	14.2.6a		Interested researchers may also look at differences in prosociality towards the in group (i.e. own tribe) and out group (i.e. other tribes)	

Amount of money (out of 160 Ksh) respondent donates to in-group charity	14.2.6b		separately	We will also examine each component individually
Amount of money (out of 160 Ksh) respondent donates to out-group charity	14.2.6c			
Amount of money spent on reciprocal "thank you" gift for stranger who foregoes 100 Ksh in earnings	14.2.7			
Index of Competition	14			score this continuously, from 0 to 10
Domain 8: Private Behaviors				
Primary Outcomes				
Age of first sexual intercourse	15.2			
Indicator for uses a modern method of birth control	15.7-9	24.9, 24.10, 24.11		Indicator for respondent or their partners having used a modern method of birth control in the last 12 months to prevent pregnancy during the time of their sexual relationship. Modern methods of birth control include condoms (24.9), pills (24.10), and injectables, IUDs and Coils (24.11).
Secondary Outcomes				
Indicator for emotional abuse	Indicator for "have any of your partners ever insulted you, make you feel bad about yourself, or said or done something to humiliate you in front of others?" (Last twelve months)	15.11		
	Indicator for "have any of your partners ever threatened to harm you or someone else close to you?" (Last twelve months)	15.12		
	Indicator for "have any of your partners ever kept you from getting a job, going to work, trading or earning money?" (Last twelve months)	15.13		Sub-indicator for financial abuse may also be of interest
	Indicator for "have any of your partners taken your earnings against your will?" (Last twelve months)	15.14		Indicator equals 1 if the answer to at least one of these questions is YES
	Indicator for "have any of your partners ever not allowed you to leave the house, or prevented you from seeing relatives or friends?" (Last twelve months)	15.15		Classifications come from UN guidelines of domestic abuse
Indictor for physical violence	Indicator for "have any of your partners hit, slapped, kicked, or physically hurt you or someone close to you?" (Last twelve months)	15.16		

Indicator for sexual violence	Indicator for "has anyone ever sexually assaulted you?"" (Last twelve months)"	15.17			
Indicator for violence against children	Indicator for "did you or any adult member of your household ever beat any of the children living in this household?"" (Last 14 days)	15.18			
Domain 9: Health Behaviors					
Primary Outcomes					
Indicator for any health insurance coverage		8.2.1			
Secondary Outcomes					
Health expenditures (Last twelve months)		8.3.2a		Endogenous to health status, which deworming may improve	
Indicator for any vaccinations (last two years)		6.4.1			Dummy indicator taking value one if any of the following vaccinations have been received: (i) influenza (ii) pneumococcal (iii) Hepatitis B (iv) typhoid (v) diphtheria and tetanus (vi) anti-rabies (vii) yellow fever (viii) COVID-19 (ix) rotavirus (x) measles (xi) polio
Indicator for bednet usage		6.4.3			
Indicator for any child vaccinations		13.5.19			Dummy indicator taking value one if at least one child has received a vaccination
Indicator for any child sleeps under a bednet		13.5.20			Dummy indicator taking value one if at least one child sleeps under a bednet
Indicator for heavy drinking (last three months)		6.2.2.5			Dummy indicator taking value one if respondent has consumed 5 or more drinks on one occasion at least one to three days per month in the last 3 months
Indicator for regular or recent tobacco usage	Indicator for "In the last seven days, have you smoked any cigarettes?" Indicator for "Have you been regularly smoking in the last 12 months?""	6.2.1 6.2.4			Dummy indicator taking value one if any cigarette smoking in the last seven days or regular smoking in the last 12 months
Indicator for any health screenings	Indicator for taken a cholesterol test Indicator for had a color cancer screening Indicator for had a breast exam by a doctor Indicator for had a mammogram Indicator for had a pap smear Indicator for had a prostate exam or blood test for prostate cancer	6.4.4a 6.4.4b 6.4.5a 6.4.5b 6.4.5c 6.4.6		May also be endogenous to health status, which deworming may improve	

Domain 10: Crime Victimization				
Primary Outcomes				
Indicator for crime victimization	Indicator for "has someone stolen or attempted to steal any livestock from you?" (Last twelve months)	13.7.1		Though not pre-registered, we may present sub-components of this index to identify compositional effects Dummy indicator taking value one if any of these forms of crime has been experienced
	Indicator for "has someone stolen or attempted to steal any household items or personal items?" (Last twelve months)	13.7.2		
	Indicator for "has someone stolen or attempted to steal any cash from you?" (Last twelve months)	13.7.3		
	Indicator for "has someone assaulted you without a weapon?" (Last twelve months)	13.7.4		
	Indicator for "has someone assaulted you with a weapon?" (Last twelve months)	13.7.5		
	Indciator for "have you been the victim of arson?" (Last twelve months)	13.7.6		
	Indicator for "have you been the victim of witchcraft?" (Last twelve months)	13.7.7		
	Indicator for "have you been the victim of any other crime or attempted crime?" (Last twelve months)	13.7.8		
Secondary Outcomes				
Indicator for somewhat or very worried about crime and safety in your neighborhood		13.7.9		



KLPS5-I PLUS MODULE

Visit 2 - Wave 2

VERSION: NOVEMBER 19, 2024

SECTION 1: Pre-Interview Information and Consent	3
SECTION 2: Confirmation of Identity	13
SECTION 3: Contact Information	18
SECTION 4: BIOLOGICAL CHILD ROSTER	28
SECTION 4A: SELECTION OF CHILDREN FOR PARTICIPATION IN STUDY	33
SECTION 4C: CHILD AVAILABILITY	37
Section 5: MENTAL HEALTH, STRESS, AND PSYCHOSOCIAL FACTORS	41
Section 5.1: Happiness and Depressive Symptoms- CES-D Scale	41
Section 5.2: World Values Survey	43
Section 5.3: Beck's Anxiety Inventory	44
Section 5.4: Generalized Self Efficacy	47
Section 5.5: Big 5 Personality Measures	48
Section 6: Health	50
Section 6.1 Current Health Status	50
Section 6.2: Health behavior	51
Section 6.2.1: Smoking	51
Section 6.2.2: Drinking	51
Section 6.3: Diagnoses & Major Health Episodes Recent illness or Symptoms	53
Section 6.3.1: Doctor Diagnosed: Ever Have Condition	53

Section 6.3.2: Current condition	55
Section 6.3.3: Major health problem	56
Section 6.3.4: Falls	57
Section 6.4: Vaccinations and Health Investments	58
Section 8: Health-Care access and utilization	60
Section 8.1: Health Care facility	60
Section 8.2: Health insurance	65
Section 8.3: Healthcare Expenditures	67
Section 16.4: Blood Pressure	68
Section 9: OTHER SELF-REPORTED HEALTH MEASURES & RISK FACTORS	71
Section 9.1 Disabilities	71
Section 9.2: ADL	72
Section 9.3: IADL	73
Section 10: Physical activities	74
Section 11: Sleep Patterns: Adult	76
Section 13: Socioeconomic & demographic measures	79
SECTION 13.1: Schooling History	79
SECTION 13.2: Marriage	86
SECTION 13.3: Ethnicity and Religion	99
SECTION 13.4: Family Demographics	103
SECTION 13.4.1: Father	103
SECTION 13.4.2: Mother	104
SECTION 13.4.4: Siblings	106
SECTION 13.5: Fertility	108
SECTION 13.6: Migration	127
SECTION 13.7: Crime Victimization	131
Section 14: Economic Preferences	133
SECTION 14.1: Risk Preferences	133
SECTION 14.2: Social Preferences	139
SECTION 14.3: Time Preferences	142
SECTION 14.4: Ambiguity	146
SECTION 15: Private Behavior Questionnaire	148
Section 16: Anthropometric and Biomarker Measurement	152
1. HEIGHT	152
2. WEIGHT	153
3. WAIST CIRCUMFERENCE	154
5. GRIP STRENGTH	155

6. END	158
Section 17: Dried Blood Sample (DBS)	159
SECTION 18: Gift Section	162
SECTION 18.1: Solar Lantern Distribution Acknowledgement	162
SECTION 19: Conclusion	163

SECTION 1: Pre-Interview Information and Consent

Fill in this information before the interview from IDENTITY SECTION of TRACKING SHEET:

1. Identification Number of Focus Respondent (Pupil ID):

|____|____|____|____|____|____|

2. Pupil Family Name:

3. Pupil (a) Name 1 / (b) Name 2: (a) _____ / (b) _____

4. Pupil Gender: |____| (1=Male, 2=Female)

5. Baseline Program: |____|
Response is either "PSDP" or "GSP".

6. Baseline Pupil School ID / Name: |____|____|____| / _____

7. Baseline Pupil Standard: |____|
Standard should be between 2 and 7 for those in PSDP, or between 5 and 6 for those in GSP.

8. Date of interview: (DD/MM/YYYY) |____|____|/|____|____|/|____|____|____|

9. Time start interview: (24 hr clock) |____|____| : |____|____|

10a. Interviewer ID: |____|____|____|____|

10b. Interviewer name: (first) _____ / (surname) _____

READ Consent:

11. May we have your permission to ask you some questions? 1 = Yes | 2 = No |____|

12. 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

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

12a. **Describe your impressions of the refusal / inability to participate. Do not ask.** |____|

- 1 = Wants to reschedule (skip to “Rescheduling instructions” below)
- 2 = FR refusal for this round only (skip to question 12b)
- 3 = FR refusal for this round and any future rounds (skip to question 12c)
- 4 = Unable to survey – refusal by someone other than FR (skip to question 12d)
- 5 = Unable to survey – in prison (skip to question 12g)
- 6 = Unable to survey – mental illness / disability (skip to question 13)
- 7 = Unable to survey – deceased (skip to question 12h)
- 10 = Unable to survey – other (skip to question 12f)

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.

12b. **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?

12b. Je, kwa nini hungependa kushiriki?

Choose up to 3 reasons. If someone else is refusing on behalf of the FR, return to question 12a and mark "4".

1 = Survey is too long

3 = FR has caregiving duties

4 = FR has to work

5 = FR does not want to disclose personal information

6 = FR is suspicious of IPA

7 = FR hasn't received (further) assistance from IPA and doesn't want to participate because of that

8 = FR just doesn't want to / no reason given

777 = Other (specify): Other: _____

999 = FO DK / Can't determine |____|/|____|/|____|

Skip to "Closing Interview Statement".

12c. **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 don't you want to participate?" Choose up to 3 reasons. If someone else is refusing on behalf of the FR, return to question 12a and mark "4".**

1 = FR has been interviewed before, and is tired of IPA coming to visit

2 = FR is not interested in the project/research

3 = FR does not want to disclose personal information

4 = FR is suspicious of IPA

5 = FR hasn't received (further) assistance from IPA and doesn't want to participate because of that

6 = FR just doesn't want to / no reason given

777 = Other (specify): Other: _____

999 = FO DK / Can't determine |____|/|____|/|____|

Skip to "Closing Interview Statement".

12d. **What is the relationship of this person to the FR? Use G4 codes.** |____|

12e. **Why is this person refusing on behalf of the FR? If you feel comfortable doing so, you may ask the person "Why don't you want this person to participate?"** _____

12e. Mbona hautaki mtu huyu ashiriki? _____

Skip to "Closing Interview Statement".

12f. *Record your impressions of why we are unable to survey the respondent during this round.* _____

READ: Thank you very much for your time. [End interview here.](#)

READ: Asante sana kwa muda wako. [End interview here.](#)

12g. *Record your impression, but do not ask. Is this reason we are unable to survey the respondent temporarily (i.e., temporary imprisonment) or permanently (i.e., life imprisonment) such that we should never try to reach this person again? |____|*

1 = Temporary | 2 = Permanent | 999 = DK

READ: Thank you very much for your time. [End interview here.](#)

READ: Asante sana kwa muda wako. [End interview here.](#)

12h. If FR is deceased,

12ha. What is the name of the person giving you this information? |____|

12hb. What is the relationship of the person giving this information to FR? *Use G4 codes* |____|

12hc. Is there a phone number where we can reach you, even if you do not have your own phone? |____|

12hd. Whose phone number is this? |____|

12he. Which year did the FR die? |____| |____| |____| |____|

12hf. What is the probable cause of death for the adult FR? |____|

1 = Unknown Short illness

2 = Accident

3 = Unknown Long-term illness

4 = Drowning in lake/river/sea

5 = Unknown cause of Death

6 = Reproduction related e.g. Died while giving birth

7 = Natural calamities e.g floods, lightning, landslides

8 = Cancer relate death

9 = Lung disease

10 = Heart related conditions

11 = Diabetes related conditions

12 = HIV/AIDS related

13 = Kidney related disease

14 = Liver related disease

15 = Killed by unknown/known people

16 = Electrocution related death

777 = Other

Move to section 2

13. Record your impressions of the FR's mental illness or 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.

READ: If you don't mind, I would like to ask you just 3 questions about this person, in order to collect some very basic information about them.

READ: Kama hutajali, ningependa kukuliza maswali matatu tu kuhusu mtu huyu, ili kukusanya baadhi ya habari kimsingi kumhusu.

13a. What is the highest level of education he/she attended? **Use G6 codes, 999 = DK** | ____ |

13a. Ni kiwango kipi cha juu cha elimu alichohudhuria?

13b. What is his/her occupation? **Use G9 codes. 999 = DK** | ____ |

13b. Yeye hushughulika na nini / hufanya kazi gani?

13c. Is he/she married? 1 = Yes | 2 = No | 999 = DK | ____ |

13c. Yeye ameoa / ameolewa?

13d. **Record your impression, but do not ask. Is this mental illness something that may be temporary (i.e., temporary ailment) or permanent (i.e., severe mental illness that won't likely be cured) such that we should never try to reach this person again.** | ____ |

1 = Temporary | 2 = Permanent | 999 = DK

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

READ: Asante sana kwa muda wako. **End interview here.**

Closing Interview Statement. **READ:** Thank you very much for your time. If you change your mind and would like to participate in the interview, please contact us at the IPA office. **Give the respondent a business card, and end interview here.**

Asante sana kwa muda wako. Ukipadilisha nia na ungependa kushiriki katika mahojiano.

Tafadhali wasiliana nasi katika afisi zetu za IPA.

SECTION 2: Confirmation of Identity

1. What is your current full name? Please spell it for me.

1. Majina yote unayotumia kwa wakati huu ni gani? Tafadhali nitajie herufi za hilo jina

| ____ | / | ____ | / | ____ |
(Family name) (Name 1) (Name 2)

1a. Does this name match the “most recent name” 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 | ____ |

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

1b. Why is your name different than the one in our records? **List up to 2 responses.**

1b. Mbona jina lako ni tofauti na lile kwa rekodi zetu?

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 misspelled

7= Used a different name when taking national ID

777 = Other (specify): _____

999 = DK

|_____| / |_____| Other: _____

If FR deceased, ask 1c

1c. What were the full names for the deceased FR?

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

2. What is your date of birth?

2. Tarehe yako ya kuzaliwa ni ipi?

|_____| / |_____| / |_____|
(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

2a. Does this year of birth match what we have listed in the Identity Section of the Tracking Sheet? 1 = Yes | 2 = No | 3 = Birth year is missing from tracking sheet |____|

If Fr deceased, ask 2b and 2c

2b. What was the birth date for the deceased FR?

|_____| / |_____| / |_____|
(DD) (MM) (YYYY)

2c. Does this year of birth match what we have listed in the Identity Section of the Tracking Sheet? (1=Yes, 2=No, 3=Birth year is missing from tracking sheet) |____|

3. **If PSDP participant:** What primary school did you attend in Term 1 of 1998?

3. Ulihudhuria shule gani ya msingi muhula wa kwanza mwaka wa 1998?

If GSP participant: What primary school did you attend in Term 1 of 2001?

Ulihudhuria shule gani ya msingi muhula wa kwanza mwaka wa 2001?

Use E1 codes. 999=DK. |_____| / |_____| Other: _____

3a. Is the school listed in question 3 the same as the "Baseline Primary School" listed in the

Identity Section of the Tracking Sheet? 1 = Yes | 2 = No | _____ |
If YES or NOT LISTED ON TRACKING SHEET, skip to question 4. If NO, continue.

3b. Why is this not the same primary school we have in our records? _____

3b. Mbona hii si sawa na shule ya msingi tuliyonayo kwenye rekodi zetu?

If deceased FR, ask 3c and 3d

3c. **If PSDP participant:** What primary school did deceased FR attend in Term 1 of 1998?

3c. Ulihudhuria shule gani ya msingi muhula wa kwanza mwaka wa 1998?

If GSP participant: What primary school did deceased FR attend in Term 1 of 2001?

Ulihudhuria shule gani ya msingi muhula wa kwanza mwaka wa 2001?

Use E1 codes. 9999=DK. | _____ | _____ | _____ | Other: _____

3d. Is the school listed in question 3 the same as the “Baseline Primary School” listed in the Identity Section of the Tracking Sheet? 1 = Yes | 2 = No | _____ |

If YES or NOT LISTED ON TRACKING SHEET, skip to question 4. If NO, continue.

4. What is your father’s name?

4. Jina la baba yako ni gani?

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

4a. Is the name listed in question 4 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 5. If NO, continue.

4b. Why is this not the same name we have in our records? **List up to 2 responses.**

4b. Mbona hili si sawa na jina tulilonalo kwenye rekodi zetu?

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 misspelled;

8 = Previously used the name of a relative;

777 = Other (specify) Other: _____

999 = DK

4c. (FR deceased) What was his father’s name?

4c. Jina la baba yako ni ilikuwa gani?

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

4d. Is the name listed in question 4b 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 5c. If NO, continue.

5. What is your mother's name?

5. Jina la mama yako ni gani?

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

5a. Is the name listed in question 5 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 6. If NO, continue.

5b. Why is this not the same name we have in our records? **List up to 2 responses.**

5b. Mbona hili si sawa na jina tulilonalo kwenye rekodi zetu?

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 misspelled

8 = Previously used the name of a relative

777 = Other (specify) Other: _____

999 = DK

5c. (**FR deceased**) What was her mother's name?

5c. Jina la mama yako ni ilikuwa gani?

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

5d. Is the name listed in question 5c 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 6c. If NO, continue.

6. What is your clan? 999 = DK _____

6. Ukoo wako ni gani? ENUMERATOR NOTE: CLAN IN LUHYA IS INONO

6a. Does this clan name match the "clan" listed in the identity section of the tracking sheet?

Do not count different spellings of the same clan as different. | _____ |

1 = Yes | 2 = No | 3 = Not listed on Tracking Sheet

If YES, skip to question 7. If NO, continue.

6b. Why is this not the same clan we have in our records? **List up to 2 responses.**

6b. Mbona hili si sawa na jina tulilonalo kwenye rekodi zetu?

1 = Originally not sure of the clan name

2 = Clan name previously misspelled

3 =Originally gave clan for the then guardian/caregiver

777 = Other (specify) Other: _____

999 =DK

6c. (**FR Deceased**) What was the deceased FR clan? (99=DK) |____|

6d. Does this clan name match the “clan” listed in the identity section of the tracking sheet? Do not count different spellings of the same clan as different.

1 = Yes | 2 = No | 3 = Not listed on Tracking Sheet |____|

If YES, skip to question 7. If NO, continue.

6d. Why is this not the same clan we have in our records? **List up to 2 responses.**

1 = Originally not sure of the clan name;

2 = Clan name previously misspelled;

3 =Originally gave clan for the then guardian/caregiver;

777 = Other (specify) Other: _____

999 =DK

7. Count the number of “2”s in questions 1a, 2a, 3a, 4a, 5a, and 6a and record that number

here. Note: These 6 boxes are highlighted above so they are easy to find.

If the number listed in question 7 is less than or equal to 1, continue. If the number is greater than 1, reconfirm that you have the correct focus respondent before proceeding.

8. Are you suspicious that this pupil is not the same pupil that we are looking for?

1 = Not at all suspicious 3 = Moderately Suspicious

2 = A bit suspicious 4 = Very suspicious

8a. If 2, 3, or 4 (suspicious): Why? _____

If VERY SUSPICIOUS, consider ending interview.

9. Where is this interview being conducted?

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

1 = In person, at current residence (may also be biological or marital home)

2 = In person, at biological home (not current residence)

3 = In person, at marital home (not current residence)

4 = In person, at the FR's school (specify, **use E1 codes**) |____| Other: _____

5 = In person, at the FR's work (specify name of place) _____

6 = In person, at IPA Busia office

7 = In person, at IPA Nairobi office

8 = Elsewhere (specify) _____

10. Is the interview being conducted with the interviewee alone (excluding IPA staff)?
1 = Yes | 2 = No |

If YES, skip to Section 3. If NO, continue.

10a. It is ok if other household members are around for the first several sections of this survey. However, politely ask any non-household members to leave, saying that you need to interview the FR and their household members alone. Stress that the interview is private and confidential. If there are individuals in the room who will stay there for the interview (including hh members and non-hh members), list any individuals who appear to be over the age of 5, using the G4 relationship codes.

| | / | | / | | / | | / | |

Other: _____ / _____ / _____

If deceased FR, skip to section 4

SECTION 3: Contact Information

READ: Now I would like to make certain that we have your current address information correct.

READ: Sasa ningependa kuhakikisha kuwa habari kuhusu anwani yako ya hivi sasa ni sahihi.

0a. What is your occupation? 1 = Guard or house help | 2 = Other | |

0a. Kazi yako ya sasa ni ipi?

If 1, continue to question 0b. If 2, skip to “read #1” statement below.

0b. Are you currently working as live-in house help or a live-in guard? 1 = Yes | 2 = No | |

0b. Kwa hivi sasa unaishi mahali unakofanya kazi ya nyumba au ulinzi / bawabu?

If YES, skip to “read #2” statement below. If NO, continue to “read #1” statement.

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

READ #1: Tungependa kujua mahali ulalapo kila siku, sio lazima kwa boma lenu asili wala kwenu.

Skip to question 1a.

READ #2: We want to know the place that you usually sleep, not necessarily your ancestral lands or family home. This should be the home you go to when you are not staying at your employer's home.

READ #2: Tungependa kujua mahali ulalapo kila siku, sio lazima kwa boma lenu asili wala kwenu. Hapa panatakiwa pawe nyumbani penye wewe huenda kama hauishi katika nyumba ya mwajiri wako.

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

1b. County? **Refer to “1992 district” if FR does not know county (1992 district and county are equivalent). For FRs living in Uganda, this is “district” rather than “county”. Use G2a codes.** | Other: _____

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

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

| Other: _____

1d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.**

| Other: _____

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

1e. Location? **For FRs born in Uganda, ask for “county” rather than “location”. Use G3b codes.** | Other: _____

1f. Sub-location? **For FRs born in Uganda, ask for “sub-county” rather than “sub-location”. Use G3c codes.** | Other: _____

1g. Village / Neighborhood? **Write.** (999 = DK) _____

2. Where do you collect your mail? **Describe location where FR collects mail, or postal address.** _____

2. Wewe hupokea barua zako wapi?

888 = N/A | 999 = DK

3. Please describe the location of the home.

3. Tafadhalieleza kuhusu mahali unapoishi.

Provide detailed description to home, including landmarks, distance from roads and any other detailed information where relevant. If there

is a PSDP or GSP school nearby, please start your directions from that school. If not, pick a

location that is well known in the area to be a starting point for your directions.

References

to specific businesses or homes (“ask for the home of...”) should be included where possible.

3a. **If home described here is located in Busia County (2010 Districts Busia, Samia or Bunyala), Kenya:** 3a. Which public primary school is closest to the home?

3a. Ni shule ipi ya msingi ya umma iliyo karibu na unakoishi?

Use E1 codes (888 = None) |____|____|____|

4. Is there a phone number where I can reach you, even if you do not have your own phone?

4. Kuna nambari ya simu ambayo tunaweza kukufikia, hata kama wewe mwenyewe hauna simu?

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 them by phone (or they do not know any numbers), skip to question 7.

4a. Please give me that number. **Tafadhalu nipe hiyo nambari.**

i. **If Kenyan phone number,** Number: |_0_|____|____|____|____|____|____|____|____|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |____| Other: _____

B. Number: _____

4b. Whose phone is this? **Hii ni nambari ya simu ya nani?**

Write name. _____

4c. What is this person’s relationship to you? **Use G4 codes.** |____| Other: _____

4c. **Una uhusiano gani naye?**

5. If that number isn’t working or I can’t reach you, is there another number that I can call?

5. **Iwapo hiyo nambari haifanyi kazi au hatuwezi kukufikia, kuna nambari nyingine ambayo tunaweza kupiga?**

1 = Yes | 2 = No / Do not know a number |____|

Probe FR for a second phone number. If NO, skip to question 7. If YES, continue.

5a. Please give me that number. **Tafadhalu nipe hiyo nambari.**

i. **If Kenyan phone number,** Number: |_0_|____|____|____|____|____|____|____|____|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |____| Other: _____

B. Number: _____

5b. Whose phone is this? **Write name.** _____

5b. Hii ni nambari ya simu ya nani?

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

5c. Una uhusiano gani naye?

6. If both of these two numbers aren't working or I can't reach you, is there another number that I can call? 1 = Yes | 2 = No / Do not know a number |____|

6. Iwapo nambari hizo mbili hazifanyi kazi au hatuwezi kukufikia, kuna nambari nyingine ambayo tunaweza kupiga?

Probe FR for a third phone number. If NO, skip to question 7. If YES, continue.

6a. Please give me that number.

6a. Tafadhalni nipe hiyo nambari.

i. **If Kenyan phone number,** Number: | 0 |____|____|____|____|____|____|____|____|____|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |____| Other: _____

B. Number: _____

6b. Whose phone is this? **Write name.** _____

6b. Hii ni nambari ya simu ya nani?

6c. What is this person's relationship to you? **Use G4 codes.** |____| Other: _____

6c. Una uhusiano gani naye?

7. In the future, we may want to contact you by email. Do you have an email?

7. Siku za usoni tunaweza kutaka kuwasiliana nawe kuitia barua pepe. Una anwani ya barua pepe?

1 = Yes | 2 = No |____|

7a. **If yes:** What is it? **Write.** _____

8. Is there a phone number where you can receive money by M-pesa, even if the phone is not yours?

8. Je, kuna nambari ya simu ambapo unaweza kupata pesa kwa M-Pesa, hata kama simu si yako?

1 = Yes | 2 = No |____|

If "no", probe the FR for one again. If the FR insists that there is no way to send them the money by M-Pesa, skip to the read statement BEFORE question 9.

If "yes", continue.

8a. Please give me that number.

i. **If Kenyan phone number,** Number: | 0 |____|____|____|____|____|____|____|____|____|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |____| Other: _____

B. Number: _____

8b. Whose phone is this? **Write name.** _____

8c. What is this person's relationship to you? **Use G4 codes.** |__| Other: _____

Skip to question 9.

READ: You may win some money during parts of the survey today, which we can send you by M-pesa.

Unaweza kushinda pesa wakati wa sehemu ya mahojiano ya leo, ambayo tunaweza kukutumia kwa M-pesa.

Since you do not have M-pesa, our field manager will have to pay you. Since she is busy supervising many surveys, this may result in some delays, and in some cases we will have to arrange a second visit to do the payment. If there is any way that we can M-pesa you within 5 business days, please let me know now, otherwise we will continue.

Kwa kuwa huna M-pesa, msimamizi wetu wa mradi atakulipa. Kwa kuwa anashughulika na kusimamia mahojiano nyingi, hii inaweza kusababisha ucheleweshaji, na wakati mwagine itabidi tukutembelee mara ya pili kufanya malipo. Ikiwa kuna njia yoyote ambayo tunaweza kukulipa kwa njia ya M-pesa katika siku tano za kazi, tafadhali nijulishe sasa, kama sivyo tutaendelea.

If respondent says they can use M-pesa, go back to question 8 and change to "Yes", then continue filling out 8a, 8b, and 8c. If the respondent insists that they do not have M-pesa, continue to question 9.

9. If you are not at home, is there a place of work or school where I might be able to find you

during the day? Please give me the name of that place.

9. Iwapo hauko nyumbani kuna mahali pa kazi au shule ambapo ninaweza kukupata wakati wa mchana?

If FR is working or farming at the above home, write HOME and skip to the statement before question 13. For FRs who are live-in house help or live-in guards, this should be their employer's home. _____

READ: Now I would like to gather information for this place.

Sasa ningependa kupata habari kuhusu mahali hapa.

9a. Country? **Use G1 codes.** |__| Other: _____

9b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For FRs in Uganda, this is "district" rather than "county". Use G2a codes.** |__| Other: _____

If 77=FR COUNTY, continue. OTHERWISE, skip to question 9d.

9c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a comment below. Use G2b codes.**

|__| Other: _____

9d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.** |__| Other: _____
If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 9g.

9e. Location? **For FRs born in Uganda, ask for "county" rather than "location". Use G3b codes.** |__| Other: _____

9f. Sub-location? **For FRs born in Uganda, ask for "sub-county" rather than "sub-location". Use G3c codes.** |__| Other: _____

9g. Village / Neighborhood? **Write.** (999 = DK) _____

10. Postal Address? **Write.** 888 = None | 999 = DK _____

11. Does this place of work / school have a phone number? **This includes anyone at the place of work that might have a phone number.** 1 = Yes | 2 = No / Do not know a number |__|
If YES, continue. If NO / I DON'T KNOW, skip to question 12.

i. **If Kenyan phone number,** Number: |0|__|__|__|__|__|__|__|__|__|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |__| Other: _____

B. Number: _____

12. Please describe the location of this workplace / employer / school. **Provide detailed description to this place, including landmarks, distance from roads and any other detailed information where relevant. If there is a PSDP or GSP 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.**

READ: In case you are not at your current address, please tell us the names of two friends or family members who are 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.

READ: Iwapo hauko kwenye anwani yako ya sasa, tafadhali tuelezee majina ya marafiki wawili au watu wa familia ambao watajua kwa uhakika mahali utakapokua, na vile tunavyoweza kuwasiliana nawe. Hawa wanafaa wawe marafiki au watu wa familia ambao wataishi mahali

wapo sasa ikiwa utaondoka. Tungependelea kupata habari ya mtu ambaye ana nambari ya simu inayofanya kazi.

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

13. **Do not read the following question. Simply record your impressions.** Does the respondent agree to give information on a contact? 1 = Yes | 2 = No | |

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

Contact #1

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

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

16. Does this person live with you? 1 = Yes | 2 = No | |

If YES, skip to question 20. If NO, continue.

READ: Please tell me where this person lives.

17a. Country? **Use G1 codes** | | Other:

17b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes.** | | Other:

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 17d.

17c. 2010 District? **If FR doesn't know 2010 district, but does know an earlier district name, write old district name and make a remark in the FO Comments. Use G2b codes.**
| | Other:

17d. Town / city? **Use G3a codes. Code 20=Lives in a rural area.** Other:

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 17g.

17e. Location? **For FRs born in Uganda, ask for “county” rather than “location”. Use G3b codes.** | | Other: _____

17f. Sub-location? **For FRs born in Uganda, ask for “sub-county” rather than “sub-location”. Use G3c codes.** | | Other: _____

17g. Village / Neighborhood? **Write.** 999 = DK _____

18. Postal Address? Write. 888 = None | 999 = DK **DESCRIBE LOCATION WHERE FR COLLECTS MAIL, OR POSTAL ADDRESS.** _____

19. Please describe the location of the home: _____
PROVIDE DETAILED DESCRIPTION TO THIS PLACE, INCLUDING LANDMARKS, DISTANCE FROM ROADS AND ANY OTHER DETAILED INFORMATION WHERE RELEVANT. REFERENCES TO SPECIFIC BUSINESSES OR HOMES (“ASK FOR THE HOME OF...”) SHOULD BE INCLUDED WHERE POSSIBLE. (DK=99).

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

If YES, continue. If NO, probe the FR for one again. If the FR insists that there is no way to reach the contact by phone (or they do not know any numbers), skip to the read statement before question 28.

20a. Please give me that number.

i. **If Kenyan phone number,** Number: | | | | | | | | | | |
ii. **If non-Kenyan phone number:**

- Country of phone number: **Use G1 codes.** | | Other: _____
- Number: _____

20b. Whose phone is this? **Write name.** _____

20c. What is this person’s relationship to the contact? **Use G4 codes.** Other: _____

21. Can you give me another phone number to reach this contact? 1 = Yes | 2 = No | |
Probe FR for a second phone number. If YES, continue. If NO, skip to the read statement before question 28.

21a. Please give me that number.

i. **If Kenyan phone number,** Number: | | | | | | | | | | |
ii. **If non-Kenyan phone number:**

- Country of phone number: **Use G1 codes.** | | Other: _____
- Number: _____

21b. Whose phone is this? **Write name.** _____

21c. What is this person's relationship to the contact? **Use G4 codes.** Other: _____

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

Probe FR for a third phone number. If YES, continue. If NO, skip to the read statement before question 28.

22a. Please give me that number.

i. **If Kenyan phone number**, Number: |_0_|____|____|____|____|____|____|____|____|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |____| Other: _____

B. Number: _____

22b. Whose phone is this? **Write name.** _____

22c. What is this person's relationship to the contact? **Use G4 codes.** Other: _____

Note: There are no questions 23-27.

READ: Now let's discuss a second contact. Again, please tell us the name of a friend or family member who is sure to know where you are, and how to contact you, if you were to move away. This should be someone that would stay in their current residence if you moved away. Again, we would prefer to get information on a contact who has a working mobile phone number.

READ: Sasa tuzungumzie mtu wa pili. Tafadhalii tueleze jina la rafiki au mtu wa familia tena, ambaye anauhakika wa kujua utakapokua, na jinsi tutakavyo weza kuwasiliana nawe ikiwa utahama. Huyu anatakiwa awe mtu ambaye ataishi alikosasa ikiwa wewe utahama. Tena, tungependelea kupata habari ya mtu ambaye ana nambari ya simu inayofanya kazi.

Unless FR insists, it is best if Contact 2 does not share contact information (address, location, phone number, etc) with Contact 1. Contacts should usually not be husbands, wives or children (but other relatives will often make good contacts), since these contacts often move along with the FR. We want contacts that are likely to stay in the same place when the FR moves.

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

Contact #2

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

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

31. Does this person live with you or the previous contact?

1 = Yes, with FR only
 2 = Yes, with previous contact only
 3 = Yes, with respondent AND previous contact
 4 = No

If YES ("1", "2" or "3"), skip to question 35. If NO, continue.

READ: Please tell me where this person lives.

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

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

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

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

| | Other: _____

32d. Which town / city? **Use G3a codes. Code 20=Lives in a rural area.** | | Other: _____
If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 32g.

32e. Location? **For FRs born in Uganda, ask for "county" rather than "location".**

Use G3b codes. | | Other: _____

32f. Sub-location? **For FRs born in Uganda, ask for "sub-county" rather than "sub-location".**
Use G3c codes. | | Other: _____

32g. Village / Neighborhood? **Write.** (999 = DK) _____

33. Postal Address? **Write.** 888 = None | 999 = DK _____
DESCRIBE LOCATION WHERE FR COLLECTS MAIL, OR POSTAL ADDRESS.

34. Please describe the location of the home:

PROVIDE DETAILED DESCRIPTION TO THIS PLACE, INCLUDING LANDMARKS, DISTANCE FROM ROADS AND ANY OTHER DETAILED INFORMATION WHERE RELEVANT. REFERENCES TO SPECIFIC BUSINESSES OR HOMES ("ASK FOR THE HOME OF...") SHOULD BE INCLUDED WHERE POSSIBLE. (DK=99).

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

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

35a. Please give me that number.

i. **If Kenyan phone number,** Number: | 0 | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ |

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** | ____ | Other: _____

B. Number: _____

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

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

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

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

36a. Please give me that number.

i. **If Kenyan phone number,** Number: | 0 | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ |

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** | ____ | Other: _____

B. Number: _____

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

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

37. Can you give me another phone number to reach this contact? 1=Yes | 2=No | ____ |

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

37a. Please give me that number.

i. **If Kenyan phone number,** Number: | 0 | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ |

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** | ____ | Other: _____

B. Number: _____

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

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

SECTION 4: BIOLOGICAL CHILD ROSTER

FO NOTE: *If this FR was surveyed in KLPS-4 skip to the next section, otherwise continue.*

READ: I would now like to find out about all your living biological children. Please include all living biological children who live with you, and any who live elsewhere

0. How many living, biological children do you have, including children who live with you and any who do not live with you?
1. **(FR deceased)** How many living, biological children did deceased FR have, including children who live with you and any who do not live with you? |____|

If there is at least one living biological child, continue to question 1b below and proceed across each row and then down, collecting information on each child. If there are no living biological children, skip to section 5.

1b. As you may have been informed when scheduling this visit, we would like to confirm the children's date of birth on the birth certificate or health card? Do you have it nearby? **Prompt if a bit hesitant READ:** I am happy to wait while you check. If the birth certificate/health cards for any of your biological Kids is not available, you can contact the other biological parent to that child to confirm the actual birth dates.

Do not ask this question: Did we get the birth certificates, health cards or confirmed birth dates? 1 = Yes | 2 = No |____|

2. First Name ?	3. Age? (In years) <i>If under 12 months, enter 0. If under 12 months older than 10, skip to next child.</i>	4. Sex? 1=Boy 2=Girl 3=DK	5. READ: I would like to get [child name]'s exact birthdate. Can I please see his/her health card? <i>If there is no health card, ask for a birth certificate. If the FR is sure that the birth certificate does not have the child's actual birth date, enter the information the FR believes is most correct.</i> <i>Enter the date of birth.</i> YYYY / MM / DD	5b. Was the birth date obtained from the health card? 1. yes 2. No	6. Record the birthweight of the child, according to the health card. <i>If not available, ask "What was [child's name] weight at birth?"</i> 9.9 = Weight not measured at birth. 99.0 = Weight measured but FR does not know/ cannot discern it from health card. 6. Is this child's birth date between 01/04/2018 and 01/04/2012? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i> <i>If "NO", skip to next row.</i>	6a. Was birth weight obtained from health card? 1. Yes 2. No	7. Is the child's birth date between 01/10/2014 and 30/04/2018? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8. Is the child's birth date between 01/04/2012 and 31/09/2014? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8a. Are there any other living biological children whom you have not listed? 1. yes 2 No	
Fill in today's date:				Year (YYYY) : 	Month (MM) : 	Day (DD) : 				
C1				Year (YYYY) : 	Month (MM) : 	Day (DD) : 				

	2. First Name ?	3. Age? (In years) <i>If under 12 months, enter 0. If under 12 months older than 10, skip to next child.</i>	4. Sex? 1=Boy 2=Girl 3=DK	5. READ: I would like to get [child name]'s exact birthdate. Can I please see his/her health card? <i>If there is no health card, ask for a birth certificate. If the FR is sure that the birth certificate does not have the child's actual birth date, enter the information the FR believes is most correct.</i> <i>Enter the date of birth.</i> YYYY / MM / DD	5b. Was the birth date obtained from the health card? 1. yes 2. No	6. Record the birthweight of the child, according to the health card. <i>If not available, ask "What was [child's name] weight at birth?"</i> 9.9 = Weight not measured at birth. 99.0 = Weight measured but FR does not know/ cannot discern it from health card. 6. Is this child's birth date between 01/04/2018 and 01/04/2012? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i> <i>If "NO", skip to next row.</i>	6a. Was birth weight obtained from health card? 1. Yes 2. No	7. Is the child's birth date between 01/10/2014 and 30/04/2018? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8. Is the child's birth date between 01/04/2012 and 31/09/2014? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8a. Are there any other living biological children whom you have not listed? 1. yes 2 No
				6. Child Age in Months:						
<i>Fill in today's date:</i>			Year (YYYY) : :	Month (MM) : :	Day (DD) : :					

	2. First Name ?	3. Age? (In years) <i>If under 12 months, enter 0. If under 12 months older than 10, skip to next child.</i>	4. Sex? 1=Boy 2=Girl 3=DK	5. READ: I would like to get [child name]'s exact birthdate. Can I please see his/her health card? <i>If there is no health card, ask for a birth certificate. If the FR is sure that the birth certificate does not have the child's actual birth date, enter the information the FR believes is most correct.</i> <i>Enter the date of birth.</i> YYYY / MM / DD	5b. Was the birth date obtained from the health card? 1. yes 2. No	6. Record the birthweight of the child, according to the health card. <i>If not available, ask "What was [child's name] weight at birth?"</i> 9.9 = Weight not measured at birth. 99.0 = Weight measured but FR does not know/ cannot discern it from health card. 6. Is this child's birth date between 01/04/2018 and 01/04/2012? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i> <i>If "NO", skip to next row.</i>	6a. Was birth weight obtained from health card? 1. Yes 2. No	7. Is the child's birth date between 01/10/2014 and 30/04/2018? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8. Is the child's birth date between 01/04/2012 and 31/09/2014? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8a. Are there any other living biological children whom you have not listed? 1. yes 2 No
C2	_____	__	__	Year (YYYY) : Month (MM) : Day (DD) :						
				6. Child Age in Months:						

2. First Name ?	3. Age? (In years) <i>If under 12 months, enter 0. If under 12 months older than 10, skip to next child.</i>	4. Sex? 1=Boy 2=Girl 3=DK	5. READ: I would like to get [child name]'s exact birthdate. Can I please see his/her health card? <i>If there is no health card, ask for a birth certificate. If the FR is sure that the birth certificate does not have the child's actual birth date, enter the information the FR believes is most correct.</i> <i>Enter the date of birth.</i> YYYY / MM / DD	5b. Was the birth date obtained from the health card? 1. yes 2. No	6. Record the birthweight of the child, according to the health card. <i>If not available, ask "What was [child's name] weight at birth?"</i> 9.9 = Weight not measured at birth. 99.0 = Weight measured but FR does not know/ cannot discern it from health card. 6. Is this child's birth date between 01/04/2018 and 01/04/2012? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i> <i>If "NO", skip to next row.</i>	6a. Was birth weight obtained from health card? 1. Yes 2. No	7. Is the child's birth date between 01/10/2014 and 30/04/2018? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8. Is the child's birth date between 01/04/2012 and 31/09/2014? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8a. Are there any other living biological children whom you have not listed? 1. yes 2 No
Fill in today's date:				Year (YYYY) : 	Month (MM) : 	Day (DD) : 			
C3				Year (YYYY) : 	Month (MM) : 	Day (DD) : 			

	2. First Name ?	3. Age? (In years) <i>If under 12 months, enter 0. If under 12 months older than 10, skip to next child.</i>	4. Sex? 1=Boy 2=Girl 3=DK	5. READ: I would like to get [child name]'s exact birthdate. Can I please see his/her health card? <i>If there is no health card, ask for a birth certificate. If the FR is sure that the birth certificate does not have the child's actual birth date, enter the information the FR believes is most correct.</i> <i>Enter the date of birth.</i> YYYY / MM / DD	5b. Was the birth date obtained from the health card? 1. yes 2. No	6. Record the birthweight of the child, according to the health card. <i>If not available, ask "What was [child's name] weight at birth?"</i> 9.9 = Weight not measured at birth. 99.0 = Weight measured but FR does not know/ cannot discern it from health card. 6. Is this child's birth date between 01/04/2018 and 01/04/2012? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i> <i>If "NO", skip to next row.</i>	6a. Was birth weight obtained from health card? 1. Yes 2. No	7. Is the child's birth date between 01/10/2014 and 30/04/2018? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8. Is the child's birth date between 01/04/2012 and 31/09/2014? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8a. Are there any other living biological children whom you have not listed? 1. yes 2 No
				6. Child Age in Months:						
<i>Fill in today's date:</i>			Year (YYYY) : :	Month (MM) : :	Day (DD) : :					

	2. First Name ?	3. Age? (In years) <i>If under 12 months, enter 0. If under 12 months older than 10, skip to next child.</i>	4. Sex? 1=Boy 2=Girl 3=DK	5. READ: I would like to get [child name]'s exact birthdate. Can I please see his/her health card? <i>If there is no health card, ask for a birth certificate. If the FR is sure that the birth certificate does not have the child's actual birth date, enter the information the FR believes is most correct.</i> <i>Enter the date of birth.</i> YYYY / MM / DD	5b. Was the birth date obtained from the health card? 1. yes 2. No	6. Record the birthweight of the child, according to the health card. <i>If not available, ask "What was [child's name] weight at birth?"</i> 9.9 = Weight not measured at birth. 99.0 = Weight measured but FR does not know/ cannot discern it from health card. 6. Is this child's birth date between 01/04/2018 and 01/04/2012? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i> <i>If "NO", skip to next row.</i>	6a. Was birth weight obtained from health card? 1. Yes 2. No	7. Is the child's birth date between 01/10/2014 and 30/04/2018? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8. Is the child's birth date between 01/04/2012 and 31/09/2014? <i>Note that this is automatically calculated if done on surveyCTO (1=Yes, 2=No)</i>	8a. Are there any other living biological children whom you have not listed? 1. yes 2 No
C4	_____	_____	_____	Year (YYYY) : Month (MM) : Day (DD) :						
				6. Child Age in Months:						

8b. Does the FR have any living, biological children born between 30/04/2018 and 01/04/2012? 1 = Yes | 2 = No
If YES, continue. If NO, skip to section 5

SECTION 4A: SELECTION OF CHILDREN FOR PARTICIPATION IN STUDY

NOTE: IF SURVEY IS DONE IN SURVEYCTO, RANDOMIZATION OF KIDS IS DONE ON SURVEYCTO.

READ: Please give me just a few minutes while I fill some information into my form.

DO NOT ASK THE FOLLOWING QUESTIONS. Simply record the information.

KIDS BORN BTW 01/10/2014 TO 30/04/2018 ONLY

<p><i>First, list all children born between 01/10/2014 to 30/04/2018, copying information from the table above for questions 1a-4a.</i></p>			<p><i>Then, determine participation in study:</i></p> <ul style="list-style-type: none"> <i>• If only 1 children listed in table, mark question 7a as "yes" for those.</i> <p><i>If >2 children listed in table, use randomization procedure described below table to choose one participant.</i></p>			
1a. Child ID <i>(two-digit # from left column of table above)</i>	2a. Child First Name	3a. Child Age (in years)	4a. Child gender (1=Male, 2=Female)	5a. Result of die roll (1-6) <i>Write "88" if only 1 child listed in table.</i>	6a. Result of die re-roll (1-6) <i>Use "88" if no re-roll necessary.</i> <i>Do not leave blank.</i>	7a. Selected for participation in study (0=No, 1=Yes, 1 st child, 2=Yes, 2 nd child) <i>Max of 1 child. Do not leave blank.</i>
__ __	_____	__ yrs	__	__	__	__
__ __	_____	__ yrs	__	__	__	__
__ __	_____	__ yrs	__	__	__	__

Randomization procedure: (if more than 1 child is listed in table)

--Roll a die for each child and record results in question 5a. Indicate "yes" in question 7a for the child with the highest die results. If a tie for the highest roll, reroll the die for each tie, and record results in question 6a. Indicate "yes" in question 7a for the child with the highest die roll. There should be a maximum of 1 child selected to participate in the study.

BEFORE CONTINUING, CHECK THAT ALL CHILDREN LISTED IN TABLE ARE BORN BETWEEN 01/10/2014 AND 30/04/2018, AND NO LIVING, BIOLOGICAL CHILDREN BORN BETWEEN 01/10/2014 AND 30/04/2018 ARE MISSING. ALSO, CONFIRM YOU HAVE SELECTED A MAXIMUM OF ONE CHILD.

DO NOT ASK THE FOLLOWING QUESTIONS. Simply record the information.

KIDS BORN BTW 01/04/2012 TO 31/09/2014 ONLY

<i>First, list all children born between 01/04/2012 to 31/09/2014, copying information for questions 1b-7b.</i>			<i>Then, determine participation in study:</i> • If only 1 children listed in table, mark question 7b as "yes" for those. If >2 children listed in table, use randomization procedure described below table to choose one participant.			
1b. Child ID <i>(two-digit # from left column of table above)</i>	2b. Child First Name	3b. Child Age (in years)	4b. Child gender (1=Male, 2=Female)	5b. Result of die roll (1-6) <i>Write "88" if only 1 child listed in table.</i>	6b. Result of die re-roll (1-6) <i>Use "88" if no re-roll necessary. Do not leave blank.</i>	7b. Selected for participation in study (0=No, 1=Yes, 1 st child, 2=Yes, 2 nd child) <i>Max of 1 child. Do not leave blank.</i>
__ __	_____	__ yrs	__	__	__	__
__ __	_____	__ yrs	__	__	__	__
__ __	_____	__ yrs	__	__	__	__

Randomization procedure: (if more than 1 child is listed in table)

--Roll a die for each child and record results in question 5b. Indicate "yes" in question 7b for the child with the highest die results. If a tie for the highest roll, reroll the die for each tie, and record results in question 6b. Indicate "yes" in question 7b for the child with the highest die roll. There should be a maximum of 1 child selected to participate in the study.

BEFORE CONTINUING, CHECK THAT ALL CHILDREN LISTED IN TABLE ARE BORN BETWEEN 01/04/2012 AND 31/09/2014, AND NO LIVING, BIOLOGICAL CHILDREN BORN BETWEEN 01/04/2012 AND 31/09/2014 ARE MISSING. ALSO, CONFIRM YOU HAVE SELECTED A MAXIMUM OF ONE CHILD.

Note: For the rest of this survey, the participating children indicated in questions 7a and 7b above will be referred to as “1st PARTICIPATING CHILD” and “2nd PARTICIPATING CHILD

READ: Because you have (at least) one biological child born between April 1, 2016 and April 1, 2010, your child(ren) **[Name selected Under Child]** and **[Name selected Over Child]** are eligible to participate in our study.

If two children selected, say: These two children were randomly selected to participate in the study from your children born between April 1, 2016 and April 1, 2010.

I would also like to talk to the primary caregiver of this child (these children), if possible, if that person is not you.

I would like to invite you and your children to participate in this study. To participate in this study, we will ask you to do two things. We will ask questions about where your child(ren) live and what languages they speak. If you are the child(ren)’s primary caregiver, we will additionally ask you questions about your household, your child(ren)’s health and development, and your personal health and well-being. If you are not the child(ren)’s primary caregiver, we will ask you to refer us to that person so that we can ask them these questions. Second, we will ask you to allow your child(ren) **[Name selected Under Child]** and **[Name selected Over Child]** to participate in a series of child assessment exercises. Most of these exercises will be described as “games” to your child(ren). If you’d like, you may be present during the exercises. If you are not present, we may ask a caregiver to be present if it will make your child(ren) feel more at ease.

If 1 child selected READ: The length of the interview will depend on the number and age of your children, but in general we expect it to range between one to one and a half hours.

If 2 children selected READ: The length of the interview will depend on the number and age of your children, but in general we expect it to range between one to two and a half hours.

To thank the child’s primary caregiver for their time and participation in the interview, we will offer a small gift after the interview.

Participation in research is completely voluntary and you have the right to decline to allow your child to participate or to withdraw you/your child(ren) at any point in this study without penalty.

There will be no cost to you for participating in this study. There is also no direct benefit to you or your child(ren) personally for taking part in this interview. Your responses will help us to determine the impact of deworming treatment programs on the outcomes of beneficiaries' children, and the cost-effectiveness of such programs.

We will keep your/your child(ren)'s study data as confidential as possible. If we publish or present results of this study, we will not use individual names or other personally identifiable information. To help protect confidentiality, any information that identifies you will be separated from your other answers. Your identifying information will be replaced with a code, so that only our researchers will be able to track your answers back to you. We plan to keep this identifying information for the foreseeable future, in case we want to conduct future studies, but we will follow the same steps we just described to keep it as confidential as possible.

8. Will you participate in this component of the study, and will you allow your child(ren) to participate in the assessments? |____|

1 = Yes-FR agrees to participate and allow all eligible children to participate

2 = No-FR refuses to participate

3 = No-FR does not refuse but is unable to participate) ***Mark "yes" if the FR wants to participate, even if they must reschedule for a later time.***

4 = Yes-FR agrees to participate and allows one eligible child but not another to participate

If "1", skip to Section 5.

If NO, skip to question 9.

If "4":

8ai. Record the two-digit ID of the child the parent ALLOWS to participate |____| |____|

8aii. Name of child the parent ALLOWS to participate |_____|

8bi. Record the two-digit ID of the child the parent does NOT ALLOW to participate |____| |____|

8bii. Name of child the parent does NOT ALLOW to participate |_____|

9. ***Describe your impressions of the refusal / inability to participate. Do not ask.*** |____|

2 = Refusal for this round only (***skip to question 9a***)

3 = Refusal for this round and any future rounds (***skip to question 9a***)

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 (***READ: Thank you very much for your time. End interview and proceed to Section 5.***)

7 = Unable to survey – mental illness / disability (***READ: Thank you very much for your time. End interview and proceed to Section 5.***)

10 = Unable to survey – other (***skip to question 9c***)

9a. ***Record your impressions of why the FR refuses to participate. If you feel comfortable doing so, you may ask the FR why:*** Why don't you want to participate? ***Choose up to 3***

1 = Survey too long / doesn't have time

2 = FR has caregiving duties

3 = FR has to work

4 = FR doesn't want to disclose personal information

5 = FR is suspicious of IPA

6 = FR hasn't received (further) assistance from IPA

7 = FR doesn't want to / no reason given

8 = FR doesn't want his/her children involved in a study

777 = Other (specify) Other: _____

Skip to NON-PARTICIPANT STATEMENT

9b. 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? _____

Skip to "Non-participant Statement".

9c. Record your impressions of why we are unable to survey the respondent during this round.

READ: Thank you very much for your time. **Proceed to Section 5.**

Non-Participant Statement: **READ:** If you change your mind and would like to participate in the child component of the interview, please contact Brenda Ochieng' at the IPA office.

If the FR refused for ANY children to participate, skip to Section 5.

Otherwise, continue.

SECTION 4C: CHILD AVAILABILITY

Fill in questions 1 and 2 from above.

Remember, Participating Child 1 MUST BE born between 01/10/2014 and 30/04/2018, and Participating Child 2 MUST BE born between 01/04/2012 and 31/09/2014.

Then read question 3.

Participating Child 1: Child born between 01/10/2014 and 30/04/2018 If no Child 1, skip to Child 2.	1a. Child ID <input type="text"/> <input type="text"/>	2a. Participating Child Name <input type="text"/>	3a. Are you the primary caregiver for [child name] ? (1=Yes, 2=No) <input type="text"/>
Participating Child 2: Child born between 01/04/2012 and 31/09/2014 If no Child 2, continue to Section 4B Note 1	1b. Child ID <input type="text"/> <input type="text"/>	2b. Participating Child Name <input type="text"/>	3b. Are you the primary caregiver for [child name] ? (1=Yes, 2=No) <input type="text"/>

3c. Are you the primary caregiver for [Name selected Child 1]? (1=Yes, 2=No) |_____|

If No, skip to Question before PRIMARY CAREGIVER FOR PARTICIPATING CHILD 1 INFO, otherwise continue.

PRIMARY CAREGIVER FOR PARTICIPATING CHILD 1 INFO

READ: We would like to contact the primary caregiver to arrange an interview with him/her and [Name selected Child 1]

7. Name of primary caregiver: _____

8a. Please give me that number.

i. **If Kenyan phone number**, Number: |_0_|____|____|____|____|____|____|____|____|____|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |____| Other: _____

B. Number: _____

9. Can you give me another phone number to reach the caregiver? 1 = Yes | 2 = No |____|

Probe FR for a second phone number. If YES, continue. If NO, skip to "PRIMARY CAREGIVER FOR PARTICIPATING CHILD 2".

9a. Please give me that number.

i. **If Kenyan phone number**, Number: |_0_|____|____|____|____|____|____|____|____|____|

ii. **If non-Kenyan phone number:**

A. Country of phone number: **Use G1 codes.** |____| Other: _____

B. Number: _____

9b. Whose phone is this? **Write name.** _____

10. **READ:** Please tell me where this person lives.

10a. Country? **Use G1 codes.** |____| Other: _____

10b. County? **Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes.** |____| Other: _____

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

10c. 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: _____

10d. Which town / city? **Use G3a codes. Code 20=Lives in a rural area.** Other: _____

If LIVES IN A RURAL AREA, continue. OTHERWISE, skip to question 10g.

10e. Location? **For FRs born in Uganda, ask for “county” rather than “location”. Use G3b codes.** | ____ | Other: _____

10f. Sub-location? **For FRs born in Uganda, ask for “sub-county” rather than “sub-location”. Use G3c codes.** | ____ | Other: _____

10g. Village / Neighborhood? **Write.** (999 = DK)

11. Postal Address? Write. (888 = None | 999 = DK) **DESCRIBE LOCATION WHERE FR COLLECTS MAIL, OR POSTAL ADDRESS.**

12. 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. REFERENCES TO SPECIFIC BUSINESSES OR HOMES (“ASK FOR THE HOME OF...”) SHOULD BE INCLUDED WHERE POSSIBLE. (DK=99).

Do not read this aloud, just simply record your impressions: can we do the assessment now?

1 = Yes | 2 = No

Child 1 Appointment date of interview:(DD/MM/YYYY)

| ____ | / | ____ | / | ____ | ____ | ____ |

If there no selected Child aged Over, skip to the “PRIMARY CAREGIVER FOR PARTICIPATING CHILD 2” otherwise continue

If there is already Child 1 selected READ: Does [Participating Child 1] usually live in the same house together with [Participating Child 2]?

If yes, Skip to the Contents sections of the I+ Module, otherwise continue

READ: Are you the primary caregiver for [Participating Child 2]?

IF “YES”, skip to the I-Module Contents otherwise, continue.

READ: We would like to contact the primary caregiver to arrange an interview with him/her and [Participating Child 2]?

13. Name of primary caregiver: _____

14a. Phone number for caregiver

i. **If Kenyan phone number, Number:** | _0_| ____ | ____ | ____ | ____ | ____ | ____ |

ii. ***If non-Kenyan phone number:***

A. Country of phone number: **Use G1 codes.** | | Other: _____
B. Number: _____

14b. Whose phone is this? ***Write name.*** _____

15. Can you give me another phone number to reach the caregiver? (1=Yes, 2=No) | |
Probe FR for a second phone number. If YES, continue. If NO, skip to Section 4.

15a. Please give me that number.

ii. ***If non-Kenyan phone number:***

A. Country of phone number: **Use G1 codes.** | | Other: _____

B. Number: _____

15b. Whose phone is this? **Write name.**

16. **READ:** Please tell me where this person lives.

16a. Country? **Use G1 codes.** | | Other:

16b. County? Refer to "1992 district" if FR does not know county (1992 district and county are equivalent). For contacts living in Uganda, this is "district" rather than "county". Use G2a codes. | | Other: _____

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

16c. 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:

16d. Which town / city? *Use G3a codes. Code 20=Lives in a rural area.* Other:

PROCEED TO THE I+ MODULE CONTENTS. IF DECEASED FR. END INTERVIEW THE FR.

Section 5: MENTAL HEALTH, STRESS, AND PSYCHOSOCIAL FACTORS

Section 5.1: Happiness and Depressive Symptoms- CES-D Scale

CES-D

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
- 666 = ***(Do not read aloud)***: Refuses to respond
- 999 = ***(Do not read aloud)***: Don't know

READ: Nitasoma orodha ya baadhi ya njia unazoweza kuhibi au kutenda. Tafadhalii onyesha ni mara ngapi umejisikia hivi katika wiki iliyopita, kwa kutumia kiwango kifuatacho.

- 1 = Mara chache au hakuna wakati wowote
- 2 = Wakati fulani au kidogo
- 3 = Mara kwa mara au muda wa wastani
- 4 = Wakati wote
- 666 = ***(Uisisome kwa sauti)***: Refuses to respond
- 999 = ***(Uisisome kwa sauti)***: Don't Know

Show the respondent scale #1. Demonstrate that they should select their response using the scale.

NOTE: FOR THE REST OF THE QUESTIONS IN THIS SECTION, READ THE QUESTIONS EXACTLY AS WRITTEN. YOU MAY REPEAT ANY QUESTIONS 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.

<p>In the past week, I was bothered by things that usually don't bother me</p> <p>a. Katika wiki iliyopita, nilisumbuliwa na mambo ambayo kwa kawaida huwa hayanisumbui <input type="text"/></p>
<p>b. In the past week, I had a problem in concentration on what I was doing</p> <p>Katika wiki iliyopita, nilikuwa na tatizo la kuzingatia nilichokuwa nikifanya <input type="text"/></p>

c.	In the past week, I felt depressed and troubled in my mind <i>Katika wiki iliyopita, nilihisi huzuni na wasiwaso akilini mwangu</i>	<input type="checkbox"/>
d.	In the past week, I felt that everything that I did took up all my energy <i>Katika wiki iliyopita, nilihisi kwamba kila kitu nilichofanya kilichukua nguvu zangu zote</i>	<input type="checkbox"/>
e.	In the past week, I felt hopeful about the future <i>Katika wiki iliyopita, nilihisi matumaini kuhusu siku zijazo</i>	<input type="checkbox"/>
f.	In the past week, I felt afraid <i>Katika wiki iliyopita, nilihisi uoga</i>	<input type="checkbox"/>
g.	In the past week, I had difficulty in sleeping peacefully <i>Katika wiki iliyopita, nilikuwa na shida ya kulala kwa amani</i>	<input type="checkbox"/>
h.	In the past week, I was happy <i>Katika wiki iliyopita, nilikuwa na furaha</i>	<input type="checkbox"/>
i.	In the past week, I felt lonely <i>Katika wiki iliyopita, nilihisi upweke</i>	<input type="checkbox"/>
j.	In the past week, I lacked the motivation to do anything <i>Katika wiki iliyopita, sikuwa na motisha ya kufanya chochote</i>	<input type="checkbox"/>

READ: Now I would like to read some statements to you. Tell me whether you agree or disagree with each.

Show the respondent scale #2. Demonstrate that they should select their response using the scale.

READ: Sasa ningependa kukusomea baadhi ya taarifa. Niambie kama unakubali au hukubaliani na kila moja.

<p>1. I feel proud to show my friends or other visitors where I live.</p> <p>1. Ninajivunia kuwaonyesha marafiki zangu au wageni wengine ninapoishi.</p>	<p>Probe: Do you agree or disagree very strongly?</p> <p>5 = Agree very strongly 4 = Agree 3 = Neither agree nor disagree 2 = Disagree 1 = Disagree very strongly 666 = (Do not read) Refuses to respond 888 = (Do not read) N/A 999 = (Do not read) Don't Know</p>	<input type="text"/>
<p>2. I feel proud of the work that I do.</p> <p>Even if the FR doesn't "work" in the traditional sense, ask them to consider the things that they do (school, housework, etc).</p> <p>2. Ninajivunia kazi ninayofanya.</p>	<p>Probe: Unakubali au unakataa kabisa</p> <p>5 = Unakubali kabisa 4 = Kubali 3 = Sikubali wala kukataa 2 = Sikubali 1 = Sikubali kabisa 666 = (Do not read) Refuses to respond 888 = (Do not read) N/A 999 = (Do not read) Don't Know</p>	<input type="text"/>
<p>3. I feel proud of my child/children.</p> <p>Use code "888" if FR has no children.</p> <p>3. Ninajivunia mtoto/watoto wangu.</p>	<p>Probe: Unakubali au unakataa kabisa</p> <p>5 = Unakubali kabisa 4 = Kubali 3 = Sikubali wala kukataa 2 = Sikubali 1 = Sikubali kabisa 666 = (Do not read) Refuses to respond 888 = (Do not read) N/A 999 = (Do not read) Don't Know</p>	<input type="text"/>

Section 5.2: World Values Survey

1. Taking all things together, would you say you are **(read out and code one answer)**:

4 = Very happy | 3 = Rather happy | 2 = Not very happy | 1 = Not at all happy |

1. Ukiweka kila kitu pamoja, ungesema wewe una **(read out and code one answer):**

4 = Furaha sana | 3 = Furaha Kiasi | 2 = Huna furaha sana | 1 = Huna furaha hata kidogo

2. Some people feel they have completely free choice and control over their lives, while other people feel that what they do has no real effect on what happens to them.

Please use this scale where 1 means "no choice at all" and 10 means "a great deal of choice" to indicate how much freedom of choice and control you feel you have over the way your life turns out **(code one number)**:

Show the respondent scale #3. Demonstrate that they should select their response using the scale. (1-10, 666= Refuses to respond, 999= DK) |

2. Baadhi ya watu wanahisi kuwa wana uhuru wa kuchagua na kudhibiti maisha yao, huku watu wengine wakihisi kwamba wanachofanya hakina matokeo ya kweli kwa kile kinachotokea kwao.

2. Tafadhali tumia kiwango hiki ambapo 1 inamaanisha "hakuna chaguo hata kidogo" na 10 inamaanisha "chaguo kubwa" ili kuonyesha ni kiasi gani cha uhuru wa kuchagua na udhibiti unaohisi unao juu ya jinsi maisha yako yanavyokuwa (**code one number**):

3. Some people believe that individuals can decide their own destiny, while others think that it is impossible to escape a predetermined fate. Please tell me which comes closest to your view on this scale on which 1 means "everything in life is determined by fate" and 10 means "people shape their fate themselves."

3. Watu wengine wanaamini kwamba watu binafsi wanaweza kujiamulia hatima yao wenyewe, na wengine wanakifirkira kwamba haiwezekani kuepuka hatima iliyoamuliwa kimbele. Tafadhali niambie ni gani inakaribiana na maoni yako katika kiwango hiki ambacho 1 inamaanisha "kila kitu maishani huamuliwa na hatima" na 10 inamaanisha "watu hutengeneza hatima yao wenyewe."

Show the respondent scale #4. Demonstrate that they should select their response using the scale. (1-10, 666= Refuses to respond, 999= DK) |____|

4. All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied" where would you put your satisfaction with your life as a whole?

4. Mambo yote yakizingatiwa, umeridhika kwa kiasi gani na maisha yako kwa ujumla siku hizi? Kwa kutumia kadi hii ambayo 1 ina maana "hujaridhika kabisa" na 10 inamaanisha "umeridhika kabisa" unaweza kuweka wapi kuridhika kwako na maisha yako kwa ujumla?

Show the respondent scale #5. Demonstrate that they should select their response using the scale. (1-10, 666= Refuses to respond, 999= DK) |____|

5. How satisfied are you with the financial situation of your household? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied"

5. Je, umeridhishwa kwa kiasi gani na hali ya kifedha ya nyumba yako? Kutumia kadi hii ambayo 1 ina maana "hujaridhika kabisa" na 10 inamaanisha "kuridhika kabisa"

Show the respondent scale #5. Demonstrate that they should select their response using the scale. (1-10, 666= Refuses to respond, 999= DK) |____|

Section 5.3: Beck's Anxiety Inventory

READ: Below is a list of common symptoms of anxiety. I will read out to you a list of each item. Indicate how much you have been bothered by that symptom during the past month.

READ: Chini ni orodha ya dalili za kawaida za wasiwasi. Nitakusomea orodha ya kila kitu.. Onyesha ni kiasi gani umesumbuliwa na dalili hiyo katika mwezi uliopita.

Show the respondent scale #6. Demonstrate that they should select their response using the scale.

	0 = Not At All 0 = Sio hivyo kabisa	1 = Mildly but it didn't bother me much 1 = Kidogo lakini haikunisumbu a sana	2 = Moderately- it wasn't pleasant at times 2 = Kiasi-haikuwa ya kupendeza wakati mwingine	3 = Severely - it bothered me a lot 3 = Sana-ilinisumbua sana
1. Numbness or tingling <i>Kufa ganzi au kuwashwa</i>	0	1	2	3
2. Feeling hot <i>Kuhisi joto</i>	0	1	2	3
3. Wobbliness in legs <i>Kutetemeka kwa miguu</i>	0	1	2	3
4. Unable to relax <i>Kutoweza kutulia</i>	0	1	2	3
5. Fear of worst happening <i>Uoga wa mabaya kutokea</i>	0	1	2	3
6. Dizzy or lightheaded <i>Kizunguzungu au kichwa kuwa nyepesi</i>	0	1	2	3
7. Heart pounding/racing <i>Mapigo ya moyo /moyo kwenda mbio</i>	0	1	2	3

8. Unsteady <i>Kutokua imara</i>	0	1	2	3
9. Terrified or afraid <i>Kuogopa</i>	0	1	2	3
10. Nervous <i>Kuwa na wasiwasi</i>	0	1	2	3
11. Feeling of choking <i>Kuhisi kukabwa kwa koo</i>	0	1	2	3
12. Hands trembling <i>Kutetemeka kwa mikono</i>	0	1	2	3
13. Shaky/unsteady <i>Kutetemeka /kutokua imara</i>	0	1	2	3
14. Fear of losing control <i>Hofu ya kupoteza udhibiti</i>	0	1	2	3
15. Difficulty in breathing <i>Ugumu wa kupumua</i>	0	1	2	3
16. Fear of dying <i>Hofu ya kufa</i>	0	1	2	3
17. Scared <i>Uoga</i>	0	1	2	3
18. Indigestion <i>Chakula kukosa Kushiagika tumboni</i>	0	1	2	3
19. Faint/lightheaded <i>Kuzimia/kuwa na kichwa chepesi</i>	0	1	2	30
20. Face flushed <i>Uso ulio na Madoadoa</i>	0	1	2	3

mekundu				
21. Hot/cold sweats Jasho moto/baridi	0	1	2	3

Section 5.4: Generalized Self Efficacy

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

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

Use the following scale: **Show the respondent scale #7. Demonstrate that they should select their response using the scale.**

1=Not at all true

2=Not very true

3=Somewhat true

4=Completely true

666= **(Do not read):** Refuses to respond

999= **(Do not read):** Don't know

READ: Sasa nitasoma taarifa ambazo zinaweza kukuhusu au zisikuhusu. Kwa kila taarifa, tafadhal niambie ni kwa kiwango gani ni kweli kwako.

1 = Si kweli hata kidogo

2 = Si kweli kabisa

3 = Kweli kwa kiasi fulani

4 = Kweli kabisa

666 = **(Do not read):** Refuses to respond

999 = **(Do not read):** Don't know

1. I can always manage to solve difficult problems if I try hard enough. Ninaweza kusuluhisha shida ngumu kila wakati ikiwa nitajaribu vya kutosha.	__
2. If someone opposes me, I can find the means and ways to get what I want. Ikiwa mtu atanipinga, ninaweza kupata uwezo na njia za kupata kile ninachotaka.	__
3. It is easy for me to stick to my aims and accomplish my goals. Ni rahisi kwangu kushikamana na malengo yangu na kuyatimiza	__
4. I am confident that I could deal efficiently with unexpected events. Nina hakika kwamba ningeweza kukabiliana kwa ufanisi na matukio yasiyotarajiwa.	__

5. Thanks to my resourcefulness, I know how to handle unforeseen situations. <i>Asante kwa ubunifu wangu, najua jinsi ya kushughulikia hali zisizotarajiwa.</i>	<input type="text"/>
6. I can solve most problems if I invest the necessary effort. <i>Ninaweza kutatua shida nyingi ikiwa nitawekeza juhudi zinazohitajika.</i>	<input type="text"/>
7. I can remain calm when facing difficulties because I can rely on my coping abilities. <i>Ninaweza kubaki mtulivu ninapokumbana na matatizo kwa sababu ninaweza kutegemea uwezo wangu wa kukabiliana na hali hiyo.</i>	<input type="text"/>
8. When I am confronted with a problem, I can usually find several solutions. <i>Ninapokabiliwa na shida, kwa kawaida naweza kupata suluhisho kadhaa.</i>	<input type="text"/>
9. If I am in trouble, I can usually think of a solution. <i>Nikiwa na shida, kwa kawaida naweza kufikiria suluhisho.</i>	<input type="text"/>
10. I can usually handle whatever comes my way. <i>Kawaida naweza kushughulikia chochote kinachonijia.</i>	<input type="text"/>

Section 5.5: Big 5 Personality Measures

READ: Now I will read a list of statements that may or may not apply to you. Please show me whether you agree strongly, agree a little, feel neutral/no opinion, disagree a little or disagree strongly. **Show the respondent scale #8. Demonstrate that they should select their response using the scale.**

1 = Disagree strongly

2 = Disagree a little

3 = Neutral: no opinion

4 = Agree a little

5 = Agree strongly

666 = **(Do not read aloud):** Refuses to respond

999 = **(Do not read aloud):** Don't know

READ: Sasa nitasoma orodha ya taarifa ambazo zinaweza kukuhusu au zisikuhusu. Tafadhali nionyeshe kama unakubali kabisa, unakubali kidogo, unajihisi kutoegemea upande wowote/huna maoni yoyote, hukubaliani kidogo au hukubaliani kabisa.

1 = Sikubaliani kabisa

2 = Sikubaliani kidogo

3 = Siegemei upande wowote: sina maoni

4 = Kubali kidogo

5 = Kubali kabisa

666 = (Do not read aloud): Refuses to respond

999 = (Do not read aloud): Don't know

For each statement, READ: Do you Agree strongly, Agree a little, Disagree a little, Disagree Strongly or are neutral/have no opinion that the following statement describes you. [READ STATEMENT]

For each statement, READ: Je, unakubali kabisa, unakubali kidogo, haukuliani kidogo, haukuliani kabisa au hauegemei upande wowote/huna maoni yoyote kwamba taarifa ifuatayo inakuelezea wewe. [READ STATEMENT]

1. Tends to be quiet. <i>Wewe huwa mnyamavu.</i>	__
2. Is compassionate, has a soft heart. <i>Una huruma, una moyo wa upole.</i>	__
3. Tends to be disorganized. <i>Wewe huwa huna mpangilio.</i>	__
4. Worries a lot. <i>Una wasiwasi sana.</i>	__
5. Is fascinated by art, music, or literature. <i>Unavutiwa na sanaa, muziki au fasihi.</i>	__
6. Is dominant, acts as a leader. <i>Unatawala, hufanya kama kiongozi.</i>	__
7. Is sometimes rude to others. <i>Wakati mwingine una kiburi kwa wengine.</i>	__
8. Has difficulty getting started on tasks. <i>Una ugumu wa kuanza kazi.</i>	__
9. Tends to feel depressed, blue. <i>Wewe hujisikia kusononeka au kuwa na huzuni.</i>	__
10. Has little interest in abstract ideas. <i>Una hamu kidogo kwa mawazo ya kubuni.</i>	__
11. Is full of energy. <i>Una nguvu nyingi.</i>	__
12. Assumes the best about people.	__

Una fikira njema kuhusu watu wengine	
13. Is reliable, can always be counted on. Unaaminika unaweza kutegemewa kila mara	__
14. Is emotionally stable, not easily upset. Umetulia kihisia, haukasiriki kwa urahisi.	__
15. Is original, comes up with new ideas Ni wa kiasili, unakuja na mawazo mapya	__

Section 6: Health

[DO NOT READ]: The questions in this section are more personal. Please try to ensure the privacy of the FR.

Section 6.1 Current Health Status

1. Would you describe your general health as very good, somewhat good, or not good? 1. Kwa maoni yako mwenyewe unaweza kueleza hali yako ya afya kwa ujumla kuwa nzuri sana, nzuri kiasi, au sio nzuri? 1= Very Good Nzuri sana 2= Somewhat good Nzuri kiasi 3= Not good Sio nzuri If Q1=2 or 3, continue. Else go to skip to Q3=1.	__
2. Would you describe your general health as good, fair, poor, or very poor? 1 = Good 2 = Fair 3 = Poor 4 = Very poor 2. Je, unaweza kueleza afya yako kwa ujumla kuwa nzuri, kadri, mbaya au mbaya sana? 1 = Nzuri 2 =Kadri 3 =Mbaya 4 = Mbaya sana	__
3. During the last 4 weeks , how many days of work or housework or school did you miss due to poor health? 3. Katika wiki 4 zilizopita, ni siku ngapi za kazi au kazi za nyumbani au za shule ulikosa kwa sababu ya afya mbaya? 0 = None 888 = N/A	__

Section 6.2: Health behavior

Section 6.2.1: Smoking

READ: Now I am now going to ask you some questions about smoking.

Sasa nitakuuliza maswali kuhusu kuvuta sigara.

1. Have you ever smoked cigarettes?

Note: By ever smoked we mean smoking more than 100 cigarettes in your lifetime. Do not include pipes or cigars.

1 = Yes | 2 = No | 666 = Refused to answer | ____ |

1. Je, umewahi kuvuta sigara? **Note:** Kwa kuvuta sigara tunamaanisha zaidi ya sigara 100 katika maisha yako. Usijumuise pipes au cigars.

1a. [Ask if Q1=1] How old were you when you started smoking? Age | ____ |

1a. Je, ulikuwa na umri gani ulipoanza kuvuta sigara?

2. **[Ask if Q1=1]** In the last 7 DAYS, have you smoked any cigarettes? 1 = Yes | 2 = No | ____ |

2. Katika siku 7 zilizopita, umevuta sigara yoyote?

3. **[Ask if Q1=1]** How many cigarettes or packs have you smoked in the past 7 DAYS?

3. Je, umevuta sigara au pakiti ngapi katika SIKU 7 zilizopita?

Enumerator note: There are 20 cigarettes in a pack

Number of cigarettes | ____ | (999 = Don't know | 888 = N/A)

or Number of packs | ____ | (999 = Don't know | 888 = N/A)

4. **[Ask if Q1=1]** Have you been regularly smoking in the last 12 months? 1 = Yes | 2 = No | ____ |

4. Je, umekuwa ukivuta sigara mara kwa mara katika miezi 12 iliyopita?

5. Does any usual member of your household regularly smoke inside the home?

1 = Yes | 2 = No | ____ |

5. Je, kuna mtu yeyote wa kawaida wa nyumba yako anayevuta sigara ndani ya nyumba yako mara kwa mara?

6. Does anyone at your work site regularly smoke? 1 = Yes | 2 = No | ____ |

6. Je, kuna mtu yeyote mahali pako pa kazi huvuta sigara mara kwa mara?

Section 6.2.2: Drinking

READ: Now I am now going to ask you some questions about drinking.

READ: Sasa nitauliza maswali kuhusu kunywa pombe.

1. Have you ever consumed any alcoholic beverages such as beer, wine, liquor, country liquor etc.? 1 = Yes | 2 = No, never | 666 = Refused to answer |____|

1. Je, umewahi kunywa vimeo kama vile bia, divai, au pombe?

If Q1=1, continue. Else go to section 6.3

2. [Ask only if Q1=1] At what age did you first consume alcoholic beverages? Age |____|

2. Ulikunywa pombe kwa mara ya kwanza ukiwa na umri wa miaka ngapi?

3. [Ask only if Q1=1] In the last 7 DAYS, how many alcoholic drinks have you had? If unsure, please estimate.

3i. Bottles of beer (Chupa ya Beer) |____|
3ii. Glasses of wine (Glass za wine) |____|
3iii. Shots of liquor (Shots za pombe) |____|
3iv. (Traditional drink) (Pombe za Kienyeji) |____|

FO Note: Probe FR to estimate if they drink too much and don't know

Katika siku 7 zilizopita, ni vinywaji vingapi vya pombe ulikunywa? Kama huna uhakika tafadhali kadiria. Hapa tunamaanisha idadi ya vipimo (chupa, glasi, n.k) kwa jumla.

4. [Ask only if Q3>0] In the last 7 DAYS, what type of drinks did you drink? [Select all that apply]

4. Katika siku 7 zilizopita, ulikunywa vinywaji gani? [Select all that apply] |____|

1 = Beer
2 = Wine
3 = Coastal Palm Wine (Mnazi)
4 = Liquor / Spirits (e.g. Vodka, Whiskey, Rum, Gin)
5 = Traditional liquor (Changa'a, Busa'a)
777 = Other, please specify _____

5. [Ask only If Q1=1] In the last 3 months, how frequently on average, have you had at least 5 or more drinks on one occasion? |____|

0 = Never
1 = Less than once a month
2 = One to three days per month
3 = One to four days per week
4 = Five or more days per week
5 = Daily

5. Katika miezi mitatu iliyopita, ni mara ngapi kwa kawaida umekunywa vinywaji vitano au zaidi kwa tukio moja (one occasion)?

0 = Hakuna
1 = Chini ya mara moja kwa mwezi

2 = Siku moja hadi tatu kwa mwezi
 3 = Siku moja hadi nne kwa wiki
 4 = Siku tano au zaidi kwa wiki
 5 = Kila siku

Q6 – Q9. [Ask only if Q5>0]

I have a few more questions about drinking alcohol. Nina maswali machache zaidi kuhusu unywaji wa pombe.		1 = Yes 2 = No
6.	Have you ever felt that you should cut down on drinking? Je, umewahi kuhisi kwamba unafaa kupunguza unywaji wa pombe?	__
7.	Have people ever annoyed you by criticizing your drinking? Je, watu wamewahi kukuudhi kwa kukukosoa unywaji wako?	__
8.	Have you ever felt bad or guilty about drinking? Je, umewahi kujisikia vibaya au mwenye makosa kuhusu unywaji wa pombe?	__
9.	Have you ever taken a drink first thing in the morning to steady your nerves or get rid of a hangover? Umewahi kunywa kinywaji cha kwanza asubuhi ili kuimarisha mishipa yako au kuondoa hangover?	__

Section 6.3: Diagnoses & Major Health Episodes Recent illness or Symptoms

Section 6.3.1: Doctor Diagnosed: Ever Have Condition

1. Has a doctor ever Diagnosed you with the following Conditions? 1. Je, daktari amewahi kukupata na magojwa yafuatayo? 1 = Yes 2 = No 666 = Refused 999 = Don't know	__
(a) Hypertension (a) Shinikizo la damu/High blood pressure	__
(b) Diabetes (b) Ugonjwa wa kisukari	__
(c) COPD, lung disease (c) COPD, ugonjwa wa mapafu	__

(d) Heart problems (heart attack, coronary heart disease, angina, congestive heart failure, or other heart problems) (d) Matatizo ya moyo (mshtuko wa moyo, ugonjwa wa moyo, angina, kushindwa kwa moyo/congestive heart failure, au matatizo mengine ya moyo)	__
(e) Stroke (e) Kiharusi/stroke	__
(f) Arthritis or rheumatism (f) Arthritis au rheumatism	__
(g) Asthma (g) Pumu (Asthma)	__
(h) Emotional, nervous, or psychiatric problems (h) Matatizo ya kihisia, wasiwasi, au matatizo ya akili	__
(i) Memory-related disease (alzheimer, dementia, memory problem) (i) Magonjwa yanayohusiana na kumbukumbu (alzheimer, shida ya akili/dementia, shida ya kumbukumbu)	__
(j) High cholesterol (j) Cholesterol ya juu	__
(k) Osteoporosis (condition characterized by weak, brittle bones that are more prone to fracture or break.) (k) Osteoporosis/mifupa dhaifu (hali inayodhihirika na mifupa dhaifu, ambayo ni rahisi kuvunjika.)	__
(l) Liver disease (l) Ugonjwa wa maini	__
(m) Stomach or other digestive disease (m) Tumbo au ugonjwa mwingine wa njia ya utumbo	__
(n) Parkinson's disease (<i>disorder that affects movement. It is characterized by symptoms such as tremors, stiffness, and difficulty with balance and coordination</i>) (n) Ugonjwa wa Parkinson (shida inayoathiri mwendo/kutembea. Inaonyeshwa na dalili kama vile kutetemeka (tremors), ugumu (stiffness), na ugumu wa usawa na uratibu)	__
(o) Peptic ulcer disease (stomach or intestinal ulcers) (o) Ugonjwa wa ulcers (vidonda vya tumbo au matumbo)	__

(p) Kidney disease (p) Ugonjwa wa figo/kidney disease	__
(q) Anemia (q) Upungufu wa damu mwilini	__
(r) Cancer, excluding minor skin cancer (r) Saratani, ukiondoa saratani ndogo ya ngozi	__
(s) Tuberculosis (TB) (s) Kifua Kikuu (TB)	__

Section 6.3.2: Current condition

1. I am going to read to you a list of illnesses and symptoms. Please let me know if you have experienced any of these illnesses or symptoms in the **LAST FOUR WEEKS**.

1. Nitakusomea orodha ya magonjwa na dalili. Tafadhalii nijuliske ikiwa umekumbana na magonjwa au dalili zozote kati ya hizi katika **wiki nne zilizopita**.

Read options. 1 = Yes | 2 = No | 999 = DK what that symptom / illness is

(A) Fever Joto jingi (Fever)	__	(O) Tuberculosis (O) Kifua kikuu/TB	__
(B) Persistent cough Kikohozi cha kudumu	__	(P) Sores or ulcers on the genitals (P) Vidonda kwenye sehemu za siri	__
(C) Always feeling tired (C) Kuhisi uchovu kila wakati	__	(Q) Cholera (Q) Kipindupindu (Cholera)	__
(D) Stomach pain (D) Maumivu ya tumbo	__	(R) Yellow fever (R) Homa ya manjano (Yellow fever)	__
(E) Worms (E) Minyoo	__	(S) Asthma / breathlessness at night (S) Asthma / kukosa pumzi usiku	__
(F) Blood in stool (F) Damu kwenye kinyesi	__	(T) Frequent and excessive urination (T) Kukojua mara kwa mara kupita kiasi	__
(G) Rapid weight loss (G) Kupunguza uzito haraka	__	(U) Constant thirst / increased drinking of fluids (U) Kiu ya mara kwa mara / kuongezeka kwa unywaji wa maji	__
(H) Frequent diarrhea	__	(V) Depression or anxiety/tension/sleep problem	__

(H) Kuharisha mara kwa mara		(V) Msongo wa mawazo au wasiwas/mvutano/tatizo la usingizi	
(I) Skin rash or irritation (I) Upele wa ngozi au kuwasha	____	(W) Chronic pain in your joints/arthritis/rheumatism/osteoporosis (joints, back, neck) (W) Maumivu sugu kwenye viungo/arthritis/rheumatism/osteoporosis (viungo, mgongo, shingo)	____
(J) Open sores / boils (J) Vidonda wazi / majipu (Boils)	____	(X) Men only: Unusual discharge from the tip of the penis. (X) Men only: Kutokwa na majimaji yasiyo ya kawaida kutoka kwenye ncha ya uume.	____
(K) Difficulty Swallowing (K) Ugumu wa Kumeza	____	(Y) COVID-19 (Y) COVID-19	____
(L) Serious wound or injury (L) Kidonda au jeraha kubwa	____	(Z) COVID-19 related symptoms i.e loss of taste and difficulty in breathing (Z) Dalili za COVID-19 k.v kupoteza ladha au ugumu wa kupumua	____
(M) Malaria (M) Malaria	____	(ZA) High blood pressure (hypertension) (ZA) Shinikizo la damu (High Blood Pressure)	____
(N) Typhoid (N) Homa ya matumbo (Typhoid)	____	(ZB) Anything else I have not mentioned? (ZB) Kitu kingine chochote ambacho sijataja? 1 =Yes 2 = No 999 = DK If yes DESCRIBE OTHER SYMPTOM: _____	____

Section 6.3.3: Major health problem

1. Have you experienced any major health problems that seriously affected your life or work, since January **[YEAR OF LAST HEALTH INTERVIEW]**? 1 = Yes | 2 = No | 999 = DK |____|

1. Je, umekumbana na matatizo yoyote makubwa ya kiafya ambayo yaliathiri maisha yako au kazi tangu January **[YEAR OF LAST HEALTH INTERVIEW]**?

If YES, fill in the table starting at question 9, beginning with the most important problem. If NO, skip to the next section.

Fill in the table by proceeding across for question 8 and then down each column.

	(A) Problem #1	(B) Problem #2	(C) Problem #3
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<p>1a. What sort of health problem was this? [Select all that apply] 1a. Hili lilikuwa tatizo la kiafya la aina gani? Use H1 codes</p>	<p> ____ Other: _____</p>	<p> ____ Other: _____</p>	<p> ____ Other: _____</p>
<p>2. In what year and month did this health problem begin? 2. Tatizo hili la kiafya lilanza mwaka na mwezi gani?</p>	<p> ____ \ ____ ____ </p>	<p> ____ \ ____ ____ </p>	<p> ____ \ ____ ____ </p>
<p>3. In what year and month was this health problem resolved? (Still bothersome = 7777) 3. Je, tatizo hili la kiafya lilitatuliwa mwaka gani na mwezi gani? (Still bothersome = 7777)</p>	<p> ____ \ ____ ____ </p>	<p> ____ \ ____ ____ </p>	<p> ____ \ ____ ____ </p>
<p>4. What impact has this health problem had on your life? Use H2 codes. List up to 3. 1 = Cannot work all days or every time I need to (e.g. all days or every time I need to) 2 = Cannot work at all 3 = Serious debt problems 4 = General unhappiness 5 = Cannot move around freely 6 = Constant pain 7 = Cannot meet friends/relatives 777= Other (specify) 4. Tatizo hili la kiafya lina/lilikuwa na madhara gani kwenye maisha yako?</p>	<p> ____ / ____ / ____ Other: _____</p>	<p> ____ / ____ / ____ Other: _____</p>	<p> ____ / ____ / ____ Other: _____</p>

Section 6.3.4: Falls

1. In the past two years, have you fallen down? 1 = Yes | 2 = No |____|

1. Je, umeanguka chini katika miaka miwili iliyopita?

FO Note: A fall is an unintentional event that results in the person coming to rest on the ground or another lower level. Falls with certain initiating characteristics (e.g., loss of consciousness, stroke, overwhelming external force from a motor vehicle accident, or violence) are often excluded from the definition of falls

If Q1=2, go to Q4, otherwise continue

2. [Ask if Q1=1] How many times have you fallen in the last 2 years? Number of times: |____|
2. Umeanguka mara ngapi katika miaka 2 iliyopita? Number of times: |____|
3. [Ask if Q1=1] In that fall/in any of these falls, did you injure yourself seriously enough to need medical treatment? 1 = Yes | 2 = No |____|
3. Kwa kuanguka huko/katika mojawapo ya kuanguka huko, je, ulijjeruhi vibaya sana kiasi cha kuhitaji matibabu?
4. In the past 2 years, have you fractured any of your bones/joints? 1 = Yes | 2 = No |____|
4. Je, katika miaka 2 iliyopita, umevunjika mfupa/viungo vyovoyote?
5. In the past 2 years, have you undergone any surgery related to bones or joints?
5. Je, katika miaka 2 iliyopita, umefanyiwa upasuaji wowote unaohusiana na mifupa au viungo? 1 = Yes | 2 = No |____|
- 5a. [Ask only if Q5=1] Which bone or joint have you undergone surgery for? [Multiple answers are allowed] |____|
- 5a. Umefanyiwa upasuaji wa mfupa au kiungo gani? [Multiple answers are allowed]
1 = Shoulder
2 = Wrist
3 = Hip
4 = Knee
5 = Ankle
6 = Spine
7 = Hip replacement surgery
8 = Knee replacement surgery
9 = Shoulder replacement surgery
777 = Other, please specify

Section 6.4: Vaccinations and Health Investments

1. In the last two years, have you received any immunizations for adults, such as the influenza vaccine, COVID-19 vaccine or booster, pneumococcal vaccine, hepatitis B vaccine, or typhoid vaccine? [Multiple answers are allowed] 1. Katika miaka miwili iliyopita, je, umepokea chanjo zozote za watu wazima/wakubwa, kama vile chanjo ya mafua/influenza, chanjo ya COVID-19 au booster, chanjo ya pneumococcal, chanjo ya hepatitis B, au chanjo ya typhoid? 1 = Influenza vaccine 2 = Pneumococcal vaccine	____
---	------

<p>3 = Hepatitis B vaccine 4 = Typhoid vaccine 5 = Diphtheria and Tetanus (dT) 6 = Anti-rabies (verorab) 7 = Yellow Fever 8 = COVID-19 9 = Rotavirus 10 = Measles 11 = Polio Vaccine 777 = Other, please specify _____ 0 = None</p>	
<p>2. During the last 2 years, have you taken any drugs for worm infections or schistosomiasis? 1 = Yes 2 = No 999 = DK 2. Katika kipindi cha miaka 2 iliyopita, je, umetumia dawa zozote za maambukizo ya minyoo au kichocho?</p>	____
<p>3. Did you sleep under a bednet last night? 1 = Yes 2 = No 999 = DK 3. Je, ulilala ndani ya neti jana usiku?</p>	____
<p>4. During the last 2 years, have you... 4. Katika kipindi cha miaka 2 iliyopita, umewahi... a. Taken a cholesterol test? Umfanyiwa kipimo cha cholesterol b. Had a colon cancer screening? Je, ulikuwa na uchunguzi wa saratani ya utumbo mpana? 1 = Yes 2 = No 999 = DK</p>	a. ____ b. ____ ____
<p>For FEMALES: 5. During the last 2 years, have you... For FEMALES: Katika kipindi cha miaka 2 iliyopita, umewahi... a. Had a breast exam by a doctor? a. Ulifanyiwa uchunguzi wa matiti na daktari? b. Had a mammogram? Kupigwa xray ya matiti c. Had a pap smear? Kufanyiwa uchunguzi wa njia ya uzazi (Pap smear)? 1 = Yes 2 = No 999 = DK</p>	a. ____ b. ____ c. ____
<p>For MALES: 6. During the last 2 years, have you had a prostate exam or blood test for prostate cancer? 1 = Yes 2 = No 999 = DK For MALES: Je, katika kipindi cha miaka 2 iliyopita, umefanyiwa uchunguzi wa prostate exam or blood test for prostate cancer?</p>	____

Section 8: Health-Care access and utilization

Section 8.1: Health Care facility

<p>1. In the past 12 months, have you consulted any health care provider or health care professional? Note: Health care providers include pharmacists, doctors, nurses, etc. 1 = Yes 2 = No</p> <p>1. Katika miezi 12 iliyopita, umewasiliana na mto huduma wa afya au mtaalamu wa huduma za afya yeyote?</p> <p>If YES, continue. If NO, go to question 2.</p>	<input type="text"/>
<p>1a. [If Q1 = 1] Which health care provider you consulted in the past 12 months?</p> <p>1a. Ni mto huduma gani wa afya uliyemwona katika kipindi cha miezi 12 iliyopita?</p> <p>[Please identify ALL healthcare providers that you have visited]</p> <p>1 = Pharmacist/Chemist</p> <p>2 = Doctor (including surgeon, physician, gynecologist, psychiatrist, ophthalmologist and orthopedician)</p> <p>3 = Dentist</p> <p>4 = Clinical officer (CO)</p> <p>5 = Nurse/midwife</p> <p>6 = Physiotherapist</p> <p>7 = Traditional Healers/ religious healer</p> <p>8 = Community Health Promoters (CHP)</p> <p>777 = Other, please specify</p>	<input type="text"/>
<p>2. In the past 12 months, have you visited any health care facility? 1 = Yes 2 = No</p> <p>[FO note: health care facility includes hospitals, clinics and other health centers both private and public]</p> <p>2. Katika kipindi cha miezi 12 iliyopita, umetembelea kituo chochote cha huduma ya afya?</p> <p>If YES, continue. If NO, go to question 4.</p>	<input type="text"/>
<p>2a. Which health care facility have you visited?</p> <p>2a. Je, umetembelea kituo gani cha afya?</p> <p>[Please identify ALL the facilities that you have visited]</p> <p>FO Note: Probe for facility level if public, private or mission.</p>	<input type="text"/>

<p>1 = LEVEL 1 Facility – (e.g. Public Community Facilities)</p> <p>2 = LEVEL 2 Facility – (e.g. Public Health Dispensaries)</p> <p>3 = LEVEL 3 Facility – (e.g. Public Health Centres)</p> <p>4 = LEVEL 4 Facility – (e.g. Public County/Sub-County Hospitals)</p> <p>5 = LEVEL 5 Facility – (e.g. Public County Referral Hospitals.)</p> <p>6 = LEVEL 6 Facility – (e.g. Public National Referral Hospitals.)</p> <p>7 = Nursing Homes</p> <p>8 = Pharmacy / Chemist</p> <p>9 = Private Hospital / Clinic</p> <p>10 = Mission Hospital / Clinic</p> <p>777 = Other, please specify _____</p>	
<p>3. [Ask only if Q1 = 1 or Q2 = 1] What were the reasons for your last visit to the healthcare facility or health provider?</p> <p>3. Ni sababu gani za ziara yako ya mwisho katika kituo cha afya au mto hudumu wa afya?</p> <p>Select Multiple</p> <p>1 = Preventive checkup</p> <p>2 = Regular treatment/checkup/routine follow-up visit</p> <p>3 = Sickness</p> <p>4 = Injury/Violence</p> <p>5 = Childbirth / maternity care</p> <p>777 = Others, please specify _____</p>	____
<p>4. [Ask only if Q1 = 2 and Q2 = 2] What was your main reason for not consulting a healthcare provider or visiting a health facility?</p> <p>4. Je, ni nini ilikuwa sababu yako kuu ya kutowasiliana na mto huduma ya afya au kutembelea kituo cha afya ilikuwa ni nini?</p> <p>Select One</p> <p>1 = Did not get sick</p> <p>2 = Required to be at work</p> <p>3 = Didn't want to give up a day's work</p> <p>4 = Not enough money or cost was too high</p> <p>5 = Treatment was unlikely to be effective</p> <p>6 = Illness was not serious</p> <p>7 = Nobody to accompany</p> <p>8 = No quality facilities available nearby</p> <p>9 = Had medicine at home</p>	____

<p>10 = Family member(s) decided it wasn't required 11 = No healthcare facility nearby 777 = Other, please specify _____</p>	
<p>5. [Ask only if Q1=1] In the past 12 months, did a health care provider ever recommend you to go to any health care facilities (hospitals, clinics, health centers and e.g)? 1 = Yes 2 = No 999 = DK</p> <p>5. Katika miezi 12 iliyopita, mto huduma wa afya aliwahi kukupendekeza uende hospitali?</p>	__
<p>6. [Ask if Q5=1 and Q2=2] What were the reasons you decided against going to a facility? [Multiple answers are allowed]</p> <p>6. Ni sababu gani zilizokufanya uamue kutoenda hospitali? [Multiple answers are allowed]</p> <p>1 = Required to be at work 2 = Didn't want to give up a day's work 3 = Not enough money or cost was too high 4 = Treatment was unlikely to be effective 5 = Illness was not serious 6 = Nobody to accompany 7 = No quality facilities available nearby 8 = Had medicine at home 9 = Family member(s) decided it wasn't required 10 = Difficult to get to the health care provider 777 = Other, please specify _____</p>	__
<p>7. Were you ever admitted to any health care facility in the last 12 months?</p> <p>7. Je, uliwahi kulazwa katika kituo chochote cha huduma ya afya katika kipindi cha miezi 12 iliyopita?</p> <p>1 = Yes 2 = No</p> <p>If Yes, continue, if No, skip to section 8.2</p>	__
<p><i>The next questions ask the details about this admission.</i></p> <p>8. During the last 12 months, how many times were you admitted as a patient to any health care facility for at least one night? Note: Only include visits for the FR's own medical care, not that of a family member or friend.</p> <p>8. Katika miezi 12 iliyopita, ni mara ngapi ulilazwa kama mgonjwa hospitalini kwa angalau usiku mmoja?</p>	__

9. How many nights have you spent in the facility during the past 12 months? 9. Ni usiku ngapi ulilala hospitalini katika miezi 12 iliyopita?	__
10. In what year and month for the last hospitalization, did you get admitted to the facility? 10. Ni mwaka na mwezi gani kwa kulazwa kwako hospitalini kwa mwisho, ulilazwa katika kituo hicho cha matitabu?	__ \\ __ _ __ _
11. [IF FEMALE ASK]: Was the main reason for your hospitalization for child birth/ delivery or maternal or prenatal conditions (pregnancy-related problem or gynecological problems)? 11. Je, sababu kuu ya kulazwa kwako ilikuwa ni kwa ajili ya kuzaa/kujifungua au hali ya uzazi au ujauzito (tatizo linalohusiana na ujauzito au matatizo ya uzazi) ? 1 = Yes 2 = No If Yes continue and skip Q12 and Q15, if No skip to Q12	__
11a. [IF FEMALE ASK]: If it was childbirth, what type of delivery was it? 11a. Ikiwa ilikuwa ni kuzaa, ilikuwa ni aina gani ya kujifungua? 1 = Normal labor/natural childbirth 2 = C-Section Skip to Q13	__
12. What is the main reason for your last hospitalization? 12. Ni sababu gani kuu ya kulazwa hospitalini mara ya mwisho? Use H2 Codes	__
13. How many nights did you spend in the facility during your last hospitalization? 13. Ni usiku ngapi ulitumia kulala hospitalini wakati ulilazwa mara ya mwisho? [Ask only if Q8>1, skip otherwise]	Number of nights __
14. During your last hospitalization, what kind of treatment/services did you receive? [Multiple answers are allowed] 14. Wakati wa kulazwa kwako hospitalini kwa mwisho, ni aina gani ya matibabu / huduma ulipokea? [Multiple answers are allowed] 1 = Medical check-up (under observation/routine checkup) 2 = Injection & IV (drip infusion) 3 = Laboratory test (Blood/Urine/Stool/Sputum/Saliva) 4 = Endoscopy or colonoscopy 5 = Surgery	__

<p>6 = X-ray, CT scan, B ultrasonic, MRI 7 = Medications (allopathic) 8 = Traditional treatment (massage, acupuncture) 777 = Other, please specify_____</p>	
<p>15. After hospitalization, what was the change in your health condition? 15. Baada ya kulazwa hospitalini, ni mabadiliko gani katika hali yako ya afya? [Enumerator note: Read options to respondent]</p> <p>1 = Got much better Imekuwa bora zaidi ____ 2 = Got better Imekuwa bora 3 = Have no change Hakukuwa na mabadiliko 4 = Got worse Ilikua mbaya 5 = Got much worse Ilikua mbaya zaidi</p>	
<p>16. Who took care of you most of the time when you were admitted to the hospital? Use G4 Relationship Codes 16. Ni nani aliyejekutunza wakati mwingi ulipolazwa hospitalini?</p>	____
<p>17. Were you working at the time when you were last hospitalized? 17. Je, ulikuwa unafanya kazi wakati ulipokuwa umelazwa hospitalini mara ya mwisho? 1 = Yes 2 = No</p>	____
<p>18. How many total days of work did you and the person(s) accompanying you lose due to sickness? 18. Ni siku ngapi za kazi wewe na mtu aliyejekusindikiza mlipoteza kwa sababu ya ugonjwa? [Enter '0' if the respondent did not miss any working days]</p> <p>[Ask only if Q17=1] a. Number of your work days _____ [Ask only if Q17=1] a. Idadi ya siku zako za kazi _____ [Ask only if Q16!=33 and Q16!=32] b. Number of work days of accompanying person(s)_____ [Ask only if Q16!=33 and Q16!=32] b. Idadi ya siku za mtu(watu) uliyeandamana naye _____</p>	<p>a. ____ b. ____ </p>
<p>[Ask only if Q11=1 and Q17=1]</p> <p>18c. Did you have maternity leave? 1 = Yes 2 = No 18c. Ulipewa likizo ya uzazi/maternity leave?</p>	____
<p>READ: Now I want to know more about your most recent overnight stay, or long-term care facility, related to distance, transport, and waiting time.</p>	Distance to healthcare

<p>19. How many kilometers from your residence is the health care facility in which you were most recently admitted?</p> <p>FO Note: <i>Probe FR to estimate best of their ability</i></p>	<p>facility: _____ km</p>
<p>READ: Sasa nataka kujua zaidi kuhusu kukaa kwako hivi karibuni, au kituo cha utunzaji wa muda mrefu, kuhusiana na umbali, usafiri, na wakati wa kusubiri.</p> <p>19. Ni kilomita ngapi kutoka kwenye makazi yako ni kituo cha huduma ya afya ambacho ulilazwa hivi karibuni?</p>	
<p>20. What is your travel time (one-way) to that facility?</p>	<p>_____ hours</p>
<p>20. Inakuchukuwa muda gani kwenda(kusafiri) hospitalini?</p>	<p>AND _____ minutes</p>
<p>21. What was the main transportation mode you used last time when you visited that facility?</p>	
<p>21. Ni aina gani kuu ya usafiri uliyotumia mara ya mwisho wakati ulipotembelea kituo hicho?</p>	
<p>1 = Walk 2 = Tuktuk 3 = Bus/Matatu 4 = Own Car 5 = Taxi 6 = Ambulance 7 = Bicycle or other manual vehicles 8 = Motorcycle -(Bodaboda) - 9 = Train 10 = Flight 11 = Animal or animal-pulled cart 12 = Boat/ship 777 = Other, please specify _____</p>	<p> ____ </p>
<p>21a. How much did you pay for transport to that facility? (Ksh)</p>	
<p>21a. Ulilipa kiasi gani cha nauli hadi kituo hicho? (Ksh)</p>	<p> ____ </p>

Section 8.2: Health insurance

READ: I am going to ask you some questions on how you would pay for expenses incurred for health care if you were to fall ill or sustain an injury.

READ: Nitakuuliza maswali kadhaa jinsi ungelipa gharama zilizopatikana kwa huduma ya afya ikiwa ungeugua au ungepata jeraha.

1. Are you covered by health insurance? 1 = Yes | 2 = No | ___|

Note: this includes the National Health Insurance Fund (NHIF)

1. Je, una bima ya afya? **Note: hii inajumuisha NHIF**

[Instruction for the interviewer: Interviewer should explain about health insurance as a type of insurance coverage that pays for medical and surgical expenses that are incurred by the insured. Health insurance can either reimburse the insured for expenses incurred from illness or injury or pay the care provider directly.]

If YES continue and ask Q2, 3 and 4 if NO skip and ask Q5, 6 and 7.

2. What types of health insurance are you covered by? **[Multiple answers are allowed]** | ___|

2. Ni aina gani ya bima ya afya unayotumia? **[Multiple answers are allowed]**

1 = NHIF/NSHIF (National Social Health Insurance Fund) public health insurance coverage

2 = Personal Private Health insurance

3 = Employer provided private health insurance coverage

4 = Other public health insurance e.g Linda Mama

5 = Community/cooperative health insurance schemes.

6 = Universal Health Care (UHC)

777 = Other, please specify _____

3. When did this health insurance benefit begin? |___|___\\|___|___|___|

3. Ni lini ulianza kufaidika kutokana na hii bima ya afya?

4. How many out of the last 5 years were covered by health insurance?

4. Ni mingapi kati ya miaka 5 iliyopita ulifaidika kutokana na bima ya afya.

[Ask only if Q3 Year>2019]

a. Number of years (Nambari ya miaka) _____

b. Number of months (Nambari ya miezi) _____

5. Have you ever been covered by health insurance before? 1 = Yes | 2 = No | ___|

5. Umewahi faidika na bima ya afya mbeleni?

If YES continue, if NO skip and ask Q8.

6. When did your last health insurance benefit begin? |___|___\\|___|___|___|

6. Ni lini bima yako ya mwisho ilianza?

7. How long have you had your last health insurance?

7. Ni muda gani umekuwa/ulikuwa na bima yako ya mwisho?

- a. Number of years (Mwaka) |____|
- b. Number of months (Mwezi) |____|

8. [Only ask If Q1=2 and Q5=2] What is the main reason for not having health insurance? |____|

8. Ni Sababu gani kuu ya kutokuwa na bima ya afya?

1 = I am not aware about health insurance

2 = I cannot afford it

3 = I do not need it

4 = I do not know where to purchase it

5 = I tried to get health insurance but was denied it

6 = My family decided not to purchase it

777 = Other, please specify _____

Section 8.3: Healthcare Expenditures

2a. During the last 12 months, how much did you pay in total (in cash or kind) for hospital / clinic medical care (not including medicines)? **Only include payment for the FR's own medical care, not that of a family member or friend. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero shillings.**

2a. Katika kipindi cha miezi 12 iliyopita, ulilipa kiasi gani kwa jumla (kwa pesa taslimu au malipo yasiyo ya pesa) kwa huduma ya matibabu ya hospitali / kliniki (bila kujumuisha dawa)?

2ai. List currency if not Ksh. **Use G12 codes.**

a. |____|
ai. |____| Oth:

<p>2b. [If Q2a>0] What were the sources through which you met the expenses for health care and what is the amount covered?</p> <p>[Enumerator Note: According to the applicable categories, ask how much respondent paid for or else enter 999 for “Don’t know” and 888 for “Not applicable”] [Multiple answers are allowed]</p> <p>2b. Ulipataje pesa ambazo ulitumia kugharamia matibabu na ilikuwa pesa ngapi?</p> <p>Sources: (In Ksh)</p> <ul style="list-style-type: none"> a. Your household Nyumba yako b. Contributions from friends/relatives Mchango kutoka kwa marafiki / jamaa c. Insurance coverage Bima ya afya d. Loans and credit from other sources Mikopo na mikopo kutoka vyanzo vingine e. Other, please specify _____ 	<p>a. ____ b. ____ c. ____ d. ____ e. ____ </p>
<p>3a. During the last <u>12 months</u>, did you take any modern medicines to treat a health problem? 1= Yes 2 = No 999 = DK</p> <p>3a. Katika miezi 12 iliyopita, ulitumia dawa yoyote ya kisasa kutibu tatizo la kiafya.?</p>	<p> ____ </p>
<p>3b. [If 3a=1] What health problems did you take the modern medicines for? [Select all that apply]</p> <p>3b. Ni matatizo gani ya kiafya uliyotumia dawa za kisasa?</p> <p>Use: H2 Codes: Integrated Health problem</p>	<p> ____ </p>
<p>3c. [If 3a=1] During the last 12 months, how much did you pay in total (in cash or kind) for modern medicines to treat a health problem?</p> <p>3c. Katika miezi 12 iliyopita, ulilipa pesa ngapi kwa jumla(pesa taslimu au malipo yasiyo ya pesa)kwa madawa ya kisasa kutibu tatizo la kiafya?</p> <p>[ENUMERATOR NOTE]: Do not include medicines for others; include medicines purchased for you by a family member or friend but not those provided free by the govt. Make sure to include all expenses paid by the FR. If the FR has insurance, include all expenses the FR paid out of pocket, including any expenses that were later reimbursed. If the total bill was covered by insurance up front and the FR had to pay zero out of pocket, count that as zero shillings.</p> <p>3ci. List currency if not Ksh. Use G12 codes.</p>	<p>3c. ____ 3ci. ____ </p>

<p>4a. During the last 12 months, did you take any traditional medicines to treat a health problem? 1= Yes 2 = No</p> <p>4a. Katika miezi 12 iliyopita, ulitumia dawa yoyote ya kienyeji kutibu tazito la kiafya?</p>	<p> __ </p>
<p>4b. [If 4a=1] What health problems did you take the traditional medicines for? [Select all that apply]</p> <p>4b. Ni matatizo gani ya kiafya uliyotumia dawa za kienyeji?</p>	<p> __ </p>
<p>Use: H2 Codes: Intergrated Health problem</p>	
<p>4c. [If 4a=1] During the last <u>12 months</u>, how much did you pay in total (in cash or kind) for traditional medicines to treat a health problem?</p> <p>[ENUMERATOR NOTE]:Do not include medicines for others; include medicines purchased for you by a family member or friend but not those provided free by the govt.</p> <p>4c. Katika miezi 12 iliyopita, ulilipa kiasi gani kwa jumla (cha pesa taslimu au malipo yasiyo ya pesa) kwa dawa za kienyeji kutibu shida ya kiafya?</p> <p>4ci. List currency if not Ksh. Use G12 codes.</p>	<p>c. _____ ci. __ Oth: _____</p>

Section 16.4: Blood Pressure

READ: I would like to measure your blood pressure and pulse using this monitor and cuff which I will secure around your left arm. I would like to take three blood pressure measures. I will ask you to relax and remain seated and quiet, with legs uncrossed and feet flat on the floor, during the measurements. First, I will place the cuff on your left arm. Once the cuff is placed appropriately on your arm and we are ready to begin, I will ask you to lay your arm on a flat surface, palm facing up, so that the center of your upper arm is at the same height as your heart. I will then press the start button. The cuff will inflate and deflate automatically. It will squeeze your arm a bit but won't hurt.

READ: Ningependa kukupima blood pressure (shinikizo la damu mwilini) na mpigo wa moyo (pulse) nikitumia kifaa hiki (monitor and cuff) ambacho nitafunga kwa mkono wako wa kushoto. Ningependa kuchukua vipimo vitatu vya blood pressure. Nitakuomba utulie na ukae kwa kitikimya, na miguu zikiwa hazijapitana na miguu (Flat) kwenye sakafu, wakati wa kipimo. Kwanza, nitaweka (kipimo) cuff katika mkono wako wa kushoto. Baada ya kuiweka vizuri (cuff) kwenye

mkono wako na tuko tayari kuanza, nitakuomba uweke mkono wako kwenye sehemu ilio lainika (flat), kiganja (palm) kikiangalia juu ili katikati ya upande wa juu wa mkono wako uwe kwenye urefu sawa na moyo wako. Kisha, nitafinya kifaa cha kupima pressure kianze. Cuff itafura (inflate) na kutoa hewa (deflate) yenyewe (automatically). Itakufinya mkono wako kiasi lakini haitakuumiza.

4. Do not ask the following question. Simply record your impressions. Does the respondent refuse to allow his/her blood pressure to be taken? 1 = Yes | 2 = No | |

If YES, skip to read the statement before question 10. If NO, continue.

Before we begin, I would like to ask you a few questions.

Kabla hatujaanza, ningependa kukuuliza maswali machache.

4ai. Do not ask the following question. Simply record your impressions. Did the respondent bathe, drink alcohol or caffeine, smoke, exercise, or eat anything in the last 30 minutes? 1 = Yes | 2 = No | |

4aii. By default, we would like to measure your blood pressure using your left arm. Do you have a rash, a cast, edema or swelling in the LEFT arm, or open sores, wounds, or a significant bruise where the blood pressure cuff will be in contact? 1 = Yes | 2 = No | |

4aii. Kama ilivyo kanuni tungependa kukupima shinikizo la damu mwilini (blood pressure) tukitumia mkono wako wa kushoto. Je unayo upele, plaster, uvimbe au kufura kwa mkono wako wa kushoto au vidonda wazi, vidonda au kukwaruzwa mahali ambapo kifaa cha kupima shinikizo la damu(cuff) itaguza.

If NO, go to 4aiiv. If YES, go to 4aiii.

4aiii. Do you have a rash, a cast, edema, or swelling in the RIGHT arm, or open sores, wounds, or a significant bruise where the blood pressure cuff will be in contact?

4aiii. Je unayo upele, plaster, uvimbe au kufura kwa mkono wako wa kulia au vidonda wazi, vidonda au kukwaruzwa mahali ambapo kifaa cha kupima shinikizo la damu(cuff) itaguza.

1 = Yes | 2 = No | |

If YES, skip to Section 9. If NO, continue to 4aiiv.

4aiiv. Do not ask the following question. Please confirm that the blood pressure measurement will be taken using the [LEFT/RIGHT] arm. 1 = Left | 2 = Right | |

Wrap the blood pressure cuff around the respondent's [LEFT/RIGHT] arm (bare) above the elbow. Make sure the tube is facing on the same side as the FR's palm. Make sure that their arm is resting at approximately heart level (e.g. on the armrest of the chair, on a table). Record the systolic and diastolic pressure, and pulse below, along with the identification number of the blood pressure instrument.

DO NOT tell the FR his/her blood pressure measurements unless they ask you for it. If the FR asks for their measurements, write them down on the blank piece of paper. Inform the FR the measurements will be shared with them at the end of the survey.

4bi. SYS MEASUREMENT #1: |_____| mmHg

4bii. DIA MEASUREMENT #1: |_____| mmHg

4biii. PULSE #1: |_____| / min

4ci. SYS MEASUREMENT #2: |_____| mmHg

4cii. DIA MEASUREMENT #2: |_____| mmHg

4ciii. PULSE #2: |_____| / min

4di. SYS MEASUREMENT #3: |_____| mmHg

4dii. DIA MEASUREMENT #3: |_____| mmHg

4diii. PULSE #3: |_____| / min

4e. IDENTIFICATION NUMBER OF BLOOD PRESSURE MONITOR: |____|

4fi. ***Do not ask the following question:*** Did the FR ask for his/her blood pressure and/or pulse measurements? 1 = Yes | 2 = No |____|

If YES, continue to 4fii. If NO, skip to 4fiii.

4fii. Did the FR ask for an interpretation of his/her blood pressure and/or pulse measurements?

1 = Yes | 2 = No |____|

Note: The normal pulse for adults is 60 to 100 beats per minute. The measurement could be lower for athletes.

4fiii. (Add comment section) _____

ENUMERATOR NOTE: GIVE THE FR JUICE AND ENCOURAGE HIM/HER TO TAKE AS THE SURVEY PROGRESSES

Section 9: OTHER SELF-REPORTED HEALTH MEASURES & RISK FACTORS

Section 9.1 Disabilities

Washington Group Short Set on Disability

The next set of questions asks you about the difficulties you may face in every-day life. Please answer with the following scale.

Show the respondent the scale #9. Demonstrate that they should select their response using the scale.

1 = No-no difficulty

2 = Yes-some difficulty

3 = Yes-a lot of difficulty

4 = Cannot do at all

666 = (Do not read) Refuses to answer

Maswali yafuatayo yatakuuliza kuhusu ugumu unaowezakuwa unakabiliana nao katika maisha ya kila siku. Tafadhal jibu kwa kutumia kipimo kifuatacho

1 = Hakuna-hakuna ugumu

2 = Ndiyo-ugumu fulani

3 = Ndiyo-ugumu sana

4 = Siwezi kabisa

666 = (Do not read) Refuses to answer

1. Do you have difficulty seeing, even if wearing glasses?

1. Je, una ugumu wa kuona, hata kama umevaa miwani?

|__|

2. Do you have difficulty hearing, even if using a hearing aid?

2. Je, una ugumu wa kusikia, hata kama unatumia kifaa cha kusaidia kusikia?

|__|

3. Do you have difficulty walking or climbing steps?

3. Je, una ugumu wa kutembea au kupanda ngazi/stairs?

|__|

4. Do you have difficulty remembering or concentrating?

4. Je, una ugumu wa kukumbuka au kuwa makini/concentrating?

|__|

5. Do you have difficulty with self-care such as washing all over or dressing?

5. Je, una ugumu wa kujitunza mwenyewe kama vile kuosha mwili mzima au kuvaa?

|__|

6. Using your usual language, do you have difficulty communicating, for example understanding or being understood?

6. Kwa kutumia lugha yako ya kawaida, una ugumu kuwasiliana, kwa mfano kuelewa au kuelewaka?

|__|

7. Can you dress yourself easily, with difficulty, or not at all? |____|

7. Je, unaweza kuvala mwenyewe kwa urahisi, kwa ugumu, au huwezi kabisa?

1 = Easily | 2 = With difficulty | 3 = Not at all

8. If you had to walk for 1 hour, could you do it easily, with difficulty, or not at all? |____|

8. Ikiwa ulipaswa kutembea kwa saa 1, unaweza kuifanya kwa urahisi, kwa ugumu, au huwezi kabisa?

1 = Easily | 2 = With difficulty | 3 = Not at all

9. If you had to walk for 15 minutes carrying a 20-liter jerry can of water, could you do it easily, with difficulty, or not at all? |____|

9. Ikiwa ulipaswa kutembea kwa dakika 15 ikiwa umebeba kibuyu cha lita 20 cha maji, unaweza kufanya hivyo kwa urahisi, kwa ugumu, au huwezi kabisa?

1 = Easily | 2 = With difficulty | 3 = Not at all

Section 9.2: ADL

Now, I will ask you about a few everyday activities. Please tell me if you have any difficulty with these because of a physical, mental, emotional, or memory problem. Please exclude any difficulties you expect to last less than three months. Because of a health or memory problem, do you have any difficulty with...?

Sasa, nitakuuliza kuhusu shughuli chache za kila siku. Tafadhalu niambie ikiwa una ugumu wowote na haya kwa sababu ya tatizo la kimwili, kiakili, kihisia, au kumbukumbu. Tafadhalu ondoa matatizo yoyote unayotarajia kudumu chini ya miezi mitatu. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu...?

1 = Yes

2 = No

999 = (Do not read) Don't know

666 = (Do not read) Refused

1. Because of a health or memory problem, do you have any difficulty with dressing, including putting on sandals, shoes, etc.?

|____|

1. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kuvala, ikiwa ni pamoja na kuvala viatu, slipas, nk.?

If 9.1 Q8 = 3 (not able to walk for an hour), continue. Else skip to Q3.

2. Because of a health or memory problem, do you have any difficulty with walking across a room?

|____|

2. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kutembea katika chumba?

3. Because of a health or memory problem, do you have any difficulty with bathing? 3. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kuoga?	__
4. Because of a health or memory problem, do you have any difficulty with eating? 4. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kula?	__
5. Because of a health or memory problem, do you have any difficulty with getting in or out of bed? 5. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kuingia au kutoka kitandani?	__
6. Because of a health or memory problem, do you have any difficulty with using the toilet, including getting up and down? 6. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kutumia choo, ikiwa ni pamoja na kuinuka na kuinama?	__
7. Because of a health or memory problem, do you have any difficulty controlling urination or defecation? 7. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu wa kudhibiti mkojo au haja kubwa?	__
8. Because of a health or memory problem, do you have any difficulty brushing teeth or washing face/hair? 8. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu wa kusugua meno au kuosha uso/nywele?	__

Section 9.3: IADL

Now, I will ask you about a few more everyday activities. Please tell me if you have any difficulty with these because of a physical, mental, emotional, or memory problem. Please exclude any difficulties you expect to last less than three months. Because of a health or memory problem, do you have any difficulty with...?

FO Note: If FR says they don't do this activity, ask them if they could do it or would face challenges due to disability.

Sasa, nitakuuliza zaidi kuhusu shughuli chache za kila siku. Tafadhali niambie ikiwa una ugumu wowote na haya kwa sababu ya tatizo la kimwili, kiakili, kihisia, au kumbukumbu. Tafadhali ondoa matatizo yoyote unayotarajia kudumu chini ya miezi mitatu. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu...?

1 = Yes

2 = No

999 = (Do not read) Don't know

666 = (Do not read) Refused

1. Because of a health or memory problem, do you have any difficulty with managing money, such as paying bills and keeping track of expenses? 2. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kusimamia pesa, kama vile kulipa bili na kufuatilia gharama?	__
2. Because of a health or memory problem, do you have any difficulty with doing work around house or garden? 2. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kufanya kazi nyumbani au shambani	__
3. Because of a health or memory problem, do you have any difficulty with using a mobile phone or smartphone? 3. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kutumia simu (mobile phone/smartphone)?	__
4. Because of a health or memory problem, do you have any difficulty with recognizing physical danger? 4. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kutambua hatari ya kimwili?	__
5a. Because of a health or memory problem, do you have any difficulty with leaving the house alone? 5. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kutoka nyumbani pekee yako?	__
6. Because of a health or memory problem, do you have any difficulty with doing laundry? 6. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kufua nguo?	__
7. Because of a health or memory problem, do you have any difficulty with using transportation (e.g. matatu, boda boda)? 7. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kutumia usafiri (Kama vile matatu, bodaboda)?	__
8. Because of a health or memory problem, do you have any difficulty with going out short distance? 8. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kwenda nje kwa umbali mfupi?	__
9. Because of a health or memory problem, do you have any difficulty with personal grooming?	__

9. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kujitunza kibinafsi?	
10.Because of a health or memory problem, do you have any difficulty with getting around or finding an address in an unfamiliar place?	____
10. Kwa sababu ya tatizo la kiafya au kumbukumbu, je una ugumu kuzunguka au kutafuta anwani (address) katika sehemu usiyoijua?	

Section 10: Physical activities

1. We would like to know the type and amount of physical activity involved in your daily life. How often do you take part in sports or activities that are vigorous, such as running or jogging, swimming, cycling, aerobics or gym workout, tennis, or digging with a spade or shovel: more than once a week, once a week, one to three times a month, or hardly ever or never? |____|

1 = More than once a week

2 = Once a week

3 = One to three times a month

4 = Hardly ever or never

5 = Every day

999 = (**Do not read**): Don't know

666 = (**Do not read**): Refused

1. Tungependa kujua aina na kiasi cha shughuli za kimwili unazojihusisha nazo katika maisha yako ya kila siku. Ni mara ngapi unashiriki katika michezo au shughuli zinazohitaji nguvu, kama vile kukimbia , kuogelea, kuendesha balskeli, aerobics au mazoezi ya gym , tenisi, au kuchimba kwa jembe au koleo: zaidi ya mara moja kwa wiki, mara moja kwa wiki,mara moja hadi mara tatu kwa mwezi, au mara chache sana au kamwe?

1 = Zaidi ya mara moja kwa wiki

2 = Mara moja kwa wiki

3 = Mara moja hadi tatu kwa mwezi

4 = Mara chache sana au kamwe

5 = Kila siku

999 = (**Do not read**): Don't know

666 = (**Do not read**): Refused

2. And how often do you take part in sports or activities that are moderately energetic such as, gardening, cleaning the car, walking at a moderate pace, dancing, floor or stretching exercises:

(more than once a week, once a week, one to three times a month, or hardly ever or never)? |____|

1 = More than once a week

2 = Once a week

3 = One to three times a month

4 = Hardly ever or never

5 = Every day

999 = (**Do not read**): Don't know

666 = (**Do not read**): Refused

2. Na ni mara ngapi unashiriki katika michezo au shughuli zinazo hitaji nguvu kiasi kama vile, kulima bustani, kusafisha gari, kutembea kwa mwendo wa wastani, kuchenza dansi, kufanya mazoezi ya sakafuni au kunyoosha miguu: (zaidi ya mara moja kwa wiki, mara moja kwa wiki; mara moja hadi tatu kwa mwezi, au mara chache sana au kamwe)?

1 = Zaidi ya mara moja kwa wiki

2 = Mara moja kwa wiki

3 = Mara moja hadi tatu kwa mwezi

4 = Mara chache sana au kamwe

5 = kila siku

999 = (**Do not read**): Don't know

666 = (**Do not read**): Refused

3. And how often do you take part in sports or activities that are mildly energetic, such as vacuuming, laundry, home repairs: (more than once a week once a week, one to three times a month, or hardly ever or never)? |____|

1 = More than once a week

2 = Once a week

3 = One to three times a month

4 = Hardly ever or never

5 = Every day

999 = (**Do not read**): Don't know

666 = (**Do not read**): Refused

3. Na ni mara ngapi unashiriki katika michezo au shughuli ambazo zinahitaji nguvu kidogo, kama vile utupu (vacuuming), kufua nguo, ukarabati wa nyumbani: (zaidi ya mara moja kwa wiki mara moja kwa wiki, mara moja hadi tatu kwa mwezi, au mara chache sana au kamwe)?

1 = Zaidi ya mara moja kwa wiki

2 = Mara moja kwa wiki

3 = Mara moja hadi tatu kwa mwezi

4 = Mara chache sana au kamwe

5 = kila siku

999 = (Do not read): Don't know

666 = (Do not read): Refused

Section 11: Sleep Patterns: Adult

READ: Now I would like to ask you some questions about your sleep.

READ: Sasa ningependa kukuuliza maswali kuhusu usingizi wako.

1. What time did you go to bed last night? **Use 24 hour clock.** [__][__] : [__][__] (hour) (min)

1. Usiku uliopita ulienda kulala saa ngapi?

999 = DK | 888 = Not applicable / Did not sleep

1a. Was that earlier than, later than, or the same as your typical bedtime? |__|

1a. Je, hiyo ilikuwa mapema kuliko, kuchelewa kuliko, au sawa na wakati wako wa kawaida wa kulala?

1 = Earlier | 2 = Later | 3 = Same | 999 = DK | 888 = Not applicable / Did not sleep

If "Same", skip to question 2. Otherwise continue.

1b. Over the last month what was your usual bedtime? **Use 24 hour clock.**

1b. Katika mwezi uliopita wakati wako wa kawaida wa kulala ulikuwa gani?

[__][__] : [__][__] (999=DK)

(hour) (min)

2. How long did it take you to fall asleep last night? [__][__] : [__][__] (hour) (min)

2. Ilikuchukua muda gani kupata usingizi jana usiku?

999 = DK | 888 = Not applicable / Did not sleep

3. After falling asleep, how many times did you wake up during the night, not counting your final awakening? [__]

3. Baada ya kupata usingizi, ni mara ngapi uliamka wakati wa usiku, bila kuhesabu kuamka kwako kwa mwisho?

999 = DK | 888 = Not applicable / Did not sleep

If 1 or more times, continue to 3a. Otherwise, skip to 4.

3a. If you woke up during the night, how long were you awake during the night in total? [__] (minutes)

3a. Ikiwa uliamka wakati wa usiku, ulikuwa macho kwa muda gani wakati wa usiku kwa jumla?

999 = DK | 888 = Not applicable / Did not sleep

4. What time did you wake up this morning? **Use 24 hour clock.** [__][__] : [__][__]

4. Umeamka saa ngapi asubuhi hii? (hour) (min)

999 = DK | 888 = Not applicable / Did not sleep

4a. Was that earlier than, later than, or the same as your typical wake up time?

4a. Je, hiyo ilikuwa mapema kuliko, kuchelewa kuliko, au sawa na wakati wako wa kawaida wa kuamka?

1 = Earlier | 2 = Later | 3 = Same | 999 = DK | 888 = N/A

If "Same", skip to question 5. Otherwise continue.

4b. Over the last month what was your usual wake up time? : (999 = DK)
(hour) (min)

4b. Katika mwezi uliopita muda wako wa kawaida wa kuamka ulikuwa gani?

5. How would you rate the quality of your sleep last night? | |

1 = Very Poor | 2 = Poor | 3 = Fair | 4 = Good | 5 = Very Good | 999 = DK | 888 = N/A

5. Je, unawenza kukadiria vipi ubora wa usingizi wako jana usiku?

1 = Mbaya sana | 2 = Mbaya | 3 = Kadri | 4 = Nzuri | 5 = Nzuri sana | 999 = DK | 888 = NA

6. When you woke up for the day, how did you feel? | |

1 = Very Fatigued | 2 = Fatigued | 3 = Fair | 4 = Refreshed | 5 = Very Refreshed | 999 = DK | 888 = Not applicable / Did not sleep

6. Ulipoamka leo, ulijisikiaje?

1 = Mchovu sana | 2 = Mchovu | 3 = Kadri | 4 = Mchangamfu | 5 = Mchangamfu sana | 999 = DK | 888 = Not applicable/Did not sleep

7. Did you nap yesterday? 1 = Yes | 2 = No | 999 = DK | |

7. Je, ulilala jana mchana?

If YES, continue to 7a. If NO, skip to read statement before question 10.

7a. How many daytime naps did you take yesterday? (999 = DK)

7a. Ulilala mara ngapi jana mchana?

7b. In total, how long did you nap yesterday? : (999 = DK)

7b. Kwa jumla, ulilala jana mchana kwa muda gani? (hour) (min)

8. Now think about your sleep in the last 7 days: How many days in the last 7 days do you think you had insufficient sleep? | |

8. Sasa fikiria kuhusu usingizi wako katika siku 7 zilizopita: Je, unafikiria haukuwa na usingizi wa kutosha kwa siku ngapi katika siku 7 zilizopita?

Section 13: Socioeconomic & demographic measures

SECTION 13.1: Schooling History

A. *Do not ask the following question to the FR.* What was the last year of a **[YEAR OF latest schooling information]** with this respondent? *This information can be found in the OTHER INFO section of the TRACKING SHEET.* |__|__|__|__| (YYYY)

Collect information on every year starting with the last year of schooling history interview (question A). Include ALL schooling in this table, whether primary, secondary, college or bible school, vocational training, or university. If needed, please use additional schooling history sheets.

<p>1. Were you attending school at any time during [year]? 1. Je, ulikuwa ukihudhuria shule wakati wowote katika [mwaka]? 1 = Yes 2 = No If YES, continue across row. If NO, go to next row.</p>	<p>2. What school did you attend in [year]? 2. Ulisoma shule gani katika [mwaka]? <i>Write name of school. If more than one, take school where pupil completed the highest level of education that year. If same as previous row, write "444", and skip to question 5.</i></p>	<p>3. School ID? Use E1 codes</p>	<p>4. Is this school public or private? 4. Je, shule hii ni ya umma au ya kibinafsi? 1 = Private 2 = Public</p>	<p>5. Did you attend school for the full year? 5. Je, ulihudhuria shule kwa mwaka mzima? 1 = Yes, full yr, 2 = No, partial yr Note: want full "school year" here, whatever that may be (ie, for many it is ~9 months, but may be less for others) For current year, write "1" if still in school.</p>	<p>6. If NO: Why not? 6. Kwa nini? Use E2 codes</p>	<p>7. What type of school is this? 7. Hii ni shule ya aina gani? 1 = Primary school 2 = Secondary school 3 = College 4 = Bible / Qur'an school 5 = Vocational training 6 = University 777 = Other (specify) _____ If 1 or 2, continue to question 8. If 3, 5, 6, or 7 skip to question 11. If 4, skip to question 11b.</p>
(A) __	__	__	__	__	__	__ _____

	<p>1. Were you attending school at any time during [year]? 1. Je, ulikuwa ukihudhuria shule wakati wowote katika [mwaka]? 1 = Yes 2 = No If YES, continue across row. If NO, go to next row.</p>	<p>2. What school did you attend in [year]? 2. Ulisoma shule gani katika [mwaka]? <i>Write name of school. If more than one, take school where pupil completed the highest level of education that year. If same as previous row, write "444", and skip to question 5.</i></p>	<p>3. School ID? Use E1 codes</p>	<p>4. Is this school public or private? 4. Je, shule hii ni ya umma au ya kibinafsi? 1 = Private 2 = Public</p>	<p>5. Did you attend school for the full year? 5. Je, ulihudhuria shule kwa mwaka mzima? 1 = Yes, full yr, 2 = No, partial yr Note: want full "school year" here, whatever that may be (ie, for many it is ~9 months, but may be less for others) For current year, write "1" if still in school.</p>	<p>6. If NO: Why not? 6. Kwa nini? Use E2 codes</p>	<p>7. What type of school is this? 7. Hii ni shule ya aina gani? 1 = Primary school 2 = Secondary school 3 = College 4 = Bible / Qur'an school 5 = Vocational training 6 = University 777 = Other (specify) _____ If 1 or 2, continue to question 8. If 3, 5, 6, or 7 skip to question 11. If 4, skip to question 11b.</p>
						_____ _____ _____	
(B)	_____	_____	_____	_____	_____	_____ _____ _____	_____ _____
(C)	_____	_____	_____	_____	_____	_____ _____ _____	_____ _____
(D)	_____	_____	_____	_____	_____	_____ _____ _____	_____ _____

	<p>1. Were you attending school at any time during [year]? 1. Je, ulikuwa ukihudhuria shule wakati wowote katika [mwaka]? 1 = Yes 2 = No If YES, continue across row. If NO, go to next row.</p>	<p>2. What school did you attend in [year]? 2. Ulisoma shule gani katika [mwaka]? <i>Write name of school. If more than one, take school where pupil completed the highest level of education that year. If same as previous row, write "444", and skip to question 5.</i></p>	<p>3. School ID? Use E1 codes</p>	<p>4. Is this school public or private? 4. Je, shule hii ni ya umma au ya kibinafsi? 1 = Private 2 = Public</p>	<p>5. Did you attend school for the full year? 5. Je, ulihudhuria shule kwa mwaka mzima? 1 = Yes, full yr, 2 = No, partial yr Note: want full "school year" here, whatever that may be (ie, for many it is ~9 months, but may be less for others) For current year, write "1" if still in school.</p>	<p>6. If NO: Why not? 6. Kwa nini? Use E2 codes</p>	<p>7. What type of school is this? 7. Hii ni shule ya aina gani? 1 = Primary school 2 = Secondary school 3 = College 4 = Bible / Qur'an school 5 = Vocational training 6 = University 777 = Other (specify) _____ If 1 or 2, continue to question 8. If 3, 5, 6, or 7 skip to question 11. If 4, skip to question 11b.</p>
(E)	__	_____	__	__	__	__ _____ _____	__ _____
(F)	__	_____	__	__	__	__ _____ _____	__ _____
(G)	__	_____	__	__	__	__ _____ _____	__ _____

Fill in this table for any years that PRIMARY (1) or SECONDARY (2) were attended. Leave all other rows blank.

	<p>8. What standard / form were you in during [year]? 8. Ulikuwa katika darasa / kidato gani mwaka wa [mwaka]?</p> <p>Use G6 codes. If more than one, take highest standard / form</p>	<p>9. Is this the same standard / form you were in in [year before]? 9. Je, hiki ndicho kiwango/fomu uliyokuwa nayo [mwaka kabla]?</p>	<p>10. If YES: For what reason did you repeat the standard / form? 10. If YES: Kwa sababu gani ulirudia kiwango/fomu?</p>
		<p>1=Yes 2=No</p>	<p>Use E2 codes. List 2 most important reasons. PROBE for most accurate reasons.</p>
(A) ____	____	____	____/____ If other: _____
(B) ____	____	____	____/____ If other: _____
(C) ____	____	____	____/____ If other: _____
(D) ____	____	____	____/____ If other: _____

Fill in this table for any years that COLLEGE (3), BIBLE SCHOOL (4), VOCATIONAL TRAINING SCHOOL (5), UNIVERSITY (6), or OTHER (7) were attended. Leave all other rows blank.

	<p>Skip to q.11b if bible school.</p> <p>11. In what discipline(s) was this training? 11. Mafunzo haya yalikuwa katika taalumazip i?</p> <p>Use E7 codes. If other, describe in FO comments.</p> <p>11b. Je, hii ni shule na kosi sawa uliyoeleza tulipozungu mza kuhusu mwaka uliopita?</p> <p>1 = Yes 2 = No</p>	<p>11b. If this is the 1st yr or FR did not attend school in previous yrs, select "no". Otherwise, ask: Is this the same school and course you described when we spoke about the previous year? 11b. Je, hii ni shule na kosi sawa uliyoeleza tulipozungu mza kuhusu mwaka uliopita?</p> <p>1 = Day 2 = Week 3 = Month 4 = Year</p> <p>If FR was in school for full number of terms per year, count that as a full year of training (even though they get holidays throughout the year).</p>	<p>12. For how long did you attend this training in total? For completed courses, include the full length of course (even if more than 1 year). For courses currently underway, include time so far (even if more than 1 year).</p> <p>12. Je, ulihudhuria mafunzo haya kwa muda gani kwa jumla?</p> <p>1 = Day 2 = Week 3 = Month 4 = Year</p>	<p>13. What were the total fees required by the school (including registration fees, tuition, exam fees, books, materials, and uniform) for this training? For completed courses, consider the total duration of course. For those currently underway, consider what has been paid so far (across duration of course).</p> <p>13. Je, jumla ya ada ilitakiwa na shule (pamoja na ada ya usajili, masomo, ada ya mitihani, vitabu, vifaa na sare) kwa ajili ya mafunzo haya?</p> <p>1 = Day 2 = Week 3 = Month 4 = Year 5 = Semester (~4 mths)</p>	<p>13a. If the monetary value listed in question 13 is NOT in Ksh, write the currency used. Use G12 codes.</p>	<p>14. How did you finance this training? List up to 3. For completed courses, consider the total duration of course. For courses currently underway, consider how they have been financed so far.</p> <p>14. Ulifadhili viyi mafunzo haya?</p> <p>1 = Self / family 2 = Private sponsor (including IPA) 3 = CDF bursary / other 4 = Government bursary 5 = Government paid for me 6 = Loan</p>	<p>15. Have you already finished the entire course? Consider the entire course, even if it lasted more than 1 yr.</p> <p>15. Je, tayari umemaliza course nzima?</p> <p>1 = Yes 2 = No 3 =</p> <p>16. Did you obtain a diploma, degree, or certificate from this training? Consider the entire course, even if it lasted more than 1 yr.</p> <p>16. Je, ulipata diploma, shahada, aulicheti kutokana na mafunzo haya?</p> <p>1 = Yes 2 = No</p>	<p>17. What type of diploma, degree, or certificate was it? 17. Ilikuwa diploma, shahada, aulicheti cha aina gani?</p> <p>Probe for the examination body if it is not institutional.</p> <p>Use E6 codes. Specify other in FO comments.</p> <p>If NO or CURRENTLY ENROLLED, skip to next discipline or year. If YES, continue.</p>
--	--	--	--	--	---	--	--	--

		<i>If YES, skip to next discipline or year.</i>		6 = Term (~3 mths) 7 = Total for the entire course 999=DK		6 = Fundraising 7 = Other <i>(specify in FO comments)</i>		Note: Count a driver's license as a certificate.	
(A)	i. __ ii. __ iii. __	i. __ ii. __ iii. __	i. Num: __ Unit: __ ii. Num: __ Unit: __ iii. Num: __ Unit: __	i. Ksh __ per __ ii. Ksh __ per __ iii. Ksh __ per __	i. __ ii. __ iii. __	i. __ __ ii. __ __ iii. __ __	i. __ ii. __ iii. __	i. __ ii. __ iii. __	i. __ ii. __ iii. __
(B)	i. __ ii. __ iii. __	i. __ ii. __ iii. __	i. Num: __ Unit: __ ii. Num: __ Unit: __ iii. Num: __ Unit: __	i. Ksh __ per __ ii. Ksh __ per __ iii. Ksh __ per __	i. __ ii. __ iii. __	i. __ __ ii. __ __ iii. __ __	i. __ ii. __ iii. __	i. __ ii. __ iii. __	i. __ ii. __ iii. __

18. Did you attend any Secondary school? 1 = Yes | 2 = No |__|

18. Je, ulihudhuria shule yoyote ya Sekondari?

BEFORE CONTINUING TO NEXT QUESTION, BE SURE THE FIRST TABLE IN THIS SECTION HAS BEEN COMPLETED.

CHECK YEAR OF LATEST SCHOOLING INFORMATION IN THE TRACKING SHEET. IF THIS YEAR IS NOT BETWEEN 2018-2021 AND THERE ARE NO NEW YEARS OF SCHOOLING RECORDED ABOVE, SKIP TO SECTION 14.

OTHERWISE, CONTINUE.

If FR COMPLETED PRIMARY SCHOOL BUT NOT FORM 4, skip to question 26. If FR DID NOT COMPLETE PRIMARY SCHOOL, skip to question 27. Otherwise, continue.

	Codes	Answer
18. In which country did you complete Form 4? If KENYA or UGANDA, continue. Otherwise, skip to question 20. 18. Ulimalizia kidato cha 4 kwa nchi gani?	Use G1 codes	__ Other: _____

<p>19. If schooled in KENYA: What was your most recent KCSE grade? If schooled in UGANDA: What was your most recent UCE division? (For Uganda, answer must be division I, II, III, or IV) If schooled in KENYA: Alama yako ya hivi majuzi zaidi ya KCSE ilikuwa gani? If schooled in UGANDA: Kitengo chako cha hivi majuzi zaidi cha UCE kilikuwa kipi?</p>	<p>999 = DK 888 = didn't take exam 777 = results not out</p>	<p>If Kenya: (A) ____ Use E3 codes If Uganda: (B) Division ____ </p>
<p>20. Did you receive calling letters from any secondary schools? If NO, skip to question 21. If YES, continue. 20. Je, ulipokea barua za wito kutoka shule yoyote ya sekondari?</p>	<p>1 = Yes 2 = No</p>	<p> ____ </p>
<p>20a. Which schools? List up to 3. 20a. Shule zipi?</p>	<p>Use E1 codes</p>	<p>(A) ____ Other: _____ (B) ____ Other: _____ (C) ____ Other: _____</p>
<p>21. In which country did you complete primary school? 21. Ulimalizia shule ya msingi katika nchi gani? If KENYA or UGANDA, continue. Otherwise, skip to question 22.</p>	<p>Use G1 codes</p>	<p> ____ Other: _____</p>
<p>21a. If schooled in KENYA: What was your most recent KCPE score? If schooled in UGANDA: What was your most recent PLE division? (For Uganda, answer must be division I, II, III or IV) If schooled in KENYA: Alama zako za hivi majuzi zaidi za KCPE zilikuwa zipi? If schooled in UGANDA: Kitengo chako cha hivi majuzi zaidi cha PLE kilikuwa kipi?</p>	<p>999 = DK 888 = didn't take exam 777 = results not out</p>	<p>If Kenya: (A) ____ out of (B) ____ total If Uganda: (C) Division ____ </p>
<p>22. To the best of your knowledge, what was your class position during third term last year, or the last year you were in school? If FR cannot remember (or schooled in Uganda), probe for estimate. If FR still cannot estimate, use 999=Don't Know. 22. Kwa ufahamu wako, ulikuwa nambagani darasani katika muhula wa tatu mwaka jana, au mwaka wa mwisho ulipokuwa shulen?</p>	<p>999 = DK</p>	<p>Position: (A) ____ out of (B) ____ </p>

SECTION 13.2: Marriage

Please ensure the privacy of the FR for this section. If there are individuals within earshot who appear to be over age 5, please ask to speak with the FR privately.

READ: Now I would like to ask you some questions about any marriages you might have had. Please remember that this survey is confidential 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.

READ: Sasa ningependa kukuuliza maswali kuhusu ndoa zozote ambazo huenda ulikuwa nazo. Tafadhali kumbuka kuwa utafiti huu ni wa siri na kwamba habari itatumika kwa madhumuni ya utafiti pekee. Pia, ninaelewa inaweza kuwa vigumu au kukasirisha kuzungumzia, lakini tafadhali kumbuka kujumuisha ndoa ambazo sasa zinaweza kuwa zimeisha.

1. How many times have you been married? |____| (999 = DK)

1. Umewahi kuolewa/kuoa mara ngapi?

Add matrix of year of each marriage.

READ: Let's discuss your marriages, starting with the first marriage.

READ: Wacha tuzungumzie ndoa zako, kuanzia na ndoa ya kwanza.

	Marriage A	Marriage B	Marriage C	Marriage D	Marriage E
2. What is the first name of this spouse? 2. Jina la kwanza la mke/mume huyu ni gani?	_____	_____	_____	_____	_____
3. How old were you (in years) when you began co-residing with [name]? (999=DK) <i>If "never", code 888.</i> 3. Ulikuwa na miaka mingapi mlipoanza kuishi na [jina]?	____	____	____	____	____

4. How old was [name] when you began co-residing? (999=DK) <i>If “never”, code 888.</i> 4. [jina] alikuwa na umri gani mlipoanza kuishi pamoja?	__	__	__	__	__
5. How long did you know [name] before you were married? (999=DK) <i>Include time even before courtship began, where applicable. Fill in days only if knew each other less than 2 months.</i> 5. Ulimjua [jina] kwa muda gani kabla ya muoane?	Years __ Months __ Days __				
6. Think back to when you got married to [name]. Did you feel ready to marry or would you have rather waited? 6. Fikiria nyuma wakati ulipooa/kuolewa na [jina]. Ulijisikia tayari kuolewa au ungesubiri? 1 = Ready to be married 2 = Would have rather waited 999 = DK	__	__	__	__	__
7. In what year did you get married to [name]? 7. Uliolewa/kuoa [jina] mwaka gani? (999 = DK)	__ __ __ __	__ __ __ __	__ __ __ __	__ __ __ __	__ __ __ __
8a. Was it your decision to get married, or did someone else decide? 8a. Je, ulikuwa uamuzi wako kuoa au kuolewa au mtu mwengine alikuamulia? 1 = Own decision 2 = Someone else 999 = DK <i>If “someone else”, specify all individuals with G4 codes.</i>	__ Someone else: (G4 codes) __ __				

<p>8b. Did you choose [name] as your spouse, or did someone else choose?</p> <p>8b. Mtu mwingine alikuchagulia [jina] au ulimchagua mwenyewe kama mchumba wako?</p> <p>1 = Own decision 2 = Someone else 999 = DK</p> <p>If “someone else”, specify all individuals with G4 codes.</p>	<input type="checkbox"/> Someone else: (G4 codes) __ __ __	<input type="checkbox"/> Someone else: (G4 codes) __ __ __	<input type="checkbox"/> Someone else: (G4 codes) __ __ __	<input type="checkbox"/> Someone else: (G4 codes) __ __ __	<input type="checkbox"/> Someone else: (G4 codes) __ __ __
<p>9a. Would you say that your family or [name]’s family is better off financially?</p> <p>9a. Je, unaweza kusema kuwa familia yako au familia ya [jina] gani iko bora zaidi kifedha?</p> <p>1 = Own family 2 = Spouse’s family 3 = Families are about the same 666 = Refuses to respond 999 = DK</p>	<input type="checkbox"/>				
<p>9b. Would you say that your family or [name]’s family owns more land?</p> <p>9b. Je, unaweza kusema kwamba familia yako au familia ya [jina] gani inamiliki ardhi (land) zaidi?</p> <p>1 = Own family 2 = Spouse’s family 3 = Families are about the same 666 = Refuses to respond 999 = DK</p>	<input type="checkbox"/>				
<p>10. Was a bride price paid?</p> <p>10. Mahari ililipwa?</p> <p>1 = Yes 2 = No 999 = DK</p>	<input type="checkbox"/>				

<i>If YES, continue. ELSE, skip to q.12.</i>					
11a. What was the value (in shillings) of the total agreed upon price? (999 = DK) 11a. Je, thamani (kwa shilingi) ya jumla ya bei iliyokubaliwa ilikuwa kiasi gani? <i>If bride price was in cattle, ask the FR to estimate the total cost in shillings.</i> 11ai. List currency if not Ksh. Use G12 codes.	11a. ____ 11ai. ____ Other: _____				
11b. What is the value (in shillings) of the amount that has been paid so far? 11b. Kiasi kilicholipwa kufikia sasa ni cha thamani gani (kwa shillingi)? (999 = DK) 11bi. List currency if not Ksh. Use G12 codes.	11b. ____ 11bi. ____ Other: _____				
12. What type of marriage was this? 12. Ndoa hii ilikuwa ya aina gani? (Choose all the apply) 1 = Yes 2 = No 999 = DK a. Religious b. Civil c. Traditional d. Informal	a. ____ b. ____ c. ____ d. ____	a. ____ b. ____ c. ____ d. ____	a. ____ b. ____ c. ____ d. ____	a. ____ b. ____ c. ____ d. ____	a. ____ b. ____ c. ____ d. ____
13. Have you ever used any form of birth control with this partner? 13. Je, umewahi kutumia njia yoyote ya kupanga uzazi na huyu mwenzako? 1 = Yes 2 = No 999 = DK 888 = Refuse to answer <i>If "No", skip to question 17.</i>	____	____	____	____	____

<p>14. Have you or [name] ever used condoms during this marriage?</p> <p>14. Wewe au [jina] mumewahi tumia condom katika hii ndoa?</p> <p>1 = Yes 2 = No 999 = DK</p>	<input type="text"/>				
<p>15. Have you or [name] ever used pills to prevent pregnancy during this marriage?</p> <p>15. Wewe au [jina] mumewahi kutumia tembe kuzuia mimba katika hii ndoa?</p> <p>1 = Yes 2 = No 999 = DK</p>	<input type="text"/>				
<p>16. What primary form of birth control have you and [name] used?</p> <p>16. Ni njia gani ya msingi ya kupanga uzazi ambayo wewe na [jina] mumetumia?</p> <p>1 = Condoms 2 = Pills 3 = Injectables (eg. Depo Provera) 4 = IUD (eg. Coil) 5 = "Safe days" 6 = Herbal 777 = Other (specify)</p>	<input type="text"/> Other: <hr/>				
<p>17. Are you still married to this [name]?</p> <p>17. Je, bado umeoa/umeolewa na [jina]?</p> <p>1 = Yes 2 = No</p> <p><i>If YES, skip to q.21. If NO, continue.</i></p>	<input type="text"/>				

<p>18. How did your marriage with [name] end? 18. Ndoa yako na [jina] iliishaje? 1 = Divorce or separation 2 = Widowhood If 1, skip to Q20a. If 2, continue</p>	____	____	____	____	____
<p>19a. When did your spouse pass away (MM/YYYY)? 19a. Mke/Mume wako alifariki lini (MM/YYYY)? 19b. What age was your spouse when they passed away? 19b. Mke/Mume wako alikuwa na umri gani alipofariki?</p>	19a. ____ \ ____ ____ ____ 19b. ____	19a. ____ \ ____ ____ ____ 19b. ____	19a. ____ \ ____ ____ ____ 19b. ____	19a. ____ \ ____ ____ ____ 19b. ____	19a. ____ \ ____ ____ ____ 19b. ____
<p>19c. I understand it may be difficult or upsetting to talk about, but could you share with me what was the cause of [name]'s death? 19c. Ninaelewa kuwa inaweza kuwa vigumu au kuudhi kuzungumzia, lakini unaweza kuniambia kilichosababisha kifo cha [jina]? 1 = Unknown Short illness 2 = Accident 3 = Unknown Long-term illness 4 = Drowning in lake/river/sea 5 = Unknown cause of Death 6 = Reproduction related e.g. Died while giving birth 7 = Natural calamities e.g floods, lightning, landslides 8 = Cancer relate death 9 = Lung disease 10 = Heart related conditions</p>	____ Other: _____				

<p>11 = Diabetes related conditions 12 = HIV/AIDS related 13 = Kidney related disease 14 = Liver related disease 15 = Killed by unknown/known people 16 = Electrocution related death 777 = Other 666 = Refuses to answer Skip to q. 21.</p>					
<p>20a. When did you and your spouse separate/divorce (MM/YYYY)? 20a. Je, ni lini wewe na mke/mume wako mlitengana/mlitalikiana (MM/YYYY)? (Probe for year if date unknown) DK = 9999</p>	__ _\\ __ _ _				
<p>20b. What was the main reason for the divorce/separation? 20b. Sababu kuu ya talaka/kutengana ilikuwa nini? (Select all that apply. Do not read) 1 = Lack of love 2 = Spouse was unfaithful 3 = Respondent was unfaithful 4 = Spouse did not provide financial support 5 = Work/migration 6 = Suspected partner was HIV positive 7 = Respondent was HIV positive 8 = Spouse married someone else 9 = Too many disagreements 777 = Other</p>	__ Other: _____				

<p>21. What is/was the tribe / mother tongue of this [name] ?</p> <p>21. Je, kabilia/lugha ya mama ya [jina] ni/ilikuwa gani?</p> <p><i>Use G10 codes.</i></p>	<p> ____ Other: _____</p>				
<p>22. In what county was [name] born?</p> <p>22. [jina] alizaliwa jimbo gani/county gani?</p> <p><i>Use G2a codes. If not born in Kenya, code 88.</i></p>	<p> ____ Other: _____</p>				
<p>23a. Did this [name] attend primary school in Busia County?</p> <p>23a. Je, [jina] alihuduria shule ya msingi katika kaunti ya Busia?</p> <p>1 = Yes 2 = No 999 = DK</p> <p><i>If YES, skip to q23d. If NO, skip to q24. If DK, continue.</i></p>	<p> ____ </p>				
<p>23b. Did [name] attend primary school in Bunyala District, Butula District, Matayos District, Nambale District, or Samia District?</p> <p>23b. Je, [jina] alihuduria shule ya msingi katika wilaya ya Bunyala, Butula, Matayos, Nambale au Samia?</p> <p>1 = Yes 2 = No 999 = DK</p> <p><i>If YES, skip to q23d. If NO, continue. If DK, skip to q24.</i></p>	<p> ____ </p>				

<p>23c. Did [name] attend primary school in Angurai Division, Amagoro Division, Amukura Division, or Chakol Division?</p> <p>23c. Je, [jina] alihudhuria shule ya msingi katika tarafa ya Ang'urai, Amagoro, Amukura au Chakol?</p> <p>1 = Yes 2 = No 999 = DK</p> <p><i>If YES, continue. If NO/DK, skip to q24.</i></p>	____	____	____	____	____
<p>23d. Which primary school did [name] attend?</p> <p>23d. Je, [jina] huyu alihudhuria shule ipi ya msingi?</p> <p>(999 = DK) <i>Use E1 codes.</i></p>	____	____	____	____	____
<p>24a. What was the primary religion/denomination of this spouse prior to getting married?</p> <p>24a. Je, kabla ya kuoana Mke/Mme wako alikuwa dini/dhehebu gani?</p> <p>(999 = DK) <i>Use G11 codes</i></p>	____ Other: _____ _____ _____				
<p>24b. What is/was the primary religion/denomination of this spouse while you were married?</p> <p>24b. Je, ni dini/dhehebu gani mke/mume huyu alikuwa wakati mlikuwa kwenye ndoa?</p> <p>(999 = DK) <i>Use G11 codes</i></p>	____ Other: _____ _____ _____				
<p>24c. Did you change religion or denomination because you got married? 1 = Yes 2 = No</p> <p>24c. Je, Ulibadilisha dini au dhehebu kwa sababu uliolewa/ulioa?</p>	____	____	____	____	____

<p>24e. Did your spouse change religion or denomination because you got married? 24e. Je, mke/mme wako alibadilisha dini au dhehebu kwa sababu mliona? 1 = Yes 2 = No</p>	____	____	____	____	____
<p>25. What is/was the highest level of education this spouse has completed while you were still married? 25. Je, mke/mme huyu alikuwa amemaliza elimu ya kiwango gani cha juu zaidi mlipokuwa kwa ndoa? (999 = DK) Use G6 codes.</p>	____	____	____	____	____
<p>26. What is/was the primary occupation of this spouse (while you were married)? 26. Kazi ya msingi ya huyu mke / mume ni ipi (mlipokuwa mumeoana)? Use G9 codes (9999 = DK) <i>Skip to q.28 if "Student", "No work or school," or "Retired." Otherwise, continue.</i></p>	____ Other: _____ _____				
<p>27. What is/was the amount of your spouse's <u>cash salary</u> for the last month (while you were married)? (999 = DK) 27. Ni kiasi gani/kilikuwa kiasi gani cha mshahara wa pesa taslimu wa mke/mme wako kwa mwezi uliopita (wakati mlikuwa kwenye ndoa)? Ask for pre-tax salary, where applicable. 27i. List currency if not Ksh. Use G12 codes.</p>	27. ____ 27i. ____ Other: _____				

<p>28. Other than in farming, is/was your spouse self-employed or running a business to earn a living (while you were married)?</p> <p>28. Kando na kilimo, je/mwenzako alijiajiri au alikuwa anafanya biashara ili kujipatia riziki (mkiwa kwenye ndoa)?</p> <p>1 = Yes 2 = No 999 = DK</p> <p>If YES, continue. If NO/DK, skip to q.30a.</p>	____	____	____	____	____
<p>29. What is/was your spouse's total profit from this activity in the last month (while you were married)? (999 = DK)</p> <p>29. Kiwango cha jumla ya faida ya mume / mke huyu katika shughuli hii kwa mwezi uliopita ni gani (mlipokuwa mumeoana)?</p> <p>29i. List currency if not KSH.</p> <p>Use G12 codes.</p>	29. ____ 29i. ____ Other: _____				
<p>30a. If FEMALE: Do/Did you ever have a co-wife in this marriage?</p> <p>30a. If FEMALE: Uliwahi kuwa na mke mwenza kwa hii ndoa?</p> <p>30a. If MALE: Is/Was this a polygamous marriage?</p> <p>30a. Je, hii ilikuwa ndoa ya wake wengi?</p> <p>1 = Yes 2 = No 999 = DK</p> <p>If YES, continue. If NO/DK, skip to q.32.</p>	____	____	____	____	____

<p>30b. If FEMALE: What is/was the total number of co-wives you ever had in this marriage?</p> <p>30b. If FEMALE: Je! ni/ilikuwa idadi gani ya wake wenza uliowahi kuwa nao katika ndoa hii?</p> <p>NOTE: Including yourself</p> <p>30b. If MALE: What is/was the total number of wives you ever had in this marriage? (999 = DK)</p> <p>30b. If MALE: Je, ni/ilikuwa idadi gani ya wake wote uliowahi kuwa nao katika ndoa hii?</p> <p>If FEMALE and ZERO, skip to q.32. If MALE and 1, skip to q.32.</p>	<input type="text"/>				
<p>31. If FEMALE: How many of these women were married to your spouse before you married him? (999 = DK)</p> <p>31. If FEMALE: Ni wangapi kati ya hawa wanawake walikuwa wameolewa na mumeo kabla uolewe naye?</p> <p>31. If MALE: How many of these women were married to you before the current spouse we are discussing?</p> <p>31. If MALE: Je, ni wanawake wangapi kati ya hawa walioolewa na wewe kabla ya mke wa sasa tunayemjadili?</p>	<input type="text"/>				
<p>32. How many biological children did you have with this spouse?</p> <p>32. Ulipata watoto wangapi wa kibaolojia na mume/mke huyu?</p> <p>Consider all live births (regardless of whether the child is still alive today)</p>	<input type="text"/>				

33. Have you been married to anyone else since this spouse? 1 = Yes | 2 = No

33. Je, umeolewa na/kuoa mtu mwingine
yeoyote tangu mke/mme huyu?

If YES, continue to next column. If NO, skip to Section 13.3.

|____|

|____|

|____|

|____|

|____|

SECTION 13.3: Ethnicity and Religion

READ: Now I'd like to ask you some questions about your religion.

READ: Sasa ningependa kukuuliza maswali kadhaa kuhusu dini yako.

1. ***Do not ask the following question to the FR.*** What year was the last KLPS Ethnicity and Religion when we interviewed this respondent? ***This information can be found in the OTHER INFO section of the TRACKING SHEET.*** |__|__|__|__|
Use this "year of last ethnicity and religion interview" to ask the following questions.

2. What was your religion or denomination in January [year of last ethnicity and religion interview]? ***Use G11 codes***
|__| Other: _____

2. Ulikuwa dini gani au dhehebu gani Januari [year of last ethnicity and religion interview]?

3. Since January [year of last ethnicity and religion interview], have you changed your religion or denomination?

3. Tangu Januari [year of last ethnicity and religion interview], umebadilisha dini au dhehebu lako? 1 = Yes | 2 = No |__|

If YES, fill in table starting at question 4 starting with the January [year of last ethnicity and religion interview] religion. If NO and question 2 = 21, skip to question 14. ELSE, skip to question 8.

		Religion A	Religion B	Religion C
4. To what religion or denomination did you change immediately after [-----]? <i>Start with January [year of last interview] religion.</i> 4. Ulibadilika kwa dini au dhehebu gani mara baada ya [-----]?	<i>Use G11 codes</i>	__ Other: _____	__ Other: _____	__ Other: _____
5. In about what month and year did you change from [-----] to [-----]? 5. Ni kama mwezi na mwaka gani ulibadilisha kutoka kwa [-----]hadi kwa [-----]?	MM/ YYYY	__ __ / __ __	__ __ / __ __	__ __ / __ __

6. Why did you change your religion or denomination? <i>List up to 3.</i> 6. Kwa nini ulibadilisha dini au dhehebu lako?	Use R1 codes	__ / __ / __ Other: _____	__ / __ / __ Other: _____	__ / __ / __ Other: _____
7. After this religion or denomination, did you change to another religion or denomination? <i>If YES, continue to the next column. If NO, go to question 8.</i> 7. Baada ya dini au dhehebu hili, ulibadilisha / kwenda kwa dini au dhehebu nyingine?	1 = Yes 2 = No	__	__	__
8. Is your religion somewhat important, very important or not very important to your life? 8. Je, dini yako ni muhimu kwa kiasi fulani, ni muhimu sana au si muhimu sana kwa maisha yako? 1 = Very important 2 = Somewhat important 3 = Not very important		__		
9. Do you attend church / mosque regularly? 1 = Yes 2 = No 9. Wewe huudhuria kanisa/msikiti kila mara?		__		
10. Did you attend church / mosque last week? 1 = Yes 2 = No 10. Ulihudhuria kanisa/msikiti wiki iliyopita?		__		
11a. In the past 30 days, what is the value of cash or goods you donated to your church / mosque? 11a. Kwa siku 30 zilizopita, ni thamani gani ya pesa au bidhaa ulizotoa kanisani / msikitini? <i>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.</i> (666 = Refuses to answer) 11b. <i>List currency if not Ksh. Use G12 codes.</i>	a. __ b. __ Other: _____			
12. 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? 12. Kwa siku 30 zilizopita, ni masaa mangapi, mbali na wakati wa kawaida wa kuabudu ama kusoma Bibilia/Koran ambazo umesaidia ama kufanya kazi katika kanisa / msikiti wako?	__ hours			

13. In the last 12 months, would you say you've become more religious, stayed the same or become less religious?

13. **Katika miezi 12 iliyopita, je, unaweza kusema umekuwa mtu wa kidini zaidi, umebaki vile vile au umepungua kidini?**

1 = More religious | 2 = Same | 3 = Less religious | 999 = DK

|____|

14. What is your tribe (or mother tongue)? **Use G10 codes. Female respondents should NOT give the tribe of their husband. If FR is LUHYA, press for subtribe.**

14. **Kabila lako (au lugha ya mama) ni lipi?**

|____|

15. 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 999 = DK.**

1 = Very important | 2 = Somewhat important | 3 = Not very important

15. **Je, kabila au asili ya kabila lako ni la maana kidogo, maana sana au halina maana hata kidogo kwa maisha yako?**

|____|

16. If you had to say only one, what is more important, your tribe or your nationality (i.e., Kenyan / Ugandan)? **Probe FR to think about this and choose. Try not to use 999 = DK.** 1 = tribe | 2 = nationality

16. **Kama ungesema moja pekee gani la muhimu zaidi, kabila lako ama uraia wako (yaani, mkenya / mganda)?**

|____|

If the respondent is currently Christian, continue. Otherwise, skip to Section 13.4

17. In the past 12 months, have you served as a pastor? 1 = Yes | 2 = No | 666 = Refuses to answer | 999 = DK |____|

17. **Umfanya kazi kama mchungaji kwa miezi kumi na miwili iliyopita?**

If phone survey skip to Section 8, Otherwise, continue

18. How often do you speak or pray in tongues? Would you say every day, more than once a week, once a week, at least once a month, several times a year, less often, or never? |____|

1 = every day

2 = more than once a week

3 = once a week

4 = at least once a month

5 = several times a year

6 = less often

7 = never

666 = Refuses to answer

999 = DK

18. Ni mara ngapi wewe huongea kwa ndimi? Utasema kila siku, zaidi ya mara moja kwa wiki, mara moja kwa wiki, angalau mara moja kwa mwezi, mara kadhaa kwa mwaka, mara chache au hujawahi?

19. 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?

19. Ukihudhuria Ibaada, ni mara ngapi wanajumuisha watu wanaongea kwa ndimi, kutabiri, kuombea miujiza, na uponyaji wa mungu au kuonyesha dalili za kiroho kama vile kucheka na kutetemeka? Utasema ni kila mara, mara kwa mara, mara kiasi, au kamwe haukitendeka?

1 = Always | 2 = Frequently | 3 = Occasionally | 4 = Never | 666 = Refuses to answer | 999 = DK

|__|

READ:

Have you ever:

READ: Umewahi:

19a. Experienced or witnessed a divine healing of an illness or injury? |__|

19a. kuwa na au kushuhudia uponyaji wa mungu kwa ugonjwa au kuumia?

1 = Yes | 2 = No | 666 = Refuses to answer | 999 = DK

19b. Given or interpreted prophecy? |__|

1 = Yes | 2 = No | 666 = Refuses to answer | 999 = DK

19b. pewa au kutafsiri unabii?

19c. Experienced or witnessed the devil or evil spirits being driven out of a person? |__|

19c. tolewa au kushuhudia shetani au nguvu za shetani zikitolewa kutoka kwa mtu?

1 = Yes | 2 = No | 666 = Refuses to answer | 999 = DK

READ: Please tell me if you completely agree, mostly agree, mostly disagree or completely disagree with the following statements.

READ: Tafadhali niambie ikiwa unakubali kabisa, mara nyingi unakubali, mara nyingi hukubaliani au hukubaliani kabisa na taarifa zifuatazo.

20. God will grant material prosperity to all believers who have enough faith.

20. Mungu atawapa mali kwa wale waumini walio na Imani tosha.

1 = Agree completely | 2 = Mostly agree | 3 = Mostly disagree | 4 = Completely disagree | 666 = Refuses to answer | 999 = DK |____|

21. God will grant good health and relief from sickness to believers who have enough faith.

21. Mungu atawapa afya nzuri na pumziko tokana na ugojwa kwa waumini walio na imani tosha.

1 = Agree completely | 2 = Mostly agree | 3 = Mostly disagree | 4 = Completely disagree | 666 = Refuses to answer | 999 = DK |____|

22. Have you ever experienced or witnessed the spiritual power of traditional religious beliefs?

1 = Yes | 2 = No | 666 = Refuses to answer | 999 = DK

22. Ushawahi shuhudia nguvu za kiroho za Imani ya dini za kitamaduni?

24. Are you saved? 1 = Yes | 2 = No | 666 = Refuses to answer | 999 = DK |____|

24. Je, umeokoka?

25. Do you believe in the afterlife? 1 = Yes | 2 = No | 666 = Refuses to answer | 999 = DK |____|

25. Je, unaamini katika maisha ya baada ya kifo?

SECTION 13.4: Family Demographics

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

READ: Ningependa kujua zaidi kuhusu wazazi wako.

SECTION 13.4.1: Father

Do not read: Did this FO report that their father had passed away in KLPS-4?

1 = Yes | 2 = No |____|

If YES: Skip to QSN 5, if NO continue.

1. Is your father still alive? |____|

1. Baba yako bado yuko hai?

1 = Yes | 2 = No | 3 = DK this person so cannot answer further questions about him | 999 = DK

If No, go to q2. Else skip to question 3.

2. In which year did he pass away? |__|__|__|__|

2. Alifariki mwaka gani?

Skip to question 5.

3. Does your father live with you in the same compound/place? |____|

3. Je, baba yako anaishi nawe katika boma/sehemu moja?

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

4. Where does your father currently live?

4. Baba yako anaishi wapi kwa sasa?

4i. Country? **Use G1 codes.** |____| Other:_____

4ii. County? **Refer to “1992 district” if FR does not know the county (1992 district and county are equivalent). For FRs living in Uganda, this is “district” rather than “county”. Use G2a codes.** |____| Other:_____

If 77=FR COUNTY, continue. OTHERWISE, skip to question 4iv.

4iii. 2010 District? **If FR doesn’t know 2010 district, but does know an earlier district name, write the old district name and make a remark in FO Comments. Use G2b codes.** |____|

Other:_____

4iv. Town / city? **Use G3a codes. Code 20=Lives in a rural area.** |____| Other:_____

5. What is/was the highest level of education completed by your father? **Use G6 codes.** |____|

5. Je, ni kiwango gani cha juu cha elimu alichomaliza baba yako?

6. What year was your father born? (9999=DK) |____| |____| |____| |____|

6. Baba yako alizaliwa mwaka gani?

7. What is/was the tribe (or mother tongue) of your father? |____|

7. Je, baba yako ni/alikuwa kabilia gani (au lugha ya mama)?

8. What are / were your father’s main occupations? **Use G9 codes: List up to 3.** |____| |____| |____|

8. Baba yako ana/alikuwa na kazi gani kuu?

If Q1=Yes, continue. Else skip to question 11.

9. Is your father still working? **FO note: Ask FR to include working in the farm**

9. Baba yako bado anafanya kazi? 1 = Yes | 2 = No |____|

10. How many wives (past and present) has your father ever had? |____|

10. Baba yako amewahi kuwa na wake wangapi (wa zamani na wa sasa)?

SECTION 13.4.2: Mother

Do not read: Did this FO report that their mother had passed away in KLPS-4?

1 = Yes | 2 = No |____|

If YES: Skip to Q5, if NO continue.

1. Is your mother still alive? 1 = Yes | 2 = No |____|

1. Je, mama yako bado yuko hai?

If No, go to q2. Else skip to question 3.

2. In which year did she pass away? |__|

2. Alifariki mwaka gani?

Go to q5

3. Does your mother live with you in the same compound/place? |__|

3. Je, mama yako anaishi nawe katika boma/sehemu moja?

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

4. Where does your mother currently live? |__|

4. Mama yako anaishi wapi kwa sasa?

4i. Country? **Use G1 codes.** |__| Other:_____

4ii. County? **Refer to “1992 district” if FR does not know the county (1992 district and county are equivalent). For FRs living in Uganda, this is “district” rather than “county”. Use G2a codes.** |__| Other:_____

If 77=FR DK COUNTY, continue. OTHERWISE, skip to question 4iii.

4iii. 2010 District? **If FR doesn’t know 2010 district, but does know an earlier district name, write the old district name and make a remark in FO Comments. Use G2b codes.** |__|

Other:_____

4iv. Town / city? **Use G3a codes. Code 20=Lives in a rural area.** |__| Other:_____

5. What is/was the highest level of education completed by your mother? **Use G6 codes.** |__|

5. Je, ni kiwango gani cha juu cha elimu kilichokamilishwa na mama yako?

6. What year was your mother born? (9999 = DK) |__| |__| |__| |__|

6. Mama yako alizaliwa mwaka gani?

7. What is/was the tribe (or mother tongue) of your mother? |__|

7. Je, kabilia la mama yako ni / lilikuwa (au lugha ya mama) gani?

8. What are / were your mother’s main occupations? List up to 3. |__| |__| |__|

8. Mama yako ana/alikuwa na kazi gani kuu? List up to 3.

If Q1=Yes, continue. Else skip to question 11.

9. Is your mother still working? **FO note: Ask FR to include working in the farm**

9. Je, mama yako bado anafanya kazi? 1 = Yes | 2 = No |__|

10. What is the relationship between your mother and father?

10. Je, ameolewa/aliolewa na baba yako?

1 = Married | 2 = Widowed | 3 = Divorced | 4 = Never married |__|

If YES or NO-DIVORCED,, ask question 11. OTHERWISE, skip to the statement before question 13.4.4.

11. Is / was she your father’s first wife? Second? Third...? (1 = 1st | 2 = 2nd | etc.) |__|

11. Ni / Alikuwa bibi wa baba yako au wa pili au wa tatu?

SECTION 13.4.4: Siblings

1. Now I would like to ask you some questions about your brothers and sisters, that is, all of the children born to your natural mother, including those who are living with you, those living elsewhere and those who have died. How many children did your mother give birth to, including you? |____|

1. Sasa ningependa kukuuliza baadhi ya maswali kuhusu kaka na dada zako, yaani, watoto wote waliozaliwa na mama yako wa asili, tukijumuishawale unaoishi nao, wale wanaoishi kwingine na wale waliokufa. Mama yako alizaa watoto wangapi ukiwemo wewe?

(If more than 1, continue. If 1, confirm FR is an only child, and move to next section)

2. How many births did your mother have before you were born? |____|

2. Mama yako alizaa mara ngapi kabla hujazaliwa?

(Repeat QSN 2a to 10 for all the number of siblings mentioned in Question 1, except for the respondent.)

2a.	What was the name given to your oldest (next oldest) brother or sister? <i>Je, kaka au dada yako mkubwa zaidi (aliyefuata) alipewa jina gani?</i>	(1) ____ ____	(2) ____ ____	(3) ____ ____	(4) ____ ____	(5) ____ ____
3.	Is (NAME) male or female? <i>Je, (NAME) ni mwanamume au mwanamke?</i> 1 = Male 2 = Female	____	____	____	____	____
4.	Is (NAME) still alive? <i>Je, (NAME) bado yu hai?</i> <i>If No, go to q7, if DK, go to the next sibling. Else continue</i>	____	____	____	____	____
5.	How old is (NAME)? <i>(NAME) ana umri gani?</i>	____	____	____	____	____
6.	Where does (NAME) live? <i>(NAME) anaishi wapi?</i> A. Country? B. County C. Town or rural area? <i>(Go to question 9)</i>	____	____	____	____	____
7.	In which year did (NAME) die? <i>(NAME) alikuwa mwaka gani?</i>	____ ____				

8.	How old was (NAME) when he/she died? (NAME) alikuwa na umri gani alipofariki?	__	__	__	__	__
9.	What is (NAME)'s main occupation? (JINA) kazi yake kuu ni ipi? Use G9 codes. Ask if qn 8 is .>=18	__	__	__	__	__
10.	What is/was (NAME)'s highest level of education? Ni kiwango cha juu cha elimu cha (NAME) ni kipi? Use G6 codes. Go to the next sibling.	__	__	__	__	__

SECTION 13.5: Fertility

Please ensure the privacy of the FR for this section. If there are individuals within earshot who appear to be over age 5, please ask to speak with the FR privately.

READ: Now I would like to ask you some questions about your fertility and any children you might have. Please remember that this survey is confidential 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 pregnancies that did not end in live birth.

READ: Sasa ningependa kukuuliza maswali kuhusu uzazi wako na watoto wowote unaweza kuwa nao. Tafadhali kumbuka kwamba haya mahojiano ni siri na itatumika kwa minajili ya utafiti pekee. Pia, naelewa inaweza kuwa vigumu au kusikitisha kuzungumzia, lakini tafadhali kumbuka kujumuisha mimba ambazo mtoto hakuzaliwa uhai.

If male, skip to 1b. If female, check the year of the last KLPS round survey on the tracking sheet. If not surveyed in KLPS-2, KLPS-3 or KLPS-4 continue. Otherwise, skip to 1b.

1a. Only if FEMALE: When did you first experience menstruation?

1a. Only if FEMALE: Ni lini uliona hedhi yako kwa mara ya kwanza?

(MM/YYYY; 99/9999=DK; 77/7777 = has not yet experienced menarche) |____|/|____|/|____|

1b. For male FRs: Has a sexual partner of yours ever been pregnant with your child (including pregnancies that are current or ended in stillbirth, miscarriage or abortion)?

1b. For male FRs: Kuna mke au mpenzi wako ambaye ameshawahi kuwa na mimba yako (ikijumulisha mimba za sasa au zenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya)?

For female FRs: Have you ever been pregnant (including pregnancies that are current or ended in stillbirth, miscarriage or abortion)?

For female FRs: Umewahi kuwa na mimba / mja mzito (ikijumulisha mimba za sasa au zenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya)?

1 = Yes | 2 = No | 999 = DK |____|

If NO or DK, skip to question 53. Otherwise, continue.

2. **For male FRs:** How many times has a sexual partner of yours been pregnant with your child (including pregnancies that are current or ended in stillbirth, miscarriage or abortion)? |____|

2. For male FRs: Ni mara ngapi mke au mpenzi wako ameweza kupata mimba ya mtoto wako (ikijumulisha mimba za sasa au zenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya)?

For female FRs: How many times have you been pregnant (including pregnancies that are current or ended in stillbirth, miscarriage or abortion)? 999 = DK |____|

For female FRs: Ni mara ngapi umepata mimba (ikijumulisha mimba za sasa au zenyenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya)?

If FR claims to DK, try to prompt them for how many pregnancies they do know about.

Check the tracking sheet for the “YEAR OF LAST FERTILITY INTERVIEW”, which is the year we collected detailed information on children of this individual.

If year=8888 (never), continue. Otherwise, skip to question 3.

READ: Let's discuss these pregnancies, starting with the first one. **Skip to table below.**

READ: Hebu tujadili mimba hizi, tukianza na ya kwanza. **Skip to table below.**

3. For male FRs: Now let's focus on a shorter timeframe. Since January **[year of last fertility interview]**, how many times has a sexual partner of yours been pregnant with your child (including pregnancies that are current or ended in stillbirth, miscarriage or abortion)? |____|

3. For male FRs: Sasa tuzingatie kipindi cha muda mfupi. Tangu Januari **[year of last fertility interview]**, ni mara ngapi mke au mpenzi wako amewahi kupata mimba ya mtoto wako (ikijumulisha mimba za sasa au zenyenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya)?

For female FRs: Now let's focus on a shorter timeframe. Since January **[year of last fertility interview]**, how many times have you been pregnant (including pregnancies that are current or ended in stillbirth, miscarriage or abortion)? |____| (999 = DK)

For female FRs: Sasa tuzingatie muda mfupi uliyopita. Tangu Januari **[year of last fertility interview]**, ni mara ngapi umepata mimba (ikijumulisha mimba za sasa au zenyenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya)?

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 Question 30.

READ: Let's discuss these recent pregnancies, starting with the first one since January **[year of last fertility interview]**.

READ: Tujadili mimba hizi za karibuni kuanzia ile ya kwanza tangu Januari **[year of last fertility interview]**.

Table (part 1)

Note: Enter twins as two separate pregnancies.	(A)	(B)	(C)	(D)	(E)	(F)
---	-----	-----	-----	-----	-----	-----

<p>4. What was your relationship to the father / mother during the time of the pregnancy? [READ ALOUD OPTIONS]</p> <p>4. Uhusiano wako na mama au baba ya mtoto ulikuwa wa aina gani wakati wa mimba hiyo?</p> <p>1 = Legally married 2 = Living together but not legally married 3 = Engaged to be married 4 = Regular boyfriend or girlfriend 5 = Casual sexual partner 777= Other (specify) 999 = DK</p>	<input type="checkbox"/>					
<p>5. If male respondent: Did the mother of the baby seek antenatal care during the pregnancy?</p> <p>5. If male respondent: Je, mama ya mtoto huyu amewahi kuhudhuria tunza ya mama wajawazito alipokua mjamzito?</p> <p>If female respondent: Did you seek antenatal care during the pregnancy?</p> <p>If female respondent: Je, umewahi kuhudhuria tunza ya mama wajawazito ulipokua mjamzito?</p> <p>1 = Yes 2 = No 999 = DK</p> <p>If YES, continue. OTHERWISE, skip to question 7.</p>	<input type="checkbox"/>					

<p>6. Where was antenatal care sought? 6. Tunza (kliniki) ya mama wajawazito ilitafutwa wapi? 1 = Govt hospital / health center / dispensary, 2 = Mission hospital / health center / dispensary, 3 = Private hospital / clinic, 4 = Traditional birth attendant, 777 = Other (specify) 999 = DK</p> <p><i>If care sought at multiple locations, list the most frequent location.</i></p>						
<p>7. Is this a current pregnancy? 7. Mimba hii ni ya wakati huu? 1 = Yes 2 = No 999 = DK</p> <p><i>If YES or DK, skip to question 29.</i> <i>OTHERWISE, continue.</i></p>						
<p>8. How did the pregnancy end? 8. Hiyo mimba mwisho wake ilikuwaje? 1 = Live birth 2 = Stillbirth 3 = Miscarriage 4 = Abortion 999 = DK</p> <p><i>If “1”, skip to q.10</i> <i>If “2”, “3”, or “4” continue. If “999”, skip to q.29.</i></p>						

9a. In what month and year did the pregnancy end? (999 = DK) Try to get at least year. Then, skip to q.29. 9a. Ni katika mwezi na mwaka upi mimba hiyo ilitamatika?	<input type="text"/> / <input type="text"/> MM/YYYY					
10. Was the baby born in a hospital or clinic (as opposed to at a home)? 10. Mtoto alizaliwa hospitalini au kliniki (kinyume na nyumbani)? 1 = Yes 2 = No 999 = DK	<input type="text"/>					
11. Was the baby a boy or girl? 11. Mtoto huyu alikuwa ni mvulana au msichana? 1 = Boy 2 = Girl 999 = DK	<input type="text"/>					
12. What is the first name of this child? 12. Jina la kwanza la huyu mtoto lilikuwa gani? (DK=999) 888=NA (i.e. never named)	_____	_____	_____	_____	_____	_____
12b. Was the child born pre-term? 12b. Je, mtoto alizaliwa kabla ya muda wake kufika? 1 = Yes 2 = No 999 = DK	<input type="text"/>					
13. What month of the pregnancy was the child born? 13. Mtoto alizaliwa mwezi gani wa ujauzito?	<input type="text"/>					

<p>14. Is this child still living? 14. Je, mtoto huyu ako hai? 1 = Yes 2 = No 999 = DK If Yes or DK, continue and If No skip to question 18.</p>	<input type="checkbox"/>					
<p>15. 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? 15. Ningependa kuona kadi ya afya ya mtoto ili kurekodi siku yake ya kuzaliwa na uzito wake wakati wa kuzaliwa. Je, unaweza kuona kadi hii sasa hivi? 1 = Yes 2 = No Record NO if card is not available or does not exist.</p>	<input type="checkbox"/>					
<p>16. 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. (999 = DK) 16. "Mtoto alizaliwa mwezi na mwaka gani?"</p>	<input type="text"/> / <input type="text"/> MM/YYYY					
<p>16a. Was birthdate information obtained from health card? 16a. Je, taarifa za tarehe ya kuzaliwa zilipatikana kutoka kwa kadi ya afya? 1 = Yes 2 = No</p>	<input type="checkbox"/>					

<p>17. Record the birthweight of the child, according to the health card. If not available, ask "What was [name]'s weight at birth?"</p> <p>17. "Kilo ya [jina] wakati wa kuzaliwa ulikuwa gani?"</p> <p>(Code 9.9 = Weight not measured at birth, 99.0 = Weight measured but FR doesn't know / cannot discern it from health card)</p>	__ .__ kg					
<p>17a. Was birthweight obtained from health card?</p> <p>17a. Je, uzani wa kuzaliwa ulipatikana kutoka kwa kadi ya afya?</p> <p>1 = Yes 2 = No</p>	__	__	__	__	__	__
<p>17b. How old is this child now?</p> <p>17b. Huyu mtoto ana miaka mingapi sasa?</p> <p>Record age in years. Use 0 if <1 year.</p> <p>Compare year of birth to child age, and probe if they do not make sense together.</p> <p>Skip to question 19.</p>	__ years					
<p>18. How old in years and months was [name] when he / she died? (999=DK)</p> <p>18. [Jina] alikuwa na umri gani wa miaka na miezi alipokufa?</p> <p>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 q. 29.</p>	__ __ YY/MM					

<p>19. Has [name] ever received a vaccination?</p> <p>19. Je, [name] amewahi kupata chanjo?</p> <p>1 = Yes 2 = No 999 = DK</p>	<input type="text"/>					
<p>20. Last night, did [name] sleep under a bed net?</p> <p>20. Jana usiku, je [jina] alilala ndani ya neti?</p> <p>1 = Yes 2 = No 999 = DK</p>	<input type="text"/>					
<p>21. During the past seven days, has [name] experienced any of the following:</p> <p>21. Kwa siku saba zilizopita [jina]</p> <p>amekumbana / amekuwa na hali zifuatazo:</p> <p>1 = Yes 2 = No 999 = DK</p> <p>a. Fever / malaria? b. Vomiting? c. Cough? d. Diarrhea?</p>	a. <input type="text"/>					
b. <input type="text"/>	b. <input type="text"/>	b. <input type="text"/>	b. <input type="text"/>	b. <input type="text"/>	b. <input type="text"/>	
c. <input type="text"/>	c. <input type="text"/>	c. <input type="text"/>	c. <input type="text"/>	c. <input type="text"/>	c. <input type="text"/>	
d. <input type="text"/>	d. <input type="text"/>	d. <input type="text"/>	d. <input type="text"/>	d. <input type="text"/>	d. <input type="text"/>	

<p>22. Overall, would you say [name]’s health is very good, good, fair, poor, or very poor?</p> <p>22. Kwa ujumla utasema afya ya [jina] ni nzuri sana, nzuri, kadri, mbaya au mbaya sana?</p> <p>5 = Very good 4 = good 3 = fair 2 = poor 1 = very poor 999 = DK</p>	<input type="text"/>					
<p>23. Does [name] live with you? Meaning, does [name] typically sleep in your household?</p> <p>23. [jina] anaishi na wewe? Kumaanisha [jina] kwa kawaida analala kwa nyumba yako?</p> <p>1 = Yes 2 = No</p> <p><i>If YES, skip to q.23. If NO, continue.</i></p>	<input type="text"/>					
<p>23a. With whom does [name] live? What is this person’s relationship to you?</p> <p>23a. [jina] anaishi na nani? Uko na uhusiano gani na mtu huyu anayeishi na [jina]?</p> <p><i>Record person’s relationship to FR. Use G4 codes. (999=DK)</i></p>	<input type="text"/>					

<p>24. Who is the primary caregiver for [name] during the week?</p> <p>24. Ni nani mtunzi mkuu wa [jina] kwa wiki?</p> <p><i>List up to 2 individuals. Use G4 codes. Code based on relationship with FR, not with child. (999=DK)</i></p>	<p> __ / __ Other: _____</p>					
<p>25. Is [name] currently enrolled in a daycare?</p> <p>25. Kwa hivi sasa [jina] amesajiliwa kwa shule ya malezi ya mchana?</p> <p>1 = Yes 2 = No 999 = DK</p>	<p> __ </p>					
<p>26. Is [name] currently enrolled in school, including ECD, pre-school, or another school?</p> <p>26. Kwa hivi sasa [jina] amesajiliwa shuleni, ikijumisha shule ya chekechea au mfumo yoyote ya elimu?</p> <p>1 = Yes 2 = No 999 = DK</p> <p><i>If NO, continue. If YES, skip to 26b. If DK, skip to q.29.</i></p>	<p> __ </p>					
<p>26a. Why is [name] not currently enrolled in school, including ECD, pre-school, or another school? <i>Use E2 codes.</i></p> <p>26a. Mbona [jina] hajasajiliwa shuleni ikijumuisha shule ya chekechea, ECD au shule ingine?</p>	<p> __ _____</p>					

26b. What grade is [name] currently enrolled in? 26b. [jina] yuko darasa la ngapi? <i>Use G6 codes. (999 = DK)</i>	__	__	__	__	__	__
26c. Select Grade	__	__	__	__	__	__
27. Is this school that [name] is enrolled in public or private? 27. [jina] amesajiliwa kwa shule ya uma au ya kibinagsi? 1 = Public 2 = Private 999 = DK	__	__	__	__	__	__
27b. Does [name] board at this school? 27b. Je, [jina] anaishi katika shule hii? 1 = Yes 2 = No 999 = DK	__	__	__	__	__	__
28. Did [name] attend school last week? 28. [jina] amehudhuria shule wiki iliyopita? <i>If it is currently a holiday from school, ask about the last week before the holiday started.</i> 1 = Yes 2 = No 999 = DK	__	__	__	__	__	__

29. **For male FRs:** Has a sexual partner of yours been pregnant with any other children of yours (including pregnancies that are current or ended in stillbirth, miscarriage or abortion), since [name]?

29. IF FR IS MALE, READ: Je, mke au mpenzi wako amewahi kupata mimba yako nyininge yoyote (ikijumuisha mimba za sasa au zenyenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya), tangu [jina]?

For female FRs: Have you had any other pregnancies (including pregnancies that are current or ended in stillbirth, miscarriage or abortion) since [name]?

IF FR IS FEMALE, READ: Umekuwa na mimba nyininge yoyote (ikijumuisha mimba za sasa au zenyenye mtoto alifia tumboni, mimba kutoka kabla ya siku zake au mimba kuavya) tangu [jina]?

1 = Yes | 2 = No | 999 = DK

If YES, continue to next column (note that for households with more than 6 children, this table continues with column G below). If NO or DK, skip to question 30.

|____|

|____|

|____|

|____|

|____|

|____|

30. Do you have any other biological children, born BEFORE January **[year of last fertility interview]**, that we have not discussed just now? I know it may be difficult or upsetting, but please include children who are alive as well as children who were born alive but are no longer living now.

30. Je una watoto wengine uwaliowazaa KABLA ya Januari **[year of last fertility interview]**, ambao hatujawazungumzia sasa? Ninajua inaweza kuwa vigumu au kusikitisha, lakini tafadhali jumuisha watoto walio hai pamoja na watoto waliozaliwa wakiwa hai lakini waliaga.

1 = Yes | 2 = No | 999 = DK |

If YES, continue. If NO or DK, skip to question 49.

31. How many other biological children, born BEFORE January **[year of last fertility interview]**, do you have – whether they are currently living or not? (999 = DK) |

31. Ni watoto wangapi wengine uliowazaa KABLA ya Januari **[year of KLPS-4 interview]**, hata kama wako hai au la?

If FR claims not to know, prompt for how many they do know about. If FR insists they DK, skip to question 49.

READ: I would like to ask just a few questions about the health and schooling of these older children.

READ: Sasa ningependa kukuuliza maswali machache kuhusu afya na masomo ya hawa watoto wakubwa.

If there is more than one: Let's first talk about the youngest of these children born before **[year of last fertility interview]**

If there is more than one: Acha tuanze na mdogo kwa hawa watoto waliozaliwa kabla ya **[year of last fertility interview]**. Proceed to question 33, and down column A.

	(A)	(B)	(C)	(D)	(E)	(F)
33. What is the child's first name? 33. Jina la kwanza la mtoto huyu ni nani? 999 = DK 888 = NA i.e. never named	_____	_____	_____	_____	_____	_____
34. Is [name] a boy or girl? 34. [jina] ni mvulana au msichana? 1 = Boy 2 = Girl 999 = DK	<input type="text"/>					

35. What year was [name] born? 35. [jina] alizaliwa mwaka gani? What was [name]’s month of birth? [jina] alizaliwa mwezi gani? 999 = DK	__ / __ _ _	__ / __ _ _	__ / __ _ _	__ / __ _ _	__ / __ _ _	__ / __ _ _
35a. Was [child name] born pre-term? 35a. Je, [jina] alizaliwa kabla ya muda wake kufika? 1 = Yes 2 = No 999 = DK	__	__	__	__	__	__
35b. What month of the pregnancy was [child name] born? 35b. Ni mwezi gani wa ujauzito [jina] alizaliwa?	__	__	__	__	__	__
36. Is this child still living? 36. Mtoto huyu bado yuko hai? 1 = Yes 2 = No 999 = DK <i>If NO, continue. If YES, skip to q.38. If DK, skip to q.48.</i>	__	__	__	__	__	__
36a. How old in years and months was [name] when he / she died? 36a. [jina] alikuwa na miaka na miezi mingapi alipofariki? 999 = DK <i>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 q. 48.</i>	__ __ YY/MM					

<p>37. Last night, did [name] sleep under a bed net?</p> <p>37. Usiku uliopita [jina] alilala ndani ya chandarua / neti ya kuzuia mbu?</p> <p>1 = Yes 2 = No 999 = DK</p>	<input type="text"/>					
<p>38. During the past seven days, has [name] experienced any of the following:</p> <p>38. Kwa siku saba zilizopita [jina] amekumbana na yoyote ya hali zifuatazo:</p> <p>1 = Yes 2 = No 999 = DK</p> <p>a. Fever / malaria? b. Vomiting? c. Cough? d. Diarrhea?</p>	a. <input type="text"/>					
<p>39. Overall, would you say [name]'s health is very good, good, fair, poor, or very poor?</p> <p>39. Kwa ujumla ungesema afya ya [jina] ni nzuri sana, nzuri, kadri, mbaya au mbaya sana?</p> <p>5 = Very good 4 = good 3 = fair 2 = poor 1 = very poor 999 = DK</p>	<input type="text"/>					

<p>40. Does [name] live with you? Meaning, does [name] typically sleep in your household?</p> <p>40. [jina] anaishi nawe? Kumaanisha [jina] kwa kawaida hulala kwa nyumba yako?</p> <p>1 = Yes 2 = No</p> <p><i>If YES, skip to q.42. If NO, continue.</i></p>	<input type="text"/>					
<p>41a. With whom does [name] live? What is this person's relationship to you?</p> <p>41a. [jina] anaishi na nani? Uko na uhusiano gani na mtu huyu anayeishi na [jina]?</p> <p><i>Record person's relationship to FR. Use G4 codes. 999 = DK</i></p>	<input type="text"/>					
<p>42. Who is the primary caregiver for [name] during the week?</p> <p>42. Ni nani mtunzi mkuu wa [jina] kwa wiki?</p> <p>999 = DK <i>List up to two. Use G4 codes. Code based on relationship with FR, not child.</i></p>	<input type="text"/> / <input type="text"/>					
<p>43. Is [name] currently enrolled in a daycare?</p> <p>43. Kwa hivi sasa [jina] amesajiliwa shule ya malezi ya mchana?</p> <p>1 = Yes, 2 = No, 999 = DK</p>	<input type="text"/>					

<p>44. Is [name] currently enrolled in school, including ECD, pre-school, or another school?</p> <p>44. Kwa hivi sasa [jina] amesajiliwa katika shule, ikijumuisha shule ya chekechea au shule yoyote?</p> <p>1 = Yes 2 = No 999 = DK</p> <p><i>If YES, skip to q45 cont. Else, continue</i></p>	<input type="text"/>					
<p>44a. Why is [name] not currently enrolled in school, including ECD, pre-school, or another school? Use E2 codes.</p> <p>44a. Mbona [jina] hajasajiliwa shule ya chekechea, ECD au shule ingine?</p> <p><i>Skip to q48</i></p>	<input type="text"/>					
<p>45. What grade is [name] currently enrolled in? Use G6 codes. (999=DK)</p> <p>45. [jina] yuko darasa/grade la ngapi?</p>	<input type="text"/>					
<p>46. Is this school that [name] is enrolled in public or private?</p> <p>46. [jina] amesajiliwa katika shule ya umma au kibinagsi?</p> <p>1 = Public 2 = Private 999 = DK</p>	<input type="text"/>					

<p>47. Did [name] attend school last week?</p> <p>47. Je, [jina] alihudhuria shule wiki iliyopita?</p> <p>If it is currently a holiday from school, ask about the last week before the holiday started.</p> <p>1 = Yes 2 = No 999 = DK</p>	<input type="text"/>					
<p>48. Do you have any other children, born before January [year of KLPS-4/KLPS-Kids interview], that we have not yet discussed?</p> <p>48. Je, una watoto wengine wowote waliozaliwa kabla Januari [year of KLPS-4/KLPS-Kids interview], wenye hatujawazungumzia?</p> <p>1 = Yes 2 = No 999 = DK</p> <p>If YES, continue to the next column. If NO or DK, skip to q.49.</p>	<input type="text"/>					

49. Does the FR have any living, biological children? 1 = Yes | 2 = No |

If YES, continue. If NO, skip to question 53.

51. Have you purchased any drugs for worm infections or schistosomiasis for your children in the last year?

1 = Yes | 2 = No | 999 = DK |

51. Umenunulia watoto wako dawa zozote za minyoo au kichocho kwa mwaka uliopita?

51a. **If YES:** How much have you spent in total on drugs for worm infections or schistosomiasis for your children in the last year? | |

51a. **If YES:** Umetumia pesa ngapi kwa jumla kwa dawa za minyoo au kichocho kwa watoto wako kwa miezi 12 uliopita

51b. **List currency if not KSH. Use G12 codes.** | | Other: _____

52. Have you received any drugs for worm infections or schistosomiasis (for free) for your children in the last year? 1 = Yes | 2 = No |
999 = DK | ____ |

52. Umewahi pokea madawa yoyote ya minyoo au kichocho (ya bure) kwa watoto wako mwaka uliopita?

53. Have you ever tried for 12 months to conceive a child with a partner but have been unable to?

53. Umewahi jaribu kupata mimba na mpenzi yeyote kwa miezi kumi na miwili lakini hamjafanikiwa?

1 = Yes | 2 = No | 999 = DK | ____ |

54. Today, if you could choose exactly, how many children do you want to have in total, including any you have now? (44=As many as possible, 999 =DK) | ____ |

54. Leo, kama ungeweza kuchagua kwa uhakika, ni watoto wangapi unataka kuwa nao kwa jumla, tukijumuisha wowote ulio nao sasa?

SECTION 13.6: Migration

1. ***Do not ask the following question to the FR.*** What was the last **year of a migration interview** with this respondent? ***This information can be found in the OTHER INFO section of the TRACKING SHEET.*** |__|__|__|__|
Use this “year of last Migration interview” to ask the following questions.

2. Since January **[year of last Migration interview]**, have you lived in any other ADMINISTRATIVE LOCATION than where you live now for more than four months?

2. **Tangu Januari [year of last Migration interview]**, umewahi kuishi katika KATA nyingine kando na hii unayoishi sasa kwa zaidi ya miezi minne?

1 = Yes | 2 = No |__|

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

3. Where were you living in January **[year of last Migration interview]**?

3. **Ulikuwa unaishi wapi Januari [year of last Migration interview]**?

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

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

3c. ***If “77=FR DK county”, ask: 2010 District? Use G2b codes.*** |__| Other: _____

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

3d. Town / City? ***Use G3a codes. Code 20=Lives in a rural area.*** |__| Other: _____

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

3e. Location? ***For FRs living in Uganda, ask for “county” rather than “location”. Use G3b codes.*** |__| Other: _____

3f. Sub-location? ***For FRs living in Uganda, ask for “sub-county” rather than “sub-location”. Use G3c codes.*** |__| Other: _____

3g. Village / Neighborhood? ***Write.*** (999 = DK) _____

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

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

			Residence #1	Residence #2	Residence #3	Residence #4	Residence #5
5. Ulifika lini mahali hapa?							

6. Why did you move to this place? 6. Kwa nini ulihamia mahali hapa?	<i>Use G5 codes List up to 3 reasons.</i>		<input type="text"/> <input type="text"/> <input type="text"/> <hr/> <hr/> <hr/>				
7. When you moved, whom did you live with in this place? 7. Ulipohama uliishi na nani mahali hapa?	<i>Use G4 codes List up to 3 persons.</i>		<input type="text"/> <input type="text"/> <input type="text"/> <hr/> <hr/> <hr/>				

<p>7a. Were any of these individuals your schoolmates from primary school?</p> <p><i>7a. Je, ye yote kati ya hawa walikuwa wanafunzi wenzako kutoka shule ya msingi?</i></p>	<p>1 = Yes 2 = No 999 = DK</p>		<input type="text"/>				
<p>8. After living here, did you live in any other administrative Location for at least four months?</p> <p><i>8. Baada ya kuishi hapa, je, uliishi katika Eneo lingine lolote la kiutawala kwa angalau miezi minne?</i></p>	<p>1 = Yes 2 = No</p>	<p><i>If YES, continue to next column. If NO, go to question 9.</i></p>	<input type="text"/>				

Confirm that the last reported residence listed in this table matches the current residence listed in Section 3 of this survey. If not, probe the FR further about their migration history.

9. How long do you think you will live in your current residence?

Unit: 1 = days | 2 = months | 3 = years | 4 = always Number: Unit:

9. Unafikiri utaishi kwa muda gani katika makazi yako ya sasa?

If response is “always”, number should be “88”. If DK, number and unit should be “99”. For FRs who are live-in house help or live-in guards, ask them how long they will remain living at their employer’s home.

If FR has any children in the KLPS-Kids sample, continue. Else skip to Section 13.7.

READ: Now I would like to briefly ask about the living arrangements of your child [KLPS-Kids Child 1].

READ: Sasa ningependa kuuliza kwa ufupi kuhusu mpangilio wa maisha wa mtoto wako [KLPS-Kids Child 1].

10. Has [KLPS-Kids Child 1] always lived in the same place as you? **Note: please exclude any instances where the period apart was less than 4 months.**

10. Je, [KLPS-Kids Mtoto 1] amekuwa akiishi mahali pamoja na wewe kila wakati? **Note: tafadhali usiondoe matukio yoyote ambapo muda uliotengwa ulikuwa chini ya mwezi nne.**

1 = Yes, always lived together in the same household

2 = Always lived in the same village/town/city but not always in the same household

3 = No, have not always lived in the same village/town/city as this child

999 = Don't know

If FR has a second KLPS-Kids child, continue. Else skip to Section 13.7

READ: Now I would like to briefly ask about the living arrangements of your child [KLPS-Kids Child 2].

READ: Sasa ningependa kuuliza kwa ufupi kuhusu mpangilio wa kuishi wa mtoto wako [KLPS-Kids Child 2].

11. Has [KLPS-Kids Child 2] always lived in the same place as you? **Note: please exclude any instances where the period apart was less than 4 months.**

11. Je, [KLPS-Kids Mtoto 2] amekuwa akiishi sehemu moja na wewe kila wakati? **Note: tafadhali usiondoe matukio yoyote ambapo muda uliotengwa ulikuwa chini ya mwezi nne.**

1 = Yes, always lived together in the same household

2 = Always lived in the same village/town/city but not always in the same household

3 = No, have not always lived in the same village/town/city as this child.

999 = Don't know

SECTION 13.7: Crime Victimization

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. **If the FR answers yes to any question, continue across the row.**

READ: Sasa ningependa kukuuliza kama umekuwa mwathiriwa wa uhalifu au mwathiriwa kwa jaribio la uhalifu kwa miezi kumi na miwili iliyopita.

	(A) 1 = Yes 2 = No	(B) <i>If YES:</i> How many times? Ni mara ngapi? 999 = DK	(C) How many of these cases have you reported to the police or a Village Elder (liguru)? Kwa visa hivi, ni vingapi umeripoti kwa polisi au liguru? 999 = DK
1. During the last 12 months, has someone stolen or attempted to steal any livestock from you? 1. Kwa miezi kumi na miwili iliyopita, kuna mtu ameiba au kujaribu kuiba mifugo yoyote kutoka kwako?	____	____	____
2. During the last 12 months, has someone stolen or attempted to steal any household items or personal items e.g. phones? 2. Kwa miezi kumi na miwili iliyopita, kuna mtu ameiba au kujaribu kuiba vitu vyovoyote vyaa nyumba kutoka kwako au vitu vyako k.v simu?	____	____	____
3. During the last 12 months, has someone stolen or attempted to steal any cash from you? 3. Kwa miezi kumi na miwili iliyopita, kuna mtu ameiba au kujaribu kuiba pesa yoyote kutoka kwako?	____	____	____
4. During the last 12 months, has someone assaulted you without a weapon? 4. Kwa miezi kumi na miwili iliyopita, kuna mtu amekushambulia bila silaha?	____	____	____
5. During the last 12 months, has someone assaulted you using a weapon (such as a club, machete or gun)? 5. Kwa miezi kumi na miwili iliyopita, kuna mtu amekushambulia kutumia silaha k.v rungu, panga au bunduki?	____	____	____
6. During the last 12 months, have you been the victim of arson? 6. Kwa miezi kumi na miwili iliyopita, umekuwa mwathiriwa wa mtu kukuchomea chochote na moto?	____	____	____
7. During the last 12 months, have you been the victim of witchcraft? 7. Kwa miezi kumi na miwili iliyopita, umekuwa	____	____	____

mwathiriwa wa uchawi?			
8. During the last 12 months, have you been the victim of any other crime or attempted crime? 8. Kwa miezi kumi na miwili iliyopita, umekuwa mwathiriwa wa uhalifu wowote au jaribio la uhalifu mwingine wowote?	____	____	____
8a. Describe: _____			

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?

9. Kwa miezi kumi na miwili iliyopita, umekuwa na wasiwasi kiasi, wasiwasi kabisa au huna wasiwasi kabisa kuhusu uhalifu na usalama kwa kijiji chenu?

1 = Very worried | 2 = Somewhat worried | 3 = Not very worried | 999 = DK |____|

Section 14: Economic Preferences

SECTION 14.1: Risk Preferences

READ: Please imagine the following situation: You can choose between a sure payment of a particular amount of money, or a draw, where you would have an equal chance of getting 900 shillings or getting nothing. We will present to you five different situations.

Tafadhalni zitafakari hali zifuatazo: waweza ukachagua kati ya malipo ya uhakika ya kiwango Fulani cha pesa AU droo ambayo una nafasi sawa ya kupata shilingi 900 au uambulie patupu. Tutakupatia hali tano tofauti.

4a. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 240 Ksh as a sure payment?

4a. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 240 zenyenauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know |____|

If "50/50", skip to question 4q. If "Sure payment", continue to 4b.

4b. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 120 Ksh as a sure payment?

4b. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 120 zenyenauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know |____|

If "50/50", skip to question 4j. If "sure payment", continue to 4c.

4c. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 60 Ksh as a sure payment?

4c. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 60 zenyenauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", continue to 4d. If "sure payment", skip to 4g.

4d. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 90 Ksh as a sure payment?

4d. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 90 zenyenauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", continue to 4e. If "sure payment", skip to 4f.

4e. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 105 Ksh as a sure payment?

4e. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 105 zenyenauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4f. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 75 Ksh as a sure payment?

4f. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 75 zenyenauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4g. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 30 Ksh as a sure payment?

4g. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 30 zenyenauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", continue to 4h. If "sure payment", skip to question 4i.

4h. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 45 Ksh as a sure payment?

4h. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 45 zenyenauhakika

wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4i. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 15 Ksh as a sure payment?

4i. **Ungependelea nini: Droo yeny nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 15 zeny unauhakika wa kupata?**

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", skip to Section 14.2. If "sure payment", skip to question 4ff.

4j. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 180 Ksh as a sure payment?

4j. **Ungependelea nini: Droo yeny nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 180 zeny unauhakika wa kupata?**

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", skip to question 4n. If "sure payment", continue to 4k.

4k. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 150 Ksh as a sure payment?

4k. **Ungependelea nini: Droo yeny nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 150 zeny unauhakika wa kupata?**

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", skip to question 4m. If "sure payment", continue to 4l.

4l. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 135 Ksh as a sure payment?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4m. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 165 Ksh as a sure payment?

4m. **Ungependelea nini: Droo yeny nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 165 zeny unauhakika wa kupata?**

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4n. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 210 Ksh as a sure payment?

4n. **Ungependelea nini: Droo yeny nafasi ya asilimia 50 kujishindia shilingi 900 na pia**

uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 210 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", continue to 4o. If "sure payment", skip to question 4p.

4o. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 225 Ksh as a sure payment?

4o. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 225 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4p. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 195 Ksh as a sure payment?

4p. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 195 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4q. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 360 Ksh as a sure payment?

4q. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 360 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", skip to question 4y. If "sure payment", continue to 4r.

4r. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 300 Ksh as a sure payment?

4r. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 300 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", skip to question 4v. If "sure payment", continue to 4s.

4s. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 270 Ksh as a sure payment?

4s. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 270 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", continue to 4t. If "sure payment", skip to question 4u.

4t. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 285 Ksh as a sure payment?

4t. Ungependelea nini: Droo yenye nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 285 zenye unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4u. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 255 Ksh as a sure payment?

4u. Ungependelea nini: Droo yenye nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 225 zenye unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4v. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 330 Ksh as a sure payment?

4v. Ungependelea nini: Droo yenye nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 330 zenye unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", continue to 4w. If "sure payment", skip to 4x.

4w. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 345 Ksh as a sure payment?

4w. Ungependelea nini: Droo yenye nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 345 zenye unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4x. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 315 Ksh as a sure payment?

4x. Ungependelea nini: Droo yenye nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 315 zenye unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4y. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 420 Ksh as a sure payment?

4y. Ungependelea nini: Droo yenye nafasi ya asilimia 50 kujishindia shilingi 900 na pia

uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 420 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", skip to question 4cc. If "sure payment", continue to 4z.

4z. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 390 Ksh as a sure payment?

4z. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 390 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", continue to 4aa. If "sure payment", skip to question 4bb.

4aa. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 405 Ksh as a sure payment?

4aa. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 405 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4bb. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 375 Ksh as a sure payment?

4bb. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 375 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4cc. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 450 Ksh as a sure payment?

4cc. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 450 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

If "50/50", skip to question 4ee. If "sure payment", continue to 4dd.

4dd. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 435 Ksh as a sure payment?

4dd. Ungependelea nini: Droo yenyenafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 435 zenyne unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____ |

Skip to Section 14.2.

4ee. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 465 Ksh as a sure payment?

4ee. Ungependelea nini: Droo yeny nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 465 zeny unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____|

Skip to Section 14.2.

4ff. What would you prefer: A draw with a 50-percent chance of receiving 900 Ksh and the same 50-percent chance of receiving nothing, OR the amount of 0 Ksh as a sure payment?

4ff. Ungependelea nini: Droo yeny nafasi ya asilimia 50 kujishindia shilingi 900 na pia uwezekano wa asilimia 50 kuambulia patupu, au kiwango cha pesa shilingi 0 zeny unauhakika wa kupata?

1 = 50/50 | 2 = Sure payment | 999 = Don't Know | _____|

If "sure payment", continue to 4gg. If "50/50", skip to Section 14.2.

4gg. What is the reason you selected 0 as a sure payment instead of a draw, where you would have an equal chance of getting 900 shillings or getting nothing? | _____|

4gg. Ni kwa nini umechagua 0 kama malipo ya uhakika badala ya droo, ambapo ungekuwa na nafasi sawa ya kupata shilingi 900 au kutopata chochote?

1 = Gambling is not allowed by my religion

2 = I have bad experiences from gambling

3 = I think that gambling encourages laziness and so I avoid it

4 = I have fear for unknown outcomes

777 = Other reason (please specify) _____

SECTION 14.2: Social Preferences

[RANDOMIZATION: 16.67% Q5a-Q6C.]

NOTE: FOR THE QUESTIONS IN THIS SECTION, READ THE QUESTIONS EXACTLY AS WRITTEN. YOU MAY REPEAT ANY QUESTIONS AS MANY TIMES AS YOU'D LIKE, BUT DO NOT REPHRASE ANY QUESTION OR ADD ADDITIONAL COMMENTS OR EXPLANATIONS. PLEASE ENSURE TO GIVE THE FR MORE TIME IF THE FR NEEDS MORE TIME TO RESPOND TO THESE QUESTIONS.

READ: Now I will ask you to make six decisions that will influence how much money you or other people receive. You are not going to be paid for all of them. Importantly, after you are finished with all the decisions, the computer will pick one of them for which you will be paid. Each of the decisions has the same chance to be picked. Thus you should choose as if each decision determined your payment. It is in your interest to carefully make the following six decisions.

READ: Sasa nitakuuliza ufanye maamuzi sita ambayo yatakushawishi wewe na watu wengine kupokea pesa. Hatalipwa pesa kwa maamuzi yote. Cha muhimu, baada ya kumaliza maamuzi

yote, kompyuta itachagua moja ambayo utalipwa. Kila moja ya maamuzi yana nafasi sawa ya kuchaguliwa. Kwa hivyo unapaswa kuchagua kana kwamba kila uamuzi unaamua malipo yako. Ni kwa manufaa yako kufanya maamuzi sita yafuatayo kwa umakini.

0. What is your ancestral home? Here we mean your ancestral 2010 Districts.

0. **Kwenu asili ni wapi? Hapa namaanisha wilaya ya 2010 ya kwenu asili ni gani?**

Use code G2b | _____ | Other Specify County _____ and 2010 District _____

5a. For this decision, you are matched with a person from Kenya who is unknown to you. You as well as the other person received an opportunity to get KSH.160 each. You can decide between two options. Remember, this decision can be the one chosen for payment. Which option do you choose? |____|

1 = You receive KSH.160 and the other person receives KSH.160.

2 = You receive KSH.158 and the other person receives KSH.80.

5a. Kwa uamuzi huu, umeekwa na mtu kutoka Kenya ambaye humjui. Nyinyi nyote mna nafasi sawa ya kupokea sh 160 kila mmoja. Unaweza amua moja kati ya hizi mbili. Kumbuka uamuzi huu utakao amua unaweza kuwa moja wapo ya malipo.

Ni gani Utachagua?

1 = Upokee ksh 160 na huyo mwengine pia apokee ksh 160

2 = Upokee ksh.158 na huyo mwengine apokee ksh.80

5b. For this decision, you are matched with a different person from Kenya who is unknown to you, but we can tell you the person is from your ancestral home area. You and the other person received an opportunity to get KSH.160 each. You can decide between two options. Remember, this decision can be the one chosen for payment. Which option do you choose? |____|

1 = You receive KSH.160 and the person from my ancestral area receives KSH.160.

2 = You receive KSH.158 and the person from my ancestral home area receives KSH.80.

5b. Kwa uamuzi huu, umewekwa na mtu kutoka Kenya ambaye humjui, lakini tunaweza kukueleza kuwa mtu huyo anatoka kwenu asili. Nyinyi nyote mna nafasi sawa ya kupokea ksh.160 kila mmoja. Unaweza amua moja kati ya hizi mbili: Kumbuka uamuzi huu utakao amua unaweza kuwa mojawapo ya malipo.

Ni gani utachagua?

1 = Upokee ksh.160 na huyo mwengine kutoka kwenu asili apokee ksh.160

2 = Upokee ksh.158 na huyo mwengine kutoka kwenu asili apokee ksh.80

5c. For this decision, you are matched with yet another person from Kenya who is unknown to you, but we can tell you the person is not from your ancestral home area. The person comes from a different region. You and the other person received an opportunity to get KSH.160 each. You can decide between two options. Remember, this decision can be the one chosen for payment. Which option do you choose? |____|

1 = You receive KSH.160 and the person from other parts of Kenya, other than my ancestral home area receives KSH.160.

2 = You receive KSH.158 and the person from Kenya, other than my ancestral home area receives KSH.80.

5c. Kwa uamuzi huu, Umewekwa na mtu kutoka Kenya ambaye humjui na hatoki kwenu asili.

Huyu mtu anatoka pande nyingine ya Kenya. Nyinyi, nyote mna nafasi sawa ya kupokea ksh.160 kila mmoja. Unaweza amua moja kati ya hizi mbili. Kumbuka uamuzi huu utakao amua unaweza kuwa moja wapo ya malipo.

Ni gani utachagua?

1 = Upokee ksh.160 na huyo mtu mwingine kutoka upande mwingine mwa Kenya kando na kwenu asili apokee ksh.160.

2 = Upokee ksh.158 na huyo mtu mwingine kutoka upande mwingine mwa Kenya kando na kwenu asili apokee ksh.80

6a. For this decision, you receive KSH.160. If this decision is chosen for payment, you will receive the money you decide to keep for yourself and we will transfer your donation to a charity that helps people in Kenya. How much of KSH.160 do you want to donate to a charity that helps people in Kenya? |____|

6a. Kwa uamuzi huu utapokea ksh.160 ikiwa huu uamuzi utachaguliwa kwa malipo, utapokea pesa ambayo utaamua kujiwekea mwenyewe halafu tutapeana mchango wako kwa shirika la msaada linalosaidia watu kutoka Kenya. Ni kiasi gani cha ksh.160 ambacho unataka kupeana kwa shirika la msaada linalosaidia watu Kutoka Kenya?

6b. For this decision, you receive KSH.160. If this decision is chosen for payment, you will receive the money you decide to keep for yourself and we will transfer your donation to a charity that helps people in your ancestral home area. How much of KSH.160 do you want to donate to a charity that helps people in your ancestral home area? |____|

6b. Kwa uamuzi huu, utapokea ksh. 160 ikiwa uamuzi huu utachaguliwa kwa malipo, utapokea pesa ambayo utaamua kujiwekea mwenyewe halafu tutapeana mchango wako kwa shirika la msaada linalosaidia watu kutoka kwenu asili. Ni kiasi gani cha ksh.160 ambacho unataka kupeana kwa shirika la msaada linalosaidia watu kutoka kwenu asili?

6c. For this decision, you receive KSH.160. If this decision is chosen for payment, you will receive the money you decide to keep for yourself and we will transfer your donation to a charity that helps people from other parts of Kenya, other than your ancestral home area. How much of KSH.160 do you want to donate to a charity that helps people from other parts of Kenya, other than your ancestral area? |____|

6c. Kwa uamuzi huu, utapokea ksh. 160 ikiwa uamuzi huu utachaguliwa kwa malipo, utapokea pesa ambayo utaamua kujiwekea mwenyewe halafu tutapeana mchango wako kwa shirika la msaada linalosaidia watu kutoka sehemu zengine za Kenya kando na kwenu asili. Ni kiasi gani cha ksh.160 ambacho unataka kupeana kwa shirika la msaada linalosaidia watu kutoka sehemu zengine za Kenya kando na kwenu asili?

READ: The Computer has randomly selected one of your previous decisions above and for this you will receive **Ksh.[Selected Decision Amount]** and the other person/charity will receive **Ksh.[Allocated Amount]**. You will receive the money via Mpesa within 5 business working days.

READ: Kompyuta imechagua moja ya uamuzi wako wa hapo awali na kwa hii utapokea Shilingi **Ksh.[Selected Decision Amount]**na mtu mwingine ambaye humjui atapokea Shilingi **Ksh.[Allocated Amount]**. Utapokea pesa hii kwa njia ya Mpesa kwa siku tano za kazi.

READ: Please think about what you would do in the following situation. You are in a city you are not familiar with, and you realize you lost your way. You ask a stranger for directions. The stranger offers to walk with you and show you the way to your destination. By helping you the stranger misses an hour of work and thus loses 100 shillings in total. However, the stranger says he or she does not want any money from you. When you arrive to your destination, you can buy a gift for the stranger in a shop.

READ: Tafadhali fikiria kuhusu kile ungefanya kwa hali ifuatayo. Uko katika jiji ambalo haulielewi na ukagundua umepotea. Unauliza mtu usiyemfahamu njia. Huyu mtu usiyemfahamu anajitolea kutembea na wewe na kukuonyesha njia ya mahali uendako. Kwa kukusaidia, huyu mtu usiyemfahamu anakosa kazini kwa lisaa limoja na anapoteza shilingi 100 kwa jumla. Hata hivyo huyu mtu usiyemfahamu anasema yeye hahitaji pesa yoyote kutoka kwako. Unapofika mahali uendapo unaweza mnunulia huyu mtu usiyemfahamu zawadi kwa duka.

7a. Do you buy a “thank-you”- gift for the stranger? 1 = Yes | 2 = No | 999 = DK | ____ |

7a. Je unamnunulia zawadi ya shukrani mtu huyu usiyemfahamu?

If “yes”, continue. Otherwise, skip to 7a.

7ai. How much money will you spend on the present? | ____ | Ksh

7ai. Je, utatumia pesa ngapi kununua hiyo zawadi?

SECTION 14.3: Time Preferences

READ: Suppose you were given the choice between receiving a payment today or a payment in 1 month. We will now present to you five situations. The payment today is the same in each of these situations. The payment in 1 month is different in every situation. For each of these situations we would like to know which you would choose. Please assume there is no inflation, i.e., future prices are the same as today's prices.

READ: Chukulia kuwa umepewa chaguo kati ya kupokea malipo leo au malipo baada ya mwezi mmoja. Sasa tutakupatia hali tano. Malipo leo ni sawa katika kila moja ya hali hizi. Malipo baada ya mwezi mmoja ni tofauti katika kila moja ya hali hizi. Kwa kila moja ya hali hizi, tungependa kujuia ile ungechagua. Tafadhali chukulia kuwa hakuna mfumuko wa bei za bidhaa yaani bei za siku zijazo ni sawa na za leo.

8a. Please consider the following: Would you rather receive 300 shillings today or 461 shillings in 1 month? 1 = Now | 2 = In 1 month | 999 = DK | ____ |

8a. Tafadhali zingatia yafuatayo: Je, ungependelea upokee shillingi 300 leo au shillingi 461 baada ya mwezi mmoja?

If “now”, skip to question 8q. If “in 1 month”, continue to 8b.

8b. Would you rather receive 300 shillings today or 376 shillings in 1 month?

8b Je, ungependelea upokee shillingi 300 leo au shillingi 376 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If “now”, skip to question 8j. If “in 1 month”, continue to 8c.

8c. Would you rather receive 300 shillings today or 337 shillings in 1 month?

8c. Je, ungependelea upokee shillingi 300 leo au shillingi 337 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", skip to question 8g. If "in 1 month", continue to 8d.

8d. Would you rather receive 300 shillings today or 318 shillings in 1 month?

8d. Je, ungependelea upokee shillingi 300 leo au shillingi 318 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", skip to 8f. If "in 1 month", continue to 8e.

8e. Would you rather receive 300 shillings today or 309 shillings in 1 month?

8e. Je, ungependelea upokee shillingi 300 leo au shillingi 309 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8f. Would you rather receive 300 shillings today or 328 shillings in 1 month?

8f. Je, ungependelea upokee shillingi 300 leo au shillingi 328 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8g. Would you rather receive 300 shillings today or 356 shillings in 1 month?

8g. Je, ungependelea upokee shillingi 300 leo au shillingi 356 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", continue to 8h. If "in 1 month", skip to 8i.

8h. Would you rather receive 300 shillings today or 366 shillings in 1 month?

8h. Je, ungependelea upokee shillingi 300 leo au shillingi 366 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8i. Would you rather receive 300 shillings today or 347 shillings in 1 month?

8i. Je, ungependelea upokee shillingi 300 leo au shillingi 347 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8j. Would you rather receive 300 shillings today or 418 shillings in 1 month?

8j. Je, ungependelea upokee shillingi 300 leo au shillingi 418 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", skip to question 8n. If "in 1 month", continue to 8k.

8k. Would you rather receive 300 shillings today or 397 shillings in 1 month?

8k. Je, ungependelea upokee shillingi 300 leo au shillingi 397 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", skip to question 8m. If "in 1 month", continue to 8l.

8l. Would you rather receive 300 shillings today or 386 shillings in 1 month?

8l. Je, ungependelea upokee shillingi 300 leo au shillingi 386 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

Skip to Section 14.4.

8m. Would you rather receive 300 shillings today or 407 shillings in 1 month?

8m. Je, ungependelea upokee shillingi 300 leo au shillingi 407 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

Skip to Section 14.4.

8n. Would you rather receive 300 shillings today or 439 shillings in 1 month?

8n. Je, ungependelea upokee shillingi 300 leo au shillingi 439 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

If "now", skip to question 8p. If "in 1 month", continue to 8o.

8o. Would you rather receive 300 shillings today or 428 shillings in 1 month?

8o. Je, ungependelea upokee shillingi 300 leo au shillingi 428 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

Skip to Section 14.4.

8p. Would you rather receive 300 shillings today or 450 shillings in 1 month?

8p. Je, ungependelea upokee shillingi 300 leo au shillingi 450 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

Skip to Section 14.4.

8q. Would you rather receive 300 shillings today or 555 shillings in 1 month?

8q. Je, ungependelea upokee shillingi 300 leo au shillingi 555 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

If "now", continue to 8r. If "in 1 month", skip to question 8y.

8r. Would you rather receive 300 shillings today or 605 shillings in 1 month?

8r. Je, ungependelea upokee shillingi 300 leo au shillingi 605 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

If "now", skip to question 8v. If "in 1 month", continue to 8s.

8s. Would you rather receive 300 shillings today or 580 shillings in 1 month?

8s. Je, ungependelea upokee shillingi 300 leo au shillingi 580 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | |

If "now", continue to 8t. If "in 1 month", skip to question 8u.

8t. Would you rather receive 300 shillings today or 592 shillings in 1 month?

8t. Je, ungependelea upokee shillingi 300 leo au shillingi 592 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8u. Would you rather receive 300 shillings today or 567 shillings in 1 month?

8u. Je, ungependelea upokee shillingi 300 leo au shillingi 567 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8v. Would you rather receive 300 shillings today or 631 shillings in 1 month?

8v. Je, ungependelea upokee shillingi 300 leo au shillingi 631 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", continue to 8w. If "in 1 month", skip to question 8x.

8w. Would you rather receive 300 shillings today or 644 shillings in 1 month?

8w. Je, ungependelea upokee shillingi 300 leo au shillingi 644 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", skip to 8ff. If "in 1 month", skip to Section 14.4.

8x. Would you rather receive 300 shillings today or 618 shillings in 1 month?

8x. Je, ungependelea upokee shillingi 300 leo au shillingi 618 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8y. Would you rather receive 300 shillings today or 507 shillings in 1 month?

8y. Je, ungependelea upokee shillingi 300 leo au shillingi 507 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", skip to question 8cc. If "in 1 month", continue to 8z.

8z. Would you rather receive 300 shillings today or 484 shillings in 1 month?

8z. Je, ungependelea upokee shillingi 300 leo au shillingi 484 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

If "now", skip to question 8bb. If "in 1 month", continue to 8aa.

8aa. Would you rather receive 300 shillings today or 473 shillings in 1 month?

8aa. Je, ungependelea upokee shillingi 300 leo au shillingi 473 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8bb. Would you rather receive 300 shillings today or 495 shillings in 1 month?

8bb. Je, ungependelea upokee shillingi 300 leo au shillingi 495 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK | ____ |

Skip to Section 14.4.

8cc. Would you rather receive 300 shillings today or 531 shillings in 1 month?

8cc. Je, ungependelea upokee shillingi 300 leo au shillingi 531 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK |

If "now", skip to question 8ee. If "in 1 month", continue to 8dd.

8dd. Would you rather receive 300 shillings today or 519 shillings in 1 month?

8dd. Je, ungependelea upokee shillingi 300 leo au shillingi 519 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK |

Skip to Section 14.4.

8ee. Would you rather receive 300 shillings today or 543 shillings in 1 month?

8ee. Je, ungependelea upokee shillingi 300 leo au shillingi 543 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK |

Skip to Section 14.4.

8ff. Would you rather receive 10 shillings today or 644 shillings in 1 month?

8ff. Je, ungependelea upokee shillingi 10 leo au shillingi 644 baada ya mwezi mmoja?

1 = Now | 2 = In 1 month | 999 = DK |

If "now", continue to 8gg. If "in 1 month", continue to Section 14.4.

8gg. What is the reason you selected 10 KSh today instead of 644 KSh in 1 month? |

8gg. Je! Ni kwa nini ulichagua KSh 10 leo badala ya 644 KSh baada ya mwezi mmoja?

1 = I have an urgent need for money today

2 = I am not certain if I will be available in 1 month to receive the money

3 = I am uncertain that the money will actually be sent to me in 1 month

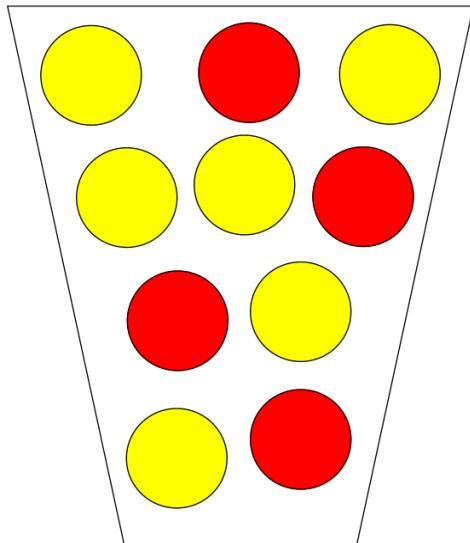
777 = Other reason (Please Specify): _____

SECTION 14.4: Ambiguity

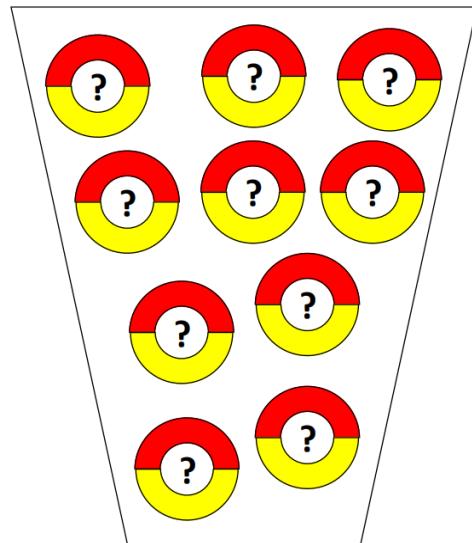
READ: Imagine you are going to play a game where you draw a ball out of a bag without looking. We have two bags, with 10 balls each.

READ: Fikiria kuwa unaenda kucheza mchezo ambao unaokota mpira kutoka kwa mifuko bila kuangalia ndani ya mifuko. Tuna mifuko miwili, kila moja ina mpira kumi.

Bag 1



Bag 2



Show visual aid to help clarify the choice.

READ: Look at this diagram:

In bag 1, out of 10 balls there are 4 red balls and 6 yellow balls.

In bag 2, there are also 10 balls, but the number of red and yellow balls is unknown.

You can choose a bag from which you want to draw the ball.

If you choose bag 1, to win 100 shillings you need to draw a red ball.

If you choose bag 2, to win 100 shillings you need to decide a color and draw a ball of that color.

9. Which bag would you like to choose from? 1 = Bag 1 | 2 = Bag 2 | ____ |

READ: Katika mfuko wa kwanza, kati ya mipira kumi, kuna nne (4) nyekundu na sita (6) za manjano.

Katika mfuko wa pili, pia kuna mipira kumi, lakini nambari ya mipira nyekundu na manjano hajulikani.

Unaweza kuchagua mfuko ambaa utaokota mpira.

Ukichagua mfuko wa kwanza 1, ili kushinda shillingi 50 unahitajika kuokota mpira mwekundu.

Ukichagua mfuko wa pili 2 ili kushinda shillingi 50 unahitajika kuamua rangi kisha kuokota mpira wa rangi hiyo.

9. Ungependa kuokota mpira kutoka kwa mfuko upi?

READ: We will now move on to the next section of the survey.

READ: Sasa tutasonga mbele kwa sehemu ifuatayo ya mahojiano.

SECTION 15: Private Behavior Questionnaire

INSTRUCTIONS: WE HAVE ONLY FOUR OPTIONS I.E DOING THE SECTION ON A SELF-FILLED PAPER VERSION, FOR READING THE SURVEY TO THE FR FROM SURVEY CTO AND FILLING, FOR READING A PAPER SURVEY WHILE THE RESPONDENT FILLS ON THE TABLET OR HANDING THE TABLET OVER TO THE RESPONDENT.

READ: This section of the survey covers topics related to private behavior. These topics include your past and current sexual partners, birth control, Gender-Based violence as well as spiritual practices and beliefs. As we mentioned before, one purpose of this survey is to understand aspects of peoples' lives in Kenya. Some of these aspects are health and spiritual practices.

If you would prefer, I can also read the questions aloud. If you choose to read the questions silently yourself and answer them on the tablet, I am available to clarify anything you don't understand. Please answer accurately and do not worry about whether there is a correct answer. Your answers will have no effect on your personal life. As I mentioned, this information is confidential, only the researchers can access the data. Thank you for your cooperation.

READ: Sehemu hii ya maswali katika mahojiano haya yanahusisha mada zinazohusiana na tabia ya kibinafsi. Mada hizi zinajumuisha wapenzi wako wa kitambo na wapenzi wa sasa, upangaji uzazi, unyanyasaji wa kinjisia pamoja na maswali kuhusu mambo ya kiroho na kuamini. Kama vile tuliviotaja hapo awali, mojawapo ya sababu ya haya maswali nikuelewa jinsi watu wa Kenya wanavyo kuwa na kubadilika katika nyanja tofauti za maisha yao wanapokuwa watu wazima. Mojawapo ya hizi nyanja ni afya na mambo ya kiroho.

Kwa kukuhakikisha usiri kwa kujibu haya maswali ya kibinafsi, nitakuwachia usome na ujibu maswali haya ya kibinafsi kwenye karatasi ya maswali na zinapatikana kwa lugha ya kiingereza na Kiswahili. Utachagua majibu yaliyo sawa kwenye hii tablet. Ukipenda, ninaweza pia kukusomea maswali kwa sauti. Ukichagua kusoma maswali kimya, niko hapa kukufanulia chochote ambacho huelewi.

Tafadhalii jibu kwa usahihi na usiwe na hofu kama kuna jibu sahihi. Majibu yako hayatakuwa na madhara kwa maisha yako ya kibinafsi. Vile nilivyo sema, habari hii ni ya siri na ni watafiti pekee ndio watakaoweza kutumia data hii. Asante kwa ushirikiano wako mzuri.

0. Will you answer these questions? 1 = Yes | 2 = No | |

0. Utajibu maswali haya?

IF NO, PROMPT FR IF AGREEABLE TO DO THIS SECTION ON PAPER. IF THIS IS THE CASE, CHANGE THE RESPONSE TO YES AND CHOOSE THE PAPER OPTION FOR THIS SECTION IN THE NEXT SLIDE.

0. [DO NOT READ]: Is this survey done on paper or survey CTO? | |

1 = In-Person surveyCTO: FR read and filled the responses on surveyCTO by themselves
 2 = On paper
 3 = Enumerator read the questions aloud to the FR and filled in the responses on surveyCTO
 4 = Enumerator read on a script and the FR filled in the responses on surveyCTO

FO NOTE IF Q0 IS "ON PAPER" PULL OUT THE PAPER VERSION OF THE SECTION 15: PRIVATE BEHAVIOUR AND HAND IT TO THE FR TO FILL ACCORDINGLY. WHEN DONE, HAVE IT FOLDED AND DROPPED INTO A SEALED ENVELOPE WHICH WILL BE HANDED TO THE FIELD MANAGER BEFORE THE END OF THE DAY.

0a. **DO NOT ASK THE FOLLOWING QUESTION, SIMPLY RECORD YOUR IMPRESSIONS.** Why does FR refuse to fill out the questionnaire? _____

[DO NOT READ]: Please hand the tablet to the respondent, and show them how to swipe to the next page.

EXAMPLE 1: This is an example question. Please demonstrate how to respond and swipe to the next question.

1 = Ndiyo
 2 = Hapana

EXAMPLE 2: This is an example question. How old are you? _____

We are now ready to begin the section. Please ensure the respondent's privacy.

1. Have you ever had sexual intercourse? 1 = Yes 2 = No 666 = Refuse to answer 1. Umewahi kufanya mapenzi / ngono?	_____
--	-------

IF YOU ANSWERED YES TO QUESTION 1, CONTINUE TO QUESTION 2. IF YOU ANSWERED NO TO QUESTION 1, SKIP TO THE STATEMENT BEFORE THE QUESTION 19.

2. How old were you in years the first time you had sexual intercourse? 2. Ulikuwa na miaka mingapi ulipofanya ngono mara ya kwanza?	_____
3. In total, how many different people have you had sexual intercourse with in the last 12 months? If you don't know the exact number, please just estimate. 3. Kwa jumla ni watu wangapi umefanya ngono nao katika miezi 12 iliyopita? Kama hujui nambari kamili, tafadhali kadiria.	_____
4. In the past 12 months, have you given money or gifts in return for sexual intercourse? 1 = Yes 2 = No 4. Katika miezi 12 iliyopita, umepeana pesa au zawadi kwa sababu ya ngono?	_____
5. In the past 12 months, have you received money or gifts in return for sexual intercourse? 1 = Yes 2 = No 5. Katika miezi 12 iliyopita, umepokea pesa au zawadi kwa sababu ya ngono?	_____

The following questions may be difficult or upsetting to answer and you do not have to answer them if you don't want to. Please remember that this survey is confidential and that the information will be used for research purposes only.

Maswali yafuatayo yanaweza kuwa magumu ama ya kuudhi kujibu, na siyo lazima kujibu kama hutaki. Tafadhal kumbuka yakuwa mahojiano haya ni ya siri na kuwa habari hii itatumiwa kwa ajili ya utafiti pekee.

6. Have you ever been tested for HIV? 1 = Yes 2 = No 999 = DK 6. Umewahi kupimwa virusi vya ukimwi (HIV)?	____
7. In the last 12 months, have you ever used male condoms or any of your partners ever used male condoms with you? 1 = Yes 2 = No 999 = DK 7. Katika miezi 12 iliyopita, umewahi kutumia kondomu ya wanaume au mpenzi wako yejote amewahi kutumia kondomu ya wanaume na wewe?	____
8. In the last 12 months, have you or any of your partners ever used pills to prevent pregnancy during the time of your sexual relationship? 1 = Yes 2 = No 999 = DK 8. Katika miezi 12 iliyopita, wewe au wapenzi wako wowote wamewahi kutumia tembe kuzuia kupata mimba wakati wa uhusiano wenu wa ngono?	____
9. In the last 12 months, have you or any of your partners ever used Injectable (e.g Depo Provera) or an IUD or Coil to prevent pregnancy during the time of your sexual relationship? 1 = Yes 2 = No 999 = DK 9. Katika miezi 12 iliyopita, wewe au wapenzi wako wowote wamewahi kutumia sindano(kwa mfano Depo Provera) au IUD au Coil kuzuiakupata mimba wakati wa uhusiano wenu wa ngono?	____
10. In the last 12 months, have you or any of your partners ever used the safe days method to prevent pregnancy during the time of your sexual relationship? 10. Katika miezi 12 iliyopita, wewe au wapenzi wako wowote mmewahi kutumia njia ya siku salama(safe days) kuzuia kupata mimba wakati wa uhusiano wenu wa ngono? 1 = Yes 2 = No 999 = DK 666 = Refuse to answer	____

The following questions may be difficult or upsetting to answer and you do not have to answer them if you don't want to. Please remember that this survey is confidential and that the information will be used for research purposes only.

Maswali yafuatayo yanaweza kuwa magumu ama ya kuudhi kujibu, na siyo lazima kujibu kama hutaki. Tafadhal kumbuka yakuwa mahojiano haya ni ya siri na kuwa habari hii itatumiwa kwa ajili ya utafiti pekee.

11. In the last 12 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? 11. Katika miezi 12 iliyopita, wapenzi wako wowote wamewahi kukutusi, au kukufanya uhisi vibaya kujihusu, au walisema au kufanya kitu kukuabisha mbele ya wengine? 1 = Yes 2 = No 666 = Refuse to answer	____
12. In the last 12 months, have any of your partners ever threatened to harm you or someone else close to you? 12. Katika miezi 12 iliyopita, wapenzi wako wowote wamewahi kutishia kukudhuru au kutishia kudhuru mtu mwingine aliye karibu na wewe?	____

1 = Yes 2 = No 666 = Refuse to answer	
13. In the last 12 months, have any of your partners ever kept you from getting a job, going to work, trading, or earning money? 1 = Yes 2 = No 666 = Refuse to answer 13. Katika miezi 12 iliyopita, wapenzi wako wowote wamewahi kukuzuia kupata kazi, kwenda kazini, kufanya biashara, au kupata pesa?	____
14. In the last 12 months, have any of your partners ever taken your earnings against your will? 1 = Yes 2 = No 666 = Refuse to answer 14. Katika miezi 12 iliyopita, wapenzi wako wowote wamewahi kuchukua mapato yako kinyume na mapenzi yako.	____
15. In the last 12 months, have any of your partners ever not allowed you to leave the house, or prevented you from seeing relatives or friends? 15. Katika miezi 12 iliyopita, wapenzi wako wowote wamewahi kutokuruhusu kutoka kwa nyumba, au kukuzuia kuona watu wa ukoo au marafiki? 1 = Yes 2 = No 666 = Refuse to answer	____
16. In the last 12 months, have any of your partners ever hit, slapped, kicked, or physically hurt you or someone close to you? 1 = Yes 2 = No 666 = Refuse to answer 16. Katika miezi 12 iliyopita, wapenzi wako wowote wamewahi kukupiga, kukupiga kofi, kukupiga teke, au kukuumiza kimwili au mtu aliye karibu nawe?	____
17. In the last 12 months, has anyone ever sexually assaulted you (i.e. forced you to engage in sexual activity when you did not want to)? 17. Katika miezi 12 iliyopita, mtu ye yeyote amewahi kukunyanya kingono (i.e. alikulazimisha kufanya ngono naye kama hutaki)? 1 = Yes 2 = No 666 = Refuse to answer	____
18. During the last 14 days did you, or any adult member of your household ever beat any of the children living in this household? 18. Katika siku 14 zilizopita, wewe au mtu mwingine mzima wa nyumba yako amewahi kupiga mtoto yeyote anayeishi kwa nyumba hii? 1 = Never 2 = Sometimes 3 = Often 666 = Refuse 888 = No Kids in the HH	____

The following questions are about spiritual practice and beliefs you may practice. You do not have to answer them if you don't want to. Please remember that this survey is confidential and that the information will be used for research purposes only.

Maswali yafuatayo ni kuhusu mazoezi ya kiroho na kuamini unaweza kuwa unajishugulisha nazo. Si lazima hujibu swali ikiwa hutaki. Tafadhal kumbuka kwamba mahojiano haya ni ya siri na kwamba habari itatumika kwa madhumuni ya utafiti pekee.

19. During the last 12 months, how many visits did you make to a witch doctor/traditional healers? 19. Katika miezi 12 iliyopita, ulimtembelea mganga au mponyaji wa kienyeji mara ngapi?	____
20. During the last 12 months, has anyone paid you for providing witch doctor/traditional healing services? 1 = Yes 2 = No	____

20. Katika miezi 12 iliyopita, mtu yeote amekulipa kwa kumpa huduma za uganga/uponyaji wa kienyeji?

You have reached the end of this section. Please pass the tablet back to the enumerator.
Umefika mwisho wa sehemu hii. Tafadhalu rudisha tablet kwa anayekuhoji.

FO: Please enter your ID number to ensure the tablet has been returned to you at the end of the private behavior section.

Section 16: Anthropometric and Biomarker Measurement

FO: Please administer the appropriate anthropometric and biomarker instruments prior to returning to conclude this survey.

0. [DO NOT READ] Is the respondent currently wearing glasses/specs (not sunglasses)?
|_____| 1= Yes | 2 = No

READ: Now, with your permission, I would like to measure your height, weight and waist circumference.

READ: Sasa kwa ruhusa yako, ningependa kuchukua kipimo chako cha urefu, upana wa kiuno na kipimo cha uzito.

1. HEIGHT

READ: First, I would like to measure your height. To complete this measurement, I will be asking you to take off your shoes and stand up against a wall. Please stand straight and sturdy, feet together, knees straight, look straight ahead, chin tucked to chest slightly, and do not look up.

READ: Kwanza, ningependa kukupima urefu wako. Ili kukamilisha kipimo hiki, nitakuuliza utoe viatu vyako na usimame na uegemee kwa ukuta. Tafadhalu simama wima bila kuyumba, miguu ikiwa pamoja, magoti iwe imara, angalia mbele, kidevu kiguze kifua kidogo na usiangularie juu.

1. ***Do not ask the following question. Simply record your impressions.*** Does the respondent refuse to allow his/her height to be taken? 1 = Yes | 2 = No |____|

If YES, skip to weight. If NO, continue.

Ask FR to remove his/her shoes and stand (against a flat surface such as a wall). Try to find a location where the ground is as even as possible. Ask the FR to keep their feet flat on the floor with knees straight, stand straight with their back flat against the wall, look straight ahead,

chin tucked to chest slightly, and do not look up. Place the ruler from the flat side of the head to the tape. Measure the distance from the floor to the spot on the wall using the HARD tape measure. Write down the FR's height in cm below and record the identification number of the tape measure.

DO NOT tell the FR his/her height unless they ask you for it. If the FR asks for their height, write it down on a blank piece of paper. Inform the FR that the measurements will be shared with them at the end of the survey.

1a. HEIGHT MEASUREMENT: (e.g., 156.3 cm) |_____| . |_____| cm

Note: Try to read to one digit after the decimal point.

1b. IDENTIFICATION NUMBER OF MEASURING TAPE: |____|

1c. Do not ask the following questions:

1ci. Did the FR take his/her shoes off before taking the measurement?

1 = Yes | 2 = No |____|

1cii. Did the FR ask for his/her height measurement? 1 = Yes | 2 = No |____|

1ciii. (Add comment section): _____

2. WEIGHT

Place the scale on a solid and even area of ground.

READ: Next, I would like to measure your weight. To complete this measurement, I will be asking you to remove bulky clothing, remove any heavy objects from your pockets (including your phone), remove any items from your hands, and take off your shoes during weight measurements. Stand up on the scale and look straight ahead, like this.

READ: Kisha, ningependa kukupima uzito wako. Ili kukamilisha kipimo hiki, nitakuomba utoe nguo nzito, toa vitu vizito kwa mifuko yako, na utoe viatu vyako wakati wa kupimwa uzito. Simama kwa mizani na uangalie mbele, namna hii.

2. Do not ask the following question. Simply record your impressions. Does the respondent refuse to allow his/her weight to be taken? 1 = Yes | 2 = No |____|

If YES, skip to waist circumference. If NO, continue.

Ask the FR (with shoes still removed) to remove any bulky clothing and heavy objects from their pockets (including your phone), and stand on the scale. Measure the FR's WEIGHT in kg and record it below, along with the identification number of the scale.

DO NOT tell the FR his/her weight unless they ask you for it. IF the FR asks for their weight, write it down on the blank piece of paper. Inform the FR that the measurement will be shared with them at the end of the survey.

2a. WEIGHT MEASUREMENT: (e.g., 71.9 kg) |_____| . |__| kg

2b. IDENTIFICATION NUMBER OF SCALE: |__|

2c. Do not ask the following questions:

2ci. Did the FR take his/her shoes off before taking the measurement?

1 = Yes | 2 = No |__|

2cii. Did the FR wear any bulky clothing or have heavy objects in his/her pockets during the measurement? 1 = Yes | 2 = No |__|

2ciii. Did the FR ask for his/her weight measurement? 1 = Yes | 2 = No |__|

2civ. (Add comment section): _____

3. WAIST CIRCUMFERENCE

READ: Next I am going to ask you to perform a simple measurement of your waist circumference. For this measurement it is important for you to be standing. I will ask you to identify where on your body your navel (belly button) is located. I will then ask you to place this soft measuring tape around your waist, over your clothing, holding it securely at the level of your navel. Once the tape measure is placed appropriately around your waist then we are ready to begin. I will ask you to take a normal breath and exhale, holding your breath at the end of the exhale. I will then record the measurement.

READ: Kisha, nitakuomba kupima upana wa kiuno chako. Kwa kipimo hiki ni muhimu wewe kusimama. Nitakuomba unionyeshe ni wapi kwa mwili wako kitovu chako kiko. Nitakuombe uiweke futi (tape measure) juu ya nguo ikizunguka kiuno, ukishikilia vizuri hapo kwa kiwango cha kitovu. Baada ya futi kushikiliwa vizuri kwenye kiuno chako, tuko tayari kuanza. Nitakuomba kuvuta pumzi ndani na kutoa nje, ukishikilia pumzi baada ya kupumua nje. Kisha nitarekodi kipimo.

3. Do not ask the following question. Simply record your impressions. Does the respondent refuse to allow his/her waist circumference to be taken? 1 = Yes | 2 = No |__|

If YES, skip to grip strength. If NO, continue.

Make sure that the FR does not have any bulky clothing on, or any heavy objects in his/her pockets. If he/she does, please request him/her to remove it for the test. Ask the FR, with shoes still removed, to stand up, point to their navel and to place the SOFT tape measure around their waist, at the level of their navel. Check that the tape measure is horizontal around the waist, and snug but not tight. Ask the FR to inhale, slowly exhale, and then hold their breath at the end of the exhale. Measure the FR's WAIST CIRCUMFERENCE while the FR is holding the exhale. Write down the FR's waist circumference in cm below and record the identification number of the tape measure.

DO NOT tell the FR his/her waist circumference unless they ask you for it. IF the FR asks for their waist circumference, write it down on the blank piece of paper. Inform the FR that the measurement will be shared with them at the end of the survey.

3a. WAIST MEASUREMENT: (e.g., 94.3 cm) |_____| . |_____| cm

Note: Measure in cm, starting from 0. Try to read to one digit after the decimal point.

3b. IDENTIFICATION NUMBER OF TAPE MEASURE: |____|

3c. Do not ask the following questions:

3ci. Did the FR wear bulky clothing during the measurement? 1 = Yes | 2 = No |____|

3cii. Was the tape measure centered at the navel and horizontally around the waist?

1 = Yes | 2 = No |____|

3ciii. Did the FR ask for his/her waist measurement? 1 = Yes | 2 = No |____|

3civ. (Add comment section) _____

5. GRIP STRENGTH

READ: Now I would like to assess the strength of your hand in a gripping action. I will ask you to be in a standing position with your arm at your side at a 90-degree angle. Squeeze this handle as hard as you can, just for a couple of seconds, and then let go. I will take alternately two measurements from your dominant and your non-dominant hand. We will begin the test with your dominant hand.

READ: Sasa ningependa kupima nguvu ya mkono wako katika kitendo cha kukamata.

Nitakuomba usimama na mikono zikiwa upande wao katika angle ya 90 degrees. Finya huu mpini kwa nguvu uwezavyo kwa sekunde chache alafu uwachilie. Nitachukua ikifuatana, vipimo viwili kutoka kwa mkono unaoutumia sana na ule usio utumia sana. Tutaanza jaribio kwa mkono unaoutumia sana..



Explain how to use the dynamometer and demonstrate yourself.

5. **Do not ask the following question. Simply record your impressions.** Does the respondent refuse to allow his/her hand strength to be measured? 1 = Yes | 2 = No | |
If YES, skip to the end. If NO, continue.

READ: Before we begin, I would like to ask you which hand is your dominant hand. Your dominant hand is the one that you use for most of your daily tasks, including skilled tasks that require skill, such as writing, holding a glass, etc.

READ: Kabla tuenze, ningependa kuuliza ni mkono gani unaotumia sana. Kumaanisha, ile mkono ambayo huwa unatumia kufanya kazi mingi kila siku, ukijumuisha kazi zinazoitaji ujuzi kama vile kuandika na kushika glasi, nakadhalika.

5a. Which hand is your dominant hand? 1 = Right | 2 = Left | 3 = Both | |

Ni mkono gani ambao unaotumia sana?

Note: If Q5a=3, start with the right hand.

5b. Have you had surgery, experienced swelling, inflammation, severe pain, or injury in either of your hands within the last 6 months? 1 = Yes | 2 = No | |

5b. Umewahi kufanyiwa upasuaji, kuwa na uvimbe, kufura, uchungu mwingi/zaidi au kujeruhwa katika mkono wako wowote kataka miezi 6 iliyopita?

If YES, go to question 5bi. If NO, skip to the measurement.

5bi. In which hand did you experience any of the above conditions?

Ni kwa mkono upi ulikumbana na matatizo hayo?

1 = Right | 2 = Left | 3 = Both | |

NOTE:

- **If Q5b = Yes, then skip the hand which was selected in Q5bi. In this case, let the respondent take 30 seconds between each measurement.**
- **If Q5bi = Both, skip to the end.**

Now, ask the FR to try, first with his/her dominant hand, and then with the non-dominant hand. Have the FR stand facing you, with his/her arms close to the body. Both feet should be flat on the floor. Ask the FR to bend his/her elbow at about 90 degrees, so that the fist is facing the side (as if he/she was going to shake your hand). The arm and hand should not be resting on anything (e.g. a table).

NOTE: If the FR is unable to stand, the measurement can be taken while they are seated, but make sure the FR is not using an armrest or leaning back at the chair.

The FR should hold the dynamometer so that it faces you (so you can read the measurement). Have the FR perform the test once with each hand, starting with the dominant hand, holding each time for 3 full seconds. Record the practice measurements for each hand below.

5ci. MEASUREMENT #1, DOMINANT HAND: | | KG

5ci. MEASUREMENT #1, NON-DOMINANT HAND: | | KG

READ: Now we will take the actual measurements.

READ: Sasa tutachukua kipimo sahihi.

Have the FR perform the test 2 times with each hand, holding each time for 3 full seconds. Ask the FR to start with the dominant hand, and alternate between both, each time for 3 full seconds as you count. Record the measurements for each hand and each round below.

5di. MEASUREMENT #2, DOMINANT HAND: |____| KG

5dii. MEASUREMENT #2, NON-DOMINANT HAND: |____| KG

5ei. MEASUREMENT #3, DOMINANT HAND: |____| KG

5eii. MEASUREMENT #3, NON-DOMINANT HAND: |____| KG

5f. IDENTIFICATION NUMBER OF DYNAMOMETER: |____|

5g. Do not ask the following questions:

5gi. Did the FR take the measurements in a standing position? 1 = Yes | 2 = No |____|

5gii. Did the FR ask for his/her grip strength measurement? 1 = Yes | 2 = No |____|

If YES, continue to 5giii. If NO, skip to 5giv.

5giii. Did the FR ask for an interpretation of his/her hand grip strength measurement?

1 = Yes | 2 = No |____|

If YES, show FR the Typical Grip Strength for Healthy Individuals chart.

Typical Grip Strength for Healthy Individuals

Age	Male (kg)			Female (kg)		
	Weak	Normal	Strong	Weak	Normal	Strong
10-11	<12.6	12.6-22.4	>22.4	<11.8	11.8-21.6	>21.6
12-13	<19.4	19.4-31.2	>31.2	<14.6	14.6-24.4	>24.4
14-15	<28.5	28.5-44.3	>44.3	<15.5	15.5-27.3	>27.3
16-17	<32.6	32.6-52.4	>52.4	<17.2	17.2-29.0	>29.0
18-19	<35.7	35.7-55.5	>55.5	<19.2	19.2-31.0	>31.0

20-24	<36.8	36.8-56.6	>56.6	<21.5	21.5-35.3	>35.3
25-29	<37.7	37.7-57.5	>57.5	<25.6	25.6-41.4	>41.4
30-34	<36.0	36.0-55.8	>55.8	<21.5	21.5-35.3	>35.3
35-39	<35.8	35.8-55.6	>55.6	<20.3	20.3-34.1	>34.1
40-44	<35.5	35.5-55.3	>55.3	<18.9	18.9-32.7	>32.7
45-49	<34.7	34.7-54.5	>54.5	<18.6	18.6-32.4	>32.4
50-54	<32.9	32.9-50.7	>50.7	<18.1	18.1-31.9	>31.9
55-59	<30.7	30.7-48.5	>48.5	<17.7	17.7-31.5	>31.5
60-64	<30.2	30.2-48.0	>48.0	<17.2	17.2-31.0	>31.0
64-69	<28.2	28.2-44.0	>44.0	<15.4	15.4-27.2	>27.2
70-99	<21.3	21.3-35.1	>35.1	<14.7	14.7-24.5	>24.5

5giv. (Add Comment): _____

6. END

READ: Thank you for your time.

BEFORE MOVING TO DBS, GIVE THE FR A KLPS PHONE NUMBER CARD, AND ASK THEM TO FLASH THE NUMBER LISTED ON THE CARD IF THEIR CONTACT INFORMATION CHANGES.

IF THE FR ASKED FOR THEIR MEASUREMENTS, PLEASE HAND THEM THE PIECE OF PAPER ON WHICH YOU RECORDED THEM. IF AN FR ASKS FOR FURTHER DETAILS OR INTERPRETATION OF THEIR MEASUREMENTS, PLEASE INFORM THEM THAT THEY WILL BE CONTACTED BY A MEDICAL PROFESSIONAL FROM OUR TEAM FOR FURTHER INFORMATION.

6. Do not ask the following question: Did the FR ask for additional clarification or interpretation of their measurements? 1 = Yes | 2 = No | ____ |

Section 17: Dried Blood Sample (DBS)

CONSENT TO PARTICIPATE IN RESEARCH

Introduction:

You are invited to participate in a research study conducted by IPA, in (Busia Town / Nairobi), in collaboration with researchers at the University of California, Berkeley. This study aims to measure the risk factors associated with Alzheimer's Disease and Related Dementia (ADRD) at midlife in individuals in Kenya, and to understand how these risk factors change over time.

Unaalikwa kushiriki katika utafiti unaofanywa na IPA, (Busia Town/Nairobi), wakishirikiana na watafiti kutoka chuo kikuu cha California, Berkley. Utafiti huu unalenga kupima athari zinazohusiana na ugonjwa wa Alzheimer na magojwa yanayohusiana na kumbukumbu katika watu wa umri wa kati nchini Kenya na kuelewa jinsi athari hizi zinavyobadilika baada ya muda.

Purpose:

The study aims to collect dried blood spots (DBS) and examine genetic code to understand why some people develop cognitive impairment and others do not. This genetic code, called DNA, will be used to analyze biomarkers for ADRD and ADRD risk factors.

Utafiti unalenga kukusanya matone ya damu yaliokauka (DBS) na kuchunguza kodi za maumbile ili kuelewa mbona watu wengine wanakuwa wakiwa na matatizo ya kumbukumbu na wengine hawana. Kodi hii ya maumbile inayoitwa DNA, itatumika kuchambua matone ya damu kwa ajili ya athari zinazohusishwa na magonjwa ya kumbukumbu (ADRD)

Procedures:

You will be asked to provide a blood sample by using a lancet device to draw a small amount of blood from your finger to fill 5 spots on a DBS filter card. The DBS card contains a barcode that does not include your name or other identifiable information. The collection will take approximately 10 minutes.

Utaombwa utoe sampuli ya damu kwa kutumia kifaa cha lancet kutoa damu kidogo kutoka kwenye kidole, ilikuaza matone 5 kwenye kadi ya DBS. Kadi ya DBS ina nambari ya siri ambayo haijumuishi jina lako au maelezo mengine yanayokukutambulisha. Utoaji wa damu utachukua takriban dakika 10.

Benefits:

There will be no direct benefit to you, but the study aims to contribute to the understanding of ADRD risk factors in Kenya, which may benefit future diagnosis and treatment of individuals with ADRD.

Hakutakuwa na faida ya moja kwa moja kwako, lakini utafiti unalenga kuchangia kuelewa athari za ADRD nchini Kenya, ambayo inaweza kufaidi utambulizi na matibabu ya watu walio na ADRD siku zijazo.

Risks/Discomforts:

Possible risks include temporary discomfort during or after the blood sample collection, a small chance of feeling dizzy or infection at the finger prick site, and potential risks associated with

genetic research findings. Measures will be taken to minimize these risks.
Athari zinazoweza kutokea zinajumuisha usumbuwa wa muda mfupi wakati au baada ya ukusanyaji wa damu, uwezekano mdogo wa kuhisi kizunguzungu au kuambukizwa katika sehemu ya kidole iliyodungwa na uwezekano wa athari zinohusiana na matokeo ya utafiti wa kimaumbile. Hatua zitachukuliwa kupunguza athari hizi.

Confidentiality:

Your information will be kept confidential, and only authorized investigators will have access to your blood sample. Your individual genomic data and health information will be stored securely. Habari yako itawekwa kwa siri, na watafiti walioidhinishwa pekee ndio watakao weza kufikia sampuli yako ya damu. Data yako ya kimaumbile na habari ya afya itahifadhiwa salama.

Compensation/Payment:

You will receive a token of Ksh. 200 as compensation for your time.
Utapokea Kshs.200 kama ishara ndogo ya shukrani kwa muda wako.

Rights:

Participation is voluntary, and you can withdraw at any time without penalty. Your information will be kept confidential, and you have rights related to your Study Data under the Kenya Data Protection Act.

Kushiriki ni kwa hiari na unaweza kujiondoa wakati wowote bila kuadhibiwa. Habari yako itawekwa kwa siri na una haki zinazohusiana na data yako ya utafiti chini ya sheria ya ulinzi wa data ya Kenya.

Questions:

(Hand over the full Consent): Here is the full consent form, please take your time to read over it. If you have any questions or concerns, you can contact Project Manager Eric Ochieng' at the IPA office in Busia Town or the office of Scientific and Ethics Review at Kemri Medical Research Institute.

(Hand over the full Consent): Hii hapa ni fomu ya idhini, tafadhalii chukua muda wako kuisoma. Ikiwa una maswali au wasiwaswi wowote unaweza kuwasiliana na meneja wa mradi Eric Ochieng katika ofisi ya IPA Busia au ofisi ya sayansi na maadili ya Kenya Medical Research Institute. (KEMRI)

ENUMERATOR NOTE: TO THE FR THAT GETTING A DBS PRICK IS LIKE GETTING A MALARIA TEST.

0. May we have your permission to ask you some questions? 1 = Yes | 2 = No |____|
0. Tunaweza pata ruhusa yako kukuuliza maswali kadhaa?
- 0a. If Q0 is NO ask: DESCRIBE YOUR IMPRESSIONS OF THE REFUSAL / INABILITY TO PARTICIPATE. DO NOT ASK. |____|

1 = Concerns about discomfort or pain during blood collection.
 2 = Fear of needles or blood.
 3 = Lack of understanding about the purpose or benefits of the DBS test.
 4 = Privacy concerns related to sharing personal health information.
 5 = Previous negative experiences with medical tests or procedures.
 6 = Cultural or religious beliefs that discourage blood testing.
 7 = Mistrust of researchers or healthcare providers.
 777 = Other Specify: Other: _____

Consent:

Please sign here on the tablet and also on the paper copy if you wish to participate in the study.

Tafadhalii weka sahihi kwa tablet na pia kwenye fomu hii ikiwa unakubali kushiriki kwa utafiti.

Participant's Name (please print): _____ Date: _____

Participant's Signature: _____ Date: _____

Person Obtaining Consent: _____ Date: _____

FO NOTE: Please enter card number (Barcode #): _____

FO NOTE: Scan the code on the card.

FO NOTE: Please enter card number (Barcode #): _____

(Now perform the DBS collection)

Do not read the following questions:

1. How comfortable was the respondent with taking DBS? |____|

1 = Not comfortable at all

2 = Somewhat uncomfortable

3 = Neither comfortable nor uncomfortable

4 = Somewhat comfortable

5 = Completely comfortable

2. How many finger pricks were required for the DBS? 1 = 1 | 2 = 2 |____|

FO NOTE: Only request the 2nd prick if the respondent is completely comfortable. Avoid pressuring them if they are not comfortable.

3. Which hand and finger did you prick? **[Select all that apply]** |____|

1 = Right hand, middle finger

2 = Right hand, ring finger

3 = Left hand, middle finger

4 = Left hand, ring finger

4. Did the respondent have any adverse reactions? 1 = Yes | 2 = No |____|

4a. **If QSN4 is 2 (YES):** What type of adverse reaction? |____|

1 = Fainting

2 = Blood not clotting

777 = Other Specify: Other: _____

5. Were there any issues with collecting the DBS? **[Select all that apply]** | ____ |

1 = No issues

2 = Not enough blood flow

3 = Inadequate supplies / Equipment did not work: Other: _____

4 = Card dropped from the drying rack: Other: _____

777 = Other Specify: Other: _____

SECTION 18: Gift Section

1. Thank you for your time. As a small token of our appreciation we would like to offer you 500 KES following the completion of this survey within 48 hours. Please give us a registered Mpesa number you would like us to send you the token.

1. Asante sana kwa muda wako. Kama ishara ndogo ya shukrani zetu tungependa kukupa shilingi 500 chini ya masaa arubaini na nane. Tafadhali nipe nambari ya simu iliyosajiliwa ungependa tukutumie.

Andika nambari ya simu: Number: | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ |

Confirm Number: Number: | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ | ____ |

2. Is this a Safaricom, Airtel or Telkom line? 1 = Yes | 2 = No | ____ |

2a. Whose phone number is this? **Enter full names of the owner of the number**

2a. **Nambari ya simu hii ni ya nani?**

DO NOT READ: What was the main language used during survey administration.

SECTION 18.1: Solar Lantern Distribution Acknowledgement

READ: As a token of appreciation, as mentioned earlier, here is a solar lantern to thank you for being part of KLPS. This solar lantern is our way of expressing gratitude for your contribution to this important research study. Please sign here to acknowledge receipt of this.

READ: Kama ishara ya shukrani, kama tulivytaja awali, hapa kuna taa ya jua (Solar Lantern) kukushukuru kwa kuwa kwenye hii mradi ya KLPS. Taa hii ya jua (Solar Lantern) ni njia yetu ya kutoa shukrani kwa mchango wako katika utafiti huu muhimu. Tafadhali saini hapa ili kukiri kupokea hii kama utaratibu.

Participant's Signature: _____ Date: _____

[FO NOTE]: Before you issue the solar lantern to the FR please scan the barcode #:

Scan Barcode: _____

SECTION 19: Conclusion

READ: Thank you for your time. Please give me just a moment as I wrap up the survey.

READ: Asante kwa wakati wako. Tafadhalii nipe muda kidogo ninapomalizia utafiti.

Please make a note if you believe that the information given to you is suspicious:

Do not read the questions in this box aloud. Simply record your own impressions.

0a. Did the respondent terminate the survey early? 1 = Yes | 2 = No | ____ |

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

0b. Why did the respondent terminate the survey early? | ____ |

1 = Temporary stop only – Wishes to continue survey at a later time.

See “Temporary Stop Instructions” below.

2 = Tired

3 = Too busy, does not have time

4 = Offended at question

5 = Suspicious of FO / survey intent / IPA

6 = Does not feel like continuing survey

777 = 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) | ____ | : | ____ |
(hour) (min)

2. How was the respondent's skill in speaking and understanding Kiswahili? | ____ |

1 = Displayed no problems speaking or understanding Kiswahili

2 = Displayed a little difficulty speaking or understanding Kiswahili

3 = Displayed moderate difficulty speaking or understanding Kiswahili

4 = Displayed serious problems speaking or understanding Kiswahili

3. Who among the following answered questions in this module? ***Indicate all that apply.*** | ____ |

A. Focus respondent

B. Focus respondent's parents

C. Focus respondent's sibling(s)

- D. Focus respondent's spouse(s)
- E. Focus respondent's other relatives
- F. Focus respondent's other household members who are not relatives

4. Did the respondent become tired or impatient during the survey? |____|

1 = Not at all | 2 = Somewhat tired/impatient | 3 = Very tired/impatient

5. How reliable do you think the information in this survey is? |____|

1 = Very reliable | 2 = Somewhat reliable | 3 = Not at all

5a. If *SOMEWHAT* or *NOT RELIABLE*: Why? _____

6a. Is this interview being performed at the respondent's current residence, place of work, or school? 1 = Yes | 2 = No |____|

7. Were any household members smoking while the survey was taking place?

1 = Yes | 2 = No |____|

8. Were any household members cooking while the survey was taking place?

1 = Yes | 2 = No |____|

FO NOTES: _____

END

KLPS-5 I+ Module Data Management Plan

Date: September 2, 2025

On April 13, 2024, we launched the Kenya Life Panel Survey Round 5 (KLPS-5) I+ Module data collection. This fifth round of data collection builds on earlier rounds, with a particular focus on capturing midlife health, living standards and economic activities, and extending the analysis of intergenerational effects first captured in KLPS-4. KLPS-5 thus involves multiple visits with KLPS respondents and a representative sample of their children, of which the KLPS-5 I+ Module survey is one visit to KLPS respondents.

As part of KLPS-5, we are conducting data collection for each survey module in two representative waves. Wave 1 of the I+ Module was completed on January 25, 2025, with data gathered on 3,010 respondents. Wave 2 was launched on February 1, 2025. As of August 18, 2025, we have completed 2,598 I+ Module Surveys.

We plan to file the pre-analysis plan for KLPS-5-I+ on the AEA RCT Registry in early September 2025. The pre-analysis plan has been prepared by Edward Miguel and Michael Walker, with input and support from Ziyue Chen, Eric Hsu, Wilson King, and Michelle Layvant, henceforth the "research team," and will be uploaded to the AEA RCT Registry concurrent with this Data Management Plan.

In general, survey data have been compiled, organized, and stored by the field management team based in Busia, Kenya, led by Brenda Ochieng and George Ganda at Innovations for Poverty Action Kenya, henceforth the "field and data team."

During the data collection of Wave 1 and Wave 2, the field and data team has shared some data (without treatment status) with selected members of the research team for the following purposes:

1. Identifying and correcting any coding errors in the survey instrument,
2. Making improvements to the instruments based on initial results,
3. Addressing technical issues with the tablet-based assessment tools,
4. Conducting data quality checks to ensure consistency and completeness,
5. Refining protocols for Wave 2 data collection.

Throughout Wave 1 and Wave 2 data collection, the field and data team has prepared and provided the research team only with summary statistics on data collection quality, respondent tracking rates, and assessment completion rates. These statistics have been used to maintain high data quality and reduce attrition. No treatment effects on any outcomes of interest have been estimated in advance of filing the pre-analysis plan. The only exception is on attrition rates, where we have monitored rates of differential attrition across treatment arms throughout data collection.

Prior to registration of this pre-analysis plan, no research team member has had access to outcome data merged with treatment assignment. We are registering this data management plan to document that all data analysis to date has focused exclusively on quality checks and cleaning, with no estimation of treatment effects. Treatment status has not yet been linked with the raw data.

(Note that in addition to these aforementioned “research team” members are a number of co-investigators involved in funding applications and survey design for the proposed activities. As discussed in the pre-analysis plan, we anticipate that these individuals will also be involved in the analysis and write-up of study findings. None of these individuals have had access to KLPS-5 I+ Module data to date.)

Access to the KLPS-5-I+ data merged with treatment status will be granted to research team members (and additional co-investigators) only after this plan has been filed on the AEA RCT Registry.



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

Edward Miguel <emiguel@berkeley.edu>
To: Michael Walker <mwwalker@berkeley.edu>

Tue, Sep 2, 2025 at 3:18 PM

Dear Michael,
I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.
Best,
Edward (Ted) Miguel

On Tue, Sep 2, 2025 at 1:31 PM Michael Walker <mwwalker@berkeley.edu> wrote:
[Quoted text hidden]

--

Edward Miguel
University of California, Berkeley
<http://emiguel.econ.berkeley.edu/>



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

Michelle Layvant <mlayvant@berkeley.edu>

Tue, Sep 2, 2025 at 3:53 PM

To: Eric Ochieng <eochieng@poverty-action.org>

Cc: Michael Walker <mwwalker@berkeley.edu>, Edward Miguel <emiguel@berkeley.edu>, Ziyue Chen <ziyuechen@berkeley.edu>, Wilson Miller King <wmking@berkeley.edu>, Eric VanLoo-Hsu <eric.hsu@berkeley.edu>, George Ganda <gganda@poverty-action.org>

Hi Michael,

I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.

Michelle

[Quoted text hidden]



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

Eric Hsu <eric.hsu@berkeley.edu>
To: Michael Walker <mwwalker@berkeley.edu>

Tue, Sep 2, 2025 at 1:39 PM

I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.

Eric

On Tue, Sep 2, 2025 at 1:31 PM Michael Walker <mwwalker@berkeley.edu> wrote:
[Quoted text hidden]



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

Eric Ochieng <eoichieng@poverty-action.org>

Tue, Sep 2, 2025 at 3:27 PM

To: Michael Walker <mwwalker@berkeley.edu>

Cc: Edward Miguel <emiguel@berkeley.edu>, Ziyue Chen <ziyuechen@berkeley.edu>, Wilson Miller King <wmking@berkeley.edu>, Eric VanLoo-Hsu <eric.hsu@berkeley.edu>, Michelle Layvant <mlayvant@berkeley.edu>, George Ganda <gganda@poverty-action.org>

Dear Michael,

I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.

Best,
Eric

--



Eric Ochieng

Research Manager & KLPS Researcher,

Innovations for Poverty Action

Mobile: +254742984643,

MORE EVIDENCE, LESS POVERTY

[Website](#) | [LinkedIn](#) | [Twitter](#) | [Facebook](#)

On Tue, Sep 2, 2025 at 1:31 PM Michael Walker <mwwalker@berkeley.edu> wrote:

[Quoted text hidden]



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

Wilson Miller King <wmking@berkeley.edu>
To: Michael Walker <mwwalker@berkeley.edu>

Tue, Sep 2, 2025 at 1:34 PM

Hi Michael,

I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.

Best,
Wilson

On Tue, Sep 2, 2025 at 1:31 PM Michael Walker <mwwalker@berkeley.edu> wrote:
[Quoted text hidden]



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

Michael Walker <mwwalker@berkeley.edu>
To: Michael Walker <mwwalker@berkeley.edu>

Tue, Sep 2, 2025 at 1:32 PM

I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.

- Michael Walker
[Quoted text hidden]

--
Michael Walker
mwwalker@berkeley.edu



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

George Ganda <gganda@poverty-action.org>

Tue, Sep 2, 2025 at 10:00 PM

To: Ziyue Chen <ziyuechen@berkeley.edu>

Cc: Michelle Layvant <mlayvant@berkeley.edu>, Eric Ochieng <eoichieng@poverty-action.org>, Michael Walker <mwwalker@berkeley.edu>, Edward Miguel <emiguel@berkeley.edu>, Wilson Miller King <wmking@berkeley.edu>, Eric VanLoo-Hsu <eric.hsu@berkeley.edu>

Dear Michael,

I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.

Best,

George

[Quoted text hidden]

--



George Ganda

Research Associate, Kenya

Innovations for Poverty Action

Mob. (Work): +254 110591340, [Chat on Teams](#)

[Quoted text hidden]



Michael Walker <mwwalker@berkeley.edu>

[Time sensitive] KLPS-5 I+ Module Data Management Plan

Ziyue Chen <ziyuechen@berkeley.edu>

Tue, Sep 2, 2025 at 6:38 PM

To: Michelle Layvant <mlayvant@berkeley.edu>

Cc: Eric Ochieng <eochieng@poverty-action.org>, Michael Walker <mwwalker@berkeley.edu>, Edward Miguel <emiguel@berkeley.edu>, Wilson Miller King <wmking@berkeley.edu>, Eric VanLoo-Hsu <eric.hsu@berkeley.edu>, George Ganda <gganda@poverty-action.org>

Hi Michael,

I confirm the information in the KLPS-5 I+ Module Data Management Plan (dated September 2, 2025) is correct, and agree to follow the specified plan.

Best,

Ziyue

[Quoted text hidden]