# Midline Report of the Resilience Food Security Activity Graduating to Resilience in Uganda, Cohort 2 



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IMPEL | Implementer-Led Evaluation \& Learning Associate Award

## ABOUT IMPEL

The Implementer-Led Evaluation \& Learning Associate Award (IMPEL) works to improve the design and implementation of Bureau for Humanitarian Assistance (BHA)-funded resilience food security activities (RFSAs) through implementer-led evaluations and knowledge sharing. Funded by the United States Agency for International Development (USAID) BHA, IMPEL will gather information and knowledge in order to measure performance of RFSAs, strengthen accountability, and improve guidance and policy. This information will help the food security community of practice and USAID to design projects and modify existing projects in ways that bolster performance, efficiency, and effectiveness. IMPEL is an eight-year activity (20192027) implemented by Save the Children (lead), TANGO International, Tulane University, Causal Design, Innovations for Poverty Action, and International Food Policy Research Institute.

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## CONTACT INFORMATION

IMPEL Associate Award
c/o Save the Children
899 North Capitol Street NE, Suite \#900
Washington, DC 20002
www.fsnnetwork.org/IMPEL
IMPEL@savechildren.org

## PREPARED BY:

## ACKNOWLEDGMENTS

The research team would like to recognize several individuals who were instrumental in creating and refining this document. This report was written by Julie Kedroske, Jan Will, and Antoine Guilhin from Innovations for Poverty Action, Matthew Summers and Lasse Brune from Northwestern University, and Catherine Thomas from the University of Michigan. The data collection was supervised by Natalia Polakova and Allan Claudio Katimbo Katurebe from Innovations for Poverty Action. Thank you to Tom Spangler, Mohamoud Ahmed, and Corena Sharp with IMPEL.

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## ACRONYMS

| AIR | American Institutes for Research |
| :--- | :--- |
| BHA | Bureau for Humanitarian Assistance |
| CBT | Community-Based Trainer |
| FCS | Food Consumption Score |
| FFBS | Farmer Field Business School |
| G-IPT | Interpersonal Psychotherapy in Groups |
| GAD | General Anxiety Disorder |
| IMPEL | Implementer-Led Evaluation \& Learning Associate Award |
| IPA | Innovations for Poverty Action |
| IPT | Interpersonal Therapy |
| ITT | Intention-to-Treat |
| K10 / K6 | Kessler Psychological Distress Scale 10 Questions / Six Questions |
| PHQ | Patient Health Questionnaire |
| RCT | Randomized Controlled Trial |
| RFSA | Resilience Food Security Activity |
| SD | Standard Deviation |
| TOPS | Technical and Operational Performance Support |
| USAID | United States Agency for International Development |
| VSLA | Village Savings and Loan Associations |
| WHO | World Health Organization |

## EXECUTIVE SUMMARY

The AVSI Foundation (AVSI) with a consortium including TrickleUp and the American Institutes for Research (AIR), funded by the United States Agency for International Development's Bureau of Humanitarian Affairs, is implementing the second cohort of the resilience food security activity (RFSA) Graduating to Resilience in the Kamwenge District of Uganda. The Cohort 2 Graduating to Resilience activity (2022-2024) includes approximately 3,400 households in the settlement and 3,600 in the host community.

Graduating to Resilience aims to improve food security, nutrition, self-reliance, and resilience among extremely poor refugee households and host households in the Rwamwanja refugee settlement and the surrounding host community of Kamwenge District. The Graduation Approach is a multifaceted model composed of various activities: livelihood promotion, financial inclusion, social empowerment, and social protection components.

Graduating to Resilience produced large, positive impacts in Cohort 1 (2018-2021) on household-level measures of assets, consumption, income, food security, wellbeing, and mental health.

In 2022, AVSI launched Cohort 2 of the Graduating to Resilience activity, which runs from January 2022 to December 2023. Cohort 2 uses Cohort 1 results to deliver a refined version of the Graduation Approach and adds a group therapy component guided by interpersonal therapy (IPT) principles to improve mental health. ${ }^{1}$ Testing the addition of a group therapy component is motivated by early-stage evidence from Innovations for Poverty Action (IPA) research in Ghana ${ }^{2}$ and Niger, ${ }^{3}$ which suggests that integrating mental health interventions into graduation interventions could improve participants' economic and health outcomes for minimal additional cost.

Gerald Klerman and Myrna Weissman developed IPT in the 1970s to treat major depressive disorders. ${ }^{4}$ IPT focuses on stressful life events-grief, interpersonal disputes, life transitions, social isolation, and deficits—associated with the onset, exacerbation, or perpetuation of current symptoms. The RFSA adapted the existing IPT model to include a group therapy component in the Graduation to Resilience activity.

Graduation to Resilience administered 12 group therapy sessions to participants over 8 months. The first session started in April 2022, and most groups had their last session in November 2022. Each session lasted about 90 minutes. In those sessions, participants met in groups of 12-13 (intervention groups of

[^0]25 were split into two) to discuss their problems ${ }^{5}$ and receive advice from other participants and the facilitator (a coach or a community-based trainer).

This study is an intervention trial aiming to estimate the impact of adding group therapy to a graduation model on refugees and host communities. IPA randomized Graduation to Resilience participants into two groups: one that received additional group therapy sessions and one that did not. After a baseline in December 2021, IPA conducted a follow-up survey with 3,015 households between January and March 2023.

The research questions were:

- Can a group therapy intervention improve the mental health of primary participants?
- Can this improvement in mental health improve the economic outcomes of primary participants as they engage more effectively with their livelihoods?
- Can those additional effects on economic outcomes have downstream effects on consumption that can be compared against the additional costs to evaluate cost-effectiveness?

At midline, we find that the impact of adding group therapy to the Graduation to Resilience RFSA is negative for psychological wellbeing and economic activity in the host community and has no significant effect on the refugee community. The effects are concentrated among participants with high rates of baseline distress.

For households in the refugee community, we do not observe statistically significant differences between the Graduating to Resilience participants without group therapy and those with group therapy on the psychological distress index, health-related quality of life index, and economic activity index.

Among members of the host community, we find that adding group therapy to the Graduating to Resilience activity negatively impacted the mental health and economic outcomes the program aimed to improve.

- We observe a statistically significant worsening on an index of psychological distress relative to households assigned to the Graduating to Resilience activity without group therapy, with households assigned to IPT scoring on average 0.11 standard deviations (SDs) higher than nonIPT households. The Psychological Distress Index aggregates three common measures of mental health: Kessler Psychological Distress Scale (K)-10, Patient Health Questionnaire (PHQ)-9, and General Anxiety Disorder (GAD)-7. The increase in the aggregate index in the host community is driven by increases in K10 and PHQ-9, which are higher by 1.01 and 0.45 points in the IPT group, respectively. These negative impacts were concentrated among those who had higher psychological distress at baseline. These negative effects in distress were accompanied by other negative psychosocial effects on host participants, particularly their social wellbeing (e.g., social status or social worth) and optimism.
- We also observe a statistically significant decrease in the economic index relative to households assigned to the Graduating to Resilience activity without group therapy, with households assigned to IPT scoring on average 0.12 SDs lower than non-IPT households. The economic activity index aggregates information on participant labor supply, investments, and intentions to expand economic activity. The decrease is driven by a decrease in investment in income-

[^1]generating activities. Adding IPT decreased total investment over the past 4 months by about UGX 53,000 or about 7\% relative to the average among households not assigned to IPT. This decrease is not concentrated on a particular type of livelihood but appears spread across farming, livestock, and off-farm businesses. We observe no meaningful impacts on labor supply or economic expansion intentions.

- While we found economic activity to be strongly associated with psychological distress, consistent with other studies, and the patterns of treatment effects do reflect this association, it appears that the implementation of group therapy in this context was not effective in improving participants' mental health, particularly among the host community.

To maximize learnings from this study, we are still investigating the mechanisms through which this intervention may have negatively impacted participants in the host community and why refugees were not affected. We provided some preliminary hypotheses in the conclusion. As an IMPEL consortium member, IPA will conduct a final evaluation survey in 2024, approximately 30 months after the beginning of Cohort 2, that will determine the overall impact of the intervention.

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## 1. CONTEXT AND INTERVENTION

### 1.1 Background on Graduating to Resilience, Cohort 1

In October 2017, United States Agency for International Development (USAID) Bureau for Humanitarian Assistance (BHA) awarded the implementation of the Graduating to Resilience activity in Kamwenge District, Uganda, to the AVSI Foundation (AVSI), an international non-governmental organization operating in Uganda since the early 1980s, together with a consortium including TrickleUp and the American Institutes for Research (AIR). ${ }^{6}$ Graduating to Resilience is part of a portfolio of resilience food security activities (RFSAs) that BHA supports in low-income countries across Africa. The goal of the Graduating to Resilience RFSA is to improve food and nutrition security and self-reliance among extremely poor households in refugee settlements and host communities. Kamwenge District is in the southwest of Uganda and home to approximately $91,000^{7}$ mostly Congolese refugees, as well as a nonrefugee population facing chronic food insecurity.

Graduating to Resilience is based on the "graduation from extreme poverty" approach, which is a holistic set of services for targeted "ultra-poor" households designed to help recipients build new livelihoods while developing skills and confidence, along with an asset base to diversify income, protect themselves from shocks, and sustain wellbeing.

As a part of the USAID BHA-funded IMPEL Associate Award, Innovations for Poverty Action (IPA) designed a randomized controlled trial (RCT) on the 6 -year Graduating to Resilience RFSA to measure the impact and cost-effectiveness of different variations of graduation programming for refugees and host communities. With access to the results from the RCT in Year 4, the RFSA is now implementing a refined version of the Graduation Approach based on findings from the Cohort 1 endline with households that were not previously participating in interventions of the activity. As such, the Graduating to Resilience RFSA has two cohorts of participants: Cohort 1 (2018-2021) and Cohort 2 (2022-2024). Each cohort includes extremely poor households from both the refugee and host communities in the Kamwenge district and targets primarily economically active women.

### 1.2 Phase 2 Evaluation of Graduating to Resilience

In 2021, the BHA Implementer-Led Evaluation and Learning (IMPEL) Associate Award awarded IPA the evaluation of Phase 2 , which consists of a round of follow-up surveying of Cohort-1 study participants to measure longer-term impacts and an evaluation designed specifically around Cohort-2 interventions. The latter aims to provide new evidence on how to amplify the impact of the refined Graduation Approach by incorporating low-cost mental health treatments, a group therapy guided by interpersonal

[^2]therapy (IPT) principles. ${ }^{8}$ This report focuses on a follow-up survey conducted to evaluate the group therapy component of Cohort 2. A subsequent follow-up will be conducted in 2024.

The study area of the Cohort 2 Graduating to Resilience activity is equivalent to that of Cohort 1 . For the refugee settlement, this includes the entire refugee community. In the host community, the RFSA is implemented and evaluated in six sub-counties contiguous to the settlement: Nkoma, Biguli, Bihanga, Bwizi, Nkoma Katalyeba Town Council, and Lyakahungu Town Council.

Cohort 2 participants received a package of interventions offered to about 7,000 households, split approximately evenly between the refugee $(3,400)$ and host communities $(3,600)$. The interventions are informed by the knowledge acquired during the first cohort's implementation and the accompanying multi-arm RCT. To distinguish the package of interventions administered in Cohort 2 from those of Cohort 1, the approach of this second cohort is referenced in this document as "Refined Graduation."

The key interventions of the Refined Graduation Approach are:

1. Consumption support: a small, regular cash transfer provided over 12 months to stabilize incomes and enable households to focus on new livelihoods, as well as prevent the consumption of productive assets. This cash transfer is about $\$ 4-5$ per household member per month. The transfer per household throughout the cash transfer periods totals about \$300.
2. Productive asset transfer: a lump sum cash transfer for any small-scale income-generating activity of about $\$ 300$ that takes place about 6 months after the beginning of the program.
3. Trainings in technical skills: including financial literacy, enterprise selection, planning and management, improved agricultural skills (crop and livestock), and bank linkages. These trainings happen in the first 6 months of the program before the asset is distributed.
4. Coaching on various themes: including health, nutrition, gender, life skills, and sanitation. Each participant attended 48 group coaching sessions over 24 months and had eight quarterly individual touchpoints over the same period.
5. Access to savings: Village Savings and Loan Associations (VSLA) create a secure place to save income, as well as access low-interest loans.
6. Referrals and linkages: referrals from coaching staff related to domestic violence, protection, health, nutrition, and linkages to services within the public and private sectors like extension services, energy, finance, markets, and agricultural inputs.

All interventions target the primary participant in the households. In 95\% of participating households, the primary participant was an economically active woman.

One difference between Cohort 1 and Cohort 2 programming is the intensity of coaching. Cohort 1 participants received two different coaching approaches-individual coaching (every 2 weeks) and group coaching (weekly). The evaluation of Cohort 1 of Graduation to Resilience showed that the group approach was the most cost-effective. ${ }^{9}$ The RFSA employs a hybrid approach for Cohort 2 programming.

[^3]This hybrid approach is mostly based on group coaching sessions happening every 2 weeks but also includes quarterly individual touchpoints to maintain individual contact between participants and coaches.

For Cohort 2 programming, AVSI decided to add a group therapy guided by IPT principles. In an RFSA survey in the Palabek refugee settlement in Northern Uganda, ${ }^{10} 35 \%$ of respondents indicated that they were experiencing depression at the time, and $64 \%$ of these individuals reported that their depression was interfering with their daily lives. Up to $23 \%$ of all respondents said that they had had suicidal thoughts within the last 2 weeks. In addition, during Cohort 2 sensitization sessions, the RFSA collected data that indicated that up to $80 \%$ of refugees had experienced depression at some point in their lives, as well as $60 \%$ of host community members.

Against this backdrop of substantial mental health concerns, the RFSA implemented group therapy with half of Cohort 2 primary participants. This therapeutic approach was participatory and group-based to empower isolated and vulnerable women ( $95 \%$ of primary participants are women) to improve relationships, develop communication and conflict resolution skills, and foster lasting support networks. Within these groups, participants shared their challenges, discussed actions they took to manage them, and supported one another. There were 12 sessions ${ }^{11}$ across 8 months. Each quarter, participants were intended to have six group coaching sessions and at least one individual touch point (with more touch points at the beginning of the program). RFSA staff organized the group meeting scheduled to take place once every 2 weeks, and the last month of the quarter was used for quarterly data collection, staff training, and individual touch points and follow-ups. The first session started in April 2022, and most groups had their last session in November 2022. Each session lasted about 90 minutes.

Group therapy has three phases, each with distinct objectives:

- Initial Phase: Group sessions 1-2. This phase focuses on creating initial bonds among group members and building rapport with each other, so women feel comfortable sharing personal information and discussing the reasons for their depression.
- Middle Phase: Group sessions 3-6. This phase ensures that all members are actively engaged and helping each other by making suggestions regarding one another's problems. This is also the phase where members make important progress to fully understand all the symptoms and triggers of depression.
- Termination Phase: Group sessions 7-12. These sessions prepare members to end formal sessions. Members are reminded to continually identify their own triggers of depression and what they should do to respond in the future. Individual action plans are created and reviewed.

The timeline for the RFSA is as follows:

- Beneficiary registration and forming groups: February 2022
- Intervention kickoff: February 2022
- Consumption support cash transfer: February 2022 to February 2023
- Coaching sessions: February 2022 to February 2024
- Group therapy sessions: April to December 2022

[^4]- Farmer Field Business School (FFBS), VSLA, and other intervention elements: February 2022 to February 2024


### 1.3 Interpersonal Therapy in Groups

Gerald Klerman and Myrna Weissman developed interpersonal psychotherapy (IPT) in the 1970s to treat major depressive disorders. ${ }^{12}$ Donker et al., in their article in the American Journal of Psychiatry, describe IPT as focused on stressful life events: grief, interpersonal disputes, life transitions, social isolation, and deficits associated with the onset, exacerbation, or perpetuation of current symptoms. The authors also explain that IPT helps patients to connect with social support. They separate IPT into three phases. The beginning phase includes forming the IPT group and assessing the patient's condition. During the middle phase, interpersonal problem-specific therapeutic guidelines are applied. In the concluding phase, gains are consolidated, and adaptive interpersonal strategies and contingency plans are reviewed in case of relapse.

The RFSA adapted the existing IPT model to include it in the Graduation to Resilience activity by adding IPT sessions after the group coaching sessions. IPT manuals were developed under the guidance of Strong Minds, an organization specializing in mental health. For the IPT sessions, coaching groups of 25 were split into groups of 12 and 13 participants, one of which was facilitated by a coach and the other by a community-based trainer (CBT). ${ }^{13}$

In January 2022 - before the launch of group therapy sessions—RFSA coaches and CBTs conducted a mental health assessment on all 7,000 Graduating to Resilience participants to assess their levels of depression and anxiety. ${ }^{14}$ After the assessment, the RFSA categorized 5,037 (72\%) as mildly depressed, 1,611 (23\%) participants as moderately depressed, 287 (4\%) as moderately-severely depressed, and 97 (1\%) as severely depressed, according to the Patient Health Questionnaire (PHQ)-9 indicator.

At the same time, before the beginning of group therapy sessions, coaches and CBT divided their groups of 25 participants into two equal groups, roughly evenly distributed.

Graduation to Resilience administered 12 group therapy sessions to participants over 8 months. The first session started in April 2022, and most groups had their last session in November 2022. Each session lasted about 90 minutes. In those sessions, participants met in groups of 12-13 (intervention groups of 25 were split into two) to discuss their problems ${ }^{15}$ and receive advice from other participants and the facilitator (a coach or a CBT). Each group received 12 group therapy sessions. For more detail on the group therapy curriculum, see Annex B Table 12, group therapy modules marked with an asterisk.

[^5]Group therapy sessions were facilitated by coaches and CBTs and lasted, on average, 90 minutes. They happened once every 2 weeks, as the World Health Organization (WHO) Interpersonal Psychotherapy in Groups (G-IPT) manual recommended. In a typical group therapy session, some participants share their problems with the group therapy group members and the facilitator-a coach or a CBT. Then, group members discussed it and tried to find a solution. The facilitator guides the discussion

## 2. EVALUATION OF COHORT 2

### 2.1 Overview

The evaluation of Cohort 2 of the Graduation to Resilience activity has two objectives. The first is to assess the impact of the refined Graduation Approach in the context of the Phase 2 evaluation. The second objective is to provide new evidence on how to amplify the impact of the Graduation Approach by incorporating a low-cost mental health treatment, the group therapy intervention.

The test of the addition of a group therapy component is motivated by early-stage evidence from IPA's research in Ghana ${ }^{16}$ and Niger, ${ }^{17}$ which suggests that integrating mental health interventions into graduation interventions could improve participants' economic and health outcomes for minimal additional cost. However, other research from Kenya suggests that participants enrolled in a cash transfer program and a 5-week psychotherapy program did not see any benefits from the mental health treatment. There is a clear need for additional research on this topic.

While there is evidence that group therapy works in Uganda outside the context of a graduation program, the present study will help to understand whether addressing mental health will costeffectively improve outcomes of a refined version of the Graduation Approach participants. This is especially important in a refugee context, where mental health issues may pose a particular challenge for individuals who have experienced conflict and trauma. The evaluation of this intervention will examine not only the effect on the mental health of primary participants but also test for effects on economic outcomes. We hypothesize that better mental health allows participants to engage more effectively with their livelihoods. Beyond effects on mental health outcomes, we can compare potential additional downstream effects on consumption against the additional costs to evaluate costeffectiveness.

To summarize, the research questions are the following:

- Can a group therapy intervention improve the mental health of primary participants?
- Can this improvement in mental health improve the economic outcomes of primary participants as they engage more effectively with their livelihoods?
- Can those additional effects on economic outcomes have downstream effects on consumption that can be compared against the additional costs to evaluate cost-effectiveness?

The Cohort-2 evaluation is designed as two separate two-arm trials. In both trials, households were randomly assigned to experimental arms at the household level. Households participating in both trials were recruited from households who were not invited to join Cohort 1. Trial A seeks to evaluate the overall effect of the Cohort-2 interventions, while Trial B seeks to measure the additional effect of group therapy programming.

[^6]In "Trial A," we compare households randomized into offers of participation in Cohort-2 interventions ("Refined Graduation") to households who were randomized out ("control"). The goal of Trial A is to evaluate the overall impact of the Cohort-2 interventions. Cohort-2 interventions evaluated as part of Trial A include group therapy programming for some households, but the trial is not designed to test for differential impacts of this programming element. Instead, the trial will deliver estimates of the impact of Cohort-2 interventions averaged across households receiving and not receiving group therapy programming (see the description of Trial B below, which displays estimates we can use to assess the impact of the Cohort-2 graduation program without group therapy). Households participating in Trial A were selected from households that were part of the control group of Cohort 1 and were previously interviewed in survey data collection as part of the Cohort-1 evaluation.

In "Trial B," we compare households who were randomly assigned to offers of participation in Cohort-2 with group therapy with those who were assigned to offers of participation in Cohort 2 without group therapy. The purpose of Trial B is to measure the additional effect of group therapy programming. Households participating in Trial B were largely recruited from households that were part of the holdout control group of Cohort 1 and who were not previously surveyed, but the sample also includes households who were part of the Cohort-1 "regular," non-holdout control group.

Trial A and Trial B have similar but not identical sampling frames. Trial A recruits from Cohort-1 nonholdout controls. Trial B recruits from a mix of former Cohort-1 non-holdout controls and holdout controls (across all villages). Non-holdout controls underwent an additional screening step (mainly availability during baseline surveying) during the recruitment for Cohort 1 participants but are otherwise comparable to holdout controls. As a result, the two trials are internally valid, and since the sampling frames are similar, the results from one trial can be used to inform the interpretation of the results from the other. However, since experimental conditions were not randomly assigned across both trials but within each, regression analysis for the two trials will be done separately. We discuss additional details on sampling for the two-trial design for Cohort 2 further below.

The two-trial design is a response to implementation constraints stemming from the desire to integrate a study of Cohort 2 with a long-term follow-up of Cohort 1 and the substantial number of Cohort-2 participants that the RFSA is aiming to serve. Ideally, the Cohort-2 evaluation would have been designed as a more straightforward, single three-arm design with a control group and two treatment group variations instead of the two two-arm trials summarized above. However, to maintain the integrity of the design of Cohort 1 for long-term follow-up, any implementation of Cohort 2 interventions needed to be balanced across any Cohort 1 treatment and control villages in which Cohort-1 study households will be followed up with in future rounds of surveying. If, for example, control villages were to have a relatively higher share of households of Cohort 2 participants, this would mean that a comparison of Cohort-1 participant households in treatment with households in control villages would no longer isolate the effect of Cohort-1 participation. Treatment effects estimates would be confounded either indirectly due to the additional economic activity injected by Cohort 2 interventions or directly (if, for example, control village households participate in Cohort 2 but Cohort 1 participant households in treatment villages do not).

The need for a balance of implementation of Cohort 2 across Cohort-1 treatment and control villages drastically limits the total number of households that could have been recruited for a three-arm Cohort-

2 study since in Cohort-1 treatment villages, only a relatively small fraction of households eligible to participate in Cohort 1 were not offered participation. In addition, the RFSA organizes its Graduation Approach interventions-coaching, savings groups, FFBS—around groups of about 20-30 participants. This means that there are "small" villages where there were not enough eligible Cohort-1 nonparticipants to form at least two groups of 20-30 people necessary for a three-arm trial that would accommodate two treatment variations (Refined Graduation with and without group therapy) and would contain enough additional households so that Cohort-2 control condition could be formed. The specific design with two, two-arm trials that IPA and the RFSA are implementing was chosen to accommodate the above constraints while maintaining its ability to achieve the two study goals of measuring the impact of Cohort-2 relative to a control group and measuring the additional impact of adding group therapy to the Graduation Approach.

There are an expected 7,000 Cohort-2 participants, and not all will be part of the Cohort-2 evaluation. Specifically, due to constraints on the total sample size in the Phase 2 study, while all households participating in Cohort-2 programming were randomized into either receiving group therapy programming or not, only a subset of households will be interviewed in follow-up surveys as part of the Cohort-2 evaluation.

The evaluation of Cohort 2 includes the following data collection rounds:

- Baseline survey: November to December 2021
- Process evaluation: May to November 2022
- Outcome monitoring for Trial B: December 2022 to February 2023. ${ }^{18}$
- Endline: mid-2024


### 2.2 Sampling

To understand the sampling strategy for Phase 2 of the evaluation, it is important to understand the original study design employed for Cohort 1. At the start of Cohort 1, the RFSA had conducted a social mapping exercise and a household scorecard exercise, yielding a total of 25,104 households considered eligible to benefit from the Graduating to Resilience activity. Among those, 11,145 were interviewed at baseline. Of those, researchers assigned 6,631 to treatment and 4,514 to control.

Researchers assigned the 25,104 households identified as eligible by the RFSA to experimental conditions in Cohort 1 in three stages: In the first stage, researchers randomly selected half of the 114 villages ( 42 in the refugee settlement and 72 in the host community) as treatment villages and half as control villages. In the second stage, households were selected to be targeted for interviews to participate in the Cohort-1 study. Households that were ultimately not selected for interviews became "holdout" controls. In the third stage, households who were recruited into the study in treatment villages were randomly assigned to one of the three treatment arms or to a control group. The Cohort-2 evaluation, which is part of Phase 2, takes place in all villages that were part of Phase 1.

[^7]Cohort 2 participants sampled for the Phase 2 evaluation are drawn from the 25,104 initially eligible households and consists of either a) former Cohort-1 control households, some of whom were offered participation in interventions as part of Cohort 2 (while other were not and remained in the control group) or b) Cohort-1 holdout controls (which both come from treatment and control villages) but are offered participation in Cohort 2 interventions. In addition, Phase 2 includes the long-term follow-up of Cohort-1 households.

Since the sample for the Cohort-2 study in Phase 2 is made up of part of former Cohort-1 control households that had been interviewed in the 2021 Cohort-1 endline, the Cohort-2 baseline survey was only administered to holdout controls. The total sample size of the Cohort 2 study is 5,872 households, but only 2,612 were interviewed in the Cohort-2 baseline survey data collection.

Table 1 summarizes the sample size of Cohort-2 separately by Cohort 1 (regular, non-holdout) control and holdout control status. The total sample size of the Cohort-2 evaluation is 5,872 households.

Table 1. Sampling of Cohort-2 households as a function of Cohort-1 study status

|  | Trial A | Trial B | Total |
| :--- | :---: | :---: | :---: |
| Selected from among Cohort-1 controls (previously <br> interviewed as part of Cohort 1) | 2,662 | 598 | 3,260 |
| Selected from among Cohort-1 holdout controls (not <br> previously interviewed; in Cohort-2 baseline sample) | 0 | 2,612 | 2,612 |
| Total number of households | 2,662 | 3,210 | 5,872 |

### 2.3 Cohort 2 Eligibility Assessment

The Graduating to Resilience activity targets poor and extremely poor households that have an economically active woman or a male youth. To identify households satisfying these criteria and eligible for participation in Cohort 2, the RFSA conducted an eligibility assessment of all Cohort 1 households that had not received any intervention (holdout and non-holdout controls).

The RFSA administered a scorecard questionnaire to calculate a poverty score from 0 (poorest) to 8 (richest). In addition, the RFSA completed a bucketing exercise with community members to ask them to categorize households into three categories in terms of poverty: "Extremely poor," "Poor," and "Moderate." The RFSA considered households as poor or extremely poor if a) their scorecard score was less than 6 or b) their scorecard was equal to 6 , but the household had been classified by the community as poor or extremely poor.

Eligible households were those who satisfied the above poverty criteria and had an economically active woman or a male youth to be the designed primary participants in the household. The primary participant is the individual who receives cash and participates in the various Cohort-2 interventions, VSLAs, coaching sessions, group therapy, and trainings. Among the individuals that the RFSA selected as primary participants, $89 \%$ were women.

### 2.4 Trial A: Impact of the Refined Graduating to Resilience Activity

The purpose of this trial is to evaluate the impact of the "refined" Graduating to Resilience RFSA by comparing households who were offered Cohort-2 participation ("treatment") to those assigned to a control group ("control") that were not offered service. Because the RFSA required that half of all Cohort-2 participants receive group therapy, the treatment group in Trial A is a combination of households receiving group therapy and those who do not. While assignment to treatment vs. control was randomized at the individual level, assignment of treatment as part of Trial A to group therapy (vs. no group therapy) was randomized at the village level. This was done at the village level because the per-village number of Trial A participants was typically too small, especially in the refugee community, to form at least two implementation groups (group therapy versus not) into which households could be separately assigned-and by the nature of the intervention, group therapy gets delivered at the group level and not individually. Because the sample size for Trial A is limited and because group therapy was assigned at the village level in this trial, the trial is not designed to detect meaningful differences in the effects of Refined Graduation by comparing group therapy participants and group therapy nonparticipants. As a result, in this trial, we focus on the overall effect of Refined Graduation relative to the control, averaging across all participants irrespective of their group therapy status.

The total number of households in Trial A is 2,662. All were initially assessed for program eligibility in 2018 and participated in the Cohort 1 study as members of the control group. The households that form the Trial A sample were those households that were additionally found eligible as part of the Cohort-2 eligibility assessment (described in detail in the previous section). Table 2 shows the sample sizes in Trial A and their division between refugee and host communities.

Table 2. Number of households in Trial A

|  | Control | Refined Graduation* |
| :--- | :---: | :---: |
| Refugee | 591 | 595 |
| Host | 782 | 694 |
| Total | 1,373 | 1,289 |

Notes: *Refined Graduation in Trial A includes both households who are receiving group therapy and households who are not. See text for details.

### 2.5 Trial B: The Impact of Adding Group Therapy

The purpose of this trial is to evaluate the impact of adding group therapy to the "refined" Graduating to Resilience RFSA. Trial B compares households assigned to Refined Graduation without group therapy to those assigned to Refined Graduation with group therapy.

The total sample size for Trial B is 3,210 . As shown in Table 1, 598 of the 3,210 households participating in this trial were Cohort-1 non-holdout control group members who have been reassessed to be eligible during the Cohort-2 eligibility assessment and have been offered participation in Cohort 2. Another

2,612 households were selected from the Cohort-1 holdout control group and were enrolled in the study as part of the Cohort-2 baseline survey.

Table 3 breakdown the Trial B sample by the refugee and host community.
Table 3. Number of households in Trial B

|  | Refined Graduation | Refined Graduation + Group Therapy |
| :--- | :---: | :---: |
| Refugee | 915 | 915 |
| Host | 690 | 690 |
| Total | 1,605 | 1,605 |

## 3. GROUP THERAPY FOLLOW-UP SURVEY

### 3.1 Objectives

The group therapy follow-up survey aimed to measure the short-term impact of the group therapy sessions using Trial B.

### 3.2 Questionnaire

The questionnaire consisted of two parts. The first part covered household characteristics, expenses, income, finance, and assets, among others, as detailed below. It was administered to the head of household or target participant (defined as the most likely primary participant as identified at baseline based on the RFSA's criteria respective to eventual participation status). The second part was administered to the target participant and asked about their mental health, social network, and other items.

The questionnaire included the following modules:
Part I: Household Survey

- Food Consumption Score (FCS)
- Agriculture: September to December 2022 agricultural season
- Fruit trees and permanent crops
- Farming expenses
- Livestock ownership, sales, and purchases
- Livestock inputs
- Livestock activity
- Employment
- Assets
- Business
- Remittances and transfers
- Finance, loans, savings
- Organizational support
- Social cohesion and trust

Part II: Target Participant

- Target respondent participant section
- Digit span
- Kessler Psychological Distress Scale (K10)
- Cantril's Ladder
- General wellbeing
- Self-efficacy scale
- Grit questions
- Self-control
- Patient Health Questionnaire
- Generalized Anxiety Disorder Assessment (GAD)
- Interpersonal psychotherapy
- Gender and household decision-making
- Intimate partner violence
- Social capital
- Social networks
- Program preferences
- Working alliance inventory
- Coaching
- Open-ended questions

The survey took approximately 2 hours on average to complete.

### 3.3 Field Preparation

Two enumerators piloted the newly added sections of the survey instrument for 6 days in December 2022. Another round of piloting was done on January 7, 2023. All pilot surveys were administered in person. Each time, the instrument was refined, and its duration was assessed.

The enumerator training took place from January 16 to January 20 at Club Afreka Hotel in Kamwenge with 90 field officers. Trainers used the next day for field practice training with respondents outside the study sample. IPA research associate and field manager led the training. Of the 90 candidates invited to the training, the 69 best-performing field officers were hired for various positions for the data collection.

The successful enumerators were selected based on their participation and performance during the training. The trainees consisted of both experienced IPA enumerators and newly recruited candidates. The training content included enumerations principles, conducting ethical research, IPA data quality standards, and obtaining consent from respondents. Field officers were also trained to conduct the electronic survey with a tablet.

### 3.4 Field Activities

### 3.4.1 Soft Launch

IPA conducted a full-scale soft launch of the survey on January 23, 2023. On this first day of data collection, each enumerator conducted only one survey. The field manager and research associates observed the preparedness of the enumerator teams, contact strategies, familiarity with the questionnaire, and understanding of the objective of the survey. The enumerator teams received feedback on their performance, discussed challenges, and clarified any final questions.

### 3.4.2 Data Collection

Data collection for the group therapy survey started on January 23, 2023, in both the settlement and host community. IPA deployed a team of 50 enumerators divided into seven smaller field teams. A team leader oversaw each field team. All but one team consisted of seven enumerators, while the other team had eight. Respectively, 28 and 22 enumerators were hired for the settlement and the host community. The team working in the settlement was bigger to account for the larger sample size among the refugee
community compared to the host community. In addition, five auditors were hired to backcheck a random subset of completed surveys. Each of the seven field teams also had one mobilizer. Mobilizers went to the villages a day before the rest of the team and worked with the village chairperson or local council to locate the selected household respondent to make appointments for the following day. Enumerators visited the mobilized households the next day and surveyed the respondents. When mobilized respondents could not be surveyed on the planned survey day, they revisited villages to track missing respondents up to three times. The field manager supervised both teams. In the first 3 weeks of data collection, IPA enumerators completed an average of 2.7 surveys daily. Subsequently, productivity decreased, and they started tracking respondents who they missed.

Researchers decreased the size of the field team to 23 enumerators on February 27 for tracking purposes. Finding respondents became more difficult, so we adjusted the survey strategy. The last day of data collection was March 7. IPA managed to survey 3,015 households successfully. This represents $96 \%$ of the 3,153 households sampled. The team stayed in Kamwenge town because it offered sufficient guesthouses to have the entire team of 69 field officers in one place. Before heading to the field to survey respondents, the field manager and research associate assembled the team for a briefing to discuss the progress of the data collection and to address any concerns from the team. IPA rented four matatus-later increased to five-which brought the field officers to the villages selected to be surveyed on a particular day. Mobilizers, team leaders, and auditors also received a transport allowance to reach individual respondents at their homes.

### 3.4.3 Data Quality

IPA ensured data quality through two processes: survey audits and high-frequency checks of recorded data. IPA conducted audit surveys with a randomly selected subset of about $10 \%$ of the respondents who had been surveyed a maximum of two days prior. Auditors probed whenever the answer they received differed from the one originally recorded by the IPA enumerator. This helped to assess whether there were any issues in the survey administration, comprehension, or completion. Whenever discrepancies in key variables arose, enumerators and auditors met to understand the origin of the discrepancy and verify the correct response, sometimes verifying answers with the respondents. IPA research staff then corrected the verified answer in the database.

IPA also performed high-frequency checks daily on incoming data using Stata. IPA research staff wrote codes to look for data outliers, logical inconsistencies, key variables, and missing data. If IPA research staff identified any issues during this process, they consulted with enumerators to clarify or correct the answers. IPA discovered no intentional data manipulation by enumerators.

### 3.5 Limitations and Challenges

The field team encountered infrastructural challenges due to the poor state of the roads in the survey areas, heavy rains, the large distance between households in some host community villages as well as the long distance from the team's base in Kamwenge to some villages, which led to long travels in the morning and after work in the evening. Kamwenge is otherwise ideal for the team as it has sufficient accommodation to host the entire team and allows to gather the field officers for briefings in the morning before heading to the field. Furthermore, some refugees had moved, sometimes as far as back
to the Democratic Republic of the Congo, which made finding respondents difficult. On market days, surveying primary participants was challenging as they tended to be occupied for the entire day. Villages had specific weekly market days, which the team first had to become familiar with.

## 4. RESULTS

### 4.1 Empirical Strategy

IPA estimated the intention-to-treat (ITT) effect of each treatment arm using linear regressions. For each household $i$ in village $v$ we specify:

$$
Y_{i, v}=\beta_{0}+\beta_{1} I P T+\alpha_{v}+\varepsilon_{i}
$$

where $Y$ is an outcome variable of interest, $\alpha_{v}$ captures village fixed effects and group therapy indicates random assignment to group therapy sessions. We focus on estimates of $\beta_{1}$, which reflects the causal average impact of assignment to the Graduation to Resilience with group therapy treatment relative to households assigned to the Graduating to Resilience without group therapy treatment. The parameter $\varepsilon_{i}$ is a mean zero error term. For the main tables of this report, we show results separately for host and refugee samples.

### 4.2 Key Outcomes

In this section, we compare households in the Graduating to Resilience activity with group therapy arm with households in the Graduating to Resilience activity without group therapy arm to analyze the treatment effect of the group therapy intervention in the Graduating to Resilience activity in the refugee and host communities (Trial B).

We find that overall, shortly after the end of group therapy sessions, there is a negative impact on the psychological wellbeing and economic activity of host communities when group therapy is incorporated into the Graduating to Resilience activity. Put differently, host community households who received group therapy scored lower on a series of mental health and economic activity questionnaires than did their counterparts in the control group not receiving group therapy. Among refugees, group therapy has no average effect on either set of outcomes. The effects are concentrated among host participants with high rates of baseline distress.

Table 4 shows regression results for three pre-specified aggregate outcomes: an index of psychological distress, an index of health-related quality of life, and an economic activity index. Each index is a composite of several components. The psychological distress index aggregates three common measures of mental health: K10, PHQ-9, and GAD-7. The quality-of-life index is based on five questions about recent physiological and psychological wellbeing. The economic activity index aggregates information on participant labor supply, investments, and intentions to expand economic activity. Additional detail on these outcomes is provided in the notes at the bottom of the table, and Tables 5 through 10 provide regressions results separately for components on the aggregate measures.

Panel A of Table 4, for households in the refugee community, shows no statistically significant differences between the Graduation participants without group therapy and those with group therapy on either of the three aggregate outcomes. In contrast, as shown in Panel B, among members of the host community, we find that adding group therapy to the Graduating to Resilience approach negatively impacted the mental health and economic outcomes the program aimed to improve. We observe a
statistically significant increase in the psychological distress index, with households assigned to group therapy scoring on average 0.11 standard deviations (SDs) higher than non-group therapy households. In addition, the economic index was lower by 0.12 SDs on average. The effects are concentrated among participants with high rates of baseline distress, as shown in Annex A.

## INTERPRETATION OF REGRESSION TABLES

The results tables in this section show treatment effects estimated from a set linear regression model. The column titles indicate the outcomes. For each panel, the first row shows the difference in average outcome levels between Graduating to Resilience with and without IPT. The average outcome for Graduating to Resilience without IPT is shown in the lower half of the panel for reference. The second row of the panel shows the standard error of the estimated difference. Asterisks in the first row indicate levels of statistical significance for tests of the Null hypothesis of a treatment effect of zero. Panel A shows treatment effects in the refugee community, and Panel B shows treatment effects in the host community.

Table 4. Key outcomes

|  | (1) Psychological <br> Distress Index <br> (Higher $=$ Worse) | (2) Health-Related <br> Quality of Life index <br> (Higher = Better) | (3) Economic Activity <br> Index <br> (Z-Score) |  |
| :--- | :---: | :---: | :---: | :---: |
| Panel A: Refugees |  |  |  |  |
| IPT addition | 0.05 | 0.01 | -0.01 |  |
|  | $(0.05)$ | $(0.05)$ | $(0.05)$ |  |
| Observations | 1,707 | 1,707 | 1,726 |  |
| R-squared | 0.05 | 0.04 | 0.06 |  |
| Mean in Grad w/o IPT | 0.00 | 0 | 0 |  |
| SD in Grad w/o IPT | 1.00 | 1 | 1 |  |
| Panel B: Hosts |  |  | $-0.12^{* *}$ |  |
| IPT addition | $0.11^{* *}$ | -0.03 | $(0.06)$ |  |
|  | $(0.05)$ | $(0.06)$ | 1,288 |  |
| Observations | 1,265 | 1,265 | 0.12 |  |
| R-squared | 0.06 | 0.07 | 0 |  |
| Mean in Grad w/o IPT | 0 | 0 | 1 |  |
| SD in Grad w/o IPT | 1 | 1 | 0 |  |

Notes: The Psychological distress index is a z-score index of three components (K10, PHQ-9, and GAD-7), standardized to a mean of 0 and standard deviation of 1 in the control group. The lower the index value, the better the mental health of the participant. The Health-Related Quality of Life index is a z-score index of three components (number of healthy days, average of subjective mental and physical health rating, and days of good functioning), standardized to a mean of 0 and standard deviation of 1 in the control group. For this index and the three subcomponents, the higher the index value, the better the health of the participant. The number of days of good functioning corresponds to the number of days where the respondent did not experience health issues that prevented normal activities. The Economic Activity index is a $z$-score index of three components (labor supply index, 5th root of total investment, economic expansion index), standardized to a mean of 0 and standard deviation of 1 in the control group. For this index and the three subcomponents, a higher index value indicates a greater degree of economic activity (both time and money) that the participant is engaged in. A $z$-score is a unitless measure of a variable of interest. It is constructed by subtracting the mean and dividing it by the standard deviation. This centers the $z$-score at the variable mean and converts the units of the variable (e.g., Ugandan shillings) into standard deviations, allowing for aggregation of outcomes with disparate units. All regressions controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the $10 \%$ level; ${ }^{* *}$ at the $5 \%$ level; and ${ }^{* * *}$ at the $1 \%$ level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization (treatment vs. control villages) and household level randomization (within treatment villages).

### 4.3 Primary Psychological Outcomes

Table 5 shows the results of each component of the Psychological Distress index-K10 measuring distress, PHQ-9 measuring depression, and GAD-7 measuring anxiety. The increase in the aggregate index in the host community is driven by increases in K 10 and $\mathrm{PHQ}-9$, which are higher by 1.01 and 0.45 points in the group therapy group, respectively.

Table 5. Mental health

|  | (1) Psychological Distress (Z-Score) | (2) K10 | (3) PHQ-9 | (4) GAD-7 |
| :---: | :---: | :---: | :---: | :---: |
| Panel A: Refugees |  |  |  |  |
| IPT addition | 0.05 | 0.18 | 0.34 | 0.13 |
|  | (0.05) | (0.38) | (0.24) | (0.20) |
| Observations | 1,707 | 1,707 | 1,707 | 1,707 |
| R-squared | 0.05 | 0.05 | 0.04 | 0.04 |
| Mean in Grad w/o IPT | 0 | 20.12 | 5.210 | 4.110 |
| SD in Grad w/o IPT | 1 | 7.600 | 4.450 | 3.940 |
| Panel B: Hosts |  |  |  |  |
| IPT addition | 0.11** | 1.01** | 0.45** | 0.21 |
|  | (0.05) | (0.42) | (0.22) | (0.20) |
| Observations | 1,265 | 1,265 | 1,265 | 1,265 |
| R-squared | 0.06 | 0.06 | 0.06 | 0.05 |
| Mean in Grad w/o IPT | 0 | 20.12 | 5.210 | 4.110 |
| SD in Grad w/o IPT | 1 | 7.600 | 4.450 | 3.940 |

Notes: The Psychological Distress index is a z-score index of three components (K10, PHQ-9, and GAD-7), standardized to a mean of 0 and standard deviation of 1 in the control group. The lower the index value, the better the mental health of the participant. All regression controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the $10 \%$ level; ** at the 5\% level; and ${ }^{* * *}$ at the $1 \%$ level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization (treatment vs. control villages) and household level randomization (within treatment villages).

Table 6 shows that the group therapy activity had no impact on participants' composite mental healthrelated quality of life index.

Table 6. Quality of life in the past 30 days

|  | (1) HealthRelated Quality of Life Index (Z-Score) | (2) Number of Healthy Days | (3) Average Subjective Mental and Physical Health Rating (1-4) | (4) Number of Days of Good Functioning (0-30) |
| :---: | :---: | :---: | :---: | :---: |
| Panel A: Refugees |  |  |  |  |
| IPT addition | 0.01 | 0.16 | -0.00 | 0.19 |
|  | (0.05) | (0.45) | (0.03) | (0.29) |
| Observations | 1,707 | 1,742 | 1,707 | 1,707 |
| R-squared | 0.04 | 0.04 | 0.03 | 0.04 |
| Mean in Grad w/o IPT | 0 | 21.53 | 2.990 | 26.65 |
| SD in Grad w/o IPT | 1 | 9.280 | 0.680 | 5.960 |
| Panel B: Hosts |  |  |  |  |
| IPT addition | -0.03 | 0.33 | -0.07* | -0.08 |
|  | (0.06) | (0.51) | (0.04) | (0.35) |
| Observations | 1,265 | 1,296 | 1,265 | 1,265 |
| R-squared | 0.07 | 0.06 | 0.07 | 0.05 |
| Mean in Grad w/o IPT | 0 | 21.53 | 2.990 | 26.65 |
| SD in Grad w/o IPT | 1 | 9.280 | 0.680 | 5.960 |

Notes: The Health-Related Quality of Life index is a $z$-score index of three components (number of healthy days, average of subjective mental and physical health rating, and days of good functioning), standardized to a mean of 0 and standard deviation of 1 in the control group. For this index and the three subcomponents, the higher the index value, the better the health of the participant. The number of days of good functioning corresponds to the number of days where the respondent did not experience health issues that prevented normal activities. All regression controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the $10 \%$ level; ** at the $5 \%$ level; and *** at the $1 \%$ level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization (treatment vs. control villages) and household level randomization (within treatment villages).

### 4.4 Primary Economic Outcomes

A breakdown of the economic activity index into its components-see Table 7-shows that the decrease in the index in the host community (Panel $B$ ) is driven by a decrease in investment in income-generating activities. We observe no meaningful impacts on labor supply or economic expansion intentions.

Tables 8 through 10 breakdown all three components of the aggregate index. Table 9, column 2, shows that among host community households, the addition of group therapy decreased total investment over the past 4 months by about UGX 53,000 or about 7\% relative to the average among households not assigned to group therapy. This decrease is not concentrated on a particular type of livelihood but, instead, appears spread across farming, livestock, and off-farm businesses (columns 3, 4, 5).

Table 7. Economic activity index

|  | (1) Economic Activity Index (Z-Score) | (2) Labor Supply Index (Z-Score) | (3) Fifth Root of Total Investment | (4) Economic Expansion Index (0-4) |
| :---: | :---: | :---: | :---: | :---: |
| Panel A: Refugees |  |  |  |  |
| IPT addition | -0.01 | -0.04 | 0.08 | -0.02 |
|  | (0.05) | (0.05) | (0.15) | (0.05) |
| Observations | 1,726 | 1,742 | 1,742 | 1,726 |
| R-squared | 0.06 | 0.06 | 0.09 | 0.01 |
| Mean in Grad w/o IPT | 0 | 0 | 13.62 | 2.930 |
| SD in Grad w/o IPT | 1 | 1 | 3.380 | 1 |
| Panel B: Hosts |  |  |  |  |
| IPT addition | -0.12** | -0.03 | -0.49** | -0.06 |
|  | (0.06) | (0.05) | (0.20) | (0.05) |
| Observations | 1,288 | 1,296 | 1,296 | 1,288 |
| R-squared | 0.12 | 0.08 | 0.15 | 0.08 |
| Mean in Grad w/o IPT | 0 | 0 | 13.62 | 2.930 |
| SD in Grad w/o IPT | 1 | 1 | 3.380 | 1 |

Notes: The Economic Activity index is a z-score index of three components (labor supply index, 5th root of total investment, economic expansion index), standardized to a mean of 0 and standard deviation of 1 in the control group. For this index and the three subcomponents, a higher index value indicates a greater degree of economic activity (both time and money) that the participant is engaged in. All regression controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the $10 \%$ level; ** at the $5 \%$ level; and ${ }^{* * *}$ at the $1 \%$ level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization (treatment vs. control villages) and household level randomization (within treatment villages).

Table 8. Labor supply

|  | (1) Labor supply index (z-score) | (2) \# of <br> Days in <br> Last 30 <br> Days <br> Spent on <br> Farm | (3) \# of <br> Days in <br> Last 30 <br> Days <br> Spent on <br> Livestock | (4) \# of <br> Days in <br> Last 30 <br> Days <br> Spent on <br> Non- <br> Farm <br> Business | (5) Hours <br> in Past 7 <br> Days <br> Spent on <br> Farm | (6) Hours <br> in Past 7 <br> Days <br> Spent on <br> Livestock | (7) Hours <br> Days <br> Spent on NonFarm <br> Busines |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |


| Panel A: Refugees |  |  |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| IPT addition | -0.04 | -0.42 | 0.05 | -0.82 | -0.13 | -0.37 | -0.26 |  |
|  | $(0.05)$ | $(0.52)$ | $(0.71)$ | $(0.58)$ | $(0.90)$ | $(0.82)$ | $(0.94)$ |  |
| Observations | 1,742 | 1,742 | 1,742 | 1,742 | 1,742 | 1,742 | 1,742 |  |
| R-squared | 0.06 | 0.02 | 0.02 | 0.09 | 0.03 | 0.02 | 0.04 |  |
| Mean in Grad w/o <br> IPT | 0 | 14.41 | 21.10 | 7.290 | 20.45 | 12.70 | 10.03 |  |
| SD in Grad w/o IPT | 1 | 10.12 | 14.36 | 12.11 | 16.89 | 16.63 | 20.98 |  |
| Panel B: Hosts |  |  |  |  |  |  |  |  |
| IPT addition | -0.03 | 0.53 | -1.13 | -0.48 | 0.92 | -0.26 | -1.18 |  |
|  | $(0.05)$ | $0.54)$ | $(0.80)$ | $(0.61)$ | $(0.88)$ | $(0.89)$ | $(1.16)$ |  |
| Observations | 1,296 | 1,296 | 1,296 | 1,296 | 1,296 | 1,296 | 1,296 |  |
| R-squared | 0.08 | 0.06 | 0.04 | 0.11 | 0.06 | 0.05 | 0.12 |  |
| Mean in Grad w/o <br> IPT | 0 | 14.41 | 21.10 | 7.290 | 20.45 | 12.70 | 10.03 |  |
| SD in Grad w/o IPT | 1 | 10.12 | 14.36 | 12.11 | 16.89 | 16.63 | 20.98 |  |

Notes: The Labor supply index is a z-score index of three components (time spent on farm, non-farm business, and livestock), standardized to a mean of 0 and standard deviation of 1 in the control group. All regression controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the 10\% level; ** at the 5\% level; and *** at the $1 \%$ level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization (treatment vs. control villages) and household level randomization (within treatment villages).

Table 9. Investment in the past 4 months

|  | (1) Fifth Root of Total Investment | (2) Total Investment (UGX) | (3) Farm Investment (UGX) | (4) Livestock Investment (UGX) | (5) Non-Farm <br> Business Investment (UGX) |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Panel A: Refugees |  |  |  |  |  |
| IPT addition | 0.08 | 22,715.94 | -5,966.99 | 12,119.53 | 24,250.32 |
|  | (0.15) | $(35,119.87)$ | $(12,083.92)$ | $(21,450.74)$ | $(24,785.20)$ |
| Observations | 1,742 | 1,742 | 1,729 | 1,742 | 1,512 |
| R-squared | 0.09 | 0.07 | 0.02 | 0.04 | 0.05 |
| Mean in Grad w/o IPT | 13.62 | 732,473 | 224,572 | 306,090 | 233,920 |
| SD in Grad w/o IPT | 3.380 | 759,440 | 257,413 | 481,463 | 498,919 |
| Panel B: Hosts |  |  |  |  |  |
| IPT addition | -0.49** | -52,761.97 | -18,853.77 | -21,356.12 | -15,328.26 |
|  | (0.20) | $(45,554.50)$ | $(14,672.54)$ | $(28,232.90)$ | $(38,092.89)$ |
| Observations | 1,296 | 1,296 | 1,292 | 1,296 | 1,102 |
| R-squared | 0.15 | 0.14 | 0.08 | 0.09 | 0.09 |
| Mean in Grad w/o IPT | 13.62 | 732,473 | 224,572 | 306,090 | 233,920 |
| SD in Grad w/o IPT | 3.380 | 759,440 | 257,413 | 481,463 | 498,919 |

Notes: All regression controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the $10 \%$ level; ** at the $5 \%$ level; and *** at the $1 \%$ level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization (treatment vs. control villages) and household level randomization (within treatment villages).

Table 10. Index of economic expansion intentions over the next 12 months

|  | (1) Economic <br> Expansion <br> Index (0-4) | (2) Plans to <br> Expand Farm | (3) Plans to <br> Buy New Land | (4) Plans to <br> Expand <br> Livestock | (5) Plans to <br> Expand or Start <br> a New Non- <br> Farm Business |
| :---: | :---: | :---: | :---: | :---: | :---: |

## Panel A: Refugees

| IPT addition | -0.02 | -0.00 | -0.01 | -0.01 | 0.00 |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $(0.05)$ | $(0.02)$ | $(0.02)$ | $(0.02)$ | $(0.02)$ |  |  |
| Observations | 1,726 | 1,726 | 1,742 | 1,742 | 1,742 |  |  |
| R-squared | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 |  |  |
| Mean in Grad w/o <br> IPT | 2.930 | 0.780 | 0.640 | 0.870 | 0.640 |  |  |
| SD in Grad w/o IPT | 1 | 0.410 | 0.480 | 0.340 | 0.480 |  |  |
| Panel B: Hosts |  |  |  |  |  |  |  |
| IPT addition | -0.06 | -0.01 | -0.04 | -0.02 | 0.01 |  |  |
|  | $(0.05)$ | $(0.02)$ | $(0.03)$ | $(0.02)$ | $(0.03)$ |  |  |
| Observations | 1,288 | 1,288 | 1,296 | 1,296 | 1,296 |  |  |
| R-squared | 0.08 | 0.05 | 0.06 | 0.06 | 0.05 |  |  |
| Mean in Grad w/o <br> IPT | 2.930 | 0.780 | 0.640 | 0.870 | 0.640 |  |  |
| SD in Grad w/o IPT | 1 | 0.410 | 0.480 | 0.340 | 0.480 |  |  |

Notes: The Economic expansion index is a z-score of 4 components: Plan to buy land in the next 12 months, plans to invest more in livestock in the next 12 months; plans to invest more in farming in the next 12 months; plans to invest more in business OR start a new business in next 12 months, a higher index value indicates a greater degree of economic activity (both time and money) that the participant is engaged in. All regression controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the 10\% level; ** at the 5\% level; and *** at the 1\% level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization (treatment vs. control villages) and household level randomization (within treatment villages).

## 5. CONCLUSION

We find that incorporating group therapy into this graduation program negatively impacted mental health and some economic outcomes in the host community and had no effect on the refugee communities. This was measured a few months after the end of group therapy. We do not necessarily take these findings to mean that mental health therapies cannot improve the effectiveness of graduation programs. On the contrary, this data shows that economic activity is significantly associated with psychological distress and that the negative impacts on mental health were mirrored by negative impacts on economic outcomes. Instead, we interpret these results to suggest that either group therapy or the implementation of the group therapy was not effective in this context.

Future studies should assess implementations of group therapy that are more in line with the gold standard guidelines, notably, only treating people who are at risk of depression rather than mixing those who have high and low mental distress; having a stronger selection, training, and supervision for the lay health workers; and having a greater focus on lay health worker-led counseling than peer-led counseling. In addition, future studies may assess alternative therapies, such as cognitive behavioral therapy. Finally, in any such studies special attention should be paid to avoid labeling participants with their experiences of mental distress in group settings, which may cause stigma.

To maximize learnings from this study, we are still investigating the mechanisms through which this intervention may have negatively impacted participants in the host community and why refugees were not affected. Here are some of our hypotheses:

- Deviation of the IPT intervention from the standard WHO IPT model: The effect could have been caused by the absence of professional health workers and the peer-led nature of the IPT model implemented. The IPT model implemented in this RFSA differs from the standard WHO model. It is a peer-led model where group members are invited to provide advice to one another on problems shared. Their advice was not always aligned with WHO recommendations. In a survey conducted with coaches and CBTs, we noted common group strategies such as "Be respectful to your husband" and "Pray." It was reported that the coaches' and CBTs' role is also to moderate advice from the group. However, some of the advice provided by coaches and CBTs seems not to have been aligned with WHO recommendations. Those elements, based on a qualitative survey conducted with coaches and CBTs, may have weakened the effect of IPT.
- The stigma of the depressed in the mixed depressed / non-depressed groups: IPT usually targets depressed people. Here, non-depressed people were included in the IPT intervention. This may have led to stigma and increased depression relative to households assigned to the Graduating to Resilience activity without group therapy. We observed negative effects on social wellbeing and status, particularly for the more depressed. We have anecdotal evidence of breaches of confidentiality-group participants going back to their communities and sharing stories with non-participants-from discussions with coaches and CBTs.
- Psychoeducation and self-awareness: Another possible explanation could be that refugees know more about mental health than hosts due to the preponderance of mental health organizations in the settlement. However, we also observe negative effects on other domains that would be consistent with negative effects on mental health, including social wellbeing and optimism, and on economic domains. If this self-awareness effect is a possible reason, as AVSI suggests, these observed negative effects should disappear by the endline.
- Location in the distress distribution: One possible explanation for the difference between refugees and hosts could have been that refugees were psychologically worse off, whereas the Hosts had more room to change. However, we found the negative effect was higher among participants who had higher distress at baseline, so this explanation is unlikely.
- Critical Incident Stress Debriefing: part of group therapy includes debriefing trauma. When it happens too soon, it can create more distress. However, according to K6 scores at baseline and during this follow-up survey, psychological distress was the same or higher among refugees than hosts-as shown in Annex A Figure 2, ${ }^{19}$ so this explanation is unlikely.

[^8]
## 6. NEXT STEPS

IMPEL will conduct a final evaluation survey in 2024, approximately 30 months after the beginning of the Cohort 2 Graduating to Resilience activity. IPA is conducting a survey with coaches that administered group therapy sessions to understand the results better.

## ANNEX A: ADDITIONAL TABLE AND FIGURES

Table 11. Key outcomes for participants by psych. distress at baseline in the host community

|  | (1) Psychological Distress Index (Higher = Worse) | (2) Health-Related Quality of Life index (Higher = Better) | (3) Economic Activity Index (Z-Score) |
| :---: | :---: | :---: | :---: |
| Panel A: Low psych. distress at baseline |  |  |  |
| IPT addition | 0.01 | -0.32 | 0.02 |
|  | (0.06) | (0.72) | (0.08) |
| Observations | 625 | 634 | 629 |
| R-squared | 0.15 | 0.13 | 0.16 |
| Mean in Grad w/o IPT | -0.16 | 22.69 | 0.020 |
| SD in Grad w/o IPT | 0.93 | 8.58 | 0.98 |
| Panel B: High psych. distress |  |  |  |
| IPT addition | 0.18** | 1.30* | $-0.23 * * *$ |
|  | (0.08) | (0.72) | (0.08) |
| Observations | 620 | 636 | 633 |
| R-squared | 0.11 | 0.13 | 0.18 |
| Mean in Grad w/o IPT | 0.17 | 20.43 | -0.02 |
| SD in Grad w/o IPT | 1.05 | 9.71 | 1.02 |

Notes: The Psychological distress index is a $z$-score index of three components (K10, PHQ-9, and GAD-7), standardized to a mean of 0 and standard deviation of 1 in the control group. The lower the index value, the better the mental health of the participant. The Health-Related Quality of Life index is a z-score index of three components (number of healthy days, average of subjective mental and physical health rating, and days of good functioning), standardized to a mean of 0 and standard deviation of 1 in the control group. For this index and the three subcomponents, the higher the index value, the better the health of the participant. The number of days of good functioning corresponds to the number of days where the respondent did not experience health issues that prevented normal activities. The Economic Activity index is a $z$-score index of three components (labor supply index, 5th root of total investment, economic expansion index), standardized to a mean of 0 and standard deviation of 1 in the control group. For this index and the three subcomponents, a higher index value indicates a greater degree of economic activity (both time and money) that the participant is engaged in. A $z$-score is a unitless measure of a variable of interest. It is constructed by subtracting the mean and dividing it by the standard deviation. This centers the $z$-score at the variable mean and converts the units of the variable (e.g., Ugandan shillings) into standard deviations, allowing for aggregation of outcomes with disparate units. All regressions controlled for household characteristics such as household head gender, education, household size, community wealth ranking at baseline, and whether the household was a Cohort 1 holdout control. * denotes statistical significance at the $10 \%$ level; ${ }^{* *}$ at the $5 \%$ level; and ${ }^{* * *}$ at the $1 \%$ level. The standard errors are based on a bootstrap procedure with 1,000 iterations that mimics the two-stage random assignment process, which involves both village cluster level randomization.

Figure 1. Binscatter plot of Economic Activity Index against Psychological Distress Index


Figure 2. Kessler Psychological Distress Scale 6 trendlines over time


## ANNEX B: COACHING AND IPT SESSIONS CURRICULUM

Table 12. Coaching and IPT sessions curriculum (IPT modules marked with an asterisk)

|  | Content | Duration (Minutes) | Number of Sessions | Group or HH | Dates |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Household Baseline survey | 120 | 1 | Group | January |
| 2 | Pre-coaching - Introduction | 240 | 2 | Group | February |
| 3 | Topic 1: Developing a Coaching agreement and pre-coaching messages on conflict management and negotiation, digital literacy, alcohol, and drug abuse | 60 | 1 | HH | February: week 1-2 March: Week 3-4 |
| 4 | Topic 7: Training, Data collection, Graduation Map and Self-Reflection Tool Update | 90 | 1 | Group | March: Week 5 and Week 6 |
| 5 | Topic 3: Exploring and Sharing Household Responsibilities, Training on Family MUAC and G-IPT pre-group* | 90 | 1 | Group | April: Week 7 |
| 6 | Topic 3: Basics of Gender and Problem Treatment session 3* | 150 | 1 | Group | April: Week 8 |
| 7 | Topic 4: Discovering Reality and Problem Treatment session 4 and 5* | 300 | 2 | Group | April: Week 9-10 |
| 8 | Topic 5: Introduction to the Self-Reflection Tool and Problem Treatment session 6* | 150 | 1 | Group | May: Week 11 |
| 9 | Topic 6: Setting SMART Goals and G-IPT Termination Session 7 and 8* | 300 | 2 | Group | May: Week 12 and Week 13 |
| 10 | Topic 8: Exploring Household Opportunities | 90 | 1 | Group | May: Week 14 |
| 11 | Topic 9: Conflict management and negotiation | 60 | 1 | HH | June: Week 15 |
| 12 | Topic 10: Action Planning | 90 | 1 | Group | June: Week 16 |
| 13 | Topic 7: Training, Data collection, Graduation Map and Self-Reflection Tool Update | 90 | 1 | Group | June: Week 17 |
| 14 | Topic 7: Training, Data collection, Graduation Map and Self-Reflection Tool Update | 90 | 1 | Group | June: Week 18 |
| 15 | Topic 9: Conflict Management and Negotiation | 60 | 1 | HH | July: Week 19 |
| 16 | Topic 11: Savings | 90 | 1 | Group | July: Week 20 |
| 17 | Topic 9: Conflict Management and Negotiation | 60 | 1 | HH | July: Week 21 |
| 18 | Topic 12: Basics of Food and Nutrition | 90 |  | Group | July: Week 22 |


|  | Content | Duration (Minutes) | Number of Sessions | Group or HH | Dates |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 19 | Topic 9: Conflict Management and Negotiation | 60 | 1 | HH | Aug.: Week 23 |
| 20 | Topic 13: Nutrition | 90 | 1 | Group | Aug.: Week 24 |
| 21 | Household catch up-Struggling households | 60 | 1 | HH | Aug.: Week 25 |
| 22 | Market event | 240 | 1 | HH | Sep.: Week 26 |
| 23 | Training and Data collection and Graduation Map Update | 90 | 1 | Group | Sep.: Week 27 |
| 24 | Data collection and graduation map update | 90 | 1 | Group | Sep.: Week 28 |
| 25 | Data collection and graduation map update | 90 | 1 | Group | Oct.: Week 29 |
| 26 | Topic 14: Business plan Review | 90 | 1 | Group | Oct.: Week 30 |
| 27 | Topic 15: Water, Sanitation and Hygiene (WASH) | 60 | 1 | HH | Oct.: Week 31 |
| 25 | Topic 16: Meal Planning | 90 | 1 | Group | Oct.: Week 32 |
| 26 | Topic 15: Water, Sanitation and Hygiene (WASH) | 60 | 1 | HH | Nov.: Week 33 |
| 27 | Topic 17: Cooking Demonstration | 90 | 1 | Group | Nov.: Week 34 |
| 28 | Topic 15: Water, Sanitation and Hygiene (WASH) | 60 | 1 | HH | Nov.: Week 35 |
| 29 | Topic 18: Malnutrition | 90 | 1 | Group | Nov.: Week 36 |
| 30 | Topic 15: Water, Sanitation and Hygiene (WASH) | 60 | 1 | HH | Dec.: Week 37 |
| 31 | Household catch up-Struggling households | 60 | 1 | HH | Dec.: Week 38 |
| 32 | Topic 7: Training, Data collection, Graduation Map and Self-Reflection Tool Update | 90 | 1 | Group | Jan.: Week 39 |
| 33 | Topic 7: Training, Data collection, Graduation Map and Self-Reflection Tool Update | 90 | 1 | Group | Jan.: Week 40 |
| 34 | Topic 19: Infant and Young Child Feeding Breast Feeding | 90 | 1 | Group | Jan.: Week 41 |
| 35 | Topic 20: Infant and Young Child Feeding Complementary Feeding | 90 | 1 | Group | Jan.: Week 42 |
| 36 | Topic 21: Preventive Health | 90 | 1 | Group | Feb.23: Week 43 |
| 37 | Repeat of Topics based on needs |  |  | Group \& HH | Feb. 23: Week 44- Week 112 |
| 38 | Topic 22: Pre-Close-Out | 60 | 1 | HH | Jun. 24 |


| Content | Duration <br> (Minutes) | Number of <br> Sessions | Group or <br> HH | Dates |  |
| :--- | :--- | :---: | :---: | :---: | :---: |
| 39 | Topic 23: Close Out | 60 | 1 | HH | Jun.-24: Week <br> $117-120$ |

Note: G-IPT pre-group, Problem Treatment sessions 3, 4, 5, 6, and G-IPT Termination Sessions 7 and 8 are G-IPT modules.

## ANNEX C: SURVEY INSTRUMENT

| Field | Question | Answer |
| :---: | :---: | :---: |
| project | Project Information <br> Name: UGS short follow-up survey |  |
| meta_note | Additional Meta Data Collected <br> - Text Audit <br> - Audio Audits <br> - Percentage of Conversation <br> - Percentage of Quiet Time <br> - Stream of Conversation |  |
| intronote | UGS short follow-up survey <br> January 2023 |  |
| intronote_enum | Welcome to the UGS short follow-up survey <br> Reminder of the codes used in this questionnaire: <br> Don't know: -99 <br> Refuse to answer : -88 <br> Only read out options when instructed to do so |  |
| password | SKIP THIS UNLESS INDICATED OTHERWISE |  |
| teamleaderid (required) | Team leader <br> Question relevant when: \$\{password\} !=9334 | teamleaderid teamleader |
| enumeratorid (required) | Enumerator <br> Question relevant when: \$\{password\} !=9334 | enumeratorid enumerator |
| hhid (required) | Household ID number Question relevant when: \$\{password\} !=9334 |  |
| hhid_confirm (required) | Confirm Household ID: <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . = \$\{hhid\} |  |
| (A) Introduction |  |  |
| confirm_info (required) | (A001) Please confirm that the household you are at is where the following individuals live: <br> [hhmem_fullname_1] and <br> [hhmem_fullname_2] and <br> [hhmem_fullname_3]. <br> It is located in this village: [village]. <br> We have this information about the address: [p_address]. <br> Question relevant when: \$\{password\} !=9334 | $\begin{aligned} & 1 \text { Yes } \\ & 0 \text { No } \end{aligned}$ |
| dateofvisit (required) | (A002) Date of visit Do not read the option answers Question relevant when: \$\{password\} !=9334 |  |
| confirm_resp | (A003) In 2021, we came to your household to administer a survey. We would like to talk to the head of household, , and to . |  |
| confirm_hhead_present (required) | (A003a) Is [p_hhead_fullname] available? Question relevant when: \$\{password\} !=9334 | 1 Yes |
| confirm_targetresp_present (required) | (A003b) Is [p_targetresp_fullname] available? <br> Question relevant when: \$\{password\} !=9334 | $\begin{aligned} & 1 \text { Yes } \\ & 0 \text { No } \end{aligned}$ |
| (A) Introduction > Unavailable <br> Group relevant when: \$\{confirm_targetresp_present\} =0 |  |  |
| respavailable (required) | (A004) Why is [p_targetresp_fullname] not available? Do not read the option answers Question relevant when: \$\{password\} !=9334 | 1 Respondent is a minor <br> 2 Respondent is not available today, but will be available some other time |
|  |  | 3 Household is not known in the village |
|  |  | 4 Household moved elsewhere |
|  | t | 5 Respondent is away for more than one week $33$ |


| Field | Question | Answer |
| :---: | :---: | :---: |
| project | Project Information <br> Name: UGS short follow-up survey |  |
| meta_note | Additional Meta Data Collected <br> - Text Audit <br> - Audio Audits <br> - Percentage of Conversation <br> - Percentage of Quiet Time <br> - Stream of Conversation |  |
| intronote | UGS short follow-up survey <br> January 2023 |  |
| intronote_enum | Welcome to the UGS short follow-up survey <br> Reminder of the codes used in this questionnaire: <br> Don't know: -99 <br> Refuse to answer : -88 <br> Only read out options when instructed to do so |  |
| password | SKIP THIS UNLESS INDICATED OTHERWISE |  |
| teamleaderid (required) | Team leader <br> Question relevant when: \$\{password\} !=9334 | teamleaderid teamleader |
| enumeratorid (required) | Enumerator <br> Question relevant when: \$\{password\} !=9334 | enumeratorid enumerator |
| hhid (required) | Household ID number <br> Question relevant when: \$\{password\} !=9334 |  |
| hhid_confirm (required) | Confirm Household ID: <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .= \$\{hhid\} |  |
| (A) Introduction |  |  |
| confirm_info (required) | (A001) Please confirm that the household you are at is where the following individuals live: <br> [hhmem_fullname_1] and <br> [hhmem_fullname_2] and <br> [hhmem_fullname_3]. <br> It is located in this village: [village]. <br> We have this information about the address: [p_address]. <br> Question relevant when: \$\{password\} !=9334 | $\begin{aligned} & 1 \text { Yes } \\ & 0 \text { No } \end{aligned}$ |
| dateofvisit (required) | (A002) Date of visit <br> Do not read the option answers <br> Question relevant when: \$\{password\} !=9334 |  |
| confirm_resp | (A003) In 2021, we came to your household to administer a survey. We would like to talk to the head of household, , and to . |  |
| confirm_hhead_present (required) | (A003a) Is [p_hhead_fullname] available? <br> Question relevant when: \$\{password\} !=9334 | $\begin{aligned} & 1 \text { Yes } \\ & 0 \text { No } \end{aligned}$ |
| confirm_targetresp_present (required) | (A003b) Is [p_targetresp_fullname] available? <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ | $\begin{aligned} & 1 \text { Yes } \\ & 0 \text { No } \end{aligned}$ |
| (A) Introduction > Unavailable <br> Group relevant when: \$\{confirm_targetresp_present\} $=0$ |  |  |
| respavailable (required) | (A004) Why is [p_targetresp_fullname] not available? Do not read the option answers Question relevant when: \$\{password\} !=9334 | 1 Respondent is a minor <br> 2 Respondent is not available today, but will be available some other time |
|  |  | 3 Household is not known in the village |
|  |  | 4 Household moved elsewhere |
|  | ht | 5 Respondent is away for more than one week $33$ |


| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
|  |  | 6 | The respondent is not capable of participating in the survey (drunk, too ill, etc...) |
|  |  | 7 | The respondent speaks a language that I cannot speak |
|  |  | 8 | Ineligible |
|  |  | -66 | Other |
| respunavailable (required) | (A005) Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |  |
| contactsup | (A006) [ENUMERATOR] Please contact your supervisor <br> Question relevant when: $\$\{$ respunavailable $\}=1$ and $\$\{$ respunavailable $\}=3$ and \$\{respunavailable $\}=6$ |  |  |
| reschedule | (A007) [ENUMERATOR] Please reschedule an interview with [p_targetresp_fullname] Question relevant when: \$\{respunavailable\} $=2$ |  |  |
| (A) Introduction > Unavailable > tracking |  |  |  |
| trackinginfo | (A008) Could you please give us information to help us find this person? |  |  |
| country (required) | Country <br> Question relevant when: \$\{password\} !=9334 |  |  |
| region (required) | Region <br> Question relevant when: \$\{password\} !=9334 |  |  |
| track_county (required) | County <br> Question relevant when: \$\{password\} !=9334 |  |  |
| track_subcounty (required) | Subcounty <br> Question relevant when: \$\{password\} !=9334 |  |  |
| track_parish (required) | Parish <br> Question relevant when: \$\{password\} !=9334 |  |  |
| town (required) | Town <br> Question relevant when: \$\{password\} !=9334 |  |  |
| phonenumber1 (required) | Phonenumber1 <br> A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: regex(., '([0-9]\{10\})') or . $=-99$ or.$=-88$ or.$=-55$ |  |  |
| phonenumber2 (required) | Phonenumber2 <br> A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: regex(., '([0-9]\{10\})') or . $=-99$ or.$=-88$ or.$=-55$ |  |  |
| (A) Introduction > Available <br> Group relevant when: $\$\{$ confirm_hhead_present\} $=1$ or $\$\{$ confirm_targetresp_present\} =1 |  |  |  |
| consent_read | [ENUMERATOR] Read the information \& consent form fully. |  |  |
| consent | (Consent1) Introduction: Hello, my name is [enumerator]. I am working for Innovations for Poverty Action - a non-profit development research organization based in the US and Uganda. We contacted you in November or December 2021 to ask you questions about your household and your current situation. We are now contacting you again to follow up about your household's livelihood and wellbeing to better understand the welfare of people like yourself over time. This study covers approximately 9,000 households like yours in the Kamwenge area. This project is funded by the USAID. <br> Invitation to participate: |  |  |

We would like to invite you to participate in this survey. If you agree to participate, I will ask you questions about your household, for example your income sources and your wellbeing. Your participation is completely voluntary. You can refuse to answer the entire survey, stop the survey at any time by informing me that you wish to do so, or can tell us when a question makes you uncomfortable and we will skip that question.

The survey will take approximately 90 minutes to answer. All identifying information will be encrypted and will not be made public. Only the members of the research team will have access to them.

As part of the study we may use information about you that we receive from other organizations and combine it with the data we collect today.

We would also like to use the tablet computer to record our current location and make audio recordings of your answers. This information will help us collect accurate information and may also be used to take into account respondents' cultural backgrounds and other information that can tell us more about how someone is doing. As with all information we collect, it will be used for research purposes only. The recordings are voluntary and are not a requirement of participation in this survey. We will not record them against your will, and you will be asked to confirm if you agree at the beginning of the survey.

Risks: As with all research, there is a chance that confidentiality could be compromised; however, we are taking precautions to minimize this risk. Your participation in this study will be confidential and the answers you provide will be stored securely in electronic form. Your name and any other identifying information will only be accessible to the affiliated researchers and will never appear in any sort of report that might be published or shared with organizations who may be interested in the results. There are no other anticipated risks from your participation in the study. This study has been approved by the accredited Ugandan based Research Ethics Committee MUREC.

Benefits: You will receive a bar of soap as a token of appreciation for your participation. Apart from that, you will not receive any program or services just by participating in this study. However, the information you provide will be very valuable in understanding more about the people in this area.

Withdrawal: You may withdraw from this study or skip any question at any time and without any explanation. There will be no consequences for deciding to withdraw or skip a question. You can use the contacts that we have provided you with to inform the research team that you would like to withdraw after the interview. There are no circumstances under which the research team will withdraw you from this study against your wishes.

Questions \& Concerns: Please ask us anything you want to know about this project now or later. If you have questions in the future regarding the research, please contact one of the members of our team: Andrew Chemonges, Field Manager at IPA Uganda, Tel: 0775 549282. If you have questions about your rights as a research subject or regarding any damage attributable to the research and wish to discuss this with someone not involved in the study, you may contact the Mildmay Uganda Research Ethics Committee (MUREC) at 0392174236 or the Uganda National Council of Sciences and Technology (UNCST) at 0414705500.

Sponsor: This research is funded by the United States Agency for International Development Office of Food for Peace, which aims to reduce hunger and malnutrition.

Have you understood everything, and do you agree to participate in this survey? You can take 15 minutes to decide.
consent_understand
(Consent2) [ENUMERATOR] Make sure that the respondent fully understands the information form before agreeing to sign the consent.
consentsurvey (required)
consentaudio (required)
(Consent4) Have you understood everything, and do you agree to participate in this survey? Do not read the option answers

Question relevant when: \$\{password\} !=9334

| (Consent5) Do you consent to a possible audio recording? | 1 Yes |
| :--- | :--- | :--- |

Question relevant when: $\$\{$ consentsurvey\} $=1$

| 1 | Yes |
| :--- | :--- |
| 0 | No |
|  |  |
| 1 | Yes |
| 0 | No |


| Field | Question | Answer |
| :---: | :---: | :---: |
| consentgps (required) | (Consent6) Do you consent to have your current GPS location recorded? | 1 Yes |
|  | Question relevant when: $\$\{$ consentsurvey\} =1 | 0 No |
| signaturerespondentdnote | (Consent7) Enumerator: If the respondent consents to participate, please give them the conse form and have them sign on the consent form <br> Question relevant when: \$\{consentsurvey\} > 0 |  |
| consent_who (required) | (consent8) [ENUMERATOR] Who consented? | 1 Head of household: ... |
|  | Question relevant when: $\$\{$ consentsurvey\} $=1$ | 2 Target respondent: ... |
|  |  | -66 Other, specify |
| consent_who_osp (required) | Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |
| statusrespondent (required) | (consent9) Survey status for respondent if no consent: | 1 Everyone in household refused |
|  | Question relevant when: \$\{password\} !=9334 | 2 Target person migrated out of survey area (TO BE CLARIFIED) |
|  |  | 3 Target household not identified/found |
|  |  | 4 No one in household available for whole survey period |
| statusrespondent_expl (required) | For all reasons, give an explanation: <br> Question relevant when: \$\{password\} !=9334 |  |
| (A) Introduction > Available > Contact information Group relevant when: $\$$ \{consentsurvey\} >0 |  |  |
| contact_intro | (A009) I would like to begin the survey by asking or confirming the contacts we have for your household |  |
| tel1 (required) | (A013) Please confirm the (first) telephone number of the head of household, <br> [p_hhead_fullname]. <br> Enter -99 if respondent cannot remember. Enter-55 if no telephone number. A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: regex(., '[0-9\}\{10\}') or . $=-99$ or.$=-88$ or.$=-55$ |  |
| tel1b (required) | (A014) Please confirm the (second) telephone number of the head of household, <br> [p_hhead_fullname]. <br> Enter -99 if respondent cannot remember. Enter-55 if no telephone number. A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: regex(.,'[0-9] $[10\}^{\prime}$ ') or.$=-99$ or.$=-88$ or.$=-55$ |  |
| tel1c (required) | (A015) What is the first telephone number of [p_targetresp_fullname]? <br> Enter -99 if respondent cannot remember. Enter-55 if no telephone number. A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ <br> Response constrained to: regex(.,'[0-9] 10$\}^{\prime}$ ') or.$=-99$ or.$=-88$ or.$=-55$ |  |
| tel1d (required) | (A016) What is the second telephone number of [p_targetresp_fullname]? <br> Enter -99 if respondent cannot remember. Enter-55 if no telephone number. A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: regex(.,' $[0-9]\{10\}$ ') or.$=-99$ or.$=-88$ or.$=-55$ |  |
| tel2_has (required) | (A017) Is there someone else in the household with a telephone number? <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |
|  |  | 0 No |
| tel2 (required) | (A018) What is the telephone number of someone else in the household? <br> Enter -99 if respondent cannot remember. Enter-55 if no telephone number. A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ <br> Response constrained to: regex(.,'[0-9]\{10\}') or.$=-99$ or.$=-88$ or.$=-55$ |  |
| contact1_has (required) | (A019) Is there a person, outside the household, who could help us find you if we cannot find you in the future? <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 1 Yes |
|  |  | 0 No |
|  |  |  |


| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
| contact1 (required) | (A020) Please give the name of the first person, outside the household, who could help us find you if we cannot find you in the future. <br> Question relevant when: \$\{password\} !=9334 |  |  |
| contact1_rel (required) | (A021) What is their relationship to the household head? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . != 1 | relationship_contact_key | relationship_contact_label |
|  |  | -66 | Other |
|  |  |  |  |
| contact1_rel_osp (required) | (A022) Please specify: What is their relationship to the head of household? <br> Question relevant when: \$\{password\} !=9334 |  |  |
| contact1_tel (required) | (A023) What is their telephone number ? <br> Enter -99 if respondent cannot remember. Enter-55 if no telephone number. A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: regex(.,'[0-9]\{10\}') or . $=-99$ or.$=-88$ or.$=-55$ |  |  |
| contact2_has (required) | (A024) Is there a second person that could help us find you in the future? <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |  |
|  |  | 0 No |  |
| contact2 (required) | (A025) Please give the name of a second person, outside the household, who could help us find you if we cannot find you in the future. <br> Question relevant when: \$\{password\} !=9334 |  |  |
| contact2_rel (required) | (A026) What is their relationship to the household head? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . != 1 | relationship_contact_key | relationship_contact_label |
|  |  | -66 | Other |
|  |  |  |  |
| contact2_rel_osp (required) | (A027) Please specify: what is their relationship to the head of household? <br> Question relevant when: \$\{password\} !=9334 |  |  |
| contact2_tel (required) | (A028) What is their telephone number ? <br> Enter -99 if respondent cannot remember. Enter-55 if no telephone number. A telephone number must be 10 digits long and start with 0 . <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: regex(., '[0-9]\{10\}') or.$=-99$ or.$=-88$ or.$=-55$ |  |  |
| address (required) | (A029) Currently, we have this information to help find this dwelling in the future: [p_address]. Please add additional information to help find dwelling in the future <br> Question relevant when: \$\{password\} !=9334 |  |  |
| g_consent |  |  |  |
| Group relevant when: $\$\{$ consentsurvey\} =1 |  |  |  |

[^9]g consent > (I) Part I: household survey > (M3) Section 1: Food Consumption Score (FCS)

## Answer

fcs_intro1
(M300a) Now, I would like to ask you a few questions about your food consumption in the past 7 days.
g_consent > (I) Part I: household survey > (M3) Section 1: Food Consumption Score (FCS) > fcs_gp

| fcs_intro2 | (M300b) Over the past 7 days, how many days has your household consumed the following food groups? |
| :---: | :---: |
| fcs_staples (required) | (M301) Staples: maize, maize porridge, rice, sorghum, millet, pasta, bread, cassava, potatoes/irish, sweet potatoes, plantains, matooke, other tubers, other cereals <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >= 0 and . <= 7) or . $=-88$ or . $=-99$ |
| fcs_pulses (required) | (M302) Pulses: beans, peas, groundnuts, cashew nuts <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >= 0 and.$<=7$ ) or . $=-88$ or . $=-99$ |
| fcs_vegetables (required) | (M303) Vegetables, leaves <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >= 0 and.$<=7$ ) or . $=-88$ or.$=-99$ |
| fcs_fruits (required) | (M304) Fruits <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >=0 and . < = 7) or . $=-88$ or . $=-99$ |
| fcs_meat (required) | (M305) Meat and fish: Beef, goat, poultry, pork, eggs, and fish <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >= 0 and.$<=7$ ) or . $=-88$ or . $=-99$ |
| fcs_milk (required) | (M306) Milk: milk, yoghurt and other dairy products <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >= 0 and . <= 7) or . $=-88$ or . $=-99$ |
| fcs_sugar (required) | (M307) Sugar: Honey and Sugar products, honey <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >=0 and . < = 7) or . $=-88$ or . $=-99$ |
| fcs_oil (required) | (M308) Oil: Fats, butter and oils <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (. >=0 and.$<=7)$ or . $=-88$ or.$=-99$ |


g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Plot size

g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Plot size rented plot
Group relevant when: \$\{ags1_plotrent\} =1
generated_note_name_204 (F123) What is the total size of these plots that you rent?
ags1_plotrent_size1 (required) (F123) Number of unit
Question relevant when: \$\{password\} !=9334
Response constrained to: .>=0 or . $=-88$ or . $=-99$


2 Acre(s)
3 Hectare(s)

## Answer

ags1_plotrent_size2_osp (required)
ags1_plotrent_size2_guess (require

ags1_plotrent_size_flag (required)
(F123) Other unit, specify
Question relevant when: \$\{password\} !=9334

```
4 Ndundee
```

4 Ndundee
-66 Other, specify

```
-66 Other, specify
```

|  |  |
| :--- | :--- |
| ags1_plotrent_size2_osp (required) | (F |
|  |  |

(F123) how many square meters are in an [ags1_plotrent_size2_osp]?
Question relevant when: \$\{password\} !=9334
Response constrained to: .>0 or . $=-88$ or . $=-99$

g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Plot size owned plot

Group relevant when: \$\{ags1_plotown\} =1
generated_note_name_217 (F131) What is the total size of these plots that you own?
ags1_plotown_size1 (required)
(F131) Number of unit
Question relevant when: \$\{password\} !=9334
Response constrained to: .>=0 or . $=-88$ or . $=-99$

| ags1_plotown_size2 (required) | $\begin{array}{l}\text { (F131) Unit } \\ \text { Question relevant when: \$\{password\} !=9334 }\end{array}$ |
| :--- | :--- |

Square meter (m2)
Acre(s)
Hectare(s)
Ndundee
-66 Other, specify
ags1_plotown_size2_osp (required) (F131) Other unit, specify
Question relevant when: \$\{password\} !=9334

1 Yes
0 No

| ags1_plotown_size_flag (required) | (F131B) You said this plot is [ags1_plotown_size1][ags1_plotown_size2_lbl], which represents | 1 | Yes |
| :---: | :---: | :---: | :---: |
|  | [ags1_plotown_size_calc] square meters, are you sure? | 0 | No |




(F145) How much did you spend on [Pesticides] that you used during the September to
December 2022 agricultural season?
in Ush
Question relevant when: \$\{password\} !=9334
Response constrained to: . $>=100$ or.$=-88$ or.$=-99$
g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main
season) > Agricultural Section: September to December 2022 agricultural season > Agricultural inputs (4)
(F143) Did you purchase [Herbicides] during the September to December 2022 agricultural season? [ags1_input_use_hint]

Question relevant when: \$\{password\} !=9334
(F145) How much did you spend on [Herbicides] that you used during the September to
December 2022 agricultural season?
in Ush
Question relevant when: \$\{password\} !=9334
Response constrained to: . $>=100$ or.$=-88$ or.$=-99$

| Field | Question | Answer |
| :---: | :---: | :---: |
| ags1_anyseed_use (required) | (F147) Did you use any seeds or seedling during the September to December 2022 agricultural | 1 Yes |
|  | season? | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| ags1_anyseed_buy (required) | (F148) Did you purchase any seeds or seedling during the September to December 2022 agricultural season? <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |
|  |  | 0 No |
|  |  |  |
| ags1_anyseed_branded (required) | (F149) Some seeds are sold in branded packages or some are sold loose. <br> Were the seeds or seedling you bought during the September to December 2022 agricultural season in a branded package or loose? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: if(selected(., -88) or selected(., -99) or selected(., 0), countselected (.) = 1, count-selected(.) >= 1) | 1 Branded |
|  |  | 2 Loose |
|  |  | -99 Don't Know |
|  |  |  |
|  |  |  |
| ```g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Branded and loose seeds (1) Group relevant when: ${ags1_anyseed_buy} =1``` |  | (Repeated group) |

g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Branded and loose seeds (1) > Branded seeds purchased

Group relevant when: $\$\{$ ags1 seed buy\} $=1$
ags1_seed_buy_value (required) (F152a) How much did you spend on [Branded seeds] that you used during the September to December 2022 agricultural season?

Question relevant when: \$\{password\} !=9334
Response constrained to: .>=100 or . $=-88$ or.$=-99$
crop all id crop all label english
-67
-66

| g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main | (Repeated group) |
| :--- | :--- | :--- |
| season) > Agricultural Section: September to December 2022 agricultural season > Branded and loose seeds (2) |  |
| Group relevant when: $\$\{$ ags1_anyseed_buy\} $=1$ |  |

g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Branded and loose seeds (2) > Loose seeds purchased
Group relevant when: $\$\{$ ags1_seed_buy\} $=1$
ags1_seed_buy_value (required) (F152a) How much did you spend on [Loose seeds] that you used during the September to December 2022 agricultural season?
Question relevant when: \$\{password\} !=9334
Response constrained to: . $>=100$ or.$=-88$ or.$=-99$


| Field | Question | Answer |
| :---: | :---: | :---: |
| g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Mechanization (1) |  | (Repeated group) |
| ags1_mecha_use (required) | (F159) Did you use [Mechanical Plough] during the September to December 2022 agricultural | 1 Yes |
|  | season? | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Mechanization (2) |  | (Repeated group) |
| ags1_mecha_use (required) | (F159) Did you use [Knapsack chemical sprayer] during the September to December 2022 | 1 Yes |
|  | agricultural season? | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Mechanization (3) |  | (Repeated group) |
| ags1_mecha_use (required) | (F159) Did you use [Mechanical water pump] during the September to December 2022 | 1 Yes |
|  | agricultural season? | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Mechanization (4) |  | (Repeated group) |
| ags1_mecha_use (required) | (F159) Did you use [Motorized water pump] during the September to December 2022 | 1 Yes |
|  | agricultural season? | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Mechanization (5) |  | (Repeated group) |
| ags1_mecha_use (required) | (F159) Did you use [Motorized grain mill] during the September to December 2022 agricultural | 1 Yes |
|  | season? | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |

ags1_mecha_use_oth1 (required)
ags1_mecha_use_osp (required)

## Question

(F161) Did you use any other mechanical or motorized agricultural equipment during the September to December 2022 agricultural season?

Question relevant when: \$\{password\} !=9334

## Answer

1 Yes
0 No
(F162) What was this equipment?
Question relevant when: $\$\{$ password\} !=9334
[SEASONAL/ NON-PERMANENT CROPS ONLY] Now, we would like to talk about the crops cultivated by your household during the September to December 2022 agricultural season. We will now talk only about seasonal crops cultivated during the September to December 2022 agricultural season. We will talk about fruit trees such as matooke, avocado, coffee etc. in the next section.

| ags1_anycrops (required) | (F164) Was your household growing any seasonal crop during the September to December 2022 agricultural season? <br> We want to know about all crops planted since September 2022, the beginning of the agricultural season, whether harvested yet or not. <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |  |
| :---: | :---: | :---: | :---: |
|  |  | 0 No |  |
|  |  |  |  |


| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
|  |  |  |  |
|  |  |  |  |
| ags1_anycashcrops (required) | (F165f) Did you sell any seasonal crop during the September to December 2022 agricultural season? <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | $1 \begin{aligned} & 1 \\ & \text { Yes } \\ & 0\end{aligned}$ |  |
| ```g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Crops (1) Group relevant when: ${ags1_anycrops} = 1``` |  | (Repeated group) |  |
| ags1_crop_intro | Now, I am going to talk about [ags1_crop_label] cultivated during the September to December 2022 agricultural season |  |  |
| ags1_harvst_yesno (required) | Did you finish the harvest of [[ags1_crop_label]]? <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 1 Yes |  |
|  |  |  |  |
|  | When did the harvest of [[ags1_crop_label]] end or is expected to end in the September to December 2022 agricultural season? <br> Question relevant when: \$\{password\} !=9334 | 22_11_1 | First half of November 2022 |
| ags1_harvst_enddate (required) |  | 22_11_2 | Second half of November 2022 |
|  |  | 22_12_1 | First half of December 2022 |
|  |  | 22_12_2 | Second half of December 2022 |
|  |  | 23_01_1 | First half of January 2023 |
|  |  | 23_01_2 | Second half of January 2023 |
|  |  | 23_02_1 | First half of February 2023 |
|  |  | 23_02_2 | Second half of February 2023 |
|  |  | 23_03_1 | First half of March 2023 |
|  |  | 23_03_2 | Second half of March 2023 |
|  |  | -66 | Other |
| ags1_harvst_enddate_osp (required) | Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |  |
| g_consent > (I) Part I: household survey > (F1) Section 2: A <br> 2022 agricultural season > Crops (1) > Harvest |  | season) > Agric | cultural Section: September to De |

g_consent > (I) Part I: household survey > (F1) Section 2: Agriculture: September to December 2022 agricultural season (current main season) > Agricultural Section: September to December 2022 agricultural season > Crops (1) > Harvest

Field
generated_note_name_303
ags1_harvst_state (required)

## Question

(F166) How much [[ags1_crop_label]] have you harvested during the September to December 2022 agricultural season?
Question relevant when: \$\{ags1_harvst_yesno\} =1
(F166b) How much [[ags1_crop_label]] do you expect to have harvested when you finish the harvest during the September to December 2022 agricultural season?

Question relevant when: \$\{ags1_harvst_yesno\} =0
(F167) Number of unit of [ags1_crop_label] harvested
Question relevant when: \$\{password\} !=9334
(F168) Unit of [ags1_crop_label] harvested
Question relevant when: \$\{password\} !=9334
Response constrained to: if( \$\{ags1_harvst_qty\} =0, .=0, .) and if(\$\{ags1_harvst_qty\} !=0,
.!=0, .)
(F169) State or condition of unit of [ags1_crop_label] harvested Question relevant when: \$\{password\} !=9334
Response constrained to: if( \$\{ags1_harvst_qty\} $=0, .=0$, .) and if( \$\{ags1_harvst_qty\} ! =0, .! =0, .)
(F170) Unit of [ags1_crop_label] harvested.
(if unit was not in the preloaded list)
Question relevant when: \$\{password\} !=9334
Response constrained to: if( \$\{ags1_harvst_qty\} =0, . $=0$, .) and if(\$\{ags1_harvst_qty\} !=0, .! $=0$, .)


Other unit for [[ags1_crop_label]], specify

[^10]
## Answer

$\qquad$


| 1 K | Kilogram (KG) |
| :---: | :---: |
| crop_unit_id cr | crop_unit_name |
| 0 N | None (quantity = 0) |
| -66 O | Other |
| crop_state_id | crop_state_name |
| -55 | N/A (only if there are no other choices) |
| 0 | None (quantity = 0) |
| crop_unit2_key | y crop_unit2_label |
| -66 | Other |
| 0 | None (quantity = 0) |

ags1_crpsale_yes (required)
ags1_grp_targetresp (required)
(F171) Could you please give us the number of KILOGRAMS corresponding to ONE [[ags1_harvst_unit_lb|]] of [[ags1_crop_label]] in [[ags1_harvst_state_lb|]]? [ags1_harvst_kg_hint]

Question relevant when: \$\{password\} !=9334
Response constrained to: (.>0 and .<=500)
(F172) Have you sold or do you expect to sell your harvest of [ags1_crop_label] during the
September to December 2022 agricultural season?
Question relevant when: \$\{password\} !=9334
(F181) Was [p_targetresp_fullname] [target participant] the respondent of this section? Question relevant when: $\$\{$ password\} !=9334

1 Yes
0 No

| ags1_grp_resp (required) | (F181b) Who was the respondent of this section? <br> Question relevant when: $\$\{$ password\} ! $=9334$ | 1 Household head: ... |
| :--- | :--- | :--- | :--- |
| g_consent > (I) Part I: household survey > (F5) Section 3: Fruit tree and permanent crops | 2 Other household member |  |


| fruittrees_intro | (F500) Now, we will talk about non-seasonal crops and fruit trees you harvested or sold in the past 6 months |  |  |
| :---: | :---: | :---: | :---: |
| fruittrees_own (required) | (F501) Do you own any fruit bearing trees? <br> This includes matooke, coffee, avocado, etc. <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |  |
|  |  | 0 No |  |
| fruittrees_own_list (required) | (F502) Do you have any of these fruit bearing trees? <br> Question relevant when: \$\{password\} !=9334 | crop_all_id | crop_all_label_english |
|  |  | -67 | ... |
|  |  | -66 | ... |
| fruittree_osp (required) | What other fruit tree? <br> Question relevant when: \$\{password\} !=9334 |  |  |

g_consent > (I) Part I: household survey > (F5) Section 3: Fruit tree and permanent crops > - (1)
(Repeated group)
Group relevant when: \$\{fruittrees_own\} =1

| fruittree_number (required) | (F503a) How many of trees of [[fruittree_label]] do you own? Please, include ALL the trees including young trees. <br> Put the total number of fully grown and tyoung trees. <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.> 0 and .<=1000) or . $=-99$ or . $=-88$ |
| :---: | :---: |
| fruittree_young_number (required) | (F503b) How many of [fruittree_number] [[fruittree_label]] trees are young trees? <br> Young trees only. <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .<= \$\{fruittree_number\} |

g_consent > (I) Part I: household survey > (F5) Section 3: Fruit tree and permanent crops >-(1)> Fruits harvested

| generated_note_name_342 | [[fruittree_label]] In the past 6 months, how much have you harvested in total? |  |
| :---: | :---: | :---: |
| fruittree_harv_qty (required) | (F504a) Number of unit <br> Question relevant when: \$\{password\} !=9334 |  |
| fruittree_harv_unita (required) | (F504b) Unit | 1 Kilogram (KG) |
|  | Question relevant when: $\$\{p a s s w o r d\}$ !=9334 <br> Response constrained to: if( \$\{fruittree_harv_qty\} !=0, .!=0, .) and if(!!=0, | crop_unit_id crop_unit_name |




[^11]Group relevant when: \$\{ags1_anyplotcultivate\} =1 or \$\{fruittrees_own\} =1

## farmact_intro

(F600) Now, we are going to talk about your expenditures on farming activities such as selling or buying inputs
g_consent > (I) Part I: household survey $>$ (E6) Section 4B: Farming Expenses $>$ Personal funds and savings (1)
(Repeated group
g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses > Personal funds and savings (1) > Personal funds and savings
(E601) In the last four months, meaning from Jan-2023 to yesterday, did you put any money from Personal funds and savings into your farming activities such as selling or buying inputs/crops?

Question relevant when: \$\{password\} !=9334

| farmact_amt (required) | (E602) In the last four months, meaning from Jan-2023 until yesterday, how much money did <br> you put into your farming activities from Personal funds and savings ? (USh) <br> Question relevant when: $\$\{$ password\} ! $=9334$ |
| :--- | :--- |
|  | Response constrained to: :>=0 or $=-88$ or $=-99$ |

g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses > Other household members (2)
(Repeated group)
g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses > Other household members (2) > Other household members



[^12]
g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses > Other NGO (5) > Other NGO

g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses > Loan from Savings group (6) > Loan from Savings group

| farmact (required) | (E601) In the last four months, meaning from Jan-2023 to yesterday, did you put any money from Loan from Savings group into your farming activities such as selling or buying inputs/crops? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
| :---: | :---: | :---: | :---: |
|  |  | 0 | No |
|  |  |  |  |
|  |  |  |  |
| farmact_osp (required) | (E601o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |  |
| farmact_amt (required) | (E602) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your farming activities from Loan from Savings group? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=0$ or.$=-88$ or.$=-99$ |  |  |

## Question

g_consent > (I) Part I : household survey $>$ (E6) Section 4B: Farming Expenses > Other to specify (7)
g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses > Other to specify (7) > Other to specify

| farmact (required) | (E601) In the last four months, meaning from Jan <br> from Other to specify into your farming activities <br> Question relevant when: \$\{password\} ! ! $=9334$ |
| :--- | :--- |
| farmact_osp (required) | (E6010) Specify other: money source <br> Question relevant when: $\$\{$ password\} ! $=9334$ |

farmact_amt (required)
(E602) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your farming activities from Other to specify? (USh)

Question relevant when: \$\{password\} !=9334
Response constrained to: . $>=0$ or.$=-88$ or.$=-99$
farmact_correct (required)
(E603) Does 0 sound correct for the total amount spent?
Question relevant when: \$\{password\} !=9334
farmact_more (required)
(E604) Do you think it should be more or less?
Question relevant when: \$\{password\} !=9334
farmact_inc_dec (required)
(E605) From which source should we increase or decrease the amount? Question relevant when: \$\{password\} !=9334
farmact_cont (required)
(E606) In the next 12 months, do you think you will:

Question relevant when: \$\{password\} !=9334

(E609) Consider your investments into farming in the September to December 2022 agricultura season season. Would you say you have invested more than, or less than, or about the same as in the same season a year ago? Question relevant when: \$\{password\} !=9334
current_investment (required)
(E610) Relative to this past September to December 2022 agricultural season, for the same next year, do you think you will invest more, less or about the same?

Question relevant when: \$\{password\} !=9334

## Answer

(Repeated group)

| Field | Question | Answer |
| :---: | :---: | :---: |
| farmact_targetresp (required) | (E611) Was [p_targetresp_fullname] [target participant] the respondent of this section? | 1 Yes |
|  | Question relevant when: \$\{password\} !=9334 | 0 No |
| farmact_resp (required) | (E611b) Who was the respondent of this section? | 1 Household head: ... |
|  | Question relevant when: \$\{password\} !=9334 | 2 Other household member |
| g_consent > (I) Part I: household survey > (F7) Section 4A: Farming Participant Section Group relevant when: \$\{farmact_targetresp\} =1 |  |  |
| generated_note_name_403 | (F700) [TARGET PARTICIPANT ONLY] Now, we are going to talk about how much time you spent on your farming activities |  |
| farming_last30days (required) | (F701) In the last 30 days, meaning from 14-Apr-2023 to yesterday, did you work on your | 1 Yes |
|  | farming activities? | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| farming_30days (required) | (F702) In the last 30 days, meaning from 14-Apr-2023 to yesterday, how many days did you work on your farming activities? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 30) or . $=-99$ or . $=-88$ |  |

(F704) In the last 7 days, meaning from Sunday to yesterday, how many hours in total did you work on your farming activities?

Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=0 and .<= 110) or .= -99 or . $=-88$


| Field | Question | Answer |
| :---: | :---: | :---: |
|  |  | 8 Donkey/mule |
|  |  | 9 Horse |
|  |  | 10 Rabbits |
|  |  | 11 Turkeys |
|  |  | -66 ... |
|  |  | 0 None |
|  |  | -88 (Prefer not to answer) |
| generated_note_name_423 | PROGRAMMING NOTE <br> Most important [lstock_mostimportant1_calc] <br> Second most important [lstock_mostimportant2_calc] |  |
| Istock_sell_6m_any (required) | (E106) Did you sell any animal in the last 6 months | 1 Yes |
|  | Question relevant when: \$\{password\} !=9334 | 0 No |
| Istock_buy_6m_any (required) | (E107) Did you buy any animal in the last 6 months? | 1 Yes |
|  | Question relevant when: \$\{password\} !=9334 | 0 No |
| g_consent > (I) Part I: household <br> Selling (1) <br> Group relevant when: \$\{lstock_ | (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and <br> != '0' and \$\{lstock_own_6m\} != '-88' | (Repeated group) |
| g_consent > (I) Part I: househol <br> Group relevant when: selected | > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, an ck_own_6m\}, \$\{lstock_value\} ) | Selling (1) > Owned in past 6 months |
| Istock_own_today (required) | (E110) How many Chickens does your household own today? Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and . < $=1000$ ) or . $=-99$ or.$=-88$ |  |
| ```g_consent > (I) Part I: household Selling (2) Group relevant when: ${lstock_``` | (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and $\text { \} != '0' and \$\{lstock_own_6m\} != '-88' }$ | (Repeated group) |
| g_consent > (I) Part I: household Group relevant when: selected | $>$ (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and ck_own_6m\}, \$\{lstock_value\} ) | Selling (2) > Owned in past 6 months |
| Istock_own_today (required) | (E110) How many Sheep does your household own today? <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ <br> Response constrained to: (.>=0 and . < $=1000$ ) or . $=-99$ or . $=-88$ |  |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (3) <br> Group relevant when: \$\{lstock_own_6m\} != '0' and \$\{lstock_own_6m\} != '-88' |  | (Repeated group) |
| g_consent > (I) Part I: household Group relevant when: selected | > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, an ck_own_6m\}, \$\{lstock_value\} ) | Selling (3) > Owned in past 6 months |
| Istock_own_today (required) | (E110) How many Goats does your household own today? <br> Question relevant when: $\$\{$ password\} !=9334 <br> Response constrained to: (.>=0 and . $<=1000$ ) or . $=-99$ or . $=-88$ |  |



[^13] Group relevant when: selected( \$\{lstock_own_6m\}, \$\{lstock_value\} )

| Field | Question | Answer |
| :---: | :---: | :---: |
| Istock_own_today (required) | (E110) How many Donkey/mule does your household own today? <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ <br> Response constrained to: (.>=0 and . < $=1000$ ) or . $=-99$ or . $=-88$ |  |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (9) <br> Group relevant when: $\$\{1$ stock_own_6m\} != '0' and \$\{lstock_own_6m\} != '-88' |  | (Repeated group) |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (9) > Owned in past 6 months Group relevant when: selected( \$\{lstock_own_6m\}, \$\{lstock_value\} ) |  |  |
| Istock_own_today (required) | (E110) How many Horse does your household own today? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and . <= 1000) or . $=-99$ or . $=-88$ |  |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (10) <br> Group relevant when: $\$\{1$ stock_own_6m\} != '0' and \$\{lstock_own_6m\} != '-88' |  | (Repeated group) |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (10) > Owned in past 6 months Group relevant when: selected( \$\{lstock_own_6m\}, \$\{lstock_value\} ) |  |  |
| Istock_own_today (required) | (E110) How many Rabbits does your household own today? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and . <= 1000) or . $=-99$ or . $=-88$ |  |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (11) <br> Group relevant when: \$\{lstock_own_6m\} != '0' and \$\{lstock_own_6m\} != '-88' |  | (Repeated group) |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (11) > Owned in past 6 months Group relevant when: selected( \$\{lstock_own_6m\}, \$\{lstock_value\} ) |  |  |
| Istock_own_today (required) | (E110) How many Turkeys does your household own today? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and . <= 1000) or . $=-99$ or . $=-88$ |  |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (12) <br> Group relevant when: \$\{lstock_own_6m\} != '0' and \$\{lstock_own_6m\} != '-88' |  | (Repeated group) |
| g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (12) > Owned in past 6 months Group relevant when: selected (\$\{lstock_own_6m\}, \$\{lstock_value\} ) |  |  |
| Istock_own_today (required) | (E110) How many [lstock_label] does your household own today? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and . <= 1000) or . $=-99$ or . $=-88$ |  |
| livestock_targetresp | (E128) Was [p_targetresp_fullname] [target participant] the respondent of this section? | $\begin{aligned} & 1 \\ & \hline \end{aligned}$ |
| livestock_resp | (E128b) Who was the respondent of this section? <br> Question relevant when: \$\{livestock_targetresp\} !=1 | 1 Household head: ... <br> 2 Other household member |

g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Personal funds and savings (1) > Personal funds and savings

Istockact_intro (E400c) Let's talk about money from [Personal funds and savings] you put in your livestock activities such as tending to the animals, selling or buying

| Istockact (required) | (E401) In the last four months, meaning from Jan-2023 to yesterday, did you put any money from Personal funds and savings into your livestock activities such as tending to the animals, selling or buying? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
| :---: | :---: | :---: | :---: |
|  |  | 0 | No |
|  |  |  |  |
|  |  |  |  |
| Istockact_osp (required) | (E4010) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |  |
|  |  |  |  |
| Istockact_amt (required) | (E402) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your livestock activities from Personal funds and savings? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=0$ or.$=-88$ or . $=-99$ |  |  |
|  |  |  |  |
|  |  |  |  |

[^14]g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Other members of the household (2) > Other members of the household

(E4010) Specify other: money source
Question relevant when: \$\{password\} !=9334
(E402) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your livestock activities from Family or friends outside of the household ? (USh) Question relevant when: \$\{password\} !=9334
Response constrained to: . $>=0$ or.$=-88$ or.$=-99$
g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Cash transfer (4)

| Istockact (required) | (E401) In the last four months, meaning from Jan-2023 to yesterday, did you put any money from Cash transfer into your livestock activities such as tending to the animals, selling or buying? <br> Question relevant when: \$\{password\} !=9334 |  | Yes |
| :---: | :---: | :---: | :---: |
|  |  | 0 | No |
|  |  |  |  |
|  |  |  |  |
| Istockact_osp (required) | (E401o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |  |
|  |  |  |  |
| Istockact_amt (required) | (E402) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your livestock activities from Cash transfer? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=0$ or.$=-88$ or.$=-99$ |  |  |
|  |  |  |  |
|  |  |  |  |
| g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Other NGO (5) |  | (Repeated group) |  |

g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Other NGO (5) > Other NGO

| Istockact_intro | (E400c) Let's talk about money from [Other NGO] you put in your livestock activities such as tending to the animals, selling or buying |  |  |
| :---: | :---: | :---: | :---: |
| Istockact (required) | (E401) In the last four months, meaning from Jan-2023 to yesterday, did you put any money | 1 | Yes |
|  | from Other NGO into your livestock activities such as tending to the animals, selling or buying? | 0 | No |
|  | Question relevant when: \$\{password\} !=9334 |  |  |


| Field | Question | Answer |
| :---: | :---: | :---: |
| Istockact_osp (required) | (E401o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| Istockact_amt (required) | (E402) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your livestock activities from Other NGO? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=0 or . $=-88$ or . $=-99$ |  |
| g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Loan from Savings group (6) |  | (Repeated group) |
| g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Loan from Savings group (6) > Loan from Savings group |  |  |
| Istockact_intro | (E400c) Let's talk about money from [Loan from Savings group] you put in your livestock activities such as tending to the animals, selling or buying |  |
| Istockact (required) | (E401) In the last four months, meaning from Jan-2023 to yesterday, did you put any money | 1 Yes |
|  | from Loan from Savings group into your livestock activities such as tending to the animals, | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| Istockact_osp (required) | (E401o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| Istockact_amt (required) | (E402) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your livestock activities from Loan from Savings group ? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=0 or . $=-88$ or . $=-99$ |  |
| g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Other to specify (7) |  | (Repeated group) |
| g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Other to specify (7) > Other to specify |  |  |
| Istockact_intro | (E400c) Let's talk about money from [Other to specify] you put in your livestock activities such as tending to the animals, selling or buying |  |
| Istockact (required) | (E401) In the last four months, meaning from Jan-2023 to yesterday, did you put any money from Other to specify into your livestock activities such as tending to the animals, selling or buying? <br> Question relevant when: \$\{password\} !=9334 |  |
| Istockact_osp (required) | (E401o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |


| Field | Question | Answer |
| :---: | :---: | :---: |
| Istockact_amt (required) | (E402) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your livestock activities from Other to specify ? (USh) <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ <br> Response constrained to: .>=0 or . $=-88$ or.$=-99$ |  |
| Istockact_correct | (E403) Does 0 sound correct for the total amount spent? | 1 Yes |
|  |  | 0 No |
| Istockact_more | (E404) Do you think it should be more or less? <br> Question relevant when: $\$\{1$ stockact_correct $\}=0$ | 1 More |
| Istockact_inc_dec | (E405) From which source should we increase or decrease the amount? <br> Question relevant when: $\$\{$ lstockact_correct $\}=0$ | 1 Personal funds and savings |
|  |  | 2 Other members of the household |
|  |  | 3 Family or friends outside of the household |
|  |  | 4 Cash transfer |
|  |  | 5 Other NGO |
|  |  | -66 Other, specify |
| Istockact_cont | (E406) In the next 12 months, do you think you will: | 1 Invest more money into developing your livestock business |
|  |  | 2 Not invest more money but continue your level of activity |
|  |  | 3 Decrease your investment or stop your livestock business |
|  |  | -99 Don't know |
| Istockact_targetresp | (E407) Was [p_targetresp_fullname] [target participant] the respondent of this section? | 1 Yes |
|  |  | 0 No |
| Istockact_resp | (E407b) Who was the respondent of this section? <br> Question relevant when: \$\{lstockact_targetresp\} !=1 | 1 Household head: ... |
|  |  | 2 Other household member |
| g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Livestock Participant Section Group relevant when: \$\{lstockact_targetresp\} $=1$ |  |  |
| generated_note_name_464 | (E408) [FOR TARGET PARTICIPANT ONLY] Now, we are going to talk about how much time you spent on your livestock activities |  |
| Istockbiz_30days | (E410) In the last 30 days, meaning from 14-Apr-2023 to yesterday, how many days did you work on your livestock business such as tending to the animals, selling or buying? <br> Response constrained to: (.>=0 and .<= 30) or . $=-99$ or . $=-88$ |  |
| Istockbiz_7days | (E411) In the last 7 days, meaning from Sunday to yesterday, how many days did you work on your livestock business such as tending to the animals, selling or buying? <br> Response constrained to: (.>=0 and .<= 7) or .= -99 or .= -88 |  |
| Istockbiz_hours | (E412) In the last 7 days, meaning from Sunday, how many hours in total did you work on your livestock business such as tending to the animals, selling or buying? <br> Response constrained to: (.>=0 and .<= 110) or .= -99 or . $=-88$ |  |

[^15]empact_intro
(H100) Now, I will ask about household members that worked outside the household in the past 3 months and their employment activities.



| Field | Question | Answer |
| :---: | :---: | :---: |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (1) > Asset quantity and value Group relevant when: \$\{asset_owned\} =1 |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <=500) or . $=-99$ or.$=-88$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (2) Group relevant when: ${asset_own_list} != '0'``` |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 2 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$$ asset_owned\} =1 |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (2) > Asset quantity and value Group relevant when: ${asset_owned} =1``` |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <= 500) or . $=-99$ or . $=-88$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (3) Group relevant when: ${asset_own_list} != '0'``` |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 3 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} =1 |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (3) > Asset quantity and value <br> Group relevant when: $\$\{$ asset_owned\} $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . $<=500$ ) or . $=-99$ or . $=-88$ |  |
| g_consent > ( 1 ) Part I: household survey > (C) Section 7: Assets > Assets (4) |  | (Repeated group) |
| Geqaepateleuratewharne\$1583et_own_list\} !甲FOGRAMMING NOTE <br> asset_position: 4 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: \$\{asset_owned\} =1 |  |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (4) > Asset quantity and value Group relevant when: $\$\{$ asset_owned $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . $<=500$ ) or.$=-99$ or.$=-88$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (5) Group relevant when: ${asset_own_list} != '0'``` |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 5 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: \$\{asset_owned\} =1 |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (5) > Asset quantity and value Group relevant when: $\$$ asset_owned\} =1 |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <= 500) or . $=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (6) Group relevant when: \$\{asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 6 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |

g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (6) > Asset quantity and value
Group relevant when: $\$$ \{asset_owned\} =1 asset_number (required)
(C102) How many [[asset_name]] does your household own at present?
Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and.$<=500$ ) or . $=-99$ or . $=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (7)
(Repeated group)
Group relevant when: \$\{asset_own_list\} ! = 0 '

PROGRAMMING NOTE
asset_position: 7
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned\} =1
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (7) > Asset quantity and value
Group relevant when: $\$\{$ asset_owned $\}=1$
asset_number (required)
(C102) How many [[asset_name]] does your household own at present? Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and.$<=500$ ) or . $=-99$ or.$=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (8)
Group relevant when: \$\{asset_own_list\} != ' 0 '

g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (11) > Asset quantity and value Group relevant when: $\$$ \{asset_owned $\}=1$

| Field | Question | Answer |
| :---: | :---: | :---: |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . $<=500$ ) or . $=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (12) Group relevant when: $\$\{$ asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 12 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (12) > Asset quantity and value |  |  |
|  <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <= 500) or . = -99 or . $=-88$ |  |  |
| $\begin{aligned} & \text { g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (13) } \\ & \text { Group relevant when: \$\{asset_own_list\} != '0' } \end{aligned}$ |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 13 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned $\}=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (13) > Asset quantity and value Group relevant when: $\$\{$ asset_owned\} $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <= 500) or . = -99 or . = -88 |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (14) <br> Group relevant when: \$\{asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 14 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (14) > Asset quantity and value Group relevant when: $\$\{$ asset_owned\} $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <= 500) or . $=-99$ or . $=-88$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (15) Group relevant when: ${asset_own_list} != '0'``` |  | (Repeated group) |


| Field | Question | Answer |
| :---: | :---: | :---: |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 15 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: \$\{asset_owned\} =1 |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (15) > Asset quantity and value <br> Group relevant when: \$\{asset_owned\} =1 |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and.$<=500$ ) or.$=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (16) Group relevant when: \$\{asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 16 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: \$\{asset_owned\} =1 |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (16) > Asset quantity and value Group relevant when: $\$\{$ asset_owned $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . $<=500$ ) or.$=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (17) <br> Group relevant when: \$\{asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 17 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (17) > Asset quantity and value |  |  |
|  <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and.$<=500$ ) or.$=-99$ or.$=-88$ |  |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (18) <br> Group relevant when: \$\{asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 18 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: \$\{asset_owned\} =1 |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (18) > Asset quantity and value Group relevant when: \$\{asset_owned\} =1 |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <=500) or . $=-99$ or . $=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (19) Group relevant when: \$\{asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 19 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (19) > Asset quantity and value Group relevant when: $\$\{$ asset_owned\} $=1$ |  |  |

## Question

asset_number (required)

> (C102) How many [[asset_name]] does your household own at present? Question relevant when: $\$\{$ password\} !=9334
> Response constrained to: $(.>=1$ and.$<=500)$ or.$=-99$ or.$=-88$

## Answer

g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (20)
(Repeated group) Group relevant when: \$\{asset_own_list\} != '0'
generated_note_name_523 PROGRAMMING NOTE

$$
\text { asset_position: } 20
$$

asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (20) > Asset quantity and value
Group relevant when: $\$$ \{asset_owned\} $=1$
asset_number (required)

> (C102) How many [[asset_name]] does your household own at present? Question relevant when: $\$\{$ password\} !=9334
> Response constrained to: $(.>=1$ and.$<=500)$ or.$=-99$ or . $=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (21) (Repeated group)
Group relevant when: \$\{asset_own_list\} != '0'
generated_note_name_523 PROGRAMMING NOTE
asset_position: 21
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: \$\{asset_owned\} =1
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (21) > Asset quantity and value

Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and . <= 500) or . $=-99$ or . $=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (22)
(Repeated group)
Group relevant when: \$\{asset_own_list\} != ' 0 '
generated_note_name_523 PROGRAMMING NOTE
asset_position: 22
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (22) > Asset quantity and value
Group relevant when: \$\{asset_owned\}=1

| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? |
| :--- | :--- |

Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and.$<=500$ ) or.$=-99$ or.$=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (23)
(Repeated group)
Group relevant when: \$\{asset_own_list\} != '0'
generated_note_name_523 PROGRAMMING NOTE
asset_position: 23
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (23) > Asset quantity and value
Group relevant when: $\$\{$ asset_owned $\}=1$
asset_number (required)
(C102) How many [[asset_name]] does your household own at present? Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and.$<=500$ ) or . $=-99$ or.$=-88$

## Question

g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (24)
Group relevant when: \$\{asset_own_list\} != ' 0 '

## Answer

(Repeated group)
Group relevant when: $\$\{$ asset_owned $\}=1$
asset_number (required) (C102) How many [[asset_name]] does your household own at present?
Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and . $<=500$ ) or . $=-99$ or . $=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (25)
g_consent > (I) Part I: household survey > (C) S
Group relevant when: \$\{asset_own_list\} != '0'
generated_note_name_523 PROGRAMMING NOTE
asset_position: 25
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$$ \{asset_owned\} =1
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (25) > Asset quantity and value
Group relevant when: \$\{asset_owned\} =1
asset_number (required)
(C102) How many [[asset_name]] does your household own at present?
Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and . $<=500$ ) or.$=-99$ or . $=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (26)
Group relevant when: \$\{asset_own_list\} != '0'

PROGRAMMING NOTE
asset_position: 26
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned\} =1

| Field | Question | Answer |
| :---: | :---: | :---: |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ <br> Response constrained to: (.>=1 and . $<=500$ ) or . $=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (27) <br> Group relevant when: \$\{asset_own_list\} != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 27 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (27) > Asset quantity and value Group relevant when: $\$\{$ asset_owned\} $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <= 500) or . $=-99$ or . $=-88$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (28) Group relevant when: ${asset_own_list} != '0'``` |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 28 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (28) > Asset quantity and value Group relevant when: $\$\{$ asset_owned $\}=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ <br> Response constrained to: ( $>=1$ and.$<=500$ ) or.$=-99$ or.$=-88$ |  |
| $\begin{aligned} & \text { g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (29) } \\ & \text { Group relevant when: \$\{asset_own_list\} != '0' } \end{aligned}$ |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 29 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (29) > Asset quantity and value Group relevant when: $\$\{$ asset_owned\} $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . $<=500$ ) or . $=-99$ or.$=-88$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (30) Group relevant when: ${asset_own_list} != '0'``` |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 30 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (30) > Asset quantity and value Group relevant when: $\$\{$ asset_owned $\}=1$ |  |  |


| Field | Question | Answer |
| :---: | :---: | :---: |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ <br> Response constrained to: (.>=1 and . $<=500$ ) or.$=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (31) Group relevant when: $\$\{$ asset_own_list != '0' |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 31 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (31) > Asset quantity and value Group relevant when: ${asset_owned} =1``` |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and.$<=500$ ) or . $=-99$ or.$=-88$ |  |
| $\begin{aligned} & \text { g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (32) } \\ & \text { Group relevant when: \$\{asset_own_list\} != '0' } \end{aligned}$ |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 32 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned $\}=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (32) > Asset quantity and value Group relevant when: $\$\{$ asset_owned $\}=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and . <= 500) or . $=-99$ or . $=-88$ |  |
| ```g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (33) Group relevant when: ${asset_own_list} != '0'``` |  | (Repeated group) |
| generated_note_name_523 | PROGRAMMING NOTE <br> asset_position: 33 <br> asset_value: [asset_value] <br> asset_owned: 1 asset_name: [asset_name] <br> Question relevant when: $\$\{$ asset_owned\} $=1$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (33) > Asset quantity and value Group relevant when: $\$\{$ asset_owned $=1$ |  |  |
| asset_number (required) | (C102) How many [[asset_name]] does your household own at present? <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ <br> Response constrained to: (.>=1 and . $<=500$ ) or . $=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (34) <br> Group relevant when: $\$\{$ asset_own_list\} != '0' |  | (Repeated group) |

## Question

generated_note_name_523

PROGRAMMING NOTE
asset_position: 34
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (34) > Asset quantity and value
Group relevant when: $\$\{$ asset_owned $\}=1$
asset_number (required)
(C102) How many [[asset_name]] does your household own at present?
Question relevant when: \$\{password\} ! =9334
Response constrained to: (.>=1 and . <= 500) or . $=-99$ or . $=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (35)
(Repeated group)
Group relevant when: \$\{asset_own_list\} != '0'
generated_note_name_523

## PROGRAMMING NOTE

asset_position: 35
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (35) > Asset quantity and value
Group relevant when: $\$\{$ asset_owned $\}=1$


## Question

asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$$ \{asset_owned\} =1
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (39) > Asset quantity and value

Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and . <=500) or . $=-99$ or . $=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (40) (Repeated group)
Group relevant when: \$\{asset_own_list\} != ' 0 '
generated_note_name_523 PROGRAMMING NOTE

## asset_position: 40

asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (40) > Asset quantity and value
Group relevant when: $\$$ asset_owned\} =1
asset_number (required) (C102) How many [[asset_name]] does your household own at present? Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and.$<=500$ ) or.$=-99$ or.$=-88$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (41) (Repeated group)
Group relevant when: \$\{asset_own_list\} != '0'
generated_note_name_523 PROGRAMMING NOTE
asset_position: 41
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (41) > Asset quantity and value
Group relevant when: $\$\{$ asset_owned $\}=1$
asset_number (required) (C102) How many [[asset_name]] does your household own at present? Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and . $<=500$ ) or . $=-99$ or . $=-88$

Group relevant when: \$\{asset_own_list\} != '0'
generated_note_name_523
PROGRAMMING NOTE
asset_position: 42
asset_value: [asset_value]
asset_owned: 1 asset_name: [asset_name]
Question relevant when: $\$\{$ asset_owned $\}=1$
g_consent > (I) Part I: household survey > (C) Section 7: Assets > Assets (42) > Asset quantity and value
Group relevant when: $\$\{$ asset_owned $\}=1$
asset_number (required) (C102) How many [[asset_name]] does your household own at present?
Question relevant when: \$\{password\} !=9334
Response constrained to: (.>=1 and . <= 500) or . $=-99$ or . $=-88$


| Field | Question | Answer |
| :---: | :---: | :---: |
| g_consent > (I) Part I: household survey > (I) Section 8: Business |  |  |
| biz_intro1 | (I100) Now, I would like to ask you about any business you or anyone in your household engages in. <br> I mean all other sources of income of the household that have not been mentioned yet, such as shops or trades for instance. <br> Household non-agricultural income-generating businesses include those that produce or trade goods or services, including owning a shop or operating a trading business, no matter how small. Enterprises might include, for example, retail shop, petty trade, sell second-hand clothes, etc. |  |
| hhdoesbiz (required) | (1101) Did you or someone from your household engage in any business in the past 30 days? | 1 Yes |
|  | Question relevant when: \$\{password\} !=9334 | 0 No |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Business characteristics Group relevant when: $\$\{h h d o e s b i z\}=1$ |  |  |
| businesses (required) | (1104) In what type of business or income generating activities you or any member of your household engage in? <br> Question relevant when: \$\{password\} !=9334 | business_key business_label_english |
| businesses_osp (required) | (I104) Please specify: What other income generating activities or business? <br> Question relevant when: \$\{password\} !=9334 |  |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Business characteristics > Business types (1) Group relevant when: $\$\{h h d o e s b i z\}=1$ |  | (Repeated group) |
| biz_multiple (required) | (1105) Do you and your household members have more than one business of | 1 Yes |
|  | [biz_label_temp1]? <br> Question relevant when: \$\{password\} !=9334 | 0 No |
| biz_multiple_count (required) | (I106) How many businesses of [biz_label_temp1] do you have? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . >= 2 and . <= 5 |  |
| biz_mostimportant (required) | (I108) Which is your most important business in terms of household income? <br> Question relevant when: \$\{password\} !=9334 | 1 (1) |
|  |  | 2 ... |
|  |  | 3 ... |
|  |  | 4 ... |
| biz_list_hhengage (required) | (1110) Does anyone from your household engage in any business? <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |
|  |  | 0 No |
| biz_hhmem_listbiz (required) | (I109) Which business do they engage in? <br> Question relevant when: \$\{password\} !=9334 | 1 (1) |
|  |  | 2 ... |
|  |  | 3 ... |
|  |  | 4 ... |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Business characteristics > Business: (1) (1) Group relevant when: $\$\{h h d o e s b i z\}=1$ |  | (Repeated group) |
| bizact_cont (required) | (I607) [ (1)] In the next 12 months, do you think you will: Question relevant when: \$\{password\} !=9334 | 1 Invest more money into developing your businesses |
|  |  | 2 Not invest more money but continue your level of activity |
|  |  | 3 Decrease your investment or stop your businesses |
|  |  | -99 Don't know |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Personal funds and savings (1) Group relevant when: $\$\{h h d o e s b i z\}=1$ |  | (Repeated group) |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Personal funds and savings (1) > Personal funds and savings |  |  |
| bizact_intro | (E610c) Let's talk about money from [Personal funds and savings] you put in your business activities |  |
| bizact (required) | (E611) In the last four months, meaning from Jan-2023 to yesterday, did you put any money from Personal funds and savings into your business activities <br> Question relevant when: \$\{password\} !=9334 | $1 \begin{aligned} & 1 \\ & \text { Yes } \\ & 0\end{aligned}$ |
| bizact_osp (required) | (E611o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| bizact_amt (required) | (E612) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your business activities from Personal funds and savings? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=0$ or.$=-88$ or.$=-99$ |  |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Other members of the household (2) Group relevant when: $\$\{h h d o e s b i z\}=1$ |  | (Repeated group) |
| g_consent > ( 1 ) Part I: household survey > ( 1 ) Section 8: Business > Other members of the household (2) > Other members of the household |  |  |


| Field | Question | Answer |
| :---: | :---: | :---: |
| bizact_intro | (E610c) Let's talk about money from [Other members of the household] you put in your business activities |  |
| bizact (required) | (E611) In the last four months, meaning from Jan-2023 to yesterday, did you put any money | 1 Yes |
|  | from Other members of the household into your business activities | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| bizact_osp (required) | (E611o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| bizact_amt (required) | (E612) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your business activities from Other members of the household ? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=0 or . $=-88$ or . $=-99$ |  |
| g_consent > (I) Part I: hou <br> Group relevant when: \$ | (I) Section 8: Business > Family or friends outside of the household (3) | (Repeated group) |
| g_consent > (I) Part I: hous | > (I) Section 8: Business > Family or friends outside of the household (3) > Family or friends | of the household |
| bizact_intro | (E610c) Let's talk about money from [Family or friends outside of the household] you put in y business activities |  |
| bizact (required) | (E611) In the last four months, meaning from Jan-2023 to yesterday, did you put any money | 1 Yes |
|  | from Family or friends outside of the household into your business activities <br> Question relevant when: \$\{password\} !=9334 | 0 No |
| bizact_osp (required) | (E611o) Specify other: money source Question relevant when: \$\{password\} !=9334 |  |
| bizact_amt (required) | (E612) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your business activities from Family or friends outside of the household ? (U <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=0 or.$=-88$ or . $=-99$ |  |
| g_consent > (I) Part I: hou <br> Group relevant when: | (I) Section 8: Business > Cash transfer (4) | (Repeated group) |
| g_consent > (I) Part I: ho | > (I) Section 8: Business > Cash transfer (4) > Cash transfer |  |
| bizact_intro | (E610c) Let's talk about money from [Cash transfer] you put in your business activities |  |
| bizact (required) | (E611) In the last four months, meaning from Jan-2023 to yesterday, did you put any money | 1 Yes |
|  | from Cash transfer into your business activities | 0 No |
|  | Question relevant when: \$\{password\} !=9334 |  |
| bizact_osp (required) | (E611o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| bizact_amt (required) | (E612) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your business activities from Cash transfer? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=0 or . $=-88$ or . $=-99$ |  |
| g_consent > (I) Part I: hou <br> Group relevant when: \$ | (I) Section 8: Business > Other NGO (5) | (Repeated group) |
| g_consent > (I) Part I: ho | > (I) Section 8: Business > Other NGO (5) > Other NGO |  |
| bizact_intro | (E610c) Let's talk about money from [Other NGO] you put in your business activities |  |
| bizact (required) | (E611) In the last four months, meaning from Jan-2023 to yesterday, did you put any money | 1 Yes |
|  | from Other NGO into your business activities <br> Question relevant when: \$\{password\} !=9334 | 0 No |
| bizact_osp (required) | (E611o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| bizact_amt (required) | (E612) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your business activities from Other NGO ? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=0$ or.$=-88$ or.$=-99$ |  |
| g_consent > (I) Part I: hou <br> Group relevant when: \$ | (I) Section 8: Business > Loan from Savings group (6) | (Repeated group) |
| g_consent > (I) Part I: hous | > (I) Section 8: Business > Loan from Savings group (6) > Loan from Savings group |  |
| bizact_intro | (E610c) Let's talk about money from [Loan from Savings group] you put in your business activities |  |
| bizact (required) | (E611) In the last four months, meaning from Jan-2023 to yesterday, did you put any money | 1 Yes |
|  | from Loan from Savings group into your business activities <br> Question relevant when: \$\{password\} !=9334 | 0 No |
| bizact_osp (required) | (E611o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| bizact_amt (required) | (E612) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your business activities from Loan from Savings group? (USh) <br> Question relevant when: \$\{password\} !=9334 |  |


| Field | Question | Answer |
| :---: | :---: | :---: |
|  | Response constrained to: .>=0 or $=-88$ or.$=-99$ |  |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Other to specify (7) Group relevant when: $\$\{h h d o e s b i z\}=1$ |  | (Repeated group) |
| g_consent > ( 1 ) Part I: household survey > (I) Section 8: Business > Other to specify (7) > Other to specify |  |  |
| bizact_intro | (E610c) Let's talk about money from [Other to specify] you put in your business activities |  |
| bizact (required) | (E611) In the last four months, meaning from Jan-2023 to yesterday, did you put any money from Other to specify into your business activities <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |
|  |  | 0 No |
| bizact_osp (required) | (E611o) Specify other: money source <br> Question relevant when: \$\{password\} !=9334 |  |
| bizact_amt (required) | (E612) In the last four months, meaning from Jan-2023 until yesterday, how much money did you put into your business activities from Other to specify ? (USh) <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=0$ or.$=-88$ or.$=-99$ |  |
| bizact_correct | (E613) Does 0 sound correct for the total amount spent? | 1 Yes |
|  |  | 0 No |
| bizact_more | (E614) Do you think it should be more or less? <br> Question relevant when: $\$\{$ bizact_correct $\}=0$ | 1 More |
|  |  | 2 Less |
| bizact_inc_dec | (E615) From which source should we increase or decrease the amount? <br> Question relevant when: \$\{bizact_correct\} $=0$ | 1 Personal funds and savings |
|  |  | 2 Other members of the household |
|  |  | 3 Family or friends outside of the household |
|  |  | 4 Cash transfer |
|  |  | 5 Other NGO |
|  |  | -66 Other, specify |
| biz_new (required) | (I608) In the next 12 months are you planning to start a new business? <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |
|  |  | 0 No |
| biz_new_type (required) | (I609) If so, what type of business? <br> Question relevant when: \$\{password\} !=9334 | business_key business_label_english |
| biz_targetresp (required) | (L206) Was [p_targetresp_fullname] [target participant] the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |
|  |  | 0 No |
| biz_resp (required) | (L207) Who was the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | 1 Household head: ... |
|  |  | 2 Other household member |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Business Participant Section <br> Group relevant when: \$\{biz_targetresp\} =1 |  |  |
| biz_respengage | (1108a) Do you personally engage in any businesses? | 1 Yes |
|  |  | 0 No |
| biz_list_respengage (required) | (I108) Which businesses do you personally engage in? Question relevant when: \$\{password\} !=9334 | 1 (1) |
|  |  | 2 ... |
|  |  | 3 ... |
|  |  | 4 ... |
| g_consent > (I) Part I: household survey > (I) Section 8: Business > Business Participant Section > Business engagement (1) <br> Group relevant when: count-selected ( \$\{biz_list_respengage\} )>0 |  | (Repeated group) |
| biz_30days (required) | (I109) In the past 30 days, meaning from 14-Apr-2023 until yesterday, how many days have you worked on [biz_ind_name_r]? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and . $<=30$ ) or . $=-99$ or.$=-88$ |  |
| biz_7days (required) | (I110) In the past 7 days, meaning from Sunday until yesterday, how many days have you worked on [biz_ind_name_r]? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 7) or .= -99 or . $=-88$ |  |
| biz_hours (required) | (I111) In the past 7 days, meaning from Sunday until yesterday, how many hours in total have you worked on [biz_ind_name_r]? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 110) or . $=-99$ or.$=-88$ |  |
| g_consent > (I) Part I: household survey > (T2) Section 9: Remittances and Transfers |  |  |
| generated_note_name_623 | (T200) Now, we would like to talk about any transfer exchanged between your household and other households outside this village |  |
| transfer_got_any (required) | (T221) In the past week, did you receive any transfer in-kind or in-cash, from someone within the village? <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |
|  |  | 0 No |
|  |  |  |
| transfer_got_cashorkind (required) | (T222) Was this transfer in cash, in kind, or both? <br> Question relevant when: \$\{password\} !=9334 | 1 Cash |
|  |  | 2 ln -kind |
|  |  | 3 Both cash and in-kind |


| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
| transfer_got_value (required) | (T223) How much did you receive in the past week? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=100 or.$=0$ or.$=-99$ or . $=-88$ |  |  |
| transfer_sent_any (required) | (T225) In the past week, did you send any transfer, in-kind or in-cash, to someone within the village? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
|  |  |  |  |
| transfer_sent_cashorkind (required) | (T226) Was this transfer sent in cash, in kind, or both? <br> Question relevant when: \$\{password\} !=9334 | 1 | Cash |
|  |  | 2 | In-kind |
|  |  | 3 | Both cash and in-kind |
| transfer_sent_value (required) | (T227) How much did you send in the past week? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=100$ or.$=0$ or.$=-99$ or.$=-88$ |  |  |
| remit_targetresp | (T229) Was [p_targetresp_fullname] [target participant] the respondent of this section? | 1 | Yes |
|  |  | 0 | No |
| remit_resp (required) | (T229b) Who was the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | 1 | Household head: ... |
|  |  | 2 | Other household member |
| g_consent > (I) Part I: household survey > (L) Section 10: Finance |  |  |  |
| generated_note_name_637 | (L101) Now, I would like to ask you some questions about your financial situations. Please remember this information will remain strictly confidential. |  |  |
| g_consent > (I) Part I: household survey > (L) Section 10: Finance > Section 10a: Loans |  |  |  |
| loan_has (required) | (L102) Do you or anyone from your household have any outstanding loans? <br> Loans include cash and in-kind, such as paying for things on credit <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |  |
|  |  | 0 No |  |
| loan_count (required) | (L103) How many loans? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=1 and .<=10) or . $=-99$ or . $=-88$ |  |  |
| g_consent > (I) Part I: household survey > (L) Section 10: Finance > Section 10a: Loans > Details of Loan (1) Group relevant when: \$\{loan_has\} = 1 |  | (Repeated group) |  |
| g_consent > ( 1 ) Part I: household survey > (L) Section 10: Finance > Section 10a: Loans > Details of Loan (1) > Loan: 1 |  |  |  |
| generated_note_name_645 | (L104) Now, let us talk about Loan 1 |  |  |
| loan_cashinkind (required) | (L105) Loan 1: Did you borrow in cash or in-kind? Question relevant when: \$\{password\} !=9334 | 1 Cash |  |
|  |  | 2 In -kind |  |
|  |  | 3 Both cash and in-kind payment |  |
| g_consent > (I) Part I: household survey > (L) Section 10: Finance > Section 12b: Savings |  |  |  |
| start_savings_note | (L200) Now, I would like to talk about saving. I would like to ask you about the places where you and other household members keep money for safekeeping. |  |  |
| save_loc (required) | (L201) In the last 3 months, have you or someone from your household kept money at/with READ OUT OPTIONS <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) = 1, countselected(.) >= 1) |  | 1 With family member outside the household |
|  |  |  | 2 With a neighbor |
|  |  |  | 3 With a friend |
|  |  |  | 4 With a shopkeeper |
|  |  |  | 5 Village Savings and Loans Association (VSLA) |
|  |  |  | 6 Savings groups including SACCO, Unions, and other saving groups |
|  |  |  | 7 Box in the household |
|  |  |  | 8 In your pocket, your clothes (igitenge) or in a bag that you carry |
|  |  |  | 9 Commercial bank |
|  |  |  | 0 Mobile money |
|  |  |  | 1 A secret place in your home |
|  |  |  | 6 Other |
|  |  |  | 0 No savings |
|  |  |  | 88 (Prefer not to answer) |
| save_loc_osp (required) | (L201) Please specify: In what other location do you save money? <br> Question relevant when: \$\{password\} !=9334 |  |  |
| g_consent > (I) Part I: household survey > (L) Section 10: Finance > Section 12b: Savings > With family member outside the household (1) |  | (Repeated group) |  |
| g_consent > (I) Part I: household survey > (L) Section 10: Finance > Section 12b: Savings > With family member outside the household (1) > Savings information <br> Group relevant when: \$\{save_there\} =1 |  |  |  |
| save_now (required) | (L202) With family member outside the household: Are you or someone from your household keeping money using this method at the moment? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  |  | No |
| save_cash (required) | (L205) Do you or any other household member regularly save cash? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  |  | No |


| Field | Question | Answe |  |
| :---: | :---: | :---: | :---: |
| fin_targetresp (required) | (L208) Was [p_targetresp_fullname] [target participant] the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| fin_resp (required) | (L208b) Who was the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | 1 | Household head: ... |
|  |  | 2 | Other household member |
| g_consent > ( 1 ) Part I: household survey > (L3) Section 10c: Education |  |  |  |
| educ_note | (L300) Now I am going to ask about education and education related expenses |  |  |
| educ_invest (required) | (L301) Have you had any education related expenses such as school fees, books, uniforms in the past 3 months? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
|  |  |  |  |
| educ_invest_amt (required) | (L302) In total, how much have you spent over the past 3 months on education related expenses? <br> Question relevant when: \$\{password\} !=9334 |  |  |
| children (required) | (L303) Do you have any children in school age? <br> Between 5 and 16 years old <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| board_school (required) | (L304) Do you have any plans to send any of your kids to a boarding school in the next 6 months? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
|  |  |  |  |
| g_consent > (I) Part I: household survey > (T3) Section 11: Organizational support Group relevant when: \$\{sup_survey\} =1 |  |  |  |
| support_note1 | (T300) Thank you. Now, I would like to ask you about any support, cash, in-kind or training, that you have received from NGOS, the Government or any other organization in the last 6 months. |  |  |
| support_note1b | (T300b) I would like to remind you that none of your answers will impact your participation in the program |  |  |
| support_receive2 (required) | (T308) In the past 3 months, did anyone in your household get any support, cash, in-kind or training, through an NGO, the Government or any other organization? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| support_who2 (required) | (T309) Who provided this support? <br> Question relevant when: \$\{password\} !=9334 | support_who_key support_who_label |  |
|  |  |  |  |
| support_who2_osp (required) | (T309o) Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |  |
| g_consent > (I) Part I: household survey > (T3) Section 11: Organizational support > For each support organization (1) Group relevant when: \$\{support_receive2\} = 1 |  | (Repeated group) |  |
| g_consent > (I) Part I: household survey > (T3) Section 11: Organizational support > For each support organization (1) > Organization Group relevant when: \$\{support_isreceived2\} =1 |  |  |  |
| support_what2 (required) | (T310) What type of support did [support_label2] provide? <br> READ OUT OPTIONS <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) = 1, countselected(.) >=1) | 1 | Cash |
|  |  | 2 | In-kind |
|  |  | 3 | Training |
|  |  | -66 | Other, specify |
| support_what2_osp (required) | Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |  |
| support_cash2 (required) | (T311) [[support_label2]] Cash transfer: How much cash transfers were received from this source in the past 3 months? <br> IN USH <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $>=100$ or.$=0$ or.$=-99$ or.$=-88$ |  |  |
| support_inkind2 (required) | (T312) [[support_label2]] In-kind transfer: What type of in-kind transfer was it? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) = 1, countselected(.) >=1) | 1 | Scholarship materials |
|  |  | 2 | Agricultural inputs |
|  |  | 3 | Livestock |
|  |  | 4 | Clothing items |
|  |  | 5 | Food items |
|  |  | 6 | Hygiene |
|  |  | 7 | Medicine |
|  |  | -66 | Other, specify |
| support_inkind2_osp (required) | [[support_label2]] In-kind transfer: Other, specify Question relevant when: \$\{password\} !=9334 |  |  |
| support_inkindvalue2 (required) | (T313) [[support_label2]] In-kind transfer: How much would you have spent for it if you had to buy it? <br> IN USH <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=100 or.$=0$ or.$=-99$ or.$=-88$ |  |  |
| support_training2 (required) | (T314) [[support_label2]] Training: What type of training was it? <br> Question relevant when: \$\{password\} !=9334 | 1 | Business skills |
|  |  | 2 | Agricultural skills |
|  |  | 3 | Livelihood skills |



| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
| sc_diff_politic_probyn (required) | (O109) Do these differences in political affiliations cause problems? | 1 | Yes |
|  | Question relevant when: \$\{password\} !=9334 | 0 | No |
| sc_diff_religion_probyn (required) | (O110) Do these differences in religious beliefs cause problems? | 1 | Yes |
|  | Question relevant when: \$\{password\} !=9334 | 0 | No |
| sc_diff_ethnic_probyn (required) | (O111) Do these differences in ethnic backgrounds cause problems? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| g_consent > ( I ) Part I: household survey > ( O ) Section 12: Social Cohesion and Trust > Ethnic Differences and Types of Problems |  |  |  |
| sc_diff_ethnic_prob_type (required) | (O112) What types of problems are caused by differences in ethnic backgrounds in your community? <br> Question relevant when: \$\{password\} !=9334 | 1 | Social exclusion |
|  |  | 2 | Threats |
|  |  | 3 | Harrassment |
|  |  | 4 | Death threats |
|  |  | 5 | Physical violence |
|  |  | 6 | False accusations |
|  |  | 7 | Verbal abuse based on ethnicity |
|  |  | 8 | Property loss |
|  |  | -66 | Other |
| sc_diff_ethnic_prob_type_0 (required) | (O112o) Please specify: what type of problems are caused by differences in ethnic backgrounds in your community? <br> Question relevant when: \$\{password\} !=9334 |  |  |
| g_consent > (I) Part I : household survey > ( O ) Section 12: Social Cohesion and Trust > General Trust in Communities |  |  |  |
| sc_trustpplgen (required) | (O113) Would you say that most people can be trusted or that most people cannot be trusted? Please read out the options to the respondent. <br> Question relevant when: \$\{password\} !=9334 | 1 | Most people can be trusted |
|  |  | 2 | Most people cannot be trusted |
|  |  | -99 | Don't know |
| g_consent > ( 1 ) Part I: household survey > ( 0 ) Section 12: Social Cohesion and Trust > Trust of People in Communities |  |  |  |
| generated_note_name_746 | (O114) I am going to read some statements to you and I would like you to tell me for each statement if you strongly agree, agree, disagree, or strongly disagree <br> Enumerator: Please read out each statement to the respondent |  |  |
| sc_honest (required) | (O115) Most people in this community are honest and can be trusted Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Prefer not to answer) |
| sc_smelanghonest (required) | (O116) Most people in this community who speak the same native language as me are honest and can be trusted <br> Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Prefer not to answer) |
| sc_smelangborrow (required) | (O117) People in this community who speak the same native language trust one another to borrow and loan items <br> Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Prefer not to answer) |
| sc_help (required) | (O118) If I have a problem, there is always someone to help me Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Prefer not to answer) |
| sc_helpcomm (required) | (O119) Most people in this community are willing to help if you need it Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Prefer not to answer) |
| sc_fear (required) | (O120) I am suspicious/fearful of people in this community Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  |  | (Don't know) |
|  |  |  | (Prefer not to answer) |


| Field | Question | Answe |  |
| :---: | :---: | :---: | :---: |
| sc jealous (required) | (O121) I am jealous of others in my community Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Prefer not to answer) |
| sc_othjealous (required) | (O122) Others in the community are jealous of me Question relevant when: \$\{password\} !=9334 | 1 | Strongly agree |
|  |  | 2 | Agree |
|  |  | 3 | Disagree |
|  |  | 4 | Strongly disagree |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Prefer not to answer) |
| g_consent > ( 1 ) Part I: household survey > ( 0 ) Section 12: Social Cohesion and Trust > Trust Between Communities |  |  |  |
| sc_borrow_othcom (required) | (O123) Compared to other communities, how much do people in this community trust one another to borrow and loan items? <br> Question relevant when: \$\{password\} !=9334 | 1 | Worse than other communities |
|  |  | 2 | The same as other communities |
|  |  | 3 | Better than other communities |
| g_consent > ( I ) Part I: household survey > ( O ) Section 12: Social Cohesion and Trust > Friendship between Nationals and Refugees |  |  |  |
| sc_nat_intro | (O124A) I want to ask you some more questions about trust in your community. I want to ask you about nationals and refugees. By nationals, we mean Ugandans who live in the Kamwenge district <br> Question relevant when: \$\{refugee\} !=1 |  |  |
| sc_nat_natstrust (required) | (O125A) In general, would you say that: READ OUT OPTIONS <br> Question relevant when: \$\{password\} !=9334 | 3 | Nationals can be completely trusted |
|  |  | 2 | Nationals can be mostly trusted |
|  |  | 1 | Nationals can only be somewhat trusted |
|  |  | 0 | Nationals cannot be trusted at all |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Refuses to Answer) |
| sc_nat_reftrust (required) | (O126A) In general, would you say that: READ OUT OPTIONS <br> Question relevant when: \$\{password\} !=9334 | 3 | Refugees can be completely trusted |
|  |  | 2 | Refugees can be mostly trusted |
|  |  | 1 | Refugees can only be somewhat trusted |
|  |  | 0 | Refugees cannot be trusted at all |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Refuses to Answer) |
| sc_ref_intro | (O124B) I want to ask you some more questions about trust in your community. I want to ask you about refugees and nationals. By nationals, we mean Ugandans who live in the Kamwenge district <br> Question relevant when: $\$\{$ refugee $=1$ |  |  |
| sc_ref_reftrust (required) | (O125B) In general, would you say that: <br> READ OUT OPTIONS <br> Question relevant when: \$\{password\} !=9334 | 3 | Refugees can be completely trusted |
|  |  | 2 | Refugees can be mostly trusted |
|  |  | 1 | Refugees can only be somewhat trusted |
|  |  | 0 | Refugees cannot be trusted at all |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Refuses to Answer) |
| sc_ref_natstrust (required) | (O126B) In general, would you say that: <br> READ OUT OPTIONS <br> Question relevant when: \$\{password\} !=9334 | 3 | Nationals can be completely trusted |
|  |  | 2 | Nationals can be mostly trusted |
|  |  | 1 | Nationals can only be somewhat trusted |
|  |  | 0 | Nationals cannot be trusted at all |
|  |  | -99 | (Don't know) |
|  |  | -88 | (Refuses to Answer) |
| g_consent > ( 1 ) Part I: household survey > ( 0 ) Section 12: Social Cohesion and Trust > Community Problems |  |  |  |
| sc_peace (required) | (O127) In your opinion, would you say this community tends to be peaceful or not peaceful? Question relevant when: \$\{password\} !=9334 | 1 | Peaceful |
|  |  | 2 | Not peaceful |
| sc_peace1 (required) | (O127a) Somewhat more peaceful or a lot more peaceful? <br> Question relevant when: \$\{password\} !=9334 | 1 | Somewhat more peaceful |
|  |  | 2 A | A lot more peaceful |
| sc_conflict_comm (required) | (O128) Compared with other communities in the area, is there conflict in this community? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| sc_conflict_comm1 (required) | (O128a) A little more conflict or a lot more conflict compared with other communities in the area? <br> Question relevant when: \$\{password\} !=9334 | 1 | A little more conflict |
|  |  | 2 A | A lot more conflict |
|  |  |  |  |
| sc_conflict_comm_yn (required) | (O129) I have experienced problems in this community Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| sc_conflict_comm_yna (required) | (O129a) A few problems or a lot of problems? <br> Question relevant when: \$\{password\} !=9334 | 1 A | A few problems |
|  |  |  | A lot of problems |


| Field | Question | Answe |  |
| :---: | :---: | :---: | :---: |
| sc_conflict_comm_yn_reason (required) | (O130) Which of the following problems have you experienced? Question relevant when: \$\{password\} !=9334 | 1 | Harassment because of the way I look, the language I speak, or where I am from |
|  |  |  | Being called a name or being threatened in a language I did not understand or by another person or group of people |
|  |  |  | Being excluded from social events or community spaces (e.g. water point, town center, shops) |
|  |  |  | Being falsely accused of something I did not do |
|  |  | -66 Other |  |
| sc_conflict_comm_yn_osp (required) | (O1300) Please specify: what problems have you experienced? Question relevant when: \$\{password\} !=9334 |  |  |
| soccohesion_targetresp (required) | (O131) Was [p_targetresp_fullname] [target participant] the respondent of this section? Question relevant when: \$\{password\} !=9334 | Yes |  |
|  |  | 0 No |  |
| soccohesion_resp (required) | (O131b) Who was the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | 1 Household head: ... |  |
|  |  | 2 Other household member |  |
| generated_note_name_782 | You have arrived at the end of the household survey. |  |  |
| generated_note_name_786 | Now, we will do the individual participant survey with one individual. The respondent of this section is the targeted respondent: [p_targetresp_fullname] |  |  |
| consent_target (required) | (isec1) The respondent of this section is the targeted respondent: [p_targetresp_fullname] Does this person consent? <br> Question relevant when: \$\{password\} !=9334 | Yes |  |
|  |  | 0 No |  |
| consent_target_explain (required) | (isec1) Why not? <br> Question relevant when: \$\{password\} !=9334 |  |  |
| g_consent > (II) Part II: Target Respondent <br> Group relevant when: $\$\{$ consent_target\} $=1$ |  |  |  |
| prog_participant | (Q101) The respondent of this section is the targeted respondent: [p_targetresp_fullname] |  |  |
| g_consent > (II) Part II: Target Respondent > (P4p) Section 13: Target Respondent Participant Section |  |  |  |
| g_consent > (II) Part II: Target Respondent > (P4p) Section 13: Target Respondent Participant Section > Business Participant Section II Group relevant when: \$\{biz_targetresp\} !=1 |  |  |  |
| biz_respengage_p | (I108ap) Do you personally engage in any businesses? | 1 Yes |  |
|  |  | 0 No |  |
| biz_list_respengage_p | (1108p) Which businesses do you personally engage in? <br> Question relevant when: \$\{biz_respengage_p\} =1 | 1 (1) |  |
|  |  | 2 ... |  |
|  |  | 3 ... |  |
|  |  | 4 ... |  |
| g_consent > (II) Part II: Target Respondent > (P4p) Section 13: Target Respondent Participant Section > Business Participant Section II > Business engagement (1) <br> Group relevant when: $\$\{p a s s w o r d\}$ !=9334 |  | (Repeated group) |  |
| biz_30days_p (required) | (1109p) In the past 30 days, meaning from 14-Apr-2023 until yesterday, how many days have you worked on [biz_ind_name_r_p]? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 30) or . $=-99$ or . $=-88$ |  |  |
| biz_7days_p (required) | (110p) In the past 7 days, meaning from Sunday until yesterday, how many days have you worked on [biz_ind_name_r_p]? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 7) or .= -99 or . $=-88$ |  |  |
| biz_hours_p (required) | (I111p) In the past 7 days, meaning from Sunday until yesterday, how many hours in total have you worked on [biz_ind_name_r_p]? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 110) or .= -99 or . $=-88$ |  |  |
| g_consent > (II) Part II: Target Respondent > (P4p) Section 13: Target Respondent Participant Section > Livestock Participant Section II <br> Group relevant when: \$\{lstockact_targetresp\} !=1 |  |  |  |
| generated_note_name_809 | (E408p) [FOR TARGET PARTICIPANT ONLY] Now, we are going to talk about how much time you spent on your livestock activities |  |  |
| Istockbiz_30days_p (required) | (E410p) In the last 30 days, meaning from 14-Apr-2023 to yesterday, how many days did you work on your livestock business such as tending to the animals, selling or buying? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 30) or .= -99 or . $=-88$ |  |  |
| Istockbiz_7days_p (required) | (E411p) In the last 7 days, meaning from Sunday to yesterday, how many days did you work on your livestock business such as tending to the animals, selling or buying? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 7) or . $=-99$ or . $=-88$ |  |  |


| Field | Question | Answer |
| :---: | :---: | :---: |
| Istockbiz_hours_p (required) | (E412p) In the last 7 days, meaning from Sunday, how many hours in total did you work on your livestock business such as tending to the animals, selling or buying? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 110) or .= -99 or .= -88 |  |
| g_consent > (II) Part II: Target Resp <br> Group relevant when: \$\{farmact_ | $>(P 4 p)$ Section 13: Target Respondent Participant Section > Section 4A: Farming Participant Se sp\} !=1 | ction II |
| generated_note_name_816 | (F700p) [TARGET PARTICIPANT ONLY] Now, we are going to talk about how much time you spent on your farming activities |  |
| farming_last30days_p (required) | (F701p) In the last 30 days, meaning from 14-Apr-2023 to yesterday, did you work on your farming activities? <br> Question relevant when: \$\{password\} !=9334 | $\begin{aligned} & 1 \text { Yes } \\ & 0 \text { No } \end{aligned}$ |
| farming_30days_p (required) | (F702p) In the last 30 days, meaning from 14-Apr-2023 to yesterday, how many days did you work on your farming activities? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and.$<=30$ ) or.$=-99$ or.$=-88$ |  |
| farming_7days_p (required) | (F703p) In the last 7 days, meaning from Sunday to yesterday, how many days did you work on your farming activities? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: ( $>=0$ and.$<=7$ ) or.$=-99$ or.$=-88$ |  |
| farming_hours_p (required) | (F704p) In the last 7 days, meaning from Sunday to yesterday, how many hours in total did you work on your farming activities? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 110) or .= -99 or . $=-88$ |  |
| g_consent > (II) Part II: Target Resp <br> Group relevant when: \$\{emp_targ | $>$ (P4p) Section 13: Target Respondent Participant Section > Employment Participant Section II !=1 |  |
| outhh_empl_p (required) | (H116p) In the past 3 months, have you worked for pay or in-kind payment for any person outside your household or for any institution? <br> Question relevant when: \$\{password\} !=9334 | $1 \begin{array}{ll}1 & \text { Yes } \\ 0 & \text { No }\end{array}$ |
| generated_note_name_825 | (H117p) [TARGET PARTICIPANT ONLY] Now, we are going to talk about your employment activities |  |
| g_consent > (II) Part II: Target Respondent > (P4p) Section 13: Target Respondent Participant Section > Employment Participant Section (Repeated group) <br> II > Activity: Agricultural daily labor (1) <br> Group relevant when: \$\{outhh_empl_p\} =1 |  |  |
| empactp_p (required) | (H118p) In the past 3 months, have you engaged in Agricultural daily labor? | 1 Yes |
|  | Question relevant when: \$\{password\} !=9334 | 0 No |
| empact_3days_p (required) | (H119p) In the last 30 days, meaning from 14-Apr-2023 to yesterday, how many days did you work on Agricultural daily labor? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<=30) or . $=-99$ or . $=-88$ |  |
| empact_7days_p (required) | (H120p) In the last 7 days, meaning from Sunday to yesterday, how many days did you work on Agricultural daily labor? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: ( $>=0$ and.$<=7$ ) or.$=-99$ or.$=-88$ |  |
| empact_hours_p (required) | (H121p) In the last 7 days, meaning from Sunday to yesterday, how many hours in total did you work on Agricultural daily labor? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: (.>=0 and .<= 110) or $=-99$ or.$=-88$ |  |
| g_consent > (II) Part II: Target Respondent > (D) Section 14: Digit Span |  |  |
| g_consent > (II) Part II: Target Respondent > (D) Section 14: Digit Span > Digit Span: Forwards |  |  |
| digitsf_intro | (D100) In this game you will have to try to remember a sequence of numbers that you will hear. Listen carefully as I say some numbers. When I finish, you should repeat them back to me in the same order I said them to you. For example, if I say 786 (seven - eight- six), you should say 786 (seven - eight -six). <br> I will read each set of numbers only once so be careful to pay attention the first time. If you miss what l've said the first time, just try your best to repeat whatever you heard. |  |
| digitsf_intro2 | (D101) ENUMERATOR: <br> (1) Read each digit span at an even rate of one digit per second <br> (2) Read and score each part A first and then part B <br> (3) If the adult does not respond after hearing the question, do not encourage further <br> (4) Stop the test when the respondent misses both part A and part B of any ONE question <br> (5) To be scored as correct, no digits may be omitted or be in different order from what is given here |  |


| Field | Question | Answ |  |
| :---: | :---: | :---: | :---: |
| digits_1_1a (required) | (D102) Ready? Repeat after me, "2-3-4-5-6-7-8-9" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_1b (required) | (D103) Ready? Repeat after me, "4-5-6" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_2a (required) | (D104) Ready? Repeat after me, "3-8-6" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_2b (required) | (D105) Ready? Repeat after me, "6-1-2" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_3a (required) | (D106) Ready? Repeat after me, "3-4-1-7" <br> Question relevant when: \$\{password\} !=9334 | 1 | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_3b (required) | (D107) Ready? Repeat after me, "6-1-5-8" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_4a (required) | (D108) Ready? Repeat after me, "8-4-2-3-9" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_4b (required) | (D109) Ready? Repeat after me, "5-2-1-8-6" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_5a (required) | (D110) Ready? Repeat after me, "3-8-9-1-7-4" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_5b (required) | (D111) Ready? Repeat after me, "7-9-6-4-8-3" Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_6a (required) | (D112) Ready? Repeat after me, "5-1-7-4-2-3-8" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_6b (required) | (D113) Ready? Repeat after me, "9-8-5-2-1-6-3" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_7a (required) | (D114) Ready? Repeat after me, "1-6-4-5-9-7-6-3" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_7b (required) | (D115) Ready? Repeat after me, "2-9-7-6-3-1-5-4" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_8a (required) | (D116) Ready? Repeat after me, "5-3-8-7-1-2-4-6-9" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_1_8b (required) | (D117) Ready? Repeat after me, "4-2-6-9-1-7-8-3-5" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly |
|  |  |  | Respondent did not repeat the numbers exactly |
| end_digitforward | Thank you. We are are moving on to the next section of the game |  |  |
| g_consent > (II) Part II: Target Respondent > (D) Section 14: Digit Span > Digit Span: Backward |  |  |  |
| digitsb_intro | (D118) In this game you will have to remember a sequence of numbers that you will hear. Listen carefully as I say some numbers. When I finish, you should repeat them back to me, but this time I want you to say them backwards. For example, if I say "9-2-7" what would you say? If respondent says "7-2-9" say, "that is correct." If the respondent does not say "7-2-9," say "No, you should say $7-2-9$, I said 9-2-7, remember to put them backwards." |  |  |
| digits_2_1a (required) | (D119) Ready? Say backwards, "2-5" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly (5-2) |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_1b (required) | (D120) Ready? Say backwards, "6-3" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly (3-6) |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_2a (required) | (D121) Ready? Say backwards, "5-7-4" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(4-7-5)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_2b (required) | (D122) Ready? Say backwards, "2-5-9" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly (9-5-2) |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_3a (required) | (D123) Ready? Say backwards, "7-2-9-6" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly (6-9-2-7) |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_3b (required) | (D124) Ready? Say backwards, "8-4-9-3" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly (3-9-4-8) |
|  |  | 0 | Respondent did not repeat the numbers exactly |
| digits_2_4a (required) | (D125) Ready? Say backwards, "4-1-3-5-7" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(7-5-3-1-4)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_4b (required) | (D126) Ready? Say backwards, "9-7-8-5-2" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly (2-5-8-7-9) |
|  |  |  | Respondent did not repeat the numbers exactly |


| Field | Question | Answ |  |
| :---: | :---: | :---: | :---: |
| digits_2_5a (required) | (D127) Ready? Say backwards, "1-6-5-2-9-8" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(8-9-2-5-6-1)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_5b (required) | (D128) Ready? Say backwards, "3-6-7-1-9-4" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(4-9-1-7-6-3)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_6a (required) | (D129) Ready? Say backwards, "8-5-9-2-3-4-2" <br> Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(2-4-3-2-9-5-8)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_6b (required) | (D130) Ready? Say backwards, "4-5-7-9-2-8-1" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(1-8-2-9-7-5-4)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_7a (required) | (D131) Ready? Say backwards, "6-9-1-6-3-2-5-8" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(8-5-2-3-6-1-9-6)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| digits_2_7b (required) | (D132) Ready? Say backwards, "3-1-7-9-5-4-8-2" Question relevant when: \$\{password\} !=9334 |  | Respondent repeated the numbers exactly $(2-8-4-5-9-7-1-3)$ |
|  |  |  | Respondent did not repeat the numbers exactly |
| g_consent > (II) Part II: Target Respondent > (K) Section 15A: Kessler K10 |  |  |  |
| k10_intro | (K100) These questions concern how you have been feeling over the past 30 days. Please choose the option between none of the time, a little of the time, some fo the time, most of the time, all of the time, that best represents how you have been <br> ENUMERATOR: USE GRAPHIC 2 of this section. 5 means, all of the time, and 1 means none of the time |  |  |
| kessler1_tired (required) | (K101) During the last 30 days, about how often did you feel tired for no reason? <br> ...did you feel like you were tired and had no energy, even though you didn't have a good reason for feeling this way? ENUMERATOR: USE THE 5 POINT SCALE HERE <br> Question relevant when: \$\{password\} !=9334 |  | None of the time |
|  |  | 2 | A little of the time |
|  |  | 3 | Some of the time |
|  |  | 4 | Most of the time |
|  |  | 5 | 5 All of the time |
| kessler2_nervous (required) | (K102) During the last 30 days, about how often did you feel nervous? ...feel nerves or anxiousness?<br>ENUMERATOR: USE THE 5 POINT SCALE HERE Question relevant when: \$\{password\} !=9334 | 1 | 1 None of the time |
|  |  |  | A little of the time |
|  |  |  | Some of the time |
|  |  | 4 | 4 Most of the time |
|  |  |  | All of the time |
| kessler3_nocalm (required) | (K103) During the last 30 days, about how often did you feel so nervous that nothing could calm you down? <br> ...were so nervous that no matter what you or others did you were unable to calm down?<br/>ENUMERATOR: USE THE 5 POINT SCALE HERE <br> Question relevant when: \$\{password\} !=9334 |  | None of the time |
|  |  | 2 | 2 A little of the time |
|  |  | 3 | 3 Some of the time |
|  |  |  | Most of the time |
|  |  |  | All of the time |
| kessler4_helpless (required) | (K104) During the last 30 days, about how often did you feel helpless? <br> ...did you feel like you had no control over your life, like you couldn't do anything? <br/>ENUMERATOR: USE THE 5 POINT SCALE HERE <br> Question relevant when: \$\{password\} !=9334 |  | 1 None of the time |
|  |  |  | A little of the time |
|  |  |  | Some of the time |
|  |  |  | Most of the time |
|  |  |  | 5 All of the time |
| kessler5_restless (required) | (K105) During the last 30 days, about how often did you feel restless or fidgety? <br> ....were you unable to relax or be calm as a result of being anxious? ENUMERATOR: USE THE 5 POINT SCALE HERE <br> Question relevant when: \$\{password\} !=9334 |  | None of the time |
|  |  | 2 | A little of the time |
|  |  | 3 | 3 Some of the time |
|  |  | 4 | Most of the time |
|  |  |  | 5 All of the time |
| kessler6_nosit (required) | (K106) During the last 30 days, about how often did you feel so restless that you could not sit still? <br> ...were you unable to rest or be calm because of your anxiousness so much so that you could not sit still? <br> <br/>ENUMERATOR: USE THE 5 POINT SCALE HERE <br> Question relevant when: \$\{password\} !=9334 | 1 | 1 None of the time |
|  |  | 2 | 2 A little of the time |
|  |  |  | Some of the time |
|  |  |  | Most of the time |
|  |  |  | All of the time |
| kessler7_depressed (required) | (K107) During the last 30 days, about how often did you feel depressed? <br> ...did you feel sad, distant from the rest of the world, with low energy?<br/>ENUMERATOR: USE THE 5 POINT SCALE HERE <br> Question relevant when: \$\{password\} !=9334 | 1 | 1 None of the time |
|  |  |  | 2 A little of the time |
|  |  | 3 | 3 Some of the time |
|  |  |  | Most of the time |
|  |  |  | 5 All of the time |
| kessler8_effort (required) | (K108) During the last 30 days, about how often did you feel that everything was an effort ...did you feel that doing everything was very difficult?<br/><br/>USE THE 5 POINT SCALE HERE Question relevant when: \$\{password\} !=9334 |  | None of the time |
|  |  |  | 2 A little of the time |
|  |  |  | Some of the time |
|  |  |  | 4 Most of the time |
|  |  |  | 5 All of the time |



| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| future_relative_ses (required) | (Q208) Where do you think you will be on this ladder 5 years from now - in terms of your economic status? <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| child_age_below16 (required) | (Q209) Do you have a child or grandchild below 16 years old? <br> It can be a child below the age of 16 in the respondent's household or outside their household. <br> Question relevant when: \$\{password\} !=9334 | 1 Yes |  |
|  |  |  |  |
| child_education_achieve (required) | (Q210) Now think about your youngest child or grandchild, whichever is younger. What level of education do you think this child will achieve? <br> Question relevant when: \$\{password\} !=9334 | 0 | Never attended school / did not complete class |
|  |  | 111 | Pre-Primary 1 |
|  |  | 222 | Pre-Primary 2 |
|  |  | 333 | Pre-Primary 3 |
|  |  | 1 | P1 |
|  |  | 2 | P2 |
|  |  | 3 | P3 |
|  |  | 4 | P4 |
|  |  | 5 | P5 |
|  |  | 6 | P6 |
|  |  | 7 | P7 |
|  |  | 11 | S1 |
|  |  | 12 | S2 |
|  |  | 13 | S3 |
|  |  | 14 | S4 |
|  |  | 15 | S5 |
|  |  | 16 | S6 |
|  |  | 20 | Polytechnic |
|  |  | 21 | Informal Training |
|  |  | 22 | College (non-University) |
|  |  | 30 | University |
|  |  | -88 | Refused |
|  |  | -66 | Other, specify |
| child_aspirations (required) | (Q211) Now think about your youngest child or grandchild, whichever is younger. What do you think will be their position on the stairs when they become 30 years old? Please point at the step on the stairs where you think they will stand at that time. <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 10 | 10 - highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| child_age_above30 (required) | (Q212) Is your youngest child or grandchild older than 30 years old? Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 1 Yes |  |
|  |  | 0 No |  |
| child_aspirations_above30 (required) | (Q213) Now think about your youngest child or grandchild, whichever is younger. What do you think is their position on the stairs? Please point at the step on the stairs where you think they stand at the moment. <br> Question relevant when: $\$\{p a s s w o r d\}$ !=9334 | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |



| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| eff_confrontprob (required) | (S308) When I am confronted with a problem, I can find several solutions <br> Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| eff_trouble (required) | (S309) If I am in trouble, I can think of a good solution Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| eff_handle (required) | (S310) I can handle whatever comes my way Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| g_consent > (II) Part II: Target Respondent > (S4) Section 17B: Grit Questions |  |  |  |
| git_intro | (S400) Now, I would like to ask you questions about your passion and effort towards goals. Please respond to the following statements with: strongly agree, agree, disagree, or strongly disagree |  |  |
| grit_newidea (required) | (S401) New ideas and projects sometimes distract me from previous ones Question relevant when: $\$\{$ password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| grit_setback (required) | (S402) Setbacks don't discourage me <br> Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| grit_setgoal (required) | (S403) I often set a goal but later choose to pursue a different one. <br> Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| grit_hardwork (required) | (S404) I am a hard worker <br> Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| grit_focus (required) | (S405) I have difficulty maintaining my focus on projects that take more than a few months to complete. <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| grit_finishall (required) | (S406) I finish whatever I begin Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| grit_interest (required) | (S407) My interests change from year to year <br> Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |
| grit_diligent (required) | (S408) I am diligent <br> Question relevant when: \$\{password\} !=9334 | 4 | Strongly agree |
|  |  | 3 | Agree |
|  |  | 2 | Disagree |
|  |  | 1 | Strongly disagree |
|  |  | -88 | (Prefer not to answer) |



| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
|  |  | 5 | Not like me at all |
| sc10_alterantives (required) | (S510) I often act without thinking through all the alternatives. <br> If there is something I can do, I will often go ahead and do it, without stopping to think about what my other options are <br>ENUMERATOR: USE THE 5 POINT SCALE HERE <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 1 | Very much like me |
|  |  | 2 | Mostly like me |
|  |  | 3 | Somewhat like me |
|  |  | 4 | Not much like me |
|  |  | 5 | Not like me at all |
| g_consent > (II) Part II: Target Respondent > (I) Section 18: Interpersonal Psychotherapy |  |  |  |
| g_consent > (II) Part II: Target Respondent > (I) Section 18: Interpersonal Psychotherapy > (I1) Patient Health Questionnaire |  |  |  |
| phq_intro | (1100) Over the last 2 weeks, how often have you been bothered <br> by any of the following problems? <br> ENUMERATOR: IF ENUMERATOR FACED ANY PROBLEM ASK. 1. Not difficult at all 2 . Somenhat difficult 3 . Very difficult 4. Extremely difficult |  |  |
| phq_interest (required) | (I101) Little interest or pleasure in doing things Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_depress (required) | (I102) Feeling down, depressed, or hopeless Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_trouble (required) | (1103) Trouble falling or staying asleep, or sleeping too much Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_tired (required) | (1104) Feeling tired or having little energy Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_appetite (required) | (I105) Poor appetite or overeating <br> Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_feeling (required) | (I106) Feeling bad about yourself - or that you are a failure or have let yourself or your family down <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_concentrate (required) | (1107) Trouble concentrating on things, such as reading the newspaper or watching television Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_speak (required) | (1108) Moving or speaking so slowly that other people could have noticed? Or the opposite - being so fidgety or restless that you have been moving around a lot more than usual Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| phq_thought (required) | (I109) Thoughts that you would be better off dead or of hurting yourself in some way <br> Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| g_consent > (II) Part II: Target Respondent > (I) Section 18: Interpersonal Psychotherapy > (I2) Anxiety |  |  |  |
| gad_intro | (I200) Over the last two weeks, how often have you been bothered by the following problems? <br> Please respond not at all, several days, more than half the days or nearly everyday |  |  |
| gad_anxious (required) | (I201) Feeling nervous, anxious, or on edge Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| gad_control (required) | (1202) Not being able to stop or control worrying Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |
| gad_worry (required) | (I203) Worrying too much about different things Question relevant when: \$\{password\} !=9334 | 0 | Not at all |
|  |  | 1 | Several days |
|  |  | 2 | More than half the days |
|  |  | 3 | Nearly every day |



| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
|  |  | 3 | Most of the time |
|  |  | 4 | All of the time |
| worth_useless (required) | (1503) How often do you feel useless? <br> Question relevant when: \$\{password\} !=9334 | 1 | Rarely |
|  |  | 2 | Sometimes |
|  |  | 3 | Most of the time |
|  |  | 4 | All of the time |
| worth_family (required) | (1504) How often do you feel like a good member of your family, whatever "good" means to you? <br> Question relevant when: \$\{password\} !=9334 | 1 | Rarely |
|  |  | 2 | Sometimes |
|  |  | 3 | Most of the time |
|  |  | 4 | All of the time |
| worth_community (required) | (I505) How often do you feel like a good member of your community, whatever "good" means to you? <br> Question relevant when: \$\{password\} !=9334 | 1 | Rarely |
|  |  | 2 | Sometimes |
|  |  | 3 | Most of the time |
|  |  | 4 | All of the time |
| worth_famresp (required) | (1506) How often do you feel respected by other members of your family and community? <br> Question relevant when: \$\{password\} !=9334 | 1 | Rarely |
|  |  | 2 | Sometimes |
|  |  | 3 | Most of the time |
|  |  | 4 | All of the time |
| worth_comresp (required) | (1507) How often do you feel that other people in your family and community listen to your opinions? <br> Question relevant when: \$\{password\} !=9334 | 1 | Rarely |
|  |  | 2 | Sometimes |
|  |  | 3 | Most of the time |
|  |  | 4 | All of the time |
| targetrespo_gender (required) | (T200a) Is [p_targetresp_fullname] female? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| targetresp_livewtpartner (required) | (T200b) Does [p_targetresp_fullname] live with her partner? Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| g_consent > (II) Part II: Target Respondent > (L4) Section 19: Gender and Household Decision-Making Group relevant when: $\$\{$ targetrespo_gender\} =1 |  |  |  |
| gender_intro | Now, I will ask you about your membership in groups in your community |  |  |
| g_consent > (II) Part II: Target Respondent > (L4) Section 19: Gender and Household Decision-Making > Group membership |  |  |  |
| gender_14_04 (required) | (L404) Are there any of the following groups in your community? <br> READ THE OPTIONS <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) = 1, countselected.. ) >= 1) | gender_14_04_key gender_14_04_label |  |
| gender_14_04_osp (required) | Specify the other group <br> Question relevant when: \$\{password\} !=9334 |  |  |
| g_consent > (II) Part II: Target Respondent > (L4) Section 19: Gender and Household Decision-Making > Group membership > [gender_group_label] (1) |  | (Repeated group) |  |
| g_consent > (II) Part II: Target Respondent > (L4) Section 19: Gender and Household Decision-Making > Group membership > [gender_group_label] (1) > Group [gender_group_label] in this community <br> Group relevant when: \$\{gender_group_exists\} =1 |  |  |  |
| gender_14_05 (required) | (L405) Have you been an active member of this [gender_group_label] in the last 6 months? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
| gender_14_06 (required) | (L406) Have you held a position of responsibility in this [gender_group_label] in the last 6 months? <br> Question relevant when: \$\{password\} !=9334 | 1 | Yes |
|  |  | 0 | No |
|  |  |  |  |
| decision_making_intro | Now, I will ask you to which extent you can influence decisions in your household |  |  |
| g_consent > (II) Part II: Target Respondent > (L4) Section 19: Gender and Household Decision-Making > Decision making |  |  |  |
| influ_ext_food (required) | (L600) To what extent do you feel you can influence decisions regarding food? <br> Question relevant when: \$\{password\} !=9334 | 1 | A lot |
|  |  | 2 | A little |
| influ_ext_cloth (required) | (L601) To what extent do you feel you can influence decisions regarding clothing? Question relevant when: \$\{password\} !=9334 | 1 | A lot |
|  |  | 2 | A little |
| influ_ext_educ (required) | (L602) To what extent do you feel you can influence decisions regarding education? <br> Question relevant when: \$\{password\} !=9334 | 1 | A lot |
|  |  | 2 | A little |
| influ_ext_health (required) | (L603) To what extent do you feel you can influence decisions regarding health? <br> Question relevant when: \$\{password\} !=9334 | 1 | A lot |
|  |  |  | A little |
| influ_ext_repair (required) | (L604) To what extent do you feel you can influence decisions regarding home improvement/repair? <br> Question relevant when: \$\{password\} !=9334 | 1 | A lot |
|  |  |  | A little |
|  |  |  |  |
| g_consent > (II) Part II: Target Res <br> Group relevant when: \$\{targetre | t > (L4) Section 19: Gender and Household Decision-Making > Work of Spouse wtpartner\} =1 |  |  |





| Field | Question | Answer |
| :---: | :---: | :---: |
| seenbygipt_qual (required) | (S126) \# 1 They might say I am ... <br> Question relevant when: \$\{password\} !=9334 |  |
| gipt_posneg_r (required) | (S126b) ENUMERATOR: Ask respondent if not obvious; but code yourself without asking if obvious (e.g. happy = positive; jealous $=$ negative ) <br> Question relevant when: \$\{password\} !=9334 | 0 Negative |
|  |  | 1 Positive |
|  |  | 2 Neither |
| seen_bygrpt (required) | (S127) Did you feel that you were seen more negatively or more positively by other members of your coaching group? <br> Question relevant when: \$\{password\} !=9334 | 1 Very negatively |
|  |  | 2 Somewhat negatively |
|  |  | 3 Neither positively nor negatively |
|  |  | 4 Somewhat positively |
|  |  | 5 Very positively |
| seen_note2 | What are three words or phrases that you think other members of your coaching group would use to describe you? These may be positive, negative, or neutral. |  |
| g_consent > (II) Part II: Target Respondent > (S1) Section 21: Program Participant Survey: Social Capital > (S1b) Self Description > Coach Description (1) |  | (Repeated group) |
| seenbygrpt_qual (required) | (S128) \#1 They might say I am ... <br> Question relevant when: \$\{password\} !=9334 |  |
| grpt_posneg_r (required) | (S128b) ENUMERATOR: Ask respondent if not obvious; but code yourself without asking if obvious (e.g. happy $=$ positive; jealous $=$ negative $)$ <br> Question relevant when: \$\{password\} !=9334 | 0 Negative |
|  |  | 1 Positive |
|  |  | 2 Neither |
| g_consent > (II) Part II: Target Respondent > (S1) Section 21: Program Participant Survey: Social Capital > social_capital |  |  |
| sec_closeness_note | (S108) I would now like to ask you how close and connected you feel to different people in your life. I'll use my hands to show different degrees of closeness where you are my right hand and the other people are my left hand. <br> ENUMERATOR: - (1) Independent, [Enumerator: spread your hands wider than your shoulders] <brl>(2) Somewhat close, [Enumerator: spread your hands to the width of your shoulders] <br>>(3) Very close, like this [Enumerator: put your hands a little closer]<br>>- or (4) Integrated, like this [Enumerator: hands joined] |  |
| close_household (required) | (S109) I would now like to ask you how close you are to your household. This hand represents you, and the other represents your household. In relation to your household, do you feel more like: <br> Question relevant when: \$\{password\} !=9334 | 1 Independent |
|  |  | 2 Somewhat close |
|  |  | 3 Very close |
|  |  | 4 Integrated |
| close_spouse (required) | (S110) I would now like to ask you how close you feel to your community. Now this hand represents you, and the other represents your community. In relation to your community, do you feel more like: <br> Question relevant when: \$\{password\} !=9334 | 1 Independent |
|  |  | 2 Somewhat close |
|  |  | 3 Very close |
|  |  | 4 Integrated |
| close_community (required) | (S111) I would now like to ask you how close you feel to your spouse. Now this hand represents you, and the other represents your spouse. In relation to your spouse, do you feel more like: <br> Question relevant when: \$\{password\} !=9334 | 1 Independent |
|  |  | 2 Somewhat close |
|  |  | 3 Very close |
|  |  | 4 Integrated |
| share_goals_note | (S112) I will read a few statements and I'd like you to tell me whether you agree or disagree with them. Please note that there are no right or wrong answers. |  |
| values_community (required) | (S113) People in my community do not share the same values Question relevant when: \$\{password\} !=9334 | 1 Strongly agree |
|  |  | 2 Agree |
|  |  | 3 Disagree |
|  |  | 4 Strongly disagree |
|  |  | -99 (Don't know) |
|  |  | -88 (Prefer not to answer) |
| goals_community (required) | (S114) I feel that I share goals and hopes in common with other people in my community Question relevant when: \$\{password\} !=9334 | 1 Strongly agree |
|  |  | 2 Agree |
|  |  | 3 Disagree |
|  |  | 4 Strongly disagree |
|  |  | -99 (Don't know) |
|  |  | -88 (Prefer not to answer) |
| goals_challenges (required) | (S115) I believe that other people in my community experience worries and challenges just like I do Question relevant when: \$\{password\} !=9334 | 1 Strongly agree |
|  |  | 2 Agree |
|  |  | 3 Disagree |
|  |  | 4 Strongly disagree |
|  |  | -99 (Don't know) |
|  |  | -88 (Prefer not to answer) |
| g_consent > (II) Part II: Target Respondent > (S2) Section 22: Social Networks |  |  |
| sn_hhrel_note | Now, we will talk about other members of the households you may know from your village. |  |
| sn_hhrel_list (required) | (S201) I will now read you a list of $\mathbf{6 0}$ members of other households in your village. Please tell me if you know them or anyone else in their households <br> ENUMERATOR: READ OUT EACH NAME TO THE RESPONDENT AND SELECT EVERY PERSON THAT HE/SHE KNOWS <br> Question relevant when: \$\{password\} !=9334 | peer_id peer_name |
|  |  | 0 None |
|  |  | -88 (Prefer not to answer) |
|  |  |  |

## Question

Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) $=1$, countselected(.) >=1)
(S202) If you needed advice on an issue related to farming or business, would you consider going to any of these people to ask for their advice?

Question relevant when: \$\{password\} !=9334
Response constrained to: if(selected(., -88) or selected(., 0 ), count-selected(.) $=1$, countselected(.) >= 1)

## Answer



| Field | Question | Answe |  |
| :---: | :---: | :---: | :---: |
|  |  | -88 | (Prefer not to answer) |
| sn_hhrel_adv_12m (required) | (S202B) Over the past year, did you go to ask any of them for advice about farming or | 1 | ... |
|  | business? | 2 | ... |
|  | Question relevant when: \$\{password\} !=9334 | 3 | ... |
|  | esponse constrained to: if(selected(., -88) or selected(., 0), count-selected(.) $=1$, count- | 4 | ... |
|  | selected(.) >= 1) | 5 | ... |
|  |  | 6 | ... |
|  |  | 7 | ... |
|  |  | 8 | ... |
|  |  | 9 | ... |
|  |  | 10 | ... |
|  |  | 11 | ... |
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|  |  | 33 | ... |
|  |  | 34 | ... |
|  |  | 35 | ... |
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|  |  | 56 | ... |
|  |  | 57 | ... |
|  |  | 58 | ... |
|  |  | 59 | ... |
|  |  | 60 | ... |
|  |  | 0 | None |
|  |  | -88 | (Prefer not to answer) |

## Field

sn_hhrel_cred (required)

## Question

(S203) Over the past year, have you borrowed money from any of these people or lent money to any of these people?

Question relevant when: \$\{password\} !=9334
Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) = 1, countselected(.) >=1)

## Answer

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60.

0 None
-88 (Prefer not to answer)

## Question

## Answer

(S204) If you had the chance to invest in an income generating activity together with someone else, would you consider investing together with any of these people?
ENUMERATOR: An income generating activity could be any business, livestock rearing or farming Question relevant when: \$\{password\} !=9334
Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) = 1, countselected(.) >= 1)
sn_hhrel_inv (required)

## Field

sn_hhrel_inv_12m (required)

## Question

## Answer

(S204B) Over the past year, did you invest in an income generating activity together with any of these people?
ENUMERATOR: An income generating activity could be any business, livestock rearing or farming Question relevant when: \$\{password\} !=9334

Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) = 1, countselected(.) >= 1)

|  | 1 | $\ldots$ |
| :--- | :--- | :--- |
| 2 | $\ldots$ |  |
| 3 | $\ldots$ |  |
|  | 4 | $\ldots$ |
|  | 5 | $\ldots$ |
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|  | 8 |  |
|  | 9 |  |

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50 ..
51 ..
52 .
53 ..
54 ..
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57 .
58 .
59 .
60 .
0 None
-88 (Prefer not to answer)

## Question

sn_hhrel_disp (required)
(S205) If you needed advice on how to handle a dispute or conflict with someone in your household or community, would you consider going to any of these people to ask for their advice?

Question relevant when: \$\{password\} !=9334
Response constrained to: if(selected(., -88) or selected(., 0 ), count-selected(.) $=1$, count selected(.) >=1)

## Answer



## Question

(S205B) Is there anyone else not on this list that you would consider going to for such advice? Question relevant when: \$\{password\} !=9334

## sn hhrel adv2 (required)

(S206) Have any of these people come to you for advice in the last 6 months (for instance about their livelihoods, social disputes, etc.)? Question relevant when: \$\{password\} !=9334
Response constrained to: if(selected(., -88) or selected(., 0), count-selected(.) $=1$, countselected(.) >= 1)

## Answer

- | 1 |
| :--- |
| 2 | .

$\qquad$


| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
|  | Response constrained to: : $=1500000-\$$ ccoach_amt\} |  |  |
| g_consent > (II) Part II: Target Respondent > (P1) Section 23: Program Preferences > IPT Preferences |  |  |  |
| ipt_cash_intro | Now consider the following case. There's an organization that wants to reach more people like you in neighboring communities. The organization is providing interpersonal therapy coaching sessions like the interpersonal therapy you've been receiving for three months and they also make cash transfers to people. Say they have 300,000 UGX that they can spend on programs for each participant. Think about how valuable the interpersonal therapy program and the cash transfers have been to you. How much of this amount do you recommend that the organization spend on providing interpersonal therapy versus providing cash transfers? (Note the sums must add up to 300,000 UGX) |  |  |
| ipt_amt (required) | (P106a) How much of this amount [300,000 UGX] do you recommend that the organization spend on providing interpersonal therapy? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . >= 0 and . $<=300000$ |  |  |
| ipt_cash_amt (required) | (P106b) How much of this amount [300,000 UGX] do you recommend that the organization spend on providing cash transfers? <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: . $=300000-\$\left\{i p t \_a m t\right\}$ |  |  |
| g_consent > (II) Part II: Target Respondent > (P3) Section 25: Coaching <br> Group relevant when: selected( \$\{pref_ngo\}, '14') or \$\{pref_ngo_avsi\} =1 or \$\{pref_ngo_usaid\} =1 |  |  |  |
| coaching_into | (P300) We know that no coach is perfect. Even great coaches can improve. Our goal is to learn from participants like you about what coach characteristics matter the most to your success. Please listen to the following statements and rate your coach from 1 to 10 , where 1 is the lowest rating and 10 is the best possible rating. A rating of 5 or 6 is in the middle. Remember, your answers will not be shared with your coach. [ENUMERATOR: Re-emphasize that the answers won't be shared with coaches and this information is strictly confidential. Use the 10 point scale ladder] |  |  |
| coach_1 (required) | (P301) My coach is very passionate about helping families succeed. <br> Question relevant when: \$\{password\} !=9334 | 10 | 10 - highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_2 (required) | (P302) My coach respects confidentiality; I trust them to keep information private. <br> Question relevant when: $\$\{$ password\} ! $=9334$ | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_3 (required) | (P303) My coach is a role model who teaches by example. <br> Question relevant when: \$\{password\} !=9334 | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |


| Field | Question | Answe |  |
| :---: | :---: | :---: | :---: |
| coach_4 (required) | (P304) My coach is humble and serves people in a respectful way. <br> Question relevant when: \$\{password\} !=9334 | 10 | $10-$ highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_5 (required) | (P305) My coach is trustworthy; they keep their promises and work in my best interest. <br> Question relevant when: \$\{password\} !=9334 | 10 | 10-highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_6 (required) | (P306) My coach appears confident and comfortable in the coaching role. <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ | 10 | 10-highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1-lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_7 (required) | (P307) My coach is non-judgmental and accepts people for who they are. Question relevant when: \$\{password\} !=9334 | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_8 (required) | (P308) My coach is knowledgeable and knows how to help families succeed. <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ | 10 | 10 - highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1-lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_9 (required) | (P309) My coach is approachable and relatable (like a family member). Question relevant when: \$\{password\} !=9334 | 10 | 10 - highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
| 118 |  |  | nnex C: Survey Instrument |


| Field | Question | Answer |  |
| :---: | :---: | :---: | :---: |
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|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_10 (required) | (P310) My coach is kind-hearted and caring. <br> Question relevant when: \$\{password\} !=9334 | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_11 (required) | (P311) My coach is patient, even when people are struggling. Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_12 (required) | (P312) My coach is engaging, able to capture my attention and pull me into the discussion Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ | 10 | 10 - highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_13 (required) | (P313) My coach really understands my background. <br> Question relevant when: \$\{password\} !=9334 | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |
|  |  | 4 | 4 |
|  |  | 3 | 3 |
|  |  | 2 | 2 |
|  |  | 1 | 1 - lowest |
|  |  | -99 | Don't Know |
|  |  | -88 | Refused/Skip |
| coach_14 (required) | (P314) My coach is motivational and encourages people to believe in themselves. Question relevant when: \$\{password\} !=9334 | 10 | 10 -highest |
|  |  | 9 | 9 |
|  |  | 8 | 8 |
|  |  | 7 | 7 |
|  |  | 6 | 6 |
|  |  | 5 | 5 |



| Field | Question | Answer |
| :---: | :---: | :---: |
|  | We would like respondents to say as much as they can for these questions. <br> Respondents will have at least 1 minute to answer each question. Some respondents may respond briefly. The recording should continue for at least 1 minute. To incentivize the respondent to elaborate, say "thank you, anything else?" if they stop talking. <br> If the respondent says they don't understand the question, respond "the question is how you interpret it, you can respond however you like." and repeat the question. |  |
| nip_intro | (X102) INTRODUCTION <br> Now l'd like to ask some open-ended questions about you and your life. There are no right or wrong answers or interpretation of these questions. You can respond however you like. We just want to hear about your experience. I would like to record your voice using audio recording so we can understand more about you. <br> You will have at least one minute to answer each of these questions so take the time to explain as much as you need. |  |
| nlp_consent (required) | (X103) Would you like to proceed? You can tell me to stop at any time. Question relevant when: \$\{password\} !=9334 | 1 Yes |
| nlp_consent_whynot (required) | What is the reason of the refusal? <br> Question relevant when: \$\{password\} !=9334 |  |
| (X) Open ended questions > Open end Group relevant when: \$\{nlp_consent | stions, consented |  |
| nlp_instructions2 | (X104) ENUMERATOR INSTRUCTIONS. DO NOT READ <br> If yes, leave recording on for at least 1 minute for each question. Answer "thank you, anything else?" if the respondent stops talking. <br> If the respondent says they don't understand the question, respond "the question is how you interpret it, you can respond however you like." and repeat the question. |  |
| nlp_instructions3 | (X105) (X105) ENUMERATOR INSTRUCTIONS TO EASE THE RECORDING. DO NOT READ Instruction to ease the recording. For each of these questions, the recording starts as soon as you enter the screen of the question (question slide). <br> For SurveyCTO to know the exact time at which you are done reading the question, please swipe to the next screen AS SOON AS you are done reading the question. <br> DO NOT start reading before you reach the field of the question. |  |
| (X) Open ended questions > Open | estions, consented > nlp_typicalday_gp |  |
| nlp_typicalday_question | (X201) What do you do on a typical day? The question is how you interpret it, you can respond however you like. You do not have to rush. You have at least a minute to answer this question ENUMERATOR: swipe to the next question as soon as you are done reading the question |  |
| nlp_typicalday_answer (required) | (X202) ENUMERATOR, DO NOT READ, <br> start the timer <br> stay on this field while you are recording the question <br> Only swipe when the respondent is done <br> You won't be able to swipe before 60 seconds <br> Question relevant when: \$\{password\} !=9334 |  |
| nlp_typicalday_endcomment | (X203) Thank you for your answer |  |
| (X) Open ended questions > Open ended questions, consented > nlp_important_gp |  |  |
| nlp_important_question | (X301) In your life, what is most important to you? The question is how you interpret it, you can respond however you like. You do not have to rush. You have at least a minute to answer this question |  |
| nlp_important_answer (required) | (X302) ENUMERATOR, DO NOT READ, <br> start the timer <br> stay on this field while you are recording the question <br> Only swipe when the respondent is done <br> You won't be able to swipe before 60 seconds <br> Question relevant when: $\$\{p a s s w o r d\}$ ! $=9334$ |  |
| nlp_important_endcomment | (X303) Thank you for your answer |  |
| $(\mathrm{X})$ Open ended questions > Open ended questions, consented > nlp_economic_gp |  |  |
| nlp_economic_question | (X401) How would you describe your household economic situation these days? The question is how you interpret it, you can respond however you like. You do not have to rush. You have at least a minute to answer this question |  |


| Field | Question | Answer |
| :---: | :---: | :---: |
| nlp_economic_answer | (X402) ENUMERATOR, DO NOT READ, <br> start the timer <br> stay on this field while you are recording the question <br> Only swipe when the respondent is done <br> You won't be able to swipe before 60 seconds |  |
| nlp_economic_endcomment | (X403) Thank you for your answer |  |
| (X) Open ended questions > Open e | ions, consented > nlp_children_gp |  |
| nlp_children_question | Can you tell me about the hopes and dreams you have for your children? The question is how you interpret it, you can respond however you like. You do not have to rush. You have at least a minute to answer this question |  |
| nlp_children_answer | (X502) ENUMERATOR, DO NOT READ, <br> start the timer <br> stay on this field while you are recording the question <br> Only swipe when the respondent is done <br> You won't be able to swipe before 60 seconds |  |
| nlp_children_endcomment | (X503) Thank you for your answer |  |
| nip_targetresp (required) | (X404) Was [p_targetresp_fullname] [target participant] the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | $\begin{array}{\|l\|l\|} \hline 1 & \mathrm{Yes} \\ \hline 0 \mathrm{No} \\ \hline \end{array}$ |
| nlp_resp (required) | (X404a) Who was the respondent of this section? <br> Question relevant when: \$\{password\} !=9334 | 1 Household head: ... <br> 2 Other household member |
| test <br> Group relevant when: selected( \$\{enum <br> \$\{enumeratorid\}, '20011') | d\} , '50012') or selected( \$\{enumeratorid\} , '50017') or selected (\$\{enumeratorid\} , '20015') or selected | d (\$\{enumeratorid\} , '20012') or selected( |
| intro_test | (X100) For our last section, I will read to you several TRUE or FALSE statements. You should NOT tell me your answer to each statement. Instead, you will tell me how many statements are TRUE for you. <br> For instance, if I say, "Matoke is your favorite food" and "You write and draw with your left hand", you would tell me how many of these statements are TRUE for you: none, 1, or 2 statements. <br> This last section is completely anonymous. I will NOT know your answer to any specific statement. You will just give me a number. Does this make sense? |  |
| version_a | (X101) Enumerator: Read statements <br> 1. Your favorite food is matoke <br> 2. You like to sing <br> 3. You rode a boda boda in the past week <br> 4. You write and draw with your left <br> A <br> Question relevant when: $\$\{$ rand $\}>0.5$ |  |
| version_b | (X102) Enumerator: Read statements <br> 1. Your favorite food is matoke <br> 2. You like to sing <br> 3. You rode a boda boda in the past week <br> 4. You write and draw with your left <br> 5. When I asked you questions about your coach, you felt free to answer honestly. A <br> Question relevant when: $\$\{$ rand $\}<=0.5$ |  |
| state_true (required) | (X103) How many of these 4 statements are TRUE for you. Please only tell me the number TRUE, if any <br> Question relevant when: \$\{password\} !=9334 <br> Response constrained to: .>=0 and . < = \$\{cal_max\} |  |
| Survey Information |  |  |
| survey_complete (required) | (Z101) [ENUMERATOR] What is the status of the interview? <br> Question relevant when: \$\{password\} !=9334 | 1 Complete <br> 0 Incomplete |
| survwy_incomplete_reason (required) | (Z101a) [ENUMERATOR] Why is the survey incomplete? <br> Question relevant when: \$\{password\} !=9334 | 1 Respondent died <br> 2 Respondent relocated <br> 3 Not found or not available <br> 4 Other |
| survey_uncomplete_explain (required) | (Z102) [ENUMERATOR] Please explain <br> Question relevant when: \$\{password\} !=9334 |  |
| survey_hhead (required) | (Z103) [ENUMERATOR] Did you interview the head of household [p_hhead_fullname] for most of the first part of the questionnaire? <br> Question relevant when: \$\{password\} !=9334 | $\begin{array}{l\|l} 1 & \mathrm{Yes} \\ 0 & \mathrm{No} \end{array}$ |


| Field | Question | Answer |
| :---: | :---: | :---: |
| survey_hhead_whynot (required) | (Z104) [ENUMERATOR] Please explain why you did not interview the targeted respondent? <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ |  |
| survey_hhead_who (required) | [ENUMERATOR] Who did you interview for most of the first part of the questionnaire? <br> Question relevant when: \$\{password\} !=9334 | 1 Household head: ... |
|  |  | 2 Other household member |
| survey_targetresp (required) | (Z105) [ENUMERATOR] Did you interview the target respondent [p_targetresp_fullname] for most of the second part of the questionnaire? <br> Question relevant when: $\$\{p a s s w o r d\}!=9334$ | 1 Yes |
|  |  | 0 No |
|  |  |  |
| survey_targetresp_whynot (required) | (Z106) [ENUMERATOR] Please explain why you did not interview the targeted respondent? <br> Question relevant when: \$\{password\} !=9334 |  |
| survey_gps | (Z107) [ENUMERATOR] Take the gps coordinates of the house. GPS coordinates can only be collected when outside. <br> Question relevant when: $\$\{$ consentgps $\}=1$ |  |
| survey_gps_place (required) | (Z108) [ENUMERATOR] Where did you record the GPS coordinates? <br> Question relevant when: \$\{password\} !=9334 | 1 Household's house |
|  |  | 0 I could not record the GPS coordinate |
|  |  | -66 Other, specify |
| survey_gps_place_osp (required) | (Z109) Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |
| interview_place (required) | (Z110) [ENUMERATOR] Where did you interview the respondent? | 1 Household's house |
|  | Question relevant when: \$\{password\} !=9334 | -66 Other, specify |
| interview_place_osp (required) | (Z111) Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |
| survey_language (required) | (Z112) [ENUMERATOR] In what language was the survey administered? <br> Question relevant when: \$\{password\} !=9334 | 1 Kinyabwisha |
|  |  | 2 Swahili |
|  |  | 3 Runyankole |
|  |  | -66 Other, specify |
| survey_language_osp (required) | (Z113) Other, specify <br> Question relevant when: \$\{password\} !=9334 |  |
| survey_comments (required) | (Z114) [ENUMERATOR] Please use this text box to make any comments about the survey <br> Question relevant when: \$\{password\} !=9334 |  |


[^0]:    ${ }^{1}$ AVSI refers to this intervention as interpersonal therapy in group (G-IPT). In this report, IPA refers to this intervention as group therapy due to differences with the WHO IPT-G model, such as treating non-depressed participants, mixing depressed and nondepressed participants in the same peer group, and peer-provided advice that was not in line with G-IPT recommendations.
    ${ }^{2}$ Barker, Nathan, Gharad Bryan, Dean Karlan, Angela Ofori-Atta, and Christopher Udry. 2022. "Cognitive Behavioral Therapy among Ghana's Rural Poor Is Effective Regardless of Baseline Mental Distress." American Economic Review: Insights, 4 (4): 52745.
    ${ }^{3}$ Bossuroy, T., Goldstein, M., Karimou, B. et. al. Tackling psychosocial and capital constraints to alleviate poverty. Nature 605, 291-297 (2022).
    ${ }^{4}$ Markowitz, J and Weissman, M. 2012. Interpersonal Psychotherapy: Past, Present and Future. NIH.
    https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3427027/. Weissman MM. A brief history of interpersonal psychotherapy. Psychiatric Annals. 2006; 36: 553-557.

[^1]:    ${ }^{5}$ According to a survey administered to coaches and CBTs about their IPT participants, the main problems were financial challenges and Interpersonal conflicts and disputes, including with a spouse.

[^2]:    ${ }^{6}$ Previously named IMPAQ International
    ${ }^{7}$ See UNHCR data on refugees in Uganda, https://data2.unhcr.org/en/country/uga; visited on May 12, 2023.

[^3]:    ${ }^{8}$ AVSI refers to this intervention as G-IPT. In this report, IPA refers to this intervention as group therapy due to differences with the WHO IPT-G model, such as treating non-depressed participants, mixing depressed and non-depressed participants in the same peer group, and peer-provided advice that was not in line with G-IPT recommendations.
    ${ }^{9}$ See the endline report of the Cohort 1 Graduating to Resilience evaluation. Technical and Operational Performance Support (TOPS) Uganda Graduation Randomized Control Trial Associate Award. 2022. Endline Report of the Resilience Food Security Activity Graduating to Resilience in Uganda, Cohort 1. Washington, DC: The TOPS Program.
    https://pdf.usaid.gov/pdf docs/PAOOZNCJ.pdf.

[^4]:    ${ }^{10}$ Mental health rapid assessment of refugee and host community in Palabek refugee settlement conducted by AVSI Foundation and Strong Mind in 2018.
    ${ }^{11}$ The initial plan was to have 8 sessions, but the RFSA decided to expand it to 12 months.

[^5]:    ${ }^{12}$ Markowitz, J. and Weissman, M. (2012). Interpersonal psychotherapy: Past, present and future. U.S. Department of Health and Human Services National Institutes of Health. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3427027/. Weissman M. M. (2006). A brief history of interpersonal psychotherapy. Psychiatric Annals, 36(8), 553-557.
    https://doi.org/10.3928/00485713-20060801-03
    ${ }^{13}$ Coaches and CBTs facilitate the RFSA's activities. They work in pairs, but coaches are specialized in coaching and CBTs are specialized in technical activities such as technical training.
    ${ }^{14}$ The RFSA used the Patient Health Questionnaire (PHQ)-9, measuring depression, and GAD-7. measuring anxiety to assess participants.
    ${ }^{15}$ According to a survey administered to coaches and CBTs about their IPT participants, the main problems were financial challenges and Interpersonal conflicts and disputes, including with a spouse.

[^6]:    ${ }^{16}$ Barker, N., Gharad B., Karlan, D., Ofori-Atta, A., \& Udry, C. (2022). Cognitive Behavioral Therapy among Ghana's rural poor Is effective regardless of baseline mental distress. American Economic Review: Insights, 4(4), 527-45.
    https://doi.org/10.1257/aeri. 20210612
    ${ }^{17}$ Bossuroy, T., Goldstein, M., Karimou, B., et al. (2022). Tackling psychosocial and capital constraints to alleviate poverty. Nature, 605, 291-297. https://doi.org/10.1038/s41586-022-04647-8

[^7]:    ${ }^{18}$ An outcome monitoring for Trial A was not deemed necessary as a Cohort 1 midline survey had already shown positive shortterm results.

[^8]:    ${ }^{19}$ The distress increase in the refugee community between baseline and midline could be partly explained by the food ration cuts. During baseline in December 2021, every household was receiving 19,000 UGX ( $\$ 5.30$ ) per household member. During the midline, most households were now receiving 13,000 UGX (\$4.60). Besides, the World Food Programme had communicated about phasing out households deemed as self-reliant. More information can be found here https://wfp-unhcr-hub.org/wp-content/uploads/2023/06/Uganda-Hub-support-brief 20230510 clean.pdf; visited on August 14, 2023.

[^9]:    g_consent > (I) Part I: household survey

[^10]:    Question relevant when: \$\{password\} !=9334

[^11]:    g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses

[^12]:    g_consent > (I) Part I: household survey > (E6) Section 4B: Farming Expenses > Cash transfer (4) > Cash transfer

[^13]:    g_consent > (I) Part I: household survey > (E1) Section 5A: Livestock ownership, sales and purchases > Livestock Quantity, Buying, and Selling (8) > Owned in past 6 months

[^14]:    g_consent > (I) Part I: household survey > (E4) Section 5C: Livestock Activity > Other members of the household (2)
    (Repeated group)

[^15]:    g_consent > (I) Part I: household survey > (H) Section 6: Employment

