

Tanzania - High Frequency Welfare Monitoring Phone Survey 2021-2024

National Bureau of Statistics

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Identification

SURVEY ID NUMBER

TZA_2021-2024_HFWMPS_v07_M

TITLE

High Frequency Welfare Monitoring Phone Survey 2021-2024

ABBREVIATION OR ACRONYM

HFWMPS 2021-2024

COUNTRY/ECONOMY

Name	Country code
Tanzania	TZA

STUDY TYPE

Socio-Economic/Monitoring Survey [hh/sems]

SERIES INFORMATION

The World Bank is providing support to countries to help mitigate the spread and impact of the new coronavirus disease (COVID-19). One area of support is for data collection to inform evidence-based policies that may help mitigate the effects of this disease. Towards this end, the World Bank is leveraging the Living Standards Measurement Study - Integrated Survey on Agriculture (LSMS-ISA) program to support high-frequency phone surveys on COVID-19 in 5 African countries – Nigeria, Ethiopia, Uganda, Tanzania, and Malawi. This effort is part of a broader first wave of World Bank-supported NLPs that can be used to help assess the economic and social implications of the COVID-19 pandemic on households and individuals.

ABSTRACT

The recent global economic slowdown, caused by the COVID-19 pandemic, created an urgent need for timely data to monitor the socioeconomic impacts of the pandemic. Tanzania is among other countries in the world which are affected by the recent global economic slowdown, caused by the COVID-19 pandemic. Therefore, there is an urgent need for timely data to monitor and mitigate the socio-economic impacts of the crisis in the country. Responding to this need, the National Bureau of Statistics (NBS) and the Office of the Chief Government Statistician (OCGS), Zanzibar in collaboration with the World Bank and Research on Poverty Alleviation (REPOA) implemented a rapid household telephone survey called the Tanzania High-Frequency Welfare Monitoring Survey (HFWMS).

Thus, the main objective of the survey is to obtain timely data that is critical for evidence-based decision making aimed at mitigating the socio-economic impact of the downturn caused by COVID-19 pandemic by filling critical gaps of information that can be used by the government and stakeholders to help design policies to mitigate the negative impacts on its population.

KIND OF DATA

Sample survey data [ssd]

UNIT OF ANALYSIS

Households
Individuals

Version

VERSION DESCRIPTION

Version 07: Edited and anonymous data for public distribution.

VERSION NOTES

Version 02: Round 6 and 7 data included:

Version 03: One data has been updated:

- r7_sect_2

Version 04: Round 8 data included.

Version 05: Round 9 data and documents included.

Version 06: Round 10 data and documents included.

Version 07: One data has been updated:

- r5_sect_2

Scope

NOTES

These modules were administered in the survey:

- Basic Information - Household Roster (Baseline, Rounds 2, 3, 4, 5, 6, 7, 8, 9, 10)
- Casual Labor (Round 10)
- Employment (Baseline, Round 2)
- Employment (respondent) (Rounds 3, 4, 5, 6, 7, 8, 9, 10)
- Employment (other household members) (Rounds 3, 4, 5, 6)
- Education (Baseline, Round 2)
- Access to Basic Services (Baseline)
- Access to Health Services (Round 2)
- Access to Essential Goods and Services (Round 10)
- Health Access (Round 5)
- Mental Health (Baseline)
- Food Security (Baseline)
- TASAF (Baseline, Round 2)
- Non-farm Enterprise (Rounds 2, 3, 4, 5, 8, 10)
- Tourism (Round 2)
- Credit (Rounds 3, 4)
- Shocks and Coping (Rounds 3, 4)
- Women Savings (Rounds 3, 4)
- COVID-19 Vaccine (Round 5)
- Youth Contact Details (Round 5)
- Economic Sentiments (Round 6, 7, 8, 9, 10)
- Food Prices (Round 6, 7, 8, 9, 10)
- Fuel Prices (Round 6)
- Energy Prices (Round 7, 8, 9, 10)
- Transportation Prices (Round 7, 8, 9, 10)
- Subjective Welfare (Round 7, 8, 9, 10)
- Food Insecurity (Round 7, 8, 9, 10)
- Dietary Diversity (Round 7, 8, 9, 10)
- Agriculture (Crops and Livestock) (Round 9)

Coverage

GEOGRAPHIC COVERAGE

National

UNIVERSE

The survey covered all de jure households excluding prisons, hospitals, military barracks, and school dormitories.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
National Bureau of Statistics	Ministry of Finance, Tanzania

PRODUCERS

Name	Affiliation	Role
Living Standards Measurement Study Team	World Bank	Collaborator
Akuffo Amankwah	World Bank	Primary Investigator

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
United States Agency for International Development	USAID	Financial support
European Union	EU	Financial support
Bill and Melinda Gates Foundation	BMGF	Financial support

Sampling

SAMPLING PROCEDURE

The primary sample for this activity was drawn from the 2014/15 NPS and 2017/18 HBS. Target sample completion each month is estimated at 3000 households. The 2014/15 NPS acted as the primary sample frame, complimented by the 2017/18 HBS.

The sample for the HFWMPS was drawn from the 2014/15 NPS and 2017/18 HBS. Both surveys were conducted over a 12-month period and are nationally representative. During the implementation of the surveys, phone numbers are collected from interviewed households and reference persons who are in close contact with the household in order to assist in locating and interviewing households who may have moved in subsequent waves of the survey. This comprehensive set of phone numbers as well as the already well-established relationship between NBS and these households made this an ideal frame from which to conduct the HFWMS in Tanzania.

To obtain a nationally representative sample for the Tanzania HFWMS, a sample size of approximately 3,000 successfully interviewed households was targeted. However, to reach that target, a larger pool of households needed to be selected from the frame due to non-contact and non-response common for telephone surveys. Thus, about 5,750 households were selected to be contacted.

All 5,750 households were contacted in the baseline round of the phone survey. [Error! Reference source not found.] presents the interview result for the baseline sample. 49.2 percent of sampled households were successfully contacted. Of those contacted, 96 percent or 2,708 households were fully interviewed. These 2,708 households constitute the final successful sample and will be contacted in subsequent rounds of the survey.

RESPONSE RATE

Baseline

An attempt was made to reach all 5,750 households selected from the NPS 2014/15 and HBS 2017/18 sample. However, at the end of the survey 2,829 households were contacted and 2,708 of those were successfully interviewed with complete information. More details on the contact/response rates can be found in Table 7-7 of the BID: Round 1 - Result of Interview.

Round 2

Interviewers attempted to contact and interview all 2,732 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in Table 7-2 of the BID, 2,470 households (90.4% of the 2,732 attempted) were contacted and 2,416 (88.4%) were successfully interviewed in the second round. Of those contacted, 44 households refused outright to be interviewed and 9 were partially interviewed.

Round 3

Interviewers attempted to contact and interview all 2,732 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in Table 7-27 of the BID, 2,404 households (88.4% of the 2,719 attempted) were contacted and 2,404 (85.9%) were successfully interviewed in the third round. Of those contacted, 54 households refused outright to be interviewed and 12 were partially interviewed. Of the 2,404 successfully interviewed in Round 3, 2,222 have been interviewed successfully in all three rounds. These are the households that form a complete panel across the three rounds.

Round 4

Interviewers attempted to contact and interview all 2,710 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in Table 7-210 of the BID, 2,404 households (88.4% of the 2,719 attempted) were contacted and 2,404 (85.9%) were successfully interviewed in the third round. Of those contacted, 54 households refused outright to be interviewed and 12 were partially interviewed.

Round 5

Interviewers attempted to contact and interview all 2,700 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in Table 7-213 of the BID, 2,251 households (83.4% of the 2,700 attempted) were contacted and 2,193 (85.9%) were successfully interviewed in the fifth round. Of those contacted, 46 households refused outright to be interviewed and 10 were partially interviewed.

Round 6

Interviewers attempted to contact and interview all 2,700 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in the BID document Table 7-216, 2,251 households (83.4% of the 2,700 attempted) were contacted and 2,193 (85.9%) were successfully interviewed in the sixth round. Of those contacted, 46 households refused outright to be interviewed and 10 were partially interviewed.

Round 7

Interviewers attempted to contact and interview all 2,700 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in the BID document Table 7-216, 2,160 households (80.4% of the 2,687 attempted) were contacted and 2,106 (78.0%) were successfully interviewed in the seventh round. Of those contacted, 47 households refused outright to be interviewed and 7 were partially interviewed.

Round 8

Interviewers attempted to contact and interview all 2,700 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in the BID document Table 7-22, 2,093 households (79.3% of the 2,638 attempted) were contacted and 2,038 (77.3%) were successfully interviewed in the eighth round. Of those contacted, 48 households refused outright to be interviewed and 7 were partially interviewed.

Round 9

Interviewers attempted to contact and interview all 2,700 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in the BID document Table 7-24, 2,033 households (78.5% of the 2,589 attempted) were contacted and 1,990 (76.9%) were successfully interviewed in the ninth round. Of those contacted, 37 households refused outright to be interviewed and 6 were partially interviewed.

Round 10

Interviewers attempted to contact and interview all 2,700 households that were successfully interviewed (including some partially interviewed) in the baseline of the HFWMS. As shown in the BID document Table 7-27, 1,981 households (78.5% of the 2,543 attempted) were contacted and 1,941 (76.3%) were successfully interviewed in the tenth round. Of those contacted, 34 households refused outright to be interviewed and 4 were partially interviewed.

WEIGHTING

Baseline

The final household weights for round 1 can be found in the household-level data file (r1_sect_a_3_4_5_6_7_8_10). The variable name is wt_round1.

Round 2

Household weights

The round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in section 2.2 (steps 4 to 7). The round 2 weights can be found in the household-level data file (r2_sect_a_2_3_4_5_7_8_10). The variable name is wt_round2.

Individual weights

Given the focus on individual education information in round 2 for school-aged members (4-18 years), an additional individual weight was calculated specifically for use with this sample. The round 2 household weight (which includes the household level nonresponse adjustments) served as the base for the individual education weight. Since all members between 4 and 18 years of age were selected, there was no need for a selection adjustment to this weight. Furthermore, there was zero nonresponse among children in the sample (since the information was collected entirely from the main household respondent) so no nonresponse adjustment was likewise needed. However, the weights were recalibrated to reflect current population estimates for five age groups (4-6, 7-9, 10-12, 13-15, and 16-18 years) and by sex. BID Table 7-4 presents the 2021 population estimates used for the calibration. The calibration of the individual weights followed the same approach outlined in step 6 of BID Section 3.0 above for the round 1 household weights. The weights were also trimmed

according to step 7 of BID Section 3.0, however the cut offs for the trimming were set at the 2nd and 98th percentiles due to higher volume of outliers in the calibrated individual weights. The variable containing the individual education weight is called `educ_wt_r2` and can be found in the individual-level education data file (`r2_sect_2_6.dta`).

Round 3

Household Weights

In Round 3, two different household level weights are provided: cross section and panel weights. The cross-section weights are applicable to the entire round 3 sample while the panel weights are only applicable to round 3 sample households that have been successfully interviewed in all three rounds of the survey so far. For both of these weights, the round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in section 2.2 (steps 4 to 7). The round 3 weights can be found in the household-level data file (`r3_sect_a_2_3_4_5b_7_10`). The cross-section weight is contained in `wt_round3` while the panel weight can be found in `wt_panel_round3`.

Individual weights

Given the focus on individual employment information in round 3 for working-age members (15-64 years), an additional individual weight was calculated specifically for use with this sample. The round 3 household weight (which includes the household level nonresponse adjustments) served as the base for the individual employment weight. Since only 4 eligible working-age members between 15 and 64 years were selected, there was the need for a selection adjustment to this weight. For more details, see BID Section 7.3.2 Sample and weights.

Round 4

Household Weights

In Round 4, two different weights are provided: cross section and panel weights. The cross-section weights are applicable to the entire round 4 sample while the panel weights are only applicable to round 4 sample households that have been successfully interviewed in all four rounds of the survey so far. For both of these weights, the round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in section 2.2 (steps 4 to 7). The round 4 weights can be found in the household-level data file (`r4_sect_a_2_3_4_9b_10`). The cross-section weight is contained in `wt_round4` while the panel weight can be found in `wt_panel_round4`.

Round 5

Household Weights

In Round 5, two different weights are provided: cross section and panel weights. The cross-section weights are applicable to the entire round 5 sample while the panel weights are only applicable to round 5 sample households that have been successfully interviewed in all four rounds of the survey so far. For both of these weights, the round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in section 2.2 (steps 4 to 7). The round 5 weights can be found in the household-level data file (`r5_sect_a_2_3_4_5f_9a_10`). The cross-section weight is contained in `wt_round5` while the panel weight can be found in `wt_panel_round5`.

Round 6

Household Weights

In Round 6, two different weights are provided: cross section and panel weights. The cross-section weights are applicable to the entire round 6 sample while the panel weights are only applicable to round 6 sample households that have been successfully interviewed in all six rounds of the survey so far. For both weights, the round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in the BID document section 2.2 (steps 4 to 7). The round 6 weights can be found in the household-level data file (`r6_sect_a_2_3_5_7_10`). The cross-section weight is contained in `wt_round6` while the panel weight can be found in `wt_panel_round6`.

Round 7

Household Weights

In Round 7, two different weights are provided: cross-section and panel weights. The cross-section weights are applicable to the entire round 7 sample while the panel weights are only applicable to round 7 sample households that have been successfully interviewed in all seven rounds of the survey so far. For both weights, the round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in the BID document section 2.2 (Steps 4 to 7). The round 7 weights can be found in the household-level data file (`r7_sect_a_2_3_4_11_12a_10.dta`). The cross-section weight is contained in `wt_round7` while the panel weight can be found in `wt_panel_round7`.

Round 8

Household weights

In Round 8, two different weights are provided: cross-section and panel weights. The cross-section weights are applicable to the entire round 8 sample while the panel weights are only applicable to round 8 sample households that have been successfully interviewed in all eight rounds of the survey so far. For both weights, the round 1 household weights were

adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in the BID document section 2.2 (Steps 4 to 7). The round 8 weights can be found in the household-level data file (r8_sect_a_2_3_4_4a_11_12a_10.dta). The cross-section weight is contained in wt_round8 while the panel weight can be found in wt_panel_round8.

Round 9

Household weights

In Round 9, two different weights are provided: cross-section and panel weights. The cross-section weights are applicable to the entire round 9 sample while the panel weights are only applicable to round 9 sample households that have been successfully interviewed in all nine rounds of the survey so far. For both weights, the round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in the BID document section 2.2 (Steps 4 to 7). The round 9 weights can be found in the household-level data file (r9_sect_a_2_3_4_4a_11_12a_10.dta). The cross-section weight is contained in wt_round9 while the panel weight can be found in wt_panel_round9.

Round 10

Household weights

In Round 10, two different weights are provided: cross-section and panel weights. The cross-section weights are applicable to the entire round 10 sample while the panel weights are only applicable to round 10 sample households that have been successfully interviewed in all ten rounds of the survey so far. For both weights, the round 1 household weights were adjusted for noncontact and nonresponse as well as calibrated following the same procedures outlined in the BID document section 2.2 (Steps 4 to 7). The round 10 weights can be found in the household-level data file (r10_sect_a_2_3_4_4a_11_12a_10.dta). The cross-section weight is contained in wt_round10 while the panel weight can be found in wt_panel_round10.

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2021-02-21	2021-03-15	Round 1
2021-04-22	2021-05-21	Round 2
2021-06-30	2021-07-31	Round 3
2021-09-10	2021-10-08	Round 4
2021-11-30	2021-12-23	Round 5
2022-06-29	2022-07-20	Round 6
2023-06-09	2023-07-01	Round 7
2023-08-23	2023-09-13	Round 8
2023-10-23	2023-11-13	Round 9
2024-02-08	2024-02-27	Round 10

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTION NOTES

The HFWS Baseline was administered between February 21 and March 15, 2021. A total of 22 interviewers among which 19 from Tanzania Mainland and three enumerators from Zanzibar and 4 supervisors whereby three Tanzania Mainland and one for Zanzibar conducted the survey including three Information Technology staff two from Mainland and one from Zanzibar.

The Tanzania HFWS Round 2 was administered between April 22 and May 21, 2021. The same 22 interviewers and 4 supervisors were involved in the fieldwork.

The Tanzania HFWS Round 3 was administered between June 30 and July 31, 2021 with 22 interviewers and 4 supervisors involved in the fieldwork.

The Tanzania HFWMS Round 4 was administered between Sept 10 - Oct 8, 2021. A total of 22 interviewers and 2 supervisors were involved in the fieldwork.

The Tanzania HFWMS Round 5 was administered between Nov 30 - Dec 23, 2021. A total of 22 interviewers and 4 supervisors and three IT staff were involved in the fieldwork.

The Tanzania HFWMPS Round 6 was administered between June 29 - July 20, 2022. A total of 21 interviewers, 4 supervisors and 3 IT staff were involved in the fieldwork.

The Tanzania HFWMPS Round 7 was administered between June 09 - July 01, 2023. A total of 23 interviewers, 4 supervisors and 3 IT staff were involved in the fieldwork.

The Tanzania HFWMPS Round 8 was administered between August 23 and September 13, 2023. A total of 21 interviewers, 4 supervisors and 3 IT staff were involved in the fieldwork.

The Tanzania HFWMPS Round 9 was administered between October 23 and November 13, 2023. A total of 21 interviewers, 4 supervisors and 3 IT staff were involved in the fieldwork.

The Tanzania HFWMPS Round 10 was administered between February 8th and February 27th, 2024. A total of 21 interviewers, 4 supervisors and 3 IT staff were involved in the fieldwork.

Questionnaires

QUESTIONNAIRES

Each survey round consists of one questionnaire - a Household Questionnaire administered to all households in the sample.

Baseline

The questionnaire gathers information on demographics; employment; education; access to basic services; food security; TASAF; and mental health. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers.

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment: Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, reason for not able to perform activities as usual, and reason for reduced revenue from family business.

Education: School attendance, type of school attended, learning activities of children at home, return to school, contact with children's teachers during school closure.

Access to Basic Services: Household's access to staple food (maize grain, cassava, rice, and maize flour), medical treatment, and reasons for not being able to access the services.

Food Security: Household's food security status during the last 30 days.

TASAF: Households access to the TASAF money, use of the money received, challenges encountered in accessing the funds.

Mental Health: Information on 8 items pertaining to measuring mental health.

Recontact: Data on how the household can be recontacted in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview.

Round 2

The questionnaire gathers information on demographics; employment; non-farm enterprise; tourism; education; access to health services; and TASAF. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers.

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment: Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Non-farm Enterprise: Status and information of non-farm income-generating activities, reason for stopped operating, reason for not able to perform activities as usual, and reason for reduced revenue from family business.

Tourism: Employment of household members in tourism sector, and who benefits from tourism.

Education (selected members aged 4-18 years): School attendance, reason for not attending, grade attending, type of school, absence and reason for being absent.

Access to Health Services: Women's access to pre-natal/post-natal care, household's access to preventative care and medical treatment, and reasons for not being able to access the services.

TASAF: Households access to the TASAF money, use of the money received, challenges encountered in accessing the funds.

Recontact: Data on how the household can be recontacted in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

Round 3

The questionnaire gathers information on demographics; employment (respondent and other household members); non-farm enterprise; credit; women savings; and shocks and coping. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers.

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment (respondent): Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Employment (other members): Status in employment (current and 2020), consistency of work in 2020, why currently not working, job search, change in jobs, actual job.

Non-farm Enterprise: Status and information of non-farm income-generating activities, reason for stopped operating, reason for not able to perform activities as usual, and reason for reduced revenue from family business.

Credit: Household's debts status since the beginning of the coronavirus crisis; use of loan, ability to repay loan when their scheduled payment is due.

Women Savings: Women having bank accounts to financial institutions and changes in their savings since the start of the pandemic.

Shocks and Coping: Shocks that affected household since the baseline interview and their coping strategies.

Recontact: Data on how the household can be recontacted in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview.

Round 4

The questionnaire gathers information on demographics; employment; non-farm enterprise; digital technology; and income changes. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers.

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment (respondent): Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Non-farm Enterprise: Status and information of non-farm income-generating activities, reason for stopped operating, reason for not able to perform activities as usual, and reason for reduced revenue from family business.

Income changes: Household's sources of livelihood.

Digital Technology: Household ownership of phones, computers and digital devices, access to internet and challenges in accessing internet

Recontact: Data on how the household can be recontacted in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview.

Round 5

The questionnaire gathers information on demographics; employment; non-farm enterprise; COVID-19 Vaccine; access to health services; and youth contact details. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers.

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to

head, reason for joining the household if new, and reason for leaving the household if left.

Employment (respondent): Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Non-farm Enterprise: Status and information of non-farm income-generating activities, reason for stopped operating, reason for not able to perform activities as usual, and reason for reduced revenue from family business.

Youth Contact Details: Administered to randomly selected household members aged 15-25 years old. Ownership of working cell phone, phone numbers.

Health Access: Household's access to medical services, reason for not being able to access the services.

COVID-19 Vaccine: Respondent perception of the COVID-19 vaccine, willing to take the vaccine, information about the vaccine, and sources of such information.

Recontact: Data on how the household can be recontacted in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview.

Round 6

The questionnaire gathers information on demographics; employment; non-farm enterprise; COVID-19 Vaccine; access to health services; and youth contact details. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment (respondent): Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Economic Sentiments: How household feels about past and future household economic situation, past and future country economic situation, past and future consumer prices, major household purchases, extreme weather shocks to household's financial status in the future.

Food Prices: Availability of specific food items in the country, current price of the item, as well as price of the same item 30 days prior.

Fuel Prices: Household has ever bought petrol/diesel, last time household purchased petrol, difficulties encountered when purchasing petrol.

Recontact: Data on how the household can be recontacted in the future, including phone number, time of day they can be reached in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview.

Round 7

The questionnaire gathers information on demographics; employment; economic sentiments; access to essential goods and services; food prices; energy prices; transportation prices; food insecurity; dietary diversity, and subjective welfare. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment (respondent): Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Economic Sentiments: Household interpretations of past and future household economic situation, past and future country economic situation, past and future consumer prices, major household purchases, and extreme weather shocks to household's financial status in the future.

Access to Goods and Services: Household's access to staple foods (maize grain, cassava, rice, and maize flour), essential goods (medicine, soap, fuel/gasoline, and fertilizers) and reasons for not being able to access the goods and services.

Food Prices: Availability of specific food items in the country, current price of the item, as well as price of the same item 30 days prior.

Energy Prices: Household purchases of energy/fuel (petrol, diesel, LPG, kerosene), last purchase of energy/fuel, number of liters purchased, total amount paid, and changes in the price in the last month.

Transportation Prices: Mode of transportation for selected destinations, amount paid in total, as well as changes in the price in last month.

Subjective Welfare: How the household feels about their food consumption, housing, clothing, health care, and the level of current household income over the past one month.

Food Insecurity: Household's food security status during the last 30 days.

Dietary Diversity: Household's consumption of a variety of food groups over the last 7 days, as well as how the food was acquired.

Recontact Information: Data on how the household can be recontacted in the future, including phone number, time of day they can be reached in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview.

Round 8

The questionnaire gathers information on demographics; employment; economic sentiments; access to essential goods and services; food prices; energy prices; transportation prices; food insecurity; dietary diversity, and subjective welfare. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment (respondent): Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Economic Sentiments: Household interpretations of past and future household economic situation, past and future country economic situation, past and future consumer prices, major household purchases, and extreme weather shocks to household's financial status in the future.

Non-Farm Enterprise: Status and information of non-farm income-generating activities, reason for stopped operating, reason for not able to perform activities as usual, and reason for reduced revenue from family business

Access to Goods and Services: Household's access to staple foods (maize grain, cassava, rice, and maize flour), essential goods (medicine, soap, fuel/gasoline, and fertilizers) and reasons for not being able to access the goods and services.

Food Prices: Availability of specific food items in the country, current price of the item, as well as price of the same item 30 days prior.

Energy Prices: Household purchases of energy/fuel (petrol, diesel, LPG, kerosene), last purchase of energy/fuel, number of liters purchased, total amount paid, and changes in the price in the last month.

Transportation Prices: Mode of transportation for selected destinations, amount paid in total, as well as changes in the price in last month.

Subjective Welfare: How the household feels about their food consumption, housing, clothing, health care, and the level of current household income over the past one month.

Food Insecurity: Household's food security status during the last 30 days.

Dietary Diversity: Household's consumption of a variety of food groups over the last 7 days, as well as how the food was acquired.

Recontact Information: Data on how the household can be recontacted in the future, including phone number, time of day they can be reached in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview.

Round 9

The questionnaire gathers information on demographics; employment; economic sentiments; access to essential goods and services; food prices; energy prices; transportation prices; food insecurity; dietary diversity, and subjective welfare. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Employment (respondent): Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Economic Sentiments: Household interpretations of past and future household economic situation, past and future country economic situation, past and future consumer prices, major household purchases, and extreme weather shocks to household's financial status in the future.

Access to Goods and Services: Household's access to staple foods (maize grain, cassava, rice, and maize flour), essential goods (medicine, soap, fuel/gasoline, and fertilizers) and reasons for not being able to access the goods and services.

Access to Goods and Services: Household's access to staple foods (maize grain, cassava, rice, and maize flour), essential goods (medicine, soap, fuel/gasoline, and fertilizers) and reasons for not being able to access the goods and services.

Food Prices: Availability of specific food items in the country, current price of the item, as well as price of the same item 30 days prior.

Energy Prices: Household purchases of energy/fuel (petrol, diesel, LPG, kerosene), last purchase of energy/fuel, number of liters purchased, total amount paid, and changes in the price in the last month.

Transportation Prices: Mode of transportation for selected destinations, amount paid in total, as well as changes in the price in last month.

Subjective Welfare: How the household feels about their food consumption, housing, clothing, health care, and the level of current household income over the past one month.

Food Insecurity: Household's food security status during the last 30 days.

Dietary Diversity: Household's consumption of a variety of food groups over the last 7 days, as well as how the food was acquired.

Agriculture - Crops: Household participation in agricultural activities, including crop cultivation, harvest, sales, input use, and extension services.

Agriculture - Livestock: Household ownership of livestock, challenges to participation in livestock activities, access to livestock inputs, sales, and products.

Recontact Information: Data on how the household can be recontacted in the future, including phone number, time of day they can be reached in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent, and language of interview.

Round 10

The questionnaire gathers information on demographics; employment; economic sentiments; access to essential goods and services; food prices; energy prices; transportation prices; food insecurity; dietary diversity, and subjective welfare. The contents of questionnaire are outlined below:

Cover: Household identifiers and enumerator identifiers.

Interview Information: Details of call attempts, result and respondent of call attempt, interview consent, date and time of call back, phone numbers called, the information of the person that the listed phone number belongs to.

Basic Information: Roster of members of the household, relationship to the household head, gender, age, relationship to head, reason for joining the household if new, and reason for leaving the household if left.

Casual Labor: Participation in and type of casual labor activities, months worked in casual labor activities in past 12 months, amount of time spent working, travel times to casual labor activities.

Employment: Status and information of income-generating activities (wage work, family business and farming), reason for stopped working, and reason for not able to perform activities as usual.

Economic Sentiments: Household interpretations of past and future household economic situation, past and future country economic situation, past and future consumer prices, major household purchases, and extreme weather shocks to household's financial status in the future.

Non-Farm Enterprise: Status and information of non-farm income-generating activities, reason for stopped operating, reason for not able to perform activities as usual, and reason for reduced revenue from family business.

Access to Goods and Services: Household's access to staple foods (maize grain, cassava, rice, and maize flour), essential goods (medicine, soap, fuel/gasoline, and fertilizers) and reasons for not being able to access the goods and services.

Food Prices: Availability of specific food items in the country, current price of the item, as well as price of the same item 30 days prior.

Energy Prices: Household purchases of energy/fuel (petrol, diesel, LPG, kerosene), last purchase of energy/fuel, number of liters purchased, total amount paid, and changes in the price in the last month.

Transportation Prices: Mode of transportation for selected destinations, amount paid in total, as well as changes in the price in last month.

Subjective Welfare: How the household feels about their food consumption, housing, clothing, health care, and the level of current household income over the past one month.

Food Insecurity: Household's food security status during the last 30 days.

Dietary Diversity: Household's consumption of a variety of food groups over the last 7 days, as well as how the food was acquired.

Recontact Information: Data on how the household can be recontacted in the future, including phone number, time of day they can be reached in the future.

Interview Results: Result of interview including observation notes by enumerator regarding the interview, respondent, and language of interview.

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Data Dictionary

Data file	Cases	Variables
r1_sect_1.dta Interview Information	8914	18
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r1_sect_2.dta Basic Information - Household Roster	16038	19
r1_sect_a_3_4_5_6_7_8_10.dta Sections A, 3, 4, 5, 6, 7, 8, 10 Cover, Employment, Education, Access to Basic Services, Food Security, TASAF, Mental Health, Interview Results	5784	155
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r2_sect_a_2_3_4_5_7_8_10.dta Sections 2, 3, 4, 5, 7, 8, 10. Cover, Basic Information - Household Roster (Q0), Employment, Non-Farm Enterprise, Tourism, Access to Health Services, TASAF, Interview Results	2732	132
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r4_sect_a_2_3_4_9b_10.dta Sections A, 2, 3, 4, 9b, 10 Cover, Basic Information - Household Roster (Q0), Employment, Non-Farm Enterprise, Digital technology, Interview Results	2710	120
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r9_sect_a_2_3_4_11_12a_14_15_10.dta Cover, Basic Information - Household Roster (Q0), Employment, Economic Sentiments, Subjective Welfare, Food Insecurity, Agriculture (Crops), Livestock, Interview Results	2589	280
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r10_sect_6.dta Food Prices	13594	14
r10_sect_7.dta Energy Prices	7768	14
r10_sect_8.dta Transportation Prices	9710	14
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r10_sect_a_2_3_4_4a_11_12a_10.dta

Cover, Basic Information - Household Roster (Q0), Employment, Economic Sentiments, Non-Farm Enterprise, Subjective Welfare, Food Insecurity, Interview Results

2543 109

r5_sect_2.dta

Basic Information - Household Roster

13000 19