



## ***Basic Information Document***

### ***Malawi***

### ***Malawi - High-Frequency Phone Survey (HFPS)***

**Version 17 (Updated on August 10, 2023)**

## **ACRONYMS**

CATI	Computer Assisted Telephone Interview
HFPS	High Frequency Phone Survey
IHPS	Integrated Household Panel Survey
LSMS-ISA	Living Standards Measurement Study – Integrated Surveys on Agriculture
NSO	National Statistical Office
WB	World Bank

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## 1.0 Introduction

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 implement high-frequency phone surveys on COVID-19 in 5 African countries – **Malawi**, Ethiopia, Uganda, Tanzania, and Nigeria. This effort is part of a broader first wave of World Bank-supported High Frequency Phone Surveys that can be used to help assess the economic and social implications of the COVID-19 pandemic on households and individuals. As part of this initiative, a World Bank team from the Development Data Group and the Poverty and Equity Global Practice provided technical support to NSO on implementation of the HFPS COVID-19.

The purpose of this document is to provide detailed information on the Malawi High-Frequency Phone Survey on COVID-19 (HFPS COVID-19) implemented by the Malawi National Statistical Office (NSO). This survey which was launched in May 2020 is a high-frequency phone survey of households which was initially designed to follow the same households overtime which makes the HFPS COVID-19 a powerful tool for studying and understanding socio-economic impact of the COVID-19 pandemic and other shocks in Malawi.

Currently, the survey has been fielded for 18 rounds. The initial 12 rounds were conducted monthly between May 2020 and June 2021 while the 6 rounds that followed began in February 2022 with operations conducted every other month including the most recent one that took place in June 2023.

Despite the survey being originally designed to track the effects of **COVID-19**, it has since expanded to monitor the impacts of other exogenous shocks like climate events and the Ukraine-Russia conflict, which have had [significant economic, geopolitical, and social effects on African nations](#) like Malawi. These data will contribute to filling critical gaps in information that could be used by the Malawian government and stakeholders to help design policies to mitigate the negative impacts on its population. The HFPS COVID-19 in Malawi is designed to accommodate



the evolving nature of the crises, including revision of the questionnaire on a bi-monthly basis.

The households were drawn from the sample of households interviewed in 2019 as part of the Integrated Household Panel Survey (IHPS 2019). The IHPS 2019 households were interviewed in 2010, 2013, 2016, and the extensive information collected in the IHPS 2019 just over a year prior to the pandemic provides a rich set of background information on the HFPS COVID-19 households which can be leveraged to for multiple dimensions of research in the country.

## 2.0 The Survey Instruments

The HFPS COVID-19 Baseline consists of one questionnaire. The **Household Questionnaire** was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; knowledge regarding the spread of COVID-19; behaviour and social distancing; access to basic services; employment; income loss; food security; concerns; social safety nets and agriculture.

The contents of questionnaire are outlined below.

**Table 2-1: HFPS COVID-19 Baseline Questionnaire**

Sectionn	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
3	Knowledge Regarding the Spread of COVID-19	Knowledge of coronavirus, measures to reduce the risk of contracting coronavirus, steps taken by the federal/state government to curb the spread of coronavirus, satisfaction at steps taken by the federal/state government and reason for not being satisfied
4	Behaviour and Social Distancing	Behaviour of adopting prevention measures (handwashing and social distancing)

		learning activities of children at home including contact with children's teachers
6	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
7	Income Loss	Household's sources of livelihood and their status since mid- March
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
11	Social Safety Nets	Type, value and source of assistances that household received from social safety net programs since mid-March
13	Agriculture	Measures taken to ensure safety during Post Harvest activities and disruptions due to COVID-19.
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview
5	Access to Basic Services	Household's access to medicine, soap, cleaning supplies, staple food (Maize, Rice, cassava, Millet, Sesame and sorghum), water for washing hands, medical treatment and financial services (the bank, money agent and the ATM), reason for not being able to access the services, education or

## 3.0 Baseline Sample and Weights

### 3.1 Survey Sample

The IHPS conducted in 2019 served as the frame for the HFPS COVID-19. This sample of households is representative nationally as well as by the urban/rural divide. In every visit of the IHPS, phone numbers are collected from interviewed households for all household members and 3 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 NSO and the IHPS households made this an ideal frame from which to conduct the COVID-19 monitoring survey in Malawi.

Among the 3,181 households interviewed during the IHPS in 2019, 2,337 (73%) provided at least one phone number. Around 85 percent of these households provided a phone number for at least one household member while the remaining 15 percent only provided a phone number for a reference person. Households with only the phone number of a reference person were expected to be more difficult to reach but were nonetheless included in the frame and deemed eligible for selection for the HFPS COVID-19.

To obtain a nationally representative sample for the HFPS COVID-19, the survey aimed to recontact the entire sample of households that had been interviewed during the Integrated Household Panel Survey (IHPS) 2019 round and that had phone numbers for at least one household member or a reference individual.

All 2,337 households that had either a contact for a household member or reference person were contacted in the baseline round of the phone survey. Table 3-1 presents the interview result for the baseline sample. All 2,337 households were successfully contacted. Of those contacted, 74 percent or 1,729 households were fully interviewed. These 1,729 households constitute the final successful sample and will be contacted in subsequent rounds of the survey.

**Table 3-1: Result of Interview**

	# of households	% of overall sample
<b><i>Reached</i></b>	<b>2337</b>	<b>100</b>
Complete	1729.0	74.0
Partially Complete	4.0	0.2
Refused	10.0	0.4
Language barrier		
<b>Not Reached</b>		
Nobody answering	21.0	0.9
Number does not exist	54.0	2.3
Phone turned off	467.0	20.0
Wrong number (don't know the household)	29.0	1.2
Reference person can't connect to household	23.0	1.0

### 3.2 Survey Weights

To obtain unbiased estimates from the sample, the information reported by households needs to be adjusted by a sampling weight (or raising factor)  $w_h$ . To construct the sampling weights, we follow the steps outlined in Himelein, K. (2014), which outlines eight steps, of which we follow six, to construct the sampling weights for the HFPS-HH:

1. Begin with base weights from the Malawi Integrated Household Panel Survey (IHPS) 2019 for each household
2. Incorporate probability of sub-selection of round 1 unit for each of the phone survey households.
3. Pool the weights in Steps 1 and 2.
4. Derive attrition-adjusted weights for all individuals by running a logistic response propensity model based on characteristics of the household head (i.e. gender, primary language spoken, education, labor force status) and characteristics of the household (household size, food

consumption score, assets, financial characteristics).

5. Trim weights by replacing the top three percent of observations with the 98th percentile cut-off point; and

6. Post-stratify weights to known population totals to correct for the imbalances across our sample. In doing so, we ensure that the distribution in the survey matches the distribution in the IHPS.

\* Additional technical details and explanations on each of the steps briefly outlined above can be found in Himelein, K. (2014).

The weights can be found in the cover page data files (secta\_Cover\_Page). The variable name is wt\_baseline.

Table 3-2 below presents the full set of weighted and unweighted estimates across the different samples.

<b>Table 3-2: Sample Composition*</b>				
<b>Characteristic</b>	<b>IHPS</b>		<b>Phone sample</b>	
	<b>Unweighted</b>	<b>Weighted</b>	<b>Unweighted</b>	<b>Weighted</b>
Sample size (successful interviews)	2337		1729	
Average household size	4.71	5.06	4.79	4.97
<b><i>Household head characteristics</i></b>				
Female head (%)	24.0	27.1	22.2	29.5
Age	41.4	44.9	41.8	45.6
Literate (%)	86.1	81.9	88.4	76.7
<b><i>Asset ownership</i></b>				
Mobile phone	83.7	81.8	88.5	79.2
Television	24.2	21.5	27.5	17.0
Refrigerator	12.9	11.6	14.7	8.6
Car	4.7	3.6	5.6	3.1

Generator	1.9	1.6	2.0	1.2
<b><i>IHPS PCA Index Based Wealth Quintiles</i></b>				
Q1	10.8	9.3	7.9	14.9
Q2	15.8	16.2	13.7	18.1
Q3	21.7	23.8	20.8	25.0
Q4	24.8	26.9	26.7	22.8
Q5	26.9	23.8	30.9	19.2

\* Based on information from the IHPS only.

### 3.3 Respondent Selection.

The phone numbers of all adults (*head or couple if not adult*), were randomly sorted; and then the reference contacts were added at the end of this list since order of priority was household member contact then reference contact.

This list was then populated into the CATI roster and the enumerators called the numbers in the order that they were prefilled to reach the household. The first contact through which the enumerator is able to get consent from the household to conduct the interview is the designated as the principle contact for the follow up rounds if the respondent indicates that it is the best contact to reach him or her.

## 4.0 Training of Interviewers for the Survey

Personnel were selected from the pool of NSO interviewers that have experience with the Survey Solutions platform and have previously conducted IHPS surveys. A total of 16 interviewers plus 4 replacements and 2 supervisors were trained at the NSO premises to conduct the survey. The training lasted 2 days and focused on providing participants with detailed understanding of the survey and the Computer Assisted Telephone Interview (CATI) techniques, elucidation of important concepts and questions in the questionnaire. The training was led by the World Bank team with additional inputs provided by the NSO coordinators. Following the training, the interviewers carried out mock interviews in order to become more familiar with the questionnaire and interviewing techniques before interviewing respondents. After the mock interviews, a 1-day

pilot was conducted with households from the Integrated Household Survey sample. Each interviewer conducted around 4 interviews during the pilot.

## **5.0 Field Work**

### **5.1 Organization of Fieldwork**

The HFPS COVID-19 Baseline was administered between May 26 and June 14, 2020. Data were collected by trained NSO interviewers who individually made phone calls from the call centre at the NSO. Since the country was not fully on lockdown during the preparation and data collection exercise, interviewers were allowed to be in the office after seeking permission from the local authorities and also taking measures to protect themselves like ensuring 2 meters space between individuals. Most interviews were conducted from the call center, some interviews that required call backs conducted from the enumerators' homes.

### **5.2 Gift to Households**

As a show of appreciation for the households' participation, all households that gave consent to be interviewed, were transferred 1000 Malawi Kwacha credit to their phones (even if their interviews are only partially completed).

### **5.3 Pre-loaded Information**

Basic information on every household was pre-loaded in the CATI assignments for each interviewer. The information was pre-loaded to (1) assist interviewers in calling and identifying the household and (2) ensure that each pre-loaded person is properly addressed and easily matched to the most recent face-to-face visits. Basic household information (location, household head name, phone numbers of adult members and reference persons, etc.) was pre-loaded. The list of individuals from IHPS 2019 and their basic characteristics were uploaded.

### **5.4 Respondents**

The HFPS COVID-19 had ONE RESPONDENT per household. The respondent was the household knowledgeable adult household member or head of the household. The respondent must be a member of the household. Unlike many other household surveys, interviewers were not expected to seek out other household members to provide their own information. The respondent may still consult with other household members as needed to respond to the questions, including to provide all the necessary information on each household member.



## **6.0 Data Management and Description of Datasets**

### **6.1 Data Management**

#### **6.1.1 CATI**

The HFPS COVID-19 Baseline exercise was conducted using Computer Assisted Telephone Interview (CATI) techniques. The household questionnaire was implemented using the CATI software, Survey Solutions. The Survey Solutions software was developed and maintained by the Data Analytics and Tools Unit within the Development Economics Data Group (DECDG) at the World Bank. Each interviewer was given one tablet, which they used to conduct the interviews. Overall, implementation of survey using Survey Solutions CATI was highly successful, as it allowed for timely availability of the data from completed interviews.

#### **6.1.2 Data Communication System**

The data communication system used in the HFPS COVID-19 Baseline was highly automated. Since enumerators were working from the call center, the NSO provided routers for them to connect to whenever they wanted to sync data. This ensured access to the data in real-time.

#### **6.1.3 Data Cleaning**

The data cleaning process was done in two main stages. The first stage was to ensure proper quality control during the fieldwork. This was achieved in part by incorporating validation and consistency checks into the Survey Solutions application used for the data collection and designed to highlight many of the errors that occurred during the fieldwork.

The second stage of cleaning involved a comprehensive review of the final raw data following the first stage of cleaning. Every variable was examined individually for (1) consistency with other sections and variables, (2) out of range responses, and (3) formatting.

### **6.2 Description of Datasets**

These modules were administered in the HFPS COVID-19 Baseline survey.

- Household Roster
- Knowledge Regarding the Spread of COVID-19
- Behaviour and Social Distancing
- Access to Basic Services
- Employment

- Income Loss
- Food Security
- Concerns
- Social Safety Nets
- Agriculture

Table 6-1 show the sections of the Questionnaire and their corresponding datasets.

**Table 6-1: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r1
1	Interview Information	sect1_Interview_Info_r1 sect1b_phone_number_roster_r
2	Household Roster Update	sect2_Household_Roster_r1
3	Knowledge Regarding the Spread of COVID-19	sect3_Knowledge_r1
4	Behaviour and Social Distancing	sect4_Behavior_r1
5	Access to Basic Services	sect5_Access_r1
6	Employment	sect6_Employment_r1
7	Income Loss	sect7_Income_Loss_r1
8	Food Security	sect8_food_security_r1
9	Concerns	sect9_Concerns_r1
11	Social Safety Nets	sect11_Safety_Nets_r1
12	Interview Results	sect12_Interview_Result_r1
13	Agriculture	sect13_Agriculture_r1

### 6.2.1 Confidential information

Note that, for purposes of maintaining the confidentiality of the data, all names, phone numbers, and addresses have been removed from the datasets.

## 7.0 Using the Data

### 7.1 File Structure

The data should always be used in conjunction with the questionnaire and the interviewer's instruction manual. Where there are no issues of confidentiality, all the variables from the questionnaire have been included in the data sets. In some cases, there is an additional variable which contains the "other specify" information that was written in the questionnaire. So, for example, the other specify variable will be indicated with an “\_os” attached to the variable name such as q5\_os containing the “other specify” information for a variable q5.

### 7.2 Merging Datasets

All datasets contain a variable (**y4\_hhid**), which is a unique identifier for the household. This variable is used as the unique key variable in the merging of all household type datasets. In some of the other types of datasets, additional key variables may be required in the merging process. In the case of individual type files, the variable that uniquely identifies the individual in the household is **PID**. In order to merge any two individual type files, both the variables **y4\_hhid** and **PID** would be used.

Since the IHPS 2019 served as the frame for the HFPS COVID-19 survey, the HFPS COVID-19 Baseline datasets can be merged with the IHPS datasets. The household's unique key variable (**y4\_hhid**) is used to merge the household type datasets and the individual's unique key variables (**y4\_hhid** and **PID**) are used to merge any individual type files. New individuals added in the HFPS COVID-19 baseline will be identified with a variable **new\_member**. It will not be possible to merge these newly added individuals with the IHPS data.

## 8.0 Round 2

### 8.1 Overview

The Malawi HFPS-COVID 19 was administered from the July 02 – July 20, 16 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs conducted from the enumerators' homes.

### 8.2 Sample

Interviewers attempted to contact the 1729 households successfully interviewed during round 1. As shown in Table 8-1, 1,646 households (95% of the 1,729 sample) were contacted and fully interviewed. 7 households outright refused to be interviewed and 2 were partially done. About 4% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 8.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1646.0	95.2
Partially Complete	2.0	0.1
Refused	7.0	0.4
Language barrier		
<b>Not Reached</b>		
Nobody answering	6.0	0.3
Number does not exist	1.0	0.1
Phone turned off	65.0	3.8
Wrong number (don't know the household)		
Reference person can't connect to household	2.0	0.1

### 8.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 2 weights can be found in the household-level data file (*secta\_Cover\_Page\_r2*). The variable name is wt\_round2.

### 8.3 Survey Instruments

The HFPS COVID-19 Round 2 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; knowledge of government efforts in the fight against COVID-19 as well as misconceptions surrounding the virus; behaviour and social distancing; access to basic services; employment; non-farm enterprises; other income inflows in form of remittances to the households; income loss; food security; concerns; shocks and coping strategies and social safety nets.

The contents of questionnaire are outlined below.

**Table 8-3: HFPS COVID-19 Round 2 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
3	Knowledge about government guidelines against COVID-19 and misconceptions about	Satisfaction at steps taken by the federal/state government in the fight against the corona virus. Common misconceptions about the virus, Willingness to adhere to government guidelines put in place to fight the spread of the corona virus.
4	Behaviour and Social Distancing	Behaviour of adopting prevention measures (handwashing and social distancing)

5	Access to Basic Services	Household's access to medicine, soap, cleaning supplies, staple food (Maize, Rice, cassava, Millet, Sesame and sorghum), water for washing hands, medical treatment and financial services (the bank, money agent and the ATM), reason for not being able to access the
		learning activities of children at home including contact with children's teachers
6a	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
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise, challenges faced by the enterprise in the face of the COVID-19, strategies to conduct business during the pandemic.
6c	Other Income	Remittances to the household from abroad; from family within the country; from non-family members; Income from property/savings and Pension.
7	Income Loss	Household's sources of livelihood and their status since mid- March
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
10	Shocks and Coping Strategies	Shocks Households have faced since the pandemic outbreak and ways households have dealt with those shocks.
11	Social Safety Nets	Type, value and source of assistances that household received from social safety net programs since mid-March
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 8.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 2 survey.

- Household Roster
- Knowledge about government guidelines against COVID-19 and misconceptions about COVID-19
- Behaviour and Social Distancing
- Access to Basic Services
- Employment
- Non-Farm enterprises
- Other Income
- Income Loss
- Food Security
- Concerns
- Shocks and Coping Strategies
- Social Safety Nets

Table 8-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 8-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r2
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r2
2	Household Roster Update	sect2_Household_Roster_r2
3	Knowledge Regarding the Spread of COVID-19	sect3_Knowledge_r2
4	Behaviour and Social Distancing	sect4_Behavior_r2
5	Access to Basic Services	sect5_Access_r2
6	Employment (Different Respondent)	sect6a_Employment1_r2
6a	Employment (Same Respondent as in Previous Round)	sect6a_Employment2_r2
6b	Non-Farm Enterprises	sect6b_NFE_r2
6c	Other Income	sect6c_OtherIncome_r2
7	Income Loss	sect7_Income_Loss_r2
8	Food Security	sect8_food_security_r2
9	Concerns	sect9_Concerns_r2
10	Shocks and Coping Strategies	sect10_Coping_r2
11	Social Safety Nets	sect11_Safety_Nets_r2
12	Interview Results	sect12_Interview_Result_r2

There were some changes made in the questionnaires between Baseline and Round 2. Table 8-5 outlines these changes.

**Table 8-5: Baseline to Round 2 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	Questions added in Round 2: s2q11_1
3	Knowledge Regarding the Spread of COVID-19	Dropped all Round 1 questions for a new set of Round 2 questions
4	Behaviour and Social Distancing	Questions added in Round 2: s4q7 and s4q8
5	Access to Basic Services	Questions added in Round 2: s5q1a2_1, s5q1a2_2. s5q12 and s5q13.
6	Employment (Different Respondent)	Same structure “Employment” in Round 1, just dropped questions s6q11-s6q14
6a	Employment (Same Respondent as in Previous Round)	Re-organized to have 3 cases based on FILTER for Employment sub-section (Q1-Q10)
6b	Non-Farm Enterprises	Re-organized to have 5 cases based on FILTER for non-farm enterprise sub-
6c	Other Income	New Module
7	Income Loss	No changes
8	Food Security	No changes
9	Concerns	Added questions; s9q6, s9q7 and s9q8
10	Shocks and Coping Strategies	New Module
11	Social Safety Nets	Expanded social safety nets categories
12	Interview Results	No changes
13	Agriculture	Dropped for Round 2



## 9.0 Round 3

### 9.1 Overview

The Malawi HFPS-COVID 19 was administered from the August 12 – September 03, 16 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs conducted from the enumerators' homes.

### 9.2 Sample

Interviewers attempted to contact the 1722 households successfully interviewed during round 1. As shown in Table 8-1, 1,624 households (94% of the 1,722 sample) were contacted and fully interviewed. 11 households outright refused to be interviewed and 1 was partially done. About 4% of the households could not be contacted because mostly the phones were not one during the 9 attempts that were made to contact these households. Of the 1624 households interviewed, 1586 have been contacted across all three rounds and 23 were not interviewed during round 2 but were interviewed in round 1.

Table 9.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1624.0	94.4
Partially Complete	1.0	0.1
Refused	11.0	0.6
Language barrier		
<b>Not Reached</b>		
Nobody answering	9.0	0.5
Number does not exist		
Phone turned off	70.0	4.1
Wrong number (don't know the household)		
Reference person can't connect to household	5.0	0.3

### 9.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 3 weights can be found in the household-level data file (*secta\_Cover\_Page\_r3*). The variable name is wt\_round3.

### 9.3 Survey Instruments

The HFPS COVID-19 Round 3 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and social distancing; access to basic services; employment; non-farm enterprises; other income inflows in form of remittances to the households; credit/loans taken by the household, income loss; food security; concerns; shocks and coping strategies and social safety nets.

The contents of questionnaire are outlined below.

**Table 9-3: HFPS COVID-19 Round 3 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing)
5	Access to Basic Services	Household's access to pre/post-natal care for pregnant women, water for drinking and washing hands, medical appointments with health professionals.

Section	Topic	Description
6a	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
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise, challenges faced by the enterprise in the face of the COVID-19, strategies to conduct business
6c	Other Income	Remittances to the household from abroad; from family within the country; from non-family members; Income from property/savings and Pension.
6d	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
7	Income Loss	Household's sources of livelihood and their status since last call to the household.
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
10	Shocks and Coping Strategies	Shocks Households have faced since the pandemic outbreak and ways households have dealt with those shocks.
11	Social Safety Nets	Type, value and source of assistances that household received from social safety net programs since last call
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 9.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 3 survey.

- Household Roster
- Behaviour and Social Distancing
- Access to Basic Services
- Employment
- Non-Farm enterprises
- Other Income

- Credit
- Income Loss
- Food Security
- Concerns
- Shocks and Coping Strategies
- Social Safety Nets

Table 9-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 9-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r3
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r3
2	Household Roster Update	sect2_Household_Roster_r3
3	Knowledge Regarding the Spread of COVID-19	sect3_Knowledge_r3
4	Behaviour and Social Distancing	sect4_Behavior_r3
5	Access to Basic Services	sect5_Access_r3
6	Employment (Different Respondent)	sect6a_Employment1_r3
6a	Employment (Same Respondent as in Previous Round)	sect6a_Employment2_r3
6b	Non-Farm Enterprises	sect6b_NFE_r3
6c	Other Income	sect6c_OtherIncome_r3
7	Income Loss	sect7_Income_Loss_r3
8	Food Security	sect8_food_security_r3
9	Concerns	sect9_Concerns_r3
10	Shocks and Coping Strategies	sect10_Coping_r3
11	Social Safety Nets	sect11_Safety_Nets_r3
12	Interview Results	sect12_Interview_Result_r3

There were some changes made in the questionnaires between Round 2 and Round 3. Table 9-5 outlines these changes.

**Table 9-5: Round 2 to Round 3 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	Questions added in Round 3: s2q11_1
3	Knowledge Regarding the Spread of COVID-19	Dropped all questions

4	Behaviour and Social Distancing	Questions dropped; s4q4, s4q5 and s4q7
5	Access to Basic Services	Questions added in Round 3: s5q2_2a s5q2_2b s5q2_2c s5q2_2d s5q2_2e, s5q2_2f s5q17 s5q17a. Questions Dropped in Round 3 s5q2 s5q2a s5q2b s5q2c s5q1a3 s5q1b3 s5q1c3 s5q4 s5q5 s5q6a s5q6d s5q6 s5q7
6	Employment (Different Respondent)	No Change
6a	Employment (Same Respondent as in Previous Round)	No Change
6b	Non-Farm Enterprises	Questions added in Round 3; s6bq15c and s6bq15d
6c	Other Income	No Change
6d	Credit	New Module
7	Income Loss	No changes
8	Food Security	No changes
9	Concerns	Dropped questions; s9q6, s9q7 and s9q8. Renamed s9q5
10	Shocks and Coping Strategies	No Changes
11	Social Safety Nets	No Changes
12	Interview Results	No changes

## 10.0 Round 4

### 10.1 Overview

The Malawi HFPS-COVID 19 was administered from the September 12 – October 01, 16 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs conducted from the enumerators' homes.

### 10.2 Sample

Interviewers attempted to contact the 1707 households successfully interviewed during round 1. As shown in Table 10.1, 1,616 households (95% of the 1,709 sample) were contacted and fully interviewed. 3 households outright refused to be interviewed and 1 was partially done. About 5% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households. Of the 1616 households interviewed, 1,548 have been contacted across all four rounds.

Table 10.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1616.0	94.7
Partially Complete	1.0	0.1
Refused	3.0	0.2
Language barrier		
<b>Not Reached</b>		
Nobody answering	4.0	0.2
Number does not exist		
Phone turned off	79.0	4.6
Wrong number (don't know the household)		
Reference person can't connect to household	4.0	0.2

### 10.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 4 weights can be found in the household-level data file (*secta\_Cover\_Page\_r4*). The variable name is wt\_round4.

### 10.3 Survey Instruments

The HFPS COVID-19 Round 4 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and social distancing; access to basic services; employment; non-farm enterprises; other income inflows in form of remittances to the households; credit/loans taken by the household, income loss; agriculture; crop production and sales, livestock production and sales and concerns.

The contents of questionnaire are outlined below.

**Table 10-3: HFPS COVID-19 Round 4 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing)
5	Access to Basic Services	Household's access to pre/post-natal care for pregnant women, water for drinking and washing hands, medical appointments with health professionals.

6a	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
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise, challenges faced by the enterprise in the face of the COVID-19, strategies to conduct business
6c	Other Income	Remittances to the household from abroad; from family within the country; from non-family members; Income from property/savings and Pension.
6d	Credit	Household's debts status since the beginning of the coronavirus crisis and since the last time the household was called; use of loan, ability
6e	Agriculture	Sales of crops harvested during the 2019/2020 agricultural season. Dimba crop production and livestock production and sales.
7	Income Loss	Household's sources of livelihood and their status since last call to the household.
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

#### 10.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 4 survey.

- Household Roster
- Behaviour and Social Distancing
- Access to Basic Services
- Employment
- Non-Farm enterprises
- Other Income
- Credit
- Income Loss
- Agriculture
- Concerns



Table 10-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 10-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r4
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r4
2	Household Roster Update	sect2_Household_Roster_r4
4	Behaviour and Social Distancing	sect4_Behavior_r4
5	Access to Basic Services	sect5_Access_r4
6	Employment (Different Respondent)	sect6a_Employment1_r4
6a	Employment (Same Respondent as in Previous Round)	sect6a_Employment2_r4
6b	Non-Farm Enterprises	sect6b_NFE_r4
6c	Other Income	sect6c_OtherIncome_r4
6d	Credit	sect6d_Credit_r4
6e	Agriculture	sect6e_Agriculture_r4
7	Income Loss	sect7_Income_Loss_r4
9	Concerns	sect9_Concerns_r4
12	Interview Results	sect12_Interview_Result_r4

There were some changes made in the questionnaires between Round 3 and Round 4. Table 10-5 outlines these changes.

**Table 10-5: Round 3 to Round 4 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	No Changes
3	Knowledge Regarding the Spread of COVID-19	Dropped all questions
4	Behaviour and Social Distancing	Questions dropped; s4q9, s4q10, s4q11 and s4q12
5	Access to Basic Services	Questions added in Round 4: s5q2_2j s5q2_2k s5q2_2l s5q18 s5q19 Phrasing changed in Round 4: s5q17
6	Employment (Different Respondent)	No Change
6a	Employment (Same Respondent as in Previous Round)	No Change
6b	Non-Farm Enterprises	No Change
6c	Other Income	No Change

6d	Credit	Renamed variables and added new questions
6e	Agriculture	New Module
7	Income Loss	No changes
8	Food Security	Dropped this Module
9	Concerns	No Changes
10	Shocks and Coping Strategies	Dropped this Module
11	Social Safety Nets	Dropped this Module
12	Interview Results	No changes

## 11.0 Round 5

### 11.1 Overview

The fifth round of the HFPS-COVID 19 was administered from the October 29 – November 16, 2020. 16 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs conducted from the enumerators' homes.

### 11.2 Sample

Interviewers attempted to contact the 1704 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 11.1, 1,589 households (93% of the 1,704 sample) were contacted and fully interviewed. 1 household outright refused to be interviewed. About 7% of the households could not be contacted because mostly the phones were not one during the 9 attempts that were made to contact these households.

Table 11.1 Result of Interview		
	OVERALL	
	Number of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1589.0	93.3
Partially Complete		
Refused	1.0	0.1
Language barrier		
<b>Not Reached</b>		
Nobody answering	11.0	0.6
Number does not exist	1.0	0.1
Phone turned off		
Wrong number (don't know the household)	94.0	5.5
Reference person can't connect to household	8.0	0.5

### 11.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 5 weights can be found in the household-level data file (*secta\_Cover\_Page\_r5*). The variable name is wt\_round5.

### 11.3 Survey Instruments

The HFPS COVID-19 Round 5 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and social distancing; access to basic services; employment; education; non-farm enterprises; other income inflows in form of remittances to the households; food security; crop production and sales, livestock production and sales; safety nets and concerns.

The contents of questionnaire are outlined below.

**Table 11-3: HFPS COVID-19 Round 5 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing), willingness to get tested and vaccinated at a free cost.
5	Access to Basic Services	Household's access to staple foods, medicine and medical services.
5c	Education	Level of satisfaction with the preventive measures against COVID-19 that put in place by schools where the children in the household go to. Access to learning activities by children who aren't currently

Section	Topic	Description
6a	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, changes in work hours for the principle respondent AND any other randomly selected members.
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise, challenges faced by the enterprise in the face of the COVID-19, strategies to conduct business
6c	Other Income	Remittances to the household from abroad; from family within the country; from non-family members; Income from property/savings and Pension
6e	Agriculture	Sales of crops harvested during the 2019/2020 agricultural season. Dimba crop production and livestock production and sales.
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
11	Social Safety Nets	Type, value and source of assistances that household received from social safety net programs since last call
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

**Table 11-4: Sections Across Malawi HFPS COVID-19 Rounds**

Section	HFPS Rounds				
	1	2	3	4	5
A. Cover	X	X	X	X	X
1. Interview Information and Phone Number Roster	X	X	X	X	X
2. Household Roster Update	X	X	X	X	X
3. Knowledge Regarding the Spread of COVID-19	X	X			
4. Behaviour and Social Distancing	X	X	X	X	X
5. Access to Basic Services	X	X	X	X	X
5b. Credit			X	X	

5c. Education* ( <i>In some rounds, asked as part of the access module</i> )	X	X	X		X
6a. Employment (respondent)	X	X	X	X	X
6. Employment (selected household members)					X
6e. Agriculture	X			X	X
6b. Non Farm Enterprises	X	X	X	X	X
7. Income Loss/Other Income/Income Changes	X	X	X	X	X
8. Food Security	X	X	X		X
9. Concerns	X	X	X	X	X
10. Coping/Shocks		X	X		
11. Social Safety Nets	X	X	X		X
12. Interview Results	X	X	X	X	X

#### 11.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 5 survey.

- Household Roster
- Behaviour and Social Distancing
- Access to Basic Services
- Education
- Employment
- Non-Farm enterprises
- Other Income
- Agriculture
- Food Security
- Concerns
- Safety Nets

The employment questions in Section 6, which are asked to selected members of the household, are a sub-set of questions included in Section 6a, which is administered only to the respondents. For convenience, the employment information on the respondents are duplicated and included

both in the household-level data file (*sect6a\_Employment2\_r5*) and in the individual-level data file (*sect6\_Employment\_Other\_r5*).

Table 11-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 11-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r5
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r5
2	Household Roster Update	sect2_Household_Roster_r5
4	Behaviour and Social Distancing	sect4_Behavior_r5
5	Access to Basic Services	sect5_Access_r5
6	Employment (Respondent)	sect6a_Employment2_r5
6a	Employment (Other Randomly Selected)	sect6_Employment_Other_r5
6b	Non-Farm Enterprises	sect6b_NFE_r5
6c	Other Income	sect6c_OtherIncome_r5
6e	Agriculture	sect6e_Agriculture_r5
6e	Agriculture – Livestock Products	sect6e_Livestock_Products_r5
8	Food Security	sect8_food_security_r5
9	Concerns	sect9_Concerns_r5
11	Safety Nets	sect11_Safety_Nets_r5
12	Interview Results	sect12_Interview_Result_r5

There were some changes made in the questionnaires between Round 4 and Round 5. Table 11-6 outlines these changes.

**Table 11-6: Round 4 to Round 5 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	No Changes
4	Behaviour and Social Distancing	Questions Added; s4q5 s4q7 s4q8a s4q8b s4q8c s4q8d Rephrasing of Questions and update of

5	Access to Basic Services	<p>Questions dropped in Round 5: s5q2_2a s5q2_2b s5q2_2c* s5q2_2d s5q2_2e s5q2_2f*1 s5q2_2j s5q1a2 s5q1b2 s5q1a2_1 s5q1a2_2 s5q17 s5q17a s5q18 s5q19</p> <p>Questions <i>added back</i> in Round 5: s5q2</p>
5c	Education	New Questions
6a	Employment (Respondent)	<p>New Question: s6q5a s6q9__*</p> <p>Questions Dropped: s6q8d* s6q8e</p>
6	Employment (Randomly Selected Respondents for the Individual Level Questions)	<p>Some Questions are same as in 6a, ALSO note that observations of the principle respondent are also added in this module. Variable <b>respondent</b> will deduce if an</p>
6b	Non-Farm Enterprises	No Change
6c	Other Income	No Change
6e	Agriculture	<p>Additional Questions on Livestock Products.</p> <p>Renaming of variables done.</p>
8	Food Security	Brought back this Module
9	Concerns	No Changes
11	Social Safety Nets	Brought back this Module
12	Interview Results	No changes



## 12.0 Round 6

### 12.1 Overview

The sixth round of the HFPS-COVID 19 was administered from the December 10 – December 29, 2020. 18 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs conducted from the enumerators' homes.

### 12.2 Sample

Interviewers attempted to contact the 1703 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 12.1, 1,592 households (93% of the 1,703 sample) were contacted and fully interviewed. 2 households outright refused to be interviewed. About 6% of the households could not be contacted because mostly the phones were not one during the 9 attempts that were made to contact these households.

Table 12.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1592.0	93.5
Partially Complete	2.0	0.1
Refused	2.0	0.1
Language barrier		
<b>Not Reached</b>		
Nobody answering	6.0	0.4
Number does not exist		
Phone turned off	91.0	5.3
Wrong number (don't know the household)		
Reference person can't connect to household	10.0	0.6

### 12.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 6 weights can be found in the household-level data file (*secta\_Cover\_Page\_r6*). The variable name is wt\_round6.

### 12.3 Survey Instruments

The HFPS COVID-19 Round 6 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and social distancing; access to basic services; mental health; early child development; employment; crop production and sales, livestock sales; other income inflows in form of remittances to the households; food security and concerns.

The contents of questionnaire are outlined below.

**Table 12-3: HFPS COVID-19 Round 6 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing).
5	Access to Basic Services	Household's access to agricultural inputs, medicine and medical services.
4b	Mental Health	This section is made of 8 different statements about the respondent's feelings in the last 2 weeks.

5d	Early Child Development	This module will be administered only to households that have a child aged 2 to 10 years. If household has more than one child in this age group, one child will randomly be selected for interviews. Module contains information pertaining to household characteristics, parental
6a	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, changes in work hours for the
6c	Other Income	Remittances to the household from abroad; from family within the country; from non-family members; Income from property/savings and Pension.
6e	Agriculture	Sales of crops harvested during the 2019/2020 agricultural season. Dimba crop production and livestock production and sales.
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

**Table 12-4: Sections Across Malawi HFPS COVID-19 Rounds**

	<b>HFPS Rounds</b>					
<b>Section</b>	1	2	3	4	5	6
A. Cover	X	X	X	X	X	X
1. Interview Information and Phone Number Roster	X	X	X	X	X	X
2. Household Roster Update	X	X	X	X	X	X
3. Knowledge Regarding the Spread of COVID-19	X	X				
4. Behaviour and Social Distancing	X	X	X	X	X	X
4d. Mental Health						
5. Access to Basic Services	X	X	X	X	X	X
5b. Credit			X	X		
5c. Education* ( <i>In some rounds, asked as part of the access module</i> )	X	X	X		X	
5d. Early Child Development						X
6a. Employment (respondent)	X	X	X	X	X	X
6. Employment (selected household members)					X	
6e. Agriculture	X			X	X	X
6b. Non Farm Enterprises	X	X	X	X	X	
7. Income Loss/Other Income/Income Changes	X	X	X	X	X	X
8. Food Security	X	X	X		X	X
9. Concerns	X	X	X	X	X	X
10. Coping/Shocks		X	X			
11. Social Safety Nets	X	X	X		X	
12. Interview Results	X	X	X	X	X	X

## 12.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 6 survey.

- Household Roster

- Behaviour and Social Distancing
- Mental Health
- Access to Basic Services
- Early Child Development
- Employment
- Other Income
- Agriculture
- Food Security
- Concerns

Table 12-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 12-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r6
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r6
2	Household Roster Update	sect2_Household_Roster_r6
4	Behaviour and Social Distancing	sect4_Behavior_r6
4d	Mental Health	sect4b_patienthealth_r6
5	Access to Basic Services	sect5_Access_r6
5d	Early Child Development	sect5d_ChildDevt_r6
6	Employment (Respondent)	sect6a_Employment2_r6
6c	Other Income	sect6c_OtherIncome_r6
6e	Agriculture	sect6e_Agriculture_r6
8	Food Security	sect8_food_security_r6
9	Concerns	sect9_Concerns_r6
12	Interview Results	sect12_Interview_Result_r6

There were some changes made in the questionnaires between Round 5 and Round 6. Table 12-6 outlines these changes.

**Table 12-6: Round 5 to Round 6 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	No Changes

4	Behaviour and Social Distancing	Questions <u>Dropped</u> ; s4q8a s4q8b s4q8c s4q8cot s4q8d s4q8dot
4b	Mental Health	New Module
5	Access to Basic Services	Questions dropped in Round 6: s5q2 s5q2a s5q2b s5q2c  Questions <u>added</u> in Round 6: s5q0a
5c	Education	Dropped Module
6a	Employment (Respondent)	No Changes
6b	Non-Farm Enterprises	Dropped Module
6c	Other Income	No Change
6e	Agriculture	No Change
8	Food Security	No Change
9	Concerns	Dropped: s9q3* s9q4 s9q7 s9q9 s9q9b
11	Social Safety Nets	Dropped Module
12	Interview Results	No changes

## 13.0 Round 7

### 13.1 Overview

The seventh round of the HFPS-COVID 19 was administered from the January 20 – February 06, 2021. Because of the increased infections in the country, management decided that the 18 enumerators made the phone calls to households from their homes.

### 13.2 Sample

Interviewers attempted to contact the 1701 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 13.1, 1,560 households (92% of the 1,701 sample) were contacted and fully interviewed. About 8% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 13.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1560.0	91.7
Partially Complete		
Refused		
Language barrier		
<b>Not Reached</b>		
Nobody answering	12.0	0.7
Number does not exist		
Phone turned off	120.0	7.1
Wrong number (don't know the household)		
Reference person can't connect to household	9.0	0.5

### 13.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 7 weights can be found in the household-level data file (*secta\_Cover\_Page\_r7*). The variable name is wt\_round7.

### 13.3 Survey Instruments

The HFPS COVID-19 Round 7 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; Misconceptions about the COVID-19 vaccine and perception of spread; behaviour and social distancing; access to basic services; education; employment; non-farm enterprises; post planting activities for agricultural households; credit/loans taken by the household, income loss; shocks and coping strategies food security and concerns.

The contents of questionnaire are outlined below.

**Table 13-3: HFPS COVID-19 Round 7 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
3	Knowledge	Misconceptions about the COVID-19 vaccine and perception of spread of COVID-19.
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing).
5	Access to Basic Services	Household's access to agricultural inputs, medicine and medical services.
5c	Education	COVID-19 precautions at schools.



6a	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, changes in work hours for the
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise, challenges faced by the enterprise in the face of the COVID-19, strategies to conduct business
6e	Agriculture	Post Planting Activities for the 2020/2021 Rainy Season
6d	Credit	Household's debts status since the last call; use of loan, ability to repay loan when their scheduled payment is due
7	Income Loss	Household's sources of livelihood and their status since last call to the household.
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
10	Shocks and Coping Strategies	Shocks Households have faced since August and ways households have dealt with those shocks.
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

**Table 13-4: Sections Across Malawi HFPS COVID-19 Rounds**

Section	HFPS Rounds						
	1	2	3	4	5	6	7
A. Cover	X	X	X	X	X	X	X
1. Interview Information and Phone Number Roster	X	X	X	X	X	X	X
2. Household Roster Update	X	X	X	X	X	X	X
3. Knowledge Regarding the Spread of COVID-19	X	X					X
4. Behaviour and Social Distancing	X	X	X	X	X	X	
4d. Mental Health							
5. Access to Basic Services	X	X	X	X	X	X	X
5b. Credit			X	X			X
5c. Education* ( <i>In some rounds, asked as part of the access module</i> )	X	X	X		X		X
5d. Early Child Development						X	
6a. Employment (respondent)	X	X	X	X	X	X	X
6. Employment (selected household members)					X		
6e. Agriculture	X			X	X	X	X
6b. Non-Farm Enterprises	X	X	X	X	X		X
7. Income Loss/Other Income/Income Changes	X	X	X	X	X	X	X
8. Food Security	X	X	X		X	X	X
9. Concerns	X	X	X	X	X	X	X
10. Coping/Shocks		X	X				X
11. Social Safety Nets	X	X	X		X		
12. Interview Results	X	X	X	X	X	X	X

### 13.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 7 survey.

- Household Roster
- Knowledge
- Behaviour and Social Distancing

- Access to Basic Services
- Education
- Employment
- Non-Farm Enterprises
- Agriculture
- Food Security
- Credit
- Income Losses
- Shocks and Coping Strategies
- Concerns

Table 13-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 13-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r7
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r7
2	Household Roster Update	sect2_Household_Roster_r7
3	Knowledge	sect3_Knowledge_r7
4	Behaviour and Social Distancing	sect4_Behavior_r7
5	Access to Basic Services	sect5_Access_r7
5c	Education	sect5c_Education_r7
6	Employment (Respondent)	sect6a_Employment2_r7
6b	Non-Farm Enterprises	sect6b_NFE_r7
6e	Agriculture	sect6e_Agriculture_r7
8	Food Security	sect8_food_security_r7
9	Concerns	sect9_Concerns_r7
6d	Credit	sect6d_Credit_r7
7	Income Loss	sect7_Income_Loss_r7
10	Shocks and Coping Strategies	sect10_Coping_r7
12	Interview Results	sect12_Interview_Result_r7

There were some changes made in the questionnaires between Round 6 and Round 7. Table 13-6 outlines these changes.

**Table 13-6: Round 6 to Round 7 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	No Changes
3	Knowledge	New Questions
4	Behaviour and Social Distancing	No Changes
4b	Mental Health	Dropped Module
5	Access to Basic Services	Questions dropped in Round 7: s5q1a3 s5q1b3 s5q1c3* New Questions Added: s5q6 s5q7 s5q8
5c	Education	Added Module back
6a	Employment (Respondent)	No Changes
6b	Non-Farm Enterprises	Added back this Module
6c	Other Income	Dropped
6e	Agriculture	Questions Changed to Post Planting
6d	Credit	Added Back this Module
7	Income Losses	Added Back this Module
8	Food Security	No Changes
9	Concerns	No Changes
10	Shocks and Coping Strategies	Added Back this Module
12	Interview Results	No changes

## 14.0 Round 8

### 14.1 Overview

The eighth round of the HFPS-COVID 19 was administered from the February 23 – March 15, 2021. Because of the increased infections in the country, management decided that the 18 enumerators made the phone calls to households from their homes.

### 14.2 Sample

Interviewers attempted to contact the 1701 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 14.1, 1,551 households (91% of the 1,701 sample) were contacted and fully interviewed. About 8% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 14.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1551.0	91.2
Partially Complete		
Refused	1.0	0.1
Language barrier		
<b>Not Reached</b>		
Nobody answering	7.0	0.4
Number does not exist		
Phone turned off	137.0	8.1
Wrong number (don't know the household)		
Reference person can't connect to household	5.0	0.3

### 14.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 8 weights can be found in the household-level data file (*secta\_Cover\_Page\_r8*). The variable name is wt\_round8.

### 14.3 Survey Instruments

The HFPS COVID-19 Round 8 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and concerns regarding COVID-19; access to basic services; employment; non-farm enterprises; credit/loans taken by the household; food security; concerns and safety nets.

The contents of questionnaire are outlined below.

**Table 14-3: HFPS COVID-19 Round 8 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing).
5	Access to Basic Services	Household's access to clean and safe water, medicine and medical services.
6a	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, changes in work hours for the
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise.
6d	Credit	Household's debts status since the last call; use of loan, ability to repay loan when their scheduled payment is due

8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
11	Social Safety Nets	Type, value and source of assistances that household received from social safety net programs since November 2020
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

**Table 14-4: Sections Across Malawi HFPS COVID-19 Rounds**

Section	HFPS Rounds							8
	1	2	3	4	5	6	7	
A. Cover	X	X	X	X	X	X	X	X
1. Interview Information and Phone Number Roster	X	X	X	X	X	X	X	X
2. Household Roster Update	X	X	X	X	X	X	X	X
3. Knowledge Regarding the Spread of COVID-19	X	X					X	
4. Behaviour and Social Distancing	X	X	X	X	X	X		X
4d. Mental Health						X		
5. Access to Basic Services	X	X	X	X	X	X	X	X
5b. Credit			X	X			X	X
5c. Education* ( <i>In some rounds, asked as part of the access module</i> )	X	X	X		X		X	
5d. Early Child Development						X		
6a. Employment (respondent)	X	X	X	X	X	X	X	X
6. Employment (selected household members)					X			
6e. Agriculture	X			X	X	X	X	
6b. Non-Farm Enterprises	X	X	X	X	X		X	X
7. Income Loss/Other Income/Income Changes	X	X	X	X	X	X	X	
8. Food Security	X	X	X		X	X	X	X
9. Concerns	X	X	X	X	X	X	X	X
10. Coping/Shocks		X	X				X	
11. Social Safety Nets	X	X	X		X			X
12. Interview Results	X	X	X	X	X	X	X	X

#### 14.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 8 survey.

- Household Roster
- Behaviour and Social Distancing
- Access to Basic Services



- Employment
- Non-Farm Enterprises
- Food Security
- Credit
- Concerns
- Safety Nets

Table 14-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 14-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r8
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r8
2	Household Roster Update	sect2_Household_Roster_r8
4	Behaviour and Social Distancing	sect4_Behavior_r8
5	Access to Basic Services	sect5_Access_r8
6	Employment (Respondent)	sect6a_Employment2_r8
6b	Non-Farm Enterprises	sect6b_NFE_r8
8	Food Security	sect8_food_security_r8
9	Concerns	sect9_Concerns_r8
6d	Credit	sect6d_Credit_r8
11	Social Safety Nets	sect11_Safety_Nets_r8
12	Interview Results	sect12_Interview_Result_r8

There were some changes made in the questionnaires between Round 7 and Round 8. Table 14-6 outlines these changes.

**Table 14-6: Round 7 to Round 8 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	No Changes
3	Knowledge	Dropped Module
4	Behaviour and Social Distancing	Dropped s4q1 s4q2a s4q3a s4q3b s4q5 Questions Added; s4q8a s4q8b s4q8c

5	Access to Basic Services	Questions dropped in Round 8: s5q0b s5q0c s5q0d__1* New Questions (Re-)added: s5q6 s5q7
5c	Education	Dropped Module
6a	Employment (Respondent)	Questions dropped in Round 8: s6q8c1 s6a9*
6b	Non-Farm Enterprises	Questions Dropped in Round 8: s6qb15__* s6bq15a s6bq15b__*
6e	Agriculture	Questions Dropped
6d	Credit	Reference Period Changed
7	Income Losses	Dropped this Module
8	Food Security	No Changes
9	Concerns	No Changes
10	Shocks and Coping Strategies	Dropped this Module
11	Safety Nets	Added Back this Module
12	Interview Results	No changes

## 15.0 Round 9

### 15.1 Overview

The ninth round of the HFPS-COVID 19 was administered from the April 07 and April 23, 2021. 18 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs conducted from the enumerators' homes.

### 15.2 Sample

Interviewers attempted to contact the 1700 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 14.1, 1,545 households (91% of the 1,700 sample) were contacted and fully interviewed. About 8% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 15.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1545.0	90.9
Partially Complete	1.0	0.1
Refused	1.0	0.1
Language barrier		
<b>Not Reached</b>		
Nobody answering	9.0	0.5
Number does not exist		
Phone turned off	134.0	7.9
Wrong number (don't know the household)		
Reference person can't connect to household	10.0	0.6

### 15.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 9 weights can be found in the household-level data file (*secta\_Cover\_Page\_r9*). The variable name is wt\_round9.

### 15.3 Survey Instruments

The HFPS COVID-19 Round 9 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and concerns regarding COVID-19; mental health; access to basic services; employment; non-farm enterprises; income changes; food security and concerns.

The contents of questionnaire are outlined below.

**Table 15-3: HFPS COVID-19 Round 9 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing). Willingness to get vaccinated against COVID-19.
4a	Mental Health	This section is made of 8 different statements about the respondent's feelings in the last 2
5	Access to Basic Services	Household's access to staple foods, medicine and medical services.
6a	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, changes in work hours for the
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise.

7	Income Loss	Household's sources of livelihood and their status since last call to the
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

**Table 15-4: Sections Across Malawi HFPS COVID-19 Rounds**

	HFPS Rounds								
Section	1	2	3	4	5	6	7	8	9
A. Cover	X	X	X	X	X	X	X	X	X
1. Interview Information and Phone Number Roster	X	X	X	X	X	X	X	X	X
2. Household Roster Update	X	X	X	X	X	X	X	X	X
3. Knowledge Regarding the Spread of COVID-19	X	X					X		
4. Behaviour and Social Distancing	X	X	X	X	X	X		X	X
4d. Mental Health						X			X
5. Access to Basic Services	X	X	X	X	X	X	X	X	X
5b. Credit			X	X			X	X	
5c. Education* ( <i>In some rounds, asked as part of the access module</i> )	X	X	X		X		X		
5d. Early Child Development						X			
6a. Employment (respondent)	X	X	X	X	X	X	X	X	X
6. Employment (selected household members)					X				
6e. Agriculture	X			X	X	X	X		
6b. Non-Farm Enterprises	X	X	X	X	X		X	X	X
7. Income Loss/Other Income/Income Changes	X	X	X	X	X	X	X		X
8. Food Security	X	X	X		X	X	X	X	X
9. Concerns	X	X	X	X	X	X	X	X	X
10. Coping/Shocks		X	X				X		
11. Social Safety Nets	X	X	X		X			X	
12. Interview Results	X	X	X	X	X	X	X	X	X

#### 15.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 9 survey.

- Household Roster
- Behaviour and Social Distancing

- Mental Health
- Access to Basic Services
- Employment
- Non-Farm Enterprises
- Income Loss
- Food Security
- Concerns

Table 15-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 15-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r9
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r9
2	Household Roster Update	sect2_Household_Roster_r9
4	Behaviour and Social Distancing	sect4_Behavior_r9
4b	Mental Health	sect4b_patienthealth_r9
5	Access to Basic Services	sect5_Access_r9
6	Employment (Respondent)	sect6a_Employment2_r9
6b	Non-Farm Enterprises	sect6b_NFE_r9
7	Income Loss	sect7_Income_Loss_r9
8	Food Security	sect8_food_security_r9
9	Concerns	sect9_Concerns_r9
12	Interview Results	sect12_Interview_Result_r9

There were some changes made in the questionnaires between Round 8 and Round 9. Table 15-6 outlines these changes.

**Table 15-6: Round 8 to Round 9 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	No Changes
4	Behaviour and Social Distancing	New Questions added: s4q8b_1 s4q8b_2
4b	Mental Health	Added back this Module in Round 9

5	Access to Basic Services	<b>New Questions added:</b> s4q8bs5q2 s5q2a s5q2b s5q2c s5q2d <b>Questions Dropped:</b> s5q1a1 s5q1b1
6a	Employment (Respondent)	No Changes
6b	Non-Farm Enterprises	No Changes
6d	Credit	Dropped Module
7	Income Losses	Added (back) this Module
8	Food Security	No Changes
9	Concerns	No Changes
11	Safety Nets	Dropped this Module
12	Interview Results	No changes



## 16.0 Round 10

### 16.1 Overview

The tenth round of the HFPS-COVID 19 was administered from the 29<sup>th</sup> of April and 14<sup>th</sup> of May 2021. 17 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 16.2 Sample

For the tenth-round of the survey, all the households that were successfully interviewed in the previous round and have youth between 15-25 years (about 1,136 households) formed the sample. A randomly selected youth between 15 – 25 years was to be interviewed.

The main objectives of this round are to collect data on youth aspirations and the challenges to education and employment. Specifically, information on school attendance and completion, employment activities, as well as education and employment (dream job) was collected for the selected youths. Data was also collected on the selected youths' potential migration from their current location and their possible destination.

As shown in Table 16.1, 919 households (81% of the 1,136 sample) were contacted and fully interviewed. About 18% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 16.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<i>Reached</i>		
Complete	919.0	80.9
Partially Complete	12.0	1.1
Refused	1.0	0.1

Language barrier		
<b>Not Reached</b>		
Nobody answering	24.0	2.1
Number does not exist		
Phone turned off	170.0	15.0
Wrong number (don't know the household)		
Reference person can't connect to household	10.0	0.9

### 16.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 10 weights can be found in the household-level data file (*secta\_Cover\_Page\_r10*). The variable name is wt\_round10.

### 16.3 Survey Instruments

The HFPS COVID-19 Round 10 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on youth education, employment and aspirations and behaviour and concerns regarding COVID-19.

The contents of questionnaire are outlined below.

**Table 16-3: HFPS COVID-19 Round 10 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster	Prefilled information regarding sex and relationship to the household head.
4	Behaviour and Social	Adoption of Vaccines
5e	Youth Education, Employment and Aspirations	Youth aspirations and the challenges to education and employment. Specifically, information on school attendance and completion, employment activities, as well as education and employment (dream
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 16.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 10 survey.

- Behaviour and Social Distancing
- Youth Education, Employment and Aspirations

Table 16-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 16-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r10
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r10
2	Household Roster	sect2_Household_Roster_r10
4	Behaviour and Social Distancing	sect4_Behavior_r10
5	Youth Education, Employment and Aspirations	sect5e_Youth_r10
12	Interview Results	sect12_Interview_Result_r10

Between Round 9 and 10, the questionnaire content was different since Round 10 was solely focused on the interviewing the selected youth.

The data should always be used in conjunction with the questionnaire and the interviewer's instruction manual. Where there are no issues of confidentiality, all the variables from the questionnaire have been included in the data sets. In some cases, there is an additional variable which contains the "other specify" information that was written in the questionnaire. So, for example, the other specify variable will be indicated with an “\_os” attached to the variable name such as q5\_os containing the “other specify” information for a variable q5.

## 17.0 Round 11

### 17.1 Overview

The eleventh round of the HFPS-COVID 19 was administered from the 26<sup>th</sup> of May and 9<sup>th</sup> of June 2021. 18 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 17.2 Sample

Interviewers attempted to contact the 1699 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 14.1, 1,541 households (91% of the 1,699 sample) were contacted and fully interviewed. About 9% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 17.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1541.0	90.7
Partially Complete	1.0	0.1
Refused	1.0	0.1
Language barrier		
<b>Not Reached</b>		
Nobody answering	7.0	0.4
Number does not exist		
Phone turned off	147.0	8.7
Wrong number (don't know the household)		
Reference person can't connect to household	2.0	0.1

### 17.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 11 weights can be found in the household-level data file (*secta\_Cover\_Page\_r11*). The variable name is wt\_round11.

### 17.3 Survey Instruments

The HFPS COVID-19 Round 11 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and concerns regarding COVID-19; access to basic services; employment; non-farm enterprises; income changes; food security; activities of agricultural households and concerns.

The contents of questionnaire are outlined below.

**Table 17-3: HFPS COVID-19 Round 11 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing).
5	Access to Basic Services	Prices of staple foods and medical services.
6a	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, changes in work hours for the
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise.
6e	Agriculture	Inputs and Harvest Activities for the 2020/2021 Rainy Season
7	Income Loss	Household's sources of livelihood and their status since APRIL 2021.

8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

**Table 17-4: Sections Across Malawi HFPS COVID-19 Rounds**

	HFPS Rounds											
Section	1	2	3	4	5	6	7	8	9	10	11	12
A. Cover	X	X	X	X	X	X	X	X	X	X	X	X
1. Interview Information and Phone Number Roster	X	X	X	X	X	X	X	X	X	X	X	X
2. Household Roster Update	X	X	X	X	X	X	X	X	X		X	X
3. Knowledge Regarding the Spread of COVID-19	X	X					X					
4. Behaviour and Social Distancing	X	X	X	X	X	X		X	X		X	X
4d. Mental Health						X			X			
5. Access to Basic Services	X	X	X	X	X	X	X	X	X		X	X
5b. Credit			X	X			X	X				
5c. Education* (In some rounds, asked as part of the access module)	X	X	X		X		X					
5d. Early Child Development						X						X
5e. Youth Aspirations and Employment										X		
6a. Employment (respondent)	X	X	X	X	X	X	X	X	X		X	X
6. Employment (selected household members)					X							
6e. Agriculture	X			X	X	X	X				X	X
6b. Non-Farm Enterprises	X	X	X	X	X		X	X	X		X	X
7. Income Loss/Other Income/Income Changes	X	X	X	X	X	X	X		X		X	
8. Food Security	X	X	X		X	X	X	X	X		X	X
9. Concerns	X	X	X	X	X	X	X	X	X		X	X
10. Coping/Shocks		X	X				X					
11. Social Safety Nets	X	X	X		X			X				
12. Interview Results	X	X	X	X	X	X	X	X	X	X	X	X

#### 17.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 11 survey.

- Household Roster
- Behaviour and Social Distancing

- Access to Basic Services
- Employment
- Non-Farm Enterprises
- Agriculture
- Income Changes
- Food Security
- Concerns

Table 17-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 17-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r11
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r11
2	Household Roster Update	sect2_Household_Roster_r11
4	Behaviour and Social Distancing	sect4_Behavior_r11
5	Access to Basic Services	sect5_Access_r11
6	Employment (Respondent)	sect6a_Employment2_r11
6b	Non-Farm Enterprises	sect6b_NFE_r11
6e	Agriculture	sect6e_Agriculture_r11
7	Income Loss	sect7_Income_Loss_r11
8	Food Security	sect8_food_security_r11
9	Concerns	sect9_Concerns_r11
12	Interview Results	sect12_Interview_Result_r11ss

There were some changes made in the questionnaires between Round 9 and Round 11. Table 17-6 outlines these changes. Note that the changes described do not encompass Round 10 since Round 10 had a different questionnaire in comparison to all other rounds so far.

**Table 17-6: Round 9 to Round 11 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number	No changes
2	Household Roster Update	No Changes
4	Behaviour and Social Distancing	Questions Dropped: s4q8a s4q8b s4q8b_1 s4q8b_2 s4q8c s4q8d
4b	Mental Health	Dropped this Module



5	Access to Basic Services	<b>Questions Dropped:</b> s5q2a s5q2b s5q2c s5q6 s5q6a s5q5b s5q5c s5q5d
6a	Employment (Respondent)	No Changes
6b	Non-Farm Enterprises	No Changes
6e	Agriculture	Added this module to capture farm activities for the 2020/21 rainy season
7	Income Losses	Changed Reference Period for s7q2
8	Food Security	No Changes
9	Concerns	No Changes
12	Interview Results	No changes

## 18.0 Round 12

### 18.1 Overview

The twelfth round of the HFPS-COVID 19 was administered from the 14<sup>th</sup> of May and 30<sup>th</sup> of June 2021. 18 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 18.2 Sample

Interviewers attempted to contact the 1698 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 18.1, 1,533 households (90% of the 1,698 sample) were contacted and fully interviewed. About 9% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 18.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1533.0	90.3
Partially Complete		
Refused	2.0	0.1
Language barrier		
<b>Not Reached</b>		
Nobody answering	9.0	0.5
Number does not exist		
Phone turned off	151.0	8.9
Wrong number (don't know the household)		

Reference person can't connect to household	3.0	0.2
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### 18.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The round 12 weights can be found in the household-level data file (*secta\_Cover\_Page\_r12*). The variable name is wt\_round12.

### 18.3 Survey Instruments

The HFPS COVID-19 Round 12 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; behaviour and concerns regarding COVID-19; access to basic services; early child development; employment; non-farm enterprises; food security and activities of agricultural households.

The contents of questionnaire are outlined below.

**Table 18-3: HFPS COVID-19 Round 12 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
4	Behaviour and Social Distancing	Adoption of prevention measures (handwashing and social distancing).
5	Access to Basic Services	Access to medical services.

5d	Early Child Development	This module will be administered only to households that have a child aged 2 to 10 years. If household has more than one child in this age group, one child will randomly be selected for interviews. Module
6a	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, changes in work hours for the
6b	Non-Farm Enterprises	Household operation of a non-farm enterprise.
6e	Agriculture	Harvest and Sales for the 2020/2021 Rainy Season. Livestock
8	Food Security	Household's food security status during the last 30 days
9	Concerns	Concerns over immediate family becoming seriously ill from COVID-19 and household's financial status
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

**Table 18-4: Sections Across Malawi HFPS COVID-19 Rounds**

	HFPS Rounds											
Section	1	2	3	4	5	6	7	8	9	10	11	12
A. Cover	X	X	X	X	X	X	X	X	X	X	X	X
1. Interview Information and Phone Number Roster	X	X	X	X	X	X	X	X	X	X	X	X
2. Household Roster Update	X	X	X	X	X	X	X	X	X		X	X
3. Knowledge Regarding the Spread of COVID-19	X	X					X					
4. Behaviour and Social Distancing	X	X	X	X	X	X		X	X		X	X
4d. Mental Health						X			X			
5. Access to Basic Services	X	X	X	X	X	X	X	X	X		X	X
5b. Credit			X	X			X	X				
5c. Education* (In some rounds, asked as part of the access module)	X	X	X		X		X					
5d. Early Child Development						X						X
5e. Youth Aspirations and Employment										X		
6a. Employment (respondent)	X	X	X	X	X	X	X	X	X		X	X
6. Employment (selected household members)					X							
6e. Agriculture	X			X	X	X	X				X	X
6b. Non-Farm Enterprises	X	X	X	X	X		X	X	X		X	X
7. Income Loss/Other Income/Income Changes	X	X	X	X	X	X	X		X		X	
8. Food Security	X	X	X		X	X	X	X	X		X	X
9. Concerns	X	X	X	X	X	X	X	X	X		X	X
10. Coping/Shocks		X	X				X					
11. Social Safety Nets	X	X	X		X			X				
12. Interview Results	X	X	X	X	X	X	X	X	X	X	X	X

#### 18.4 Description of Datasets

These modules were administered in the HFPS COVID-19 round 12 survey.

- Household Roster
- Behaviour and Social Distancing

- Access to Basic Services
- Early Childhood Development
- Employment
- Non-Farm Enterprises
- Agriculture
- Food Security
- Concerns

Table 18-5 shows the sections of the Questionnaire and their corresponding datasets.

**Table 18-5: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r12
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r12
2	Household Roster Update	sect2_Household_Roster_r12
4	Behaviour and Social Distancing	sect4_Behavior_r12
5	Access to Basic Services	sect5_Access_r12
5d	Early Child Development	sect5d_ChildDevt_r12
6	Employment (Respondent)	sect6a_Employment2_r12
6b	Non-Farm Enterprises	sect6b_NFE_r12
6e	Agriculture	sect6e_Agriculture_r12
6e	Agriculture – Livestock Products	sect6e_Livestock_Products_r12
8	Food Security	sect8_food_security_r12
9	Concerns	sect9_Concerns_r12
12	Interview Results	sect12_Interview_Result_r12

There were some changes made in the questionnaires between Round 11 and Round 12. Table 18-6 outlines these changes.

**Table 18-6: Round 11 to Round 12 Comparison**

Section	Section Name	Notes
Cover	Cover	No changes
1	Interview Information and Phone Number Roster	No changes
2	Household Roster Update	No Changes
4	Behaviour and Social Distancing	No Changes

5	Access to Basic Services	<b>Questions Dropped:</b> s5q2 and s5q7
5d	Early Child Development	<b>Added</b> Module
6a	Employment (Respondent)	No Changes
6b	Non-Farm Enterprises	No Changes
6e	Agriculture	Changed Questions to capture sales; also added livestock production
7	Income Losses	<b>Dropped</b> Module
8	Food Security	No Changes
9	Concerns	No Changes
12	Interview Results	No changes

## 19.0 Round 13

### 19.1 Overview

Round 13 of the HFPS-COVID 19 was administered from the 03<sup>rd</sup> to 20<sup>th</sup> of February 2022. 12 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 19.2 Sample

Interviewers attempted to contact the 1696 households; some of these households have been interviewed across all rounds and others have not. As shown in Table 19.1, 1,447 households (85% of the 1,696 sample) were contacted and fully interviewed. About 10% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

Table 19.1: Result of Interview		
	OVERALL	
	# of households	% of overall sample
<b><i>Reached</i></b>		
Complete	1447	85.32
Partially Complete	2	0.12
Refused	4	0.24
Language barrier		
<b>Not Reached</b>		
Nobody answering	14	0.83
Number does not exist	44	2.59
Phone turned off	164	9.67
Wrong number (don't know the household)		



Reference person can't connect to household	21	1.24
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### 19.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The Round 13 weights can be found in the household-level data file (secta\_Cover\_Page\_p2r1). The variable name is wt\_p2round1.

### 19.3 Survey Instruments

The HFPS COVID-19 Round 13 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

**Household Questionnaire:** The Household Questionnaire provides information on demographics; access to health services; employment; income changes; uptake of COVID-19 vaccine.

The contents of questionnaire are outlined below.

**Table 19-3: HFPS COVID-19 Round 13 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
5	Access to Health Services	Access to medical services.
6a	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, changes in work hours for the

7	Income Changes	Household's sources of livelihood and their status since JANUARY 2022
9a	Vaccine Uptake	Knowledge of availability of vaccines, Concerns over getting the vaccine.
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 19.4 Description of Datasets

These modules were administered in the HFPS COVID-19 Round 13 survey.

- Household Roster
- Access to Health Services
- Employment
- Income Changes
- Vaccine

Table 19-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 19-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_p2r1
1	Interview Information and Phone Number Roster	sect1_Interview_Info_p2r1
2	Household Roster Update	sect2_Household_Roster_p2r1
5	Access to Health Services	sect5_HealthAccess*_p2r1
6	Employment (Respondent)	sect6a_Employment2__p2r1
6e	Income Changes	sect7_Income_Loss_p2r1
9	COVID-19 Vaccine uptake	sect9_Concerns_p2r1
12	Interview Results	sect12_Interview_Result_p2r1

## 20.0 Round 14

### 20.1 Overview

Round 14 of the HFPS-COVID 19 was administered from the 08<sup>th</sup> to 28<sup>th</sup> of May 2022. 12 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 20.2 Sample

Interviewers attempted to contact the 1692 households; some of these households have been interviewed across all rounds and others have not. 84% of the 1,692 sample were contacted and fully interviewed. About 14% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

#### 20.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The Round 14 weights can be found in the household-level data file (secta\_Cover\_Page\_p2r2). The variable name is wt\_p2round2.

### 20.3 Survey Instruments

The HFPS COVID-19 Round 14 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

***Household Questionnaire:*** The Household Questionnaire provides information on demographics; access to health services; employment; credit; Economic Sentiments.

The contents of questionnaire are outlined below.

**Table 20-3: HFPS COVID-19 Round 14 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to

2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if
5	Access to Health Services	Access to medical services.
6a	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, changes in work hours for the
6d	Credit	Household's debts status in the last 12 months; use of loan, ability to
8c	Economic Sentiments	Household economic situation, consumer prices, major household purchases and extreme weather shocks
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 20.4 Description of Datasets

These modules were administered in the HFPS COVID-19 Round 14 survey.

- Household Roster
- Access to Health Services
- Employment
- Credit
- Economic Sentiments

Table 20-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 20-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_p2r2
1	Interview Information and Phone Number Roster	sect1_Interview_Info_p2r2
2	Household Roster Update	sect2_Household_Roster_p2r2
5	Access to Health Services	sect5_HealthAccess*_p2r2
6	Employment (Respondent)	sect6a_Employment2__p2r2
6d	Credit	sect6d_Credit*_p2r2
8c	Economic Sentiments	sect8c_Sentiments_p2r2
12	Interview Results	sect12_Interview_Result_p2r2

## 21.0 Round 15

### 21.1 Overview

Round 15 of the HFPS-COVID 19 was administered from the 26<sup>th</sup> July to 31<sup>st</sup> of August 2022. 12 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 21.2 Sample

Interviewers attempted to contact the 1691 households; some of these households have been interviewed across all rounds and others have not. 80% of the 1,691 sample were contacted and fully interviewed. About 12% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

#### 21.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The Round 15 weights can be found in the household-level data file (secta\_Cover\_Page\_p2r3). The variable name is wt\_p2round3.

### 21.3 Survey Instruments

The HFPS COVID-19 Round 15 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

***Household Questionnaire:*** The Household Questionnaire provides information on demographics; access to health services; food prices; shocks and coping strategies; vaccination. The contents of questionnaire are outlined below.

**Table 21-3: HFPS COVID-19 Round 15 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if

5	Access to Health Services	Access to medical services.
9	COVID-19 Vaccine uptake	Knowledge of availability of vaccines, Concerns over getting the vaccine. Members vaccinated.
10	Shocks and Coping Strategies	Shocks Households have faced since the pandemic outbreak and ways households have dealt with those shocks.
11	Food Prices	Food prices current and 30 days ago.
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview



## 21.4 Description of Datasets

These modules were administered in the HFPS COVID-19 Round 15.

- Household Roster
- Access to Health Services
- Vaccines
- Food Prices
- Shocks and Coping Strategies
- Food Prices

Note: In Round 15 there were 2 variants of the health access module. The original module was fielded for 330 households while the rest of the households received the new and revised module. Additionally, the new health access module and vaccines modules were structured at main respondent and individual levels. The individual sections were only enabled IF the randomly selected individual was different from the main respondent.

Table 21-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 21-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_p2r3
1	Interview Information and Phone Number Roster	sect1_Interview_Info_p2r3
2	Household Roster Update	sect2_Household_Roster_p2r3
5	Access to Health Services	sect5_HealthAccess*_p2r3
9	Vaccines	sect9_Vaccination*_p2r3
10	Shocks and Coping Strategies	sect10_Coping_p2r3
11	Food Prices	sect11_FoodPrices_p2r3
12	Interview Results	sect12_Interview_Result_p2r3

## 22.0 Round 16

### 22.1 Overview

Round 16 of the HFPS-COVID 19 was administered from the 9<sup>th</sup> November to 20<sup>th</sup> of December 2022. 14 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 22.2 Sample

Interviewers attempted to contact the 1686 households; some of these households have been interviewed across all rounds and others have not. 80% of the 1,691 sample were contacted and fully interviewed. About 14% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

#### 22.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The Round 16 weights can be found in the household-level data file (secta\_Cover\_Page\_p2r4). The variable name is wt\_p2round4.

### 22.3 Survey Instruments

The HFPS COVID-19 Round 16 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

***Household Questionnaire:*** The Household Questionnaire provides information on demographics; access to health services; food prices; shocks and coping strategies; vaccination. The contents of questionnaire are outlined below.

**Table 22-3: HFPS COVID-19 Round 16 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to
2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if new, and

5	Access to Health Services	Access to medical services.
9	COVID-19 Vaccine uptake	Knowledge of availability of vaccines, Concerns over getting the vaccine. Members vaccinated. <i>(For households not that didn't receive the module in the previous round)</i>
6	Employment	Status and information of income-generating activities (wage work, family business and farming).
7	Income Loss	Household's sources of livelihood and their status since last call to the household.
8	Food Security	Household's food security status during the last 30 days
8c	Economic Sentiments	Household economic situation, consumer prices, major household purchases and extreme weather shocks
14	Fuels	Difficulty in purchasing different fuel products
10	Shocks and Coping Strategies	Shocks Households have faced.
11	Social Safety Nets	Type, value and source of assistances that household received from social safety net programs since March 2022.
11b	Commodity Prices	Commodity prices current and 30 days ago.
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 22.4 Description of Datasets

These modules were administered in the HFPS COVID-19 Round 16 survey.

- Household Roster
- Access to Health Services
- Vaccines – For households that did not receive this module in round 15.
- Employment
- Income changes
- Food Security
- Economic Sentiments
- Fuels
- Shocks and Coping Strategies
- Social Safety Nets
- Commodity prices

Table 22-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 22-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_p2r4
1	Interview Information and Phone Number Roster	sect1_Interview_Info_p2r4
2	Household Roster Update	sect2_Household_Roster_p2r4
5	Access to Health Services	sect5_HealthAccess*_p2r4
9	Vaccines	sect9_Vaccination*_p2r4
6	Employment	sect6_Employment_p2r4
7	Income Changes	sect7_Income_Changes_p2r4
8	Food Security	sect8_food_security
8c	Economic Sentiments	sect8c_Sentiments_p2r4
14	Fuels	sect14_fuels_p2r4
10	Shocks and Coping Strategies	sect10_Coping_p2r4
11	Social Safety Nets	sect11_Safety_Nets_p2r4
11b	Commodity Prices	sect11b_Prices_p2r4
12	Interview Results	sect12_Interview_Result_p2r4

## 23.0 Round 17

### 23.1 Overview

Round 17 of the HFPS-COVID 19 was administered from the 22<sup>nd</sup> February to 31<sup>st</sup> of March 2023. 15 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 23.2 Sample

Interviewers attempted to contact the 1674 households; some of these households have been interviewed across all rounds and others have not. 78% of the 1,674 sample were contacted and fully interviewed. About 16% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

#### 23.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The Round 17 weights can be found in the household-level data file (secta\_Cover\_Page\_p2r5). The variable name is wt\_p2round5.

### 23.3 Survey Instruments

The HFPS Round 17 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

***Household Questionnaire:*** The Household Questionnaire provides information on demographics; access to health services; employment; economic sentiments; Survey of Well-being via Instant and Frequent Tracking; commodity prices; agriculture and vaccination.

The contents of questionnaire are outlined below.

**Table 23-3: HFPS COVID-19 Round 17 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to

2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if new, and
5	Access to Health Services	Access to medical services.
6	Employment	Status and information of income-generating activities (wage work, <del>family business and farming</del> )
8c	Economic Sentiments	Household economic situation, consumer prices, major household purchases and extreme weather shocks
9	COVID-19 Vaccine uptake	Social Desirability Experimentation
11	Commodity Prices	Food, Fuel and Transport prices
13	Agriculture	Cropping activities, fertilizer use 2022
14	SWIFT	Survey of Well-being via Instant and Frequent Tracking
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 23.4 Description of Datasets

These modules were administered in the HFPS COVID-19 Round 17 survey.

- Household Roster
- Access to Health Services
- Employment
- Economic Sentiments
- Vaccines
- Food, Fuel and Transport prices
- Survey of Well-being via Instant and Frequent Tracking
- Agriculture

Table 23-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 23-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_p2r5
1	Interview Information and Phone Number Roster	sect1_Interview_Info_p2r5
2	Household Roster Update	sect2_Household_Roster_p2r5
5	Access to Health Services	sect5_HealthAccess*_p2r5
6	Employment	sect6_Employment_p2r5
8c	Economic Sentiments	sect8c_Sentiments_p2r5
9	Vaccines	sect9_VaccinationMainResp_p2r5
11	Food Prices	sect11_FoodPrices_p2r5
11	Transport Prices	sect11_TransportPrices_p2r5
11	Fuel Prices	sect11_FuelPrices_p2r5
13	Agriculture	sect13_Agriculture_p2r5
14	Survey of Well-being via Instant and Frequent Tracking	sect14_Swift_p2r5
11b	Commodity Prices	sect11b_Prices_p2r5
12	Interview Results	sect12_Interview_Result_p2r5

The datasets for rounds 13 – 17 were renamed for consistency purposes. See table 23-5 for details.

**Table 23-5: Renamed Datasets**

Old Name	New Name
sect1_interview_info_p2r1.dta	sect1_interview_info_r13.dta
sect2_household_roster_p2r1.dta	sect2_household_roster_r13.dta
sect5_heatlhaccess1_p2r1.dta	sect5_heatlhaccess1_r13.dta
sect5_heatlhaccess2_p2r1.dta	sect5_heatlhaccess2_r13.dta
sect6a_employment2__p2r1.dta	sect6a_employment2_r13.dta
sect7_income_loss_p2r1.dta	sect7_income_loss_r13.dta
sect9_concerns_p2r1.dta	sect9_concerns_r13.dta
secta_cover_page_p2r1.dta	secta_cover_page_r13.dta
sect1_interview_info_p2r2.dta	sect1_interview_info_r14.dta
sect2_household_roster_p2r2.dta	sect2_household_roster_r14.dta
sect5_heatlhaccess1_p2r2.dta	sect5_heatlhaccess1_r14.dta
sect5_heatlhaccess2_p2r2.dta	sect5_heatlhaccess2_r14.dta
sect6a_employment2_p2r2.dta	sect6a_employment2_r14.dta
sect6d_credit1_p2r2.dta	sect6d_credit1_r14.dta
sect6d_credit2_p2r2.dta	sect6d_credit2_r14.dta
sect8c_sentiments_p2r2.dta	sect8c_sentiments_r14.dta
secta_cover_page_p2r2.dta	secta_cover_page_r14.dta
sect10_coping_p2r3.dta	sect10_coping_r15.dta
sect11_foodprices_p2r3.dta	sect11_foodprices_r15.dta
sect1_interview_info_p2r3.dta	sect1_interview_info_r15.dta
sect2_household_roster_p2r3.dta	sect2_household_roster_r15.dta
sect5f_healthaccess1_p2r3.dta	sect5f_healthaccess1_r15.dta
sect5f_healthaccess2_p2r3.dta	sect5f_healthaccess2_r15.dta
sect5g_healthaccessnew1_p2r3.dta	sect5g_healthaccessnew1_r15.dta
sect5g_healthaccessnew2_p2r3.dta	sect5g_healthaccessnew2_r15.dta
sect5h_healthaccessnew_indiv1_p2r3.dta	sect5h_healthaccessnew_indiv1_r15.dta



sect5h_healthaccessnew_indiv2_p2r3.dta	sect5h_healthaccessnew_indiv2_r15.dta
sect9_vaccinationindiv_p2r3.dta	sect9_vaccinationindiv_r15.dta
sect9_vaccinationmainresp_a_p2r3.dta	sect9_vaccinationmainresp_a_r15.dta
sect9_vaccinationmainresp_b_p2r3.dta	sect9_vaccinationmainresp_b_r15.dta
secta_cover_page_p2r3.dta	secta_cover_page_r15.dta
sect10_coping_p2r4.dta	sect10_coping_r16.dta
sect11_safety_nets_p2r4.dta	sect11_safety_nets_r16.dta
sect11b_prices_p2r4.dta	sect11b_prices_r16.dta
sect14_fuels_p2r4.dta	sect14_fuels_r16.dta
sect1_interview_info_p2r4.dta	sect1_interview_info_r16.dta
sect2_household_roster_p2r4.dta	sect2_household_roster_r16.dta
sect5_healthaccessnew1_p2r4.dta	sect5_healthaccessnew1_r16.dta
sect5_healthaccessnew2_p2r4.dta	sect5_healthaccessnew2_r16.dta
sect6_employment_p2r4.dta	sect6_employment_r16.dta
sect8_food_security_p2r4.dta	sect8_food_security_r16.dta
sect8c_sentiments_p2r4.dta	sect8c_sentiments_r16.dta
sect9_vaccinationmainresp_a_p2r4.dta	sect9_vaccinationmainresp_a_r16.dta
sect9_vaccinationmainresp_b_p2r4.dta	sect9_vaccinationmainresp_b_r16.dta
secta_cover_page_p2r4.dta	secta_cover_page_r16.dta
sect11_foodprices_p2r5.dta	sect11_foodprices_r17.dta
sect11_fuelprices_p2r5.dta	sect11_fuelprices_r17.dta
sect11_transportprices_p2r5.dta	sect11_transportprices_r17.dta
sect12_interview_result_p2r5.dta	sect12_interview_result_r17.dta
sect13_agriculture_p2r5.dta	sect13_agriculture_r17.dta
sect14_swift_p2r5.dta	sect14_swift_r17.dta
sect1_interview_info_p2r5.dta	sect1_interview_info_r17.dta
sect2_household_roster_p2r5.dta	sect2_household_roster_r17.dta
sect5_healthaccessnew1_p2r5.dta	sect5_healthaccessnew1_r17.dta
sect5_healthaccessnew2_p2r5.dta	sect5_healthaccessnew2_r17.dta
sect6_employment_p2r5.dta	sect6_employment_r17.dta

sect8c_sentiments_p2r5.dta	sect8c_sentiments_r17.dta
sect9_vaccinationmainresp_p2r5.dta	sect9_vaccinationmainresp_r17.dta
secta_cover_page_p2r5.dta	secta_cover_page_r17.dta

## 24.0 Round 18

### 24.1 Overview

Round 18 of the HFPS-COVID 19 was administered from the 27<sup>th</sup> May to 27<sup>th</sup> of June 2023. 15 enumerators made the phone calls from the NSO premises with social distancing and sanitization protocols in place. Most interviews were conducted from the call center, some interviews that required call backs were conducted from the enumerators' homes.

### 24.2 Sample

Interviewers attempted to contact the 1667 households; some of these households have been interviewed across all rounds and others have not. 80% of the 1667 sample were contacted and fully interviewed. About 15% of the households could not be contacted because mostly the phones were not on during the 9 attempts that were made to contact these households.

#### 24.2.1 Weights

The weights were adjusted following the same procedures outlined in section 3.2. The Round 18 weights can be found in the household-level data file (secta\_Cover\_Page\_r18). The variable name is wt\_round18.

### 24.3 Survey Instruments

The HFPS COVID-19 Round 18 consists of one questionnaire. The *Household Questionnaire* was administered to all households in the sample.

***Household Questionnaire:*** The Household Questionnaire provides information on demographics; access to health services; employment; economic sentiments; Survey of Well-being via Instant and Frequent Tracking; commodity prices; agriculture and vaccination.

The contents of questionnaire are outlined below.

**Table 24-3: HFPS COVID-19 Round 18 Questionnaire**

Section	Topic	Description
Cover	Cover	Household identifiers and enumerator identifiers
1	Interview Information and Phone Number Roster	Roster of call attempts, result and respondent of call attempt, interview consent, date and time of call back, roster of phone numbers, the information of the person that the listed phone number belongs to

2	Household Roster Update	Roster of members of the household, relationship to the household head, gender, age, marital status, reason for joining the household if new, and
5	Access to Health Services	Access to medical services.
4b	Mental Health	This section is made of 8 different statements about the respondent's feelings in the last 2 weeks.
6	Employment	Status and information of income-generating activities (wage work, family business and farming).
8	Food Security	Household's food security status during the last 30 days
10	Shocks and Coping Strategies	Shocks Households have faced.
13	Agriculture	Cropping activities, fertilizer use 2022
12	Interview Results	Result of interview including observation notes by enumerator regarding the interview, respondent and language of interview

## 24.4 Description of Datasets

These modules were administered in the HFPS COVID-19 Round 18 survey.

- Household Roster
- Access to Health Services
- Mental Health
- Employment
- Food Security
- Shocks and Coping Strategies
- Agriculture

Table 24-4 shows the sections of the Questionnaire and their corresponding datasets.

**Table 24-4: Datasets**

Section	Section Name	Dataset Filename
Cover	Cover	secta_Cover_Page_r18
1	Interview Information and Phone Number Roster	sect1_Interview_Info_r18
2	Household Roster Update	sect2_Household_Roster_r18
5	Access to Health Services	sect5_HealthAccess*_r18
4b	Mental Health	sect4b_patienthealth_r18
6	Employment	sect6_Employment_r18
8	Food Security	sect8_food_security_r18
10	Shocks and Coping Strategies	sect10_Coping_r18
13	Agriculture	sect13_Agriculture_r18
12	Interview Results	sect12_Interview_Result_18

