



MIGNEX Handbook Chapter 10

Documentation of survey data

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MIGNEX

MIGNEX (Aligning Migration Management and the Migration-Development Nexus) is a five-year research project (2018–2023) with the core ambition of creating new knowledge on migration, development and policy. It is carried out by a consortium of nine partners in Europe, Africa and Asia: the Peace Research Institute Oslo (coordinator), Danube University Krems, University of Ghana, Koç University, Lahore University of Management Sciences, Maastricht University, the Overseas Development Institute, the University of Oxford and Samuel Hall.

See www.mignex.org.



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The MIGNEX Handbook

The MIGNEX Handbook grows chapter by chapter over the lifetime of the project. It is primarily as a tool for internal information-sharing and quality assurance. The text refers to 'we' as the team members and 'you' as an individual team member reader. The handbook is public in order to ensure transparency and facilitate knowledge exchange also on issues such as project management, methodology and communication.

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2	24 January 2023	Revised version with further information on generated, additional variables, small adjustments to the sampling weights and further minor additions throughout. Expanded Annex 3.
3	12 July 2024	Extensive additions and reorganization of the sections devoted to analysis

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10. Documentation of survey data

This chapter documents the survey data collection process, including experiences in the field that inform interpretation of the data. It recounts survey execution and challenges and shows response rates. It also describes how the data was cleaned and prepared for use for analysis, as well as the preparation of other important variables like weights.

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The MIGNEX survey was overwhelmingly executed as planned, despite the challenges related to the Covid-19 pandemic and insecurity in some of the contexts.

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The information included here ensures transparency of survey implementation, data cleaning and preparation.

—

We also document the steps taken to ensure representativeness of the MIGNEX sample at the research area level, weight calculations and potential sampling bias.

10.1 Introduction

This handbook chapter outlines all procedures for documenting MIGNEX survey data. This includes conventions for naming and labelling variables, and naming and storing datasets and related files. The construction of survey weights and composite variables are explained and justified. The execution of the survey is described, with details of response rates and an explanation of any common issues that arose during data collection, including how these were handled. The data cleaning process from raw data to the final datasets for analysis and eventual open-access publication is explained. It also describes the MIGNEX dataset, including a list of variables (see Annex 3).

The chapter is important for the transparency of the survey data collection process, ensuring principles of research ethics are adhered to in data management, and will also support

interpretation of survey data at the analysis stage, and for others who wish to use the data in the future.

This chapter starts with a discussion on research ethics and integrity, our approach to data security and how MIGNEX data is stored and accessed is described.

Next, we move on to the survey instrument, first detailing all tailoring and adaptations to the survey instrument and programming the Computer Assisted Personal Interviewing (CAPI) software. We then give an overview of the execution of the survey in each country, including details on sampling and common challenges – and how these were handled in the field.

The final sections focus on data handling after the completion of data collection. It gives an overview of data management principles and then details each dataset stage and transition from importing data to data cleaning, de-identification, preparing, merging, analysis, as well as variable naming and labelling conventions. We then continue with a section outlining processes for the construction of composite variables, and the calculation of both household and individual weights. Finally, we discuss anonymisation of the data and publishing. There is also an Excel codebook and an additional variable list for the final dataset (Annex 3).

10.2 Research ethics and research integrity

Following the MIGNEX Handbook Chapter 4 on research ethics and research integrity, we define **research ethics** as ‘doing research with responsibility, particularly towards participants, colleagues, employers, funders and society,’ and **research integrity** as ‘doing research in ways that underpin confidence in the results, the researchers and the research community’ (Carling, 2019). Both concepts shaped the way in which we designed the survey data collection (see MIGNEX Handbook Chapter 7 on survey data collection) and similarly shape our approach to documenting MIGNEX survey data, as outlined in this chapter. For instance, clear conventions on variable naming and labelling ensure that we have confidence in the reliability of survey data (see 10.9.5). Similarly, clearly outlining how we construct variables (see 10.11), weights (10.10), and clean data (10.9.2) contributes towards research integrity. Transparently documenting how the survey data collection was executed, including identifying any issues and how these were handled during data collection is important for confidence in interpreting data and communicating findings (see 10.6). Meanwhile, a clear process for managing data, including data storage, ensures that we are confident in our data and are responsible towards participants and funders (see 10.3).

Responsibility for research ethics and integrity lies with all institutions and team members involved in the survey data collection, including the central team (ODI), country coordinators, survey leads, and supervisors and enumerators. Responsibilities during data collection are outlined in further detail in MHC7 (Hagen-Zanker et al., 2020). Country coordinators, data managers and fieldwork supervisors have a particularly central role to ensure research ethics and integrity are upheld, for instance ensuring that tablets with surveys on them have a passcode on them and cannot be accessed by anyone else, or by destroying records of visits with personal data contact details once data collection has been completed. Once data collection is complete, much of the responsibility centred on the central team at ODI, who cleaned and prepared the data for use within the wider consortium. Their ethical responsibilities here revolve around ensuring strong data security and access, and thorough de-identification of personal data.

10.2.1 Personal data

A key research ethics and research integrity aspect to consider is the handling of personal data. The survey collects information relating to the individual or household. We thus have a responsibility to the respondents to take strong measures in protecting their personal data.

There are several types of personal data:

- Directly identifying information – e.g. names, contact details or pictures
- Data with the possibility of indirect identification – information that could indirectly identify participants - e.g. the recording of a focus group participant's voice
- Information relating to the individual
- Special categories of personal data

The main survey **will not collect directly identifying data**. Survey respondents are allocated an anonymous participant ID, comprised as follows: [Research area ID]-[DDHHMMSS], e.g. GHA1-14093722. However, the name of the respondent, their address and phone numbers will be noted on a separate paper form titled Record of Visits. This allows for follow-up visits and quality checks during data collection. The Record of Visits are destroyed once fieldwork in the research area is completed.

In terms of **indirectly identifying data**, the survey will collect the GPS coordinates of the respondents' dwelling, to be used for data quality purposes and to check that the sampling strategy has been followed. GPS coordinates will be removed from the final dataset for analysis. Indirect identification may be possible from other data collected in the survey, through a unique or unusual combination of variables. For instance, combining responses to gender, work situation, and mother tongue questions could indirectly identify a respondent, if an Arabic-speaking woman working on her own account or running a business is rare in a particular research area. Acknowledging that indirect identification may be possible, data is carefully stored with limited access (see 10.3). In the publicly available dataset, which will be published with open access at the end of the project, responses which could indirectly identify respondents will be recoded into broader categories.

The risk of indirectly identifying data will also be minimised in analysis. Analysis will never focus on the individual and will rather always be aggregated at some level. Unique or unusual responses will not be reported in a way that would identify respondents.

The survey also collects information that fall under '**special categories of personal data**,' including information or views on issues that may be sensitive, e.g. questions on religion, household income sources or perceptions of government. This means we must take particular care in data protection, see section 10.3.

10.2.2 Ethical issues during survey execution and incidental findings

The survey execution faced a number of different challenges, discussed in detail in section 10.6.2. All of course involved an ethical dimension, where team members weighed up various trade-offs revolving around the value of data collected, compared to the challenge faced. This trade-off was particularly tough for two challenges.

Firstly, the survey took place in the midst of a pandemic, in countries where the majority of the population was still unvaccinated (in Cabo Verde, Tunisia, Turkey and Pakistan a just over half of the population has been vaccinated by September 2022). Critical decisions had to be made about the timing of data collection and precautionary measures. For all countries we had extensive protection measures, including testing of team members before traveling to research

areas, putting a hold to the data collection and further testing if a team member exhibited symptoms (see section 10.7.1) and the wearing of masks and offering a mask to the respondent. Interviews were done outside, wherever possible. For only two countries was data collection deemed safe in the autumn of 2020 (Cape Verde and Ghana), before vaccinations were available, as they had survey teams that could be trained without travel of a MIGNEX member from abroad and as there were no Covid-19 spikes at the time. The remaining data collection took place once vaccinations had commenced, which allowed us to collect data even during some of the periods of higher rates of infection. However, at times this made the data collection quite challenging, and with hindsight it would have been better to push the fieldwork to a later date in some countries (e.g. Tunisia, see section 10.6.1). In other countries we did wait longer, e.g. Pakistan, which then had the consequence that the MIGNEX data collection is stretched out over a long time period (October 2020-February 2022), which could affect the value of the data. In this sense, the MIGNEX survey is not a true cross-section, because the data was collected in different countries at different times

The second major ethical challenge revolved around difficult security situations in some of the countries. In some cases, it was easier to decide how to proceed regarding more isolated incidents. For instance, as part of the field test during the training in Baidoa, Somalia, a group of enumerators were caught in a crossfire between the police and members of Al Shabab. No one was hurt and as Baidoa has become a lot safer in recent years, the country leads decided to go ahead with data collection. Data collection in Afghanistan took place in July-August 2021, during the Taliban takeover. This affected the data collection in many ways, from reluctance of respondents to participate, to ensuring physical safety of the team (see section 10.6.1). There were difficult decisions to make on a daily basis about whether to continue, and some adjustments that had to be made (e.g. sampling new clusters in some instances) but in the end the team was able to continue until data collection was complete. This means that we were able to collect a highly valuable dataset. In Ethiopia conflicts and fighting did put data collection to a halt in several instances (see section 10.6.1). In Kombolcha, restarting would have put the data collection team at risk. When the situation did not improve after several months, the country coordinator and central team decided to stop data collection, resulting in a smaller sample for that research area.

No incidental findings were discovered during the fieldwork.

10.3 Data security and access

As outlined in MIGNEX Handbook Chapter 3 on data management, data security concerns the mitigation of two key risks: 1) unauthorised data access, and 2) data corruption or loss (Carling et al., 2020).

Several steps are taken to avoid the risks of **unauthorised data access**. Once each data collection team – including the enumerators, supervisors, data managers, survey leads and country coordinators – has completed data collection, they will no longer have access to the country datasets. This is the case for both sub-contracted data collection teams as well as teams from within the MIGNEX consortium. Once surveys are uploaded from CAPI devices (smartphones/tablets) to the server, they are automatically deleted from the device. The data manager, who is the only team member with access to the server data during data collection, will have their access to the SurveyCTO platform revoked on completion of data collection.

During data cleaning, only the central team at ODI will have access to datasets, which are securely stored. Once data is cleaned and ready for analysis (the prepared dataset, see section

10.8.2), with personal data removed, all MIGNEX team members will have access to the datasets. Data storage and access are detailed below.

Data corruption or loss can occur from human error, or issues relating to software or hardware, e.g. CAPI device malfunctions or theft. This risk was mitigated by careful data collection practices, and data management processes, detailed below.

Data security measures were successfully employed during the course of data collection, with no instances of unauthorised data access or data corruption and loss.

Table 1. Strategic objective for mitigating data security risks

	Unauthorised data access	Data corruption or loss
Minimising the likelihood	<ul style="list-style-type: none"> Minimizing the use of unprotected storage devices (D) Protecting storage devices against theft or loss (D) Granting and revoking access according to need (C) Deleting/destroying data copies after use (D) 	<ul style="list-style-type: none"> Protecting storage devices against theft or loss (D) Granting reading rights rather than editing rights when possible (C) Following systematic procedures for managing and naming files (C, D)
Minimising the consequences	<ul style="list-style-type: none"> Minimizing the storage of personally identifiable data (C, D) 	<ul style="list-style-type: none"> Ensuring that data is backed up frequently and reliably (C, D)

Note: C and D indicate relevance for central and dispersed storage, respectively.
Source: Carling et al., (2020)

10.3.1 Data storage and access

Table 2 outlines the entire workflow of survey data at each stage of the project (Hagen-Zanker et al., 2020).

Table 2. Workflow of data handling and processing

	Where and how data is stored	Who handles data
<i>During fieldwork</i>		
Data collection in the field	Completed interviews are stored during the day on tablets. Enumerators are responsible for looking after tablets. Enumerators will collect respondent contact details on a paper Record of visits form.	Enumerators
Data uploaded to server	Each night, supervisors collect tablets from enumerators to check and upload completed interviews to the server. Data is encrypted as it is uploaded to the server, and once uploaded interviews are automatically deleted from the tablets. Supervisors will also collect the paper Record of visits forms from enumerators nightly and store them securely.	Supervisors
Data monitored on SurveyCTO server	Data uploaded to the EU-based SurveyCTO server is stored there in order for data managers to run data monitoring and quality checks.	Data managers, ODI team
<i>After fieldwork</i>		
Destroying of Record of visits	Supervisors will destroy the paper Record of visits forms, which include the contact details of respondents.	Supervisors
Data cleaning	Raw data is exported in .csv format and saved to a limited access MIGNEX OneDrive folder, accessible only to the ODI central team and PRIO. The ODI team will export the .csv files to .dta format and then use Stata to clean data and remove personal identifying information from the data set (i.e. GPS location). Once the raw data for a country has been exported to the OneDrive, it will be deleted from the SurveyCTO server.	ODI team and PRIO
Data analysis	After data cleaning, ODI will transfer the final data sets in .dta format to the MIGNEX OneDrive Collaboration folder for analysis by the MIGNEX team. There will be ten country-level final data sets.	MIGNEX team members from WP6, WP7, WP8, WP9 and the ODI team
Publishing data	Anonymised data (i.e. data where blurring/masking has been applied to preclude identification)	Publicly available

Source: Hagen-Zanker et al. (2020)

Once data is collected, there are two locations in which MIGNEX survey data will be stored, both on the MIGNEX OneDrive:

1. WP3 data processing folder – all dataset versions, including raw and pilot data, and related files, including cleaning do files. Only the central team at ODI have access to this folder.
2. MIGNEX data folder – cleaned, deidentified datasets, ready for analysis. All MIGNEX team members have access to this folder.

WP3 data processing folder

The WP3 data processing folder (*PRIO\MIGNEX - WP3-data-processing*) can only be accessed by the central team at ODI. It contains four subfolders:

- *Preparation of data* with 10 country folders and one ‘All countries’ folder, each containing raw datasets in .csv and .dta, cleaning .do files, cleaned and deidentified .dta country datasets. The ‘All countries’ folder additionally contains merged datasets with data from two or more countries.

- *Pilot data* with 3 pilot country (AFG, CPV, GHA) folders, each containing raw datasets in .csv and .dta, cleaning .do files, cleaned .dta pilot country datasets.
- *Basic analysis* with descriptive statistics .do files and output in .xls.

MIGNEX data folder

A subfolder within the MIGNEX data folder will be dedicated to survey data. All team members will have viewing rights (the majority), and designated individuals will have editing rights.

10.4 Tailoring and adaptations of the survey instrument

10.4.1 Tailoring of survey instrument

In the MIGNEX survey, a key principle is that of comparability across the ten countries. As a result, insofar as possible, we limited elements that were tailored to specific country contexts, see Hagen-Zanker et al., 2020¹. That being said, tailoring of certain questions was necessary. Tailoring of the survey instrument included both survey items and / or response options which were tailored in *every* country level survey instrument, and items/ options which were only tailored in certain *particular* country level survey instrument. The items/ options which were tailored in **every context** were:

1. Countries (response option, and order of dropdown list)
2. Religion (response option)
3. Mother tongue languages (response options)
4. Types of informal health providers (response options)
5. Most recent elections (response options)
6. Secondary school ages (survey item)
7. Name of local/ central governments (survey item)
8. Names of social protection schemes (survey item)²

Table 3 gives examples of items/ options which were tailored in only **particular country contexts**.

¹ The generic survey instrument can be found in Annex 1 of the *Survey data collection Handbook* Chapter.

² During data cleaning we realised that for Ethiopia the social protection programmes were all community/ informal social protection programmes, instead of government social protection programmes. This was because of miscommunication between the central team and country coordinators, and could not be corrected for anymore at this stage.

Table 3. Examples of additional, country-specific tailoring of survey items

Country/ies	Survey item / response option and change	Justification
AFG/TUN/PAK	Marital status question tweaked to remove direct reference to cohabiting	Asking about cohabiting inappropriate
TUR	Social protection Added filtering question about whether participant in TUR2 is Syrian, followed by question about Turkish citizenship, to filter which social protection schemes are asked about.	Syrian respondents in TUR2, Turkish respondents and Syrian respondents with Turkish citizenship are eligible to different schemes
PAK	Secondary school enrolment Added follow up question about enrolment in primary school	Often 'official' secondary school aged children attend primary school
TUR	Toilet Response option 'squatting toilet' added	Toilet common in Turkey
ETH	Elections for Moyale	Somali residents of Moyale have not yet voted in the 2021 elections, so in Moyale, a follow up question was added about the 2016 election, if the respondent stated they were not eligible to vote in the 2021 election.
PAK/AFG/TUN	Religiosity question Response option added for praying every day and/or several times a day	Common for male Muslim respondents to attend mosque five times a day

On the whole, the survey was still highly comparable, with more than 95% of survey items directly comparable both in terms of wording of the survey item and response options. Annex 2 lists the country specific survey instruments.

10.4.2 Survey instrument adaptations during data collection

After piloting the survey instrument in January/February 2020, we made several alterations to the survey instrument to improve the flow of the interview for respondents and enumerators, to improve the measurement of certain concepts, and to include additional questions to capture the impact of the Covid-19 pandemic in the survey (see Handbook Chapter 7 for discussion and details of changes made as a result of the pilot). We additionally made a handful of small changes *during* the main data collection – learning from the experiences of data collection teams in the first two countries (Cabo Verde and Ghana). These changes included:

- Added 'Day labourer/casual worker' as a response option to question B2 on main livelihood activity.
- After the Ghana survey, we decided to change J13 (perception of corruption as problem in research area) from a categorical variable with four responses (Not at all a problem; Not much of a problem; A slight problem; A serious problem) to a categorical variable with three options (Not at all a problem; A small problem; A serious problem). During data cleaning, the second and third response options in the Ghana dataset were combined into one category.
- While cleaning the Ghana data, a mistake in the skip logic for survey item D13 was discovered by the ODI team, which resulted in missing data for one survey item for around 80% of respondents. This error was corrected for the remaining eight surveys. The Ghana survey team was able to return to the field and collect the missing data.

10.4.3 Annotated codebook

Annex 3 contains the variable list for the survey data. This gives a brief description of each variable included in the survey, while the Excel codebook gives a more detailed overview of all variables, including all response options. Alongside the country specific survey instruments in Annex 2, it can be used to get an overview of tailoring and adaptations for each survey item.

- ▶ *Excel codebook to be included with version 2*

10.5 Programming CAPI

MIGNEX survey data was collected electronically via Computer Assisted Personal Interviewing (CAPI). Surveys were conducted with SurveyCTO data collection software on tablets or smartphones in the field. The programming of the SurveyCTO software – in other words, converting the paper survey instrument into an electronic version – is an essential step. Errors in programming could lead to frustrated enumerators and respondents, and harm data quality, for instance errors in skip logic could cause missing data altogether. Programming has many benefits for data quality, such as the ability to switch between languages and in-built data quality features such as constraints to avoid impossible values, and time stamps to highlight possible fraudulent surveys (see Hagen-Zanker et al., 2021 for more information on this).

The survey instrument is partially tailored to each country context (see Annex 2). As a result, there are ten survey forms to programme. MIGNEX survey forms are programmed in Excel (XLSform) and uploaded to the SurveyCTO platform. Once on the platform, survey forms can be downloaded through the SurveyCTO Collect App by field teams, initially for testing and then data collection.

10.5.1 Naming XLSform survey forms

There is a master version of the MIGNEX survey programmed in XLSform format, from which each country version is created. Each of these can be located in the relevant country folders on the MIGNEX OneDrive: \PRIO\MIGNEX - WP03-collab\Survey-programming\XLS forms-main.

XLSforms are named as follows:

XLSform-[main or pilot]-[country]-[date]
e.g. XLSform-main-GHA-2020-09-09.xlsx
e.g. XLSform-main-CPV-2020-11-03.xlsx

10.5.2 Meta data

Several types of meta data were incorporated into the CAPI for data collection, see MHC7. This metadata was used during the quality assurance process. This includes information on:

- Duration of every survey module, and total duration of interview
- Time spent on each survey item (text audit)
- Percentage of don't know and refuse to answer responses
- GPS coordinates
- Device ID
- Review quality, corrections and comments– interview submissions which are back-checked or corrected can be marked within SurveyCTO as poor, OK, or good quality. Any corrections made and corresponding explanatory comments are also included as meta data.

10.5.3 CAPI adaptations during data collection

Throughout data collection, small tweaks and improvements to the CAPI were identified, and included in subsequent versions of the CAPI survey forms. These included:

- Additional hard constraint to prevent impossible situation that number of children aged 12-17 are larger than the total number 0–17-year-olds given earlier in the survey.
- Additional hard constraints to prevent impossible situation of total target population being zero, as the respondent is aged 18-39 years old.
- An error was spotted in the CAPI with the skip logic for question F6 after the Ghana survey was completed, meaning that there were around 150 missing observations. Luckily the data collection team were able to contact all respondents and retrieve the missing responses.
- An error was spotted in the CAPI with the skip logic for question D13 (impact of Covid-19 on household income), after the first two surveys were completed (Cabo Verde and Ghana). Around 80% of the observations for this variable in the Cabo Verde and Ghana datasets are missing because of the error. Potentially, these can be imputed in later analyses. On recognising the mistake, this was corrected for in the later eight surveys.
- Several additional enumerator instructions were added on a country-by-country basis, when country teams felt that additional instructions for certain concepts could be useful.

10.6 Execution of the survey

The following section details how the survey data collection was executed, drawing upon Survey Execution reports, post-fieldwork follow up calls between the central team at ODI and data collection teams, as well as descriptive statistics and meta data from the survey.

The survey had different institutions involved in each country, each with different roles and responsibility (see also MHC7, Hagen-Zanker et al., 2020). The central team at ODI had overall responsibility for the implementation of the survey, providing inputs needed for the survey, training and supporting teams throughout the fieldwork. Country coordinators were responsible for the data collection in the country they coordinated. In some cases, they directly delivered the survey, in other cases they oversaw the work of a survey sub-contractor. Survey leads were in charge of delivering the survey, from logistics to quality control. Annex 1 has an overview of the survey team in each country.

10.6.1 Information on data collection by country

Survey data collection took place between October 2020 and February 2022. Table 4 gives an overview of the survey data collection (see also Annex 1 for an overview of team members involved in each country), while the rest of the section gives a brief discussion of data collection for each country.

On completion of data collection, all survey teams completed an internal Survey Execution Report (SER), including details of all aspects of the data collection, as well as a video call ‘Survey Debrief’ with the central team at ODI. The SER and Debrief were important as it ensured that the central team at ODI knew everything necessary for data cleaning and interpretation of the data. Particular challenges with sampling and the survey instrument were also discussed. The SERs were also used to complete this Handbook Chapter.

Table 4. Overview of survey data collection

Country	Start and end date	Survey lead	Research areas (number of enumerators)	Total sample	Mean duration ¹	Interview languages
Afghanistan	30 Jun 2021 6 Aug 2021	Samuel Hall	Shahrake Jabrael (16) Behsud (10) Shahrake Mahdia (14)	1,633	45 mins	Dari Pashto
Cabo Verde	20 Nov 2020 13 Dec 2020	PD Consult and MGF Research	Sao Nicolau (12) Boa Vista (12)	1,019	35 mins	Kriolu French
Ethiopia	23 Jul 2021 3 Aug 2021	Samuel Hall	Kombolcha (15) Batu (12) Moyale (12)	1,266	38 mins	Amharic Oromipha
Ghana	12 Oct 2020 11 Nov 2020	University of Ghana	Gbane (8) Golf City (9) New Takoradi (8)	1,528	44 mins	Talen Twi Ga-Adangme English
Guinea	1 Jul 2021 30 Jul 2021	PD Consult and West African Field Services	Boffa (5) Dialakoro (5)	1,012	44 mins	Sousso Malinke Poular French
Nigeria	26 Jul 2021 7 Aug 2021	NOIPolls	Down Quarters (10) Awe (10) Ekpoma (10)	1,508	28 mins	English Pidgin English Hausa
Pakistan	7 Nov 2021 6 Feb 2022	Gallup Pakistan	Chot Dheeran (7) Youhanabad (10) Keti Bandar (7)	1,528	21 mins	Urdu Punjabi Sindhi
Somalia	14 Jun 2021 24 Jul 2021	Samuel Hall	Erigavo (10) Baidoa (10)	1,028	25 mins	Maxaatiri Somali Maay
Tunisia	11 Jun 2021 5 Jul 2021	One to One Research and Polling	Enfidha (8) Redeyef (8)	1,027	25 mins	Tunisian Arabic
Turkey	3 Jul 2021 31 Aug 2021	Frekans Research	Hopa (12) Yenice (6) Kilis (12)	1,625	23 mins	Turkish Syrian Arabic

Notes: (1) Calculated from beginning of survey module A to end of survey module N.

Afghanistan

Data collection took place in Afghanistan between June and August 2021 (28 July-6 August in Shahrake Jabrael; 30 June- 18 July in Behsud; 7-25 July in Shahrake Mahdia). The survey was conducted largely in Dari in Shahrake Mahdia and Shahrake Jabrael, and in Pashto in Behsud. The survey was completed by three separate enumerator teams – one for each area – and there were three separate enumerator trainings. Samuel Hall led data collection.

A critical challenge to the data collection team was navigating an extreme security situation. The team closely monitored and adapted to the security situation. It was necessary to change two research areas as a result, shortly before data collection took place.

In Shahrake Jabrael (a district of Herat), the team encountered many problems due to the volatile security situation elsewhere in the city. For instance, the team experienced that people were hesitant to participate. Questions relating to the number of household members was very sensitive, especially regarding young women, due to concerns that the Taliban wanted this information. Relatedly, during within household sampling, there were often concerns/suspensions from households when a female respondent was chosen. The team had to work closely with community leaders to assure them that they were not attached to the

Taliban, and this was academic research, and most community leaders eventually did accept their presence. Two community leaders did not approve, and as a result it was necessary to replace two clusters for data collection. This was done via a random process. The security situation also made communications and travel in the field difficult as telecommunications were cut off, and the road connected to the airport fell to the Taliban.

Cabo Verde

Data collection took place in Cabo Verde during November and December 2020 (Sao Nicolau: 20 November-1 December and in Boa Vista from 4-13 December). The survey was conducted predominantly in Cabo Verde Creole, by an enumeration team who conducted data collection in both research areas. Two Cabo Verdean subcontracting firms – PD Consult and MGF – completed the survey, overseen remotely by ODI. The enumerator training was done in hybrid format, with ODI/ PRIO joining remotely.

The biggest challenges facing the data collection team related to sampling. The terrain in Sao Nicolau is mountainous, and many of the clusters were extremely remote and difficult to access. This presented logistical challenges to the team in completing the random walk, making return visits, and backchecking respondents, as well as communication issues such as poor phone signal. In several clusters in both research areas, it was necessary to sample additional clusters, as it was not possible to complete the required interview batch size in a particular cluster. This was partly since the clusters were very small (around 100 households), making it more difficult to achieve the required interview batch size (usually 20 interviews). Oftentimes, this was because members of the sampled household within the target population had migrated, and as a result there was no one in the household to interview who met the target population criteria, and the enumerator had to continue the random walk. Indeed, it was necessary to visit nearly 400 additional households to achieve the required sample size in Cabo Verde – and nearly all of these households were replaced due to there being no target population living in the household. When additional clusters were selected, this was done via a random process, sampling a cluster from the same strata.

During backchecks, there were around a dozen interviews which contained three or more errors. Following the MIGNEX data monitoring procedures, these respondents should have been totally reinterviewed. However, due to practical reasons, i.e., remoteness of clusters, and the fact that the required interview batch size had been exceeded in many clusters, it was decided to instead delete these interviews from the final dataset.

Ethiopia

Data collection took place in Ethiopia in July and August 2021 (23-26 July in Kombolcha; 23 July – 3 August in Batu and 23 July – 3 August in Moyale). The survey was conducted in Amharic in Kombolcha and in Oromiffa in both Batu and Moyale by three separate teams of enumerators. Data collection was led by Samuel Hall.

The data-collection process in the three research areas in Ethiopia faced several security-related challenges. The field work in Kombolcha experienced several challenges due to the war in the Northern of Ethiopia getting closer to the research area. As a result of this, the local communities were vigilant, and the interviewed households reported to the police the presence of the fieldwork team and the local administration confiscated mobile phones of enumerators and investigated the survey. Though they were not concerned with the survey instrument, the town administration prohibited the firm from continuing fieldwork, which constrained the period of data collection from 23-26 July. Samuel Hall waited for some months for the security situation to improve, which did not happen. In October, in consultation with

ODI and PRIO, it was decided that data collection could not be completed, the Kombolcha survey thus has a lower sample size of just over 200 respondents.

During the fieldwork in Batu, there was active military campaign and forced militarization, which made households afraid of having outside visitors. As a result of this, one of the households reported the presence of the team to the police. After the team leader had an in-person discussion with the police, the team was able to resume conducting the survey. As a result of this, data collection was delayed by a day, but there were no further delays.

As a border town and prone to ethnic clashes between the Oromo and Somali, there were high level security challenges in Moyale. On one instance, the police stopped the team from conducting the interviews, which led to a one-day delay. Through cooperation of the local leadership and discussions with the police, the team was able to resume work after one day.

Another challenge in Moyale was the scatter settlement nature of Moyale population which is difficult for random walk. To address this, the team hired local guides to guide some enumerators who faced challenges. Furthermore, stratification was also introduced. The household counts were larger than those estimated on satellite maps due to high numbers of labour migrants who had migrated town, often living in small rooms together.

Lastly, one issue that was common across the three research areas was that different responses from the same respondent were identified around the age question, as many people - especially those born in rural areas - did not know their exact ages but only their rough age group. At the same time, some female respondents also changed their ages depending on who was interviewing them.

Ghana

The Ghana data collection team was the first to complete the survey between October and November 2020 (12 October-11 November for all three research areas). Three separate enumeration teams completed the survey in the three research areas. The team was led by the University of Ghana.

Due to the availability of enumeration area maps, used in Ghana for the census, the Ghana team decided in consultation with ODI to not follow the first stage of the sampling strategy. On closer inspection, the enumeration area maps were deemed not up to date enough and were no longer an accurate depiction of the population. As a result, the Ghana team conducted a simple household listing – updating enumeration area maps with the *actual* number of households counted on the ground – in all three research areas. In several cases they amended the enumeration area boundaries to create revised clusters. The teams reflected that the household listing process was also useful once they later started the actual data collection, as people in the research areas had built some rapport with the teams and knew they were coming.

As the first team to complete the survey, the team were instrumental in testing the survey instrument, ironing out any issues in the CAPI and suggesting improvements for enumerator instructions, as well as training materials. The team responded to a mistake in the skip logic that was spotted at the end of data collection for one question (F6), and returned to the field to retrieve the 150 missing observations for this variable.

Guinea

Data collection in Guinea took place in July 2021 (4-30 July in Dialakoro and 1-28 July in Boffa). The survey was conducted predominantly in Malinke in Dialakoro, and in Soussou and Peulh in Boffa. Two separate teams of conducted the data collection in the two research areas. Three

subcontractors – PD Consult (Cabo Verde), WAFS (Guinea) and an independent consultant (Senegal) – completed the survey, overseen remotely by ODI. The enumerator training was done in hybrid format, with ODI joining remotely.

The biggest issue facing the team related to obtaining research permissions. Data collection was delayed by almost a month due to delays in requiring the relevant national permissions. Enumerator training took place in early June, but data collection could not start until July. Enumerators were given short ‘refresher’ sessions on data collection protocols before starting data collection proper.

Another obstacle was the rainy season. In Dialakoro, the rainfall made accessing certain parts of the rural and dispersed research area difficult, as roads were flooded. Accessibility to certain clusters was also an obstacle in Boffa. Community leaders in one cluster in Boffa did not allow enumerators to complete the survey there – this is likely due to tensions between this village and the local authorities. As a result, it was necessary to sample a replacement cluster. This was done via a random process.

During data monitoring, it *appeared* that there were several significant outliers for some of the questions to do with household sizes in Dialakoro. The data manager investigated this with the field work team, and found that in Dialakoro household sizes are often extremely large according to the MIGNEX definition of ‘eating and living’ together. Mostly, these high numbers were indeed *not* outliers after all, rather the household was large.

Data monitoring was often hindered by lack of internet connection, meaning that it was possible to upload completed survey forms to the server on a daily basis.

Nigeria

The Nigeria data collection team completed the survey in July and August 2021 (in Down Quarters: 26 July- 6 August, Ekpoma: 26 July- 7 August, Awe: 27 July-7 August). Three separate teams completed the survey in the three research areas, in English, Pidgin English and Hausa in Ekpoma. The survey was completed by subcontracted firm NOIPolls and overseen by ODI. The enumerator training was done in hybrid format, with ODI joining remotely.

In Awe, there was a high number of respondents who spoke Tiv – which was unforeseen prior to entering the field. Enumerators proficient in this language translated the survey instrument on the spot from the written English or Pidgin English versions. This may have affected the reliability of data, since enumerators were not prepared for ad hoc translations, and may have all translated key terms in slightly different ways.

In Ekpoma, a student city, several clusters contained student halls or dorms. For these cases, a definition a household in student dorms was shared with the fieldwork teams, which as the definition of MHC7 focused on the critical component of eating together.

In a couple of clusters in Down Quarters, market areas had recently been demolished – not visible on the satellite maps used for stage 1 of sampling. In the end, it was possible to complete the required interview batch size in these areas, as the majority of buildings demolished were not residential, and so no additional clusters needed to be sampled.

Pakistan

Data collection took place in Pakistan from November 2021 to January 2022 (7 November – 27 December 2021 in Chot Dheeran, 20 November – 6 December 2021 in Keti Bander and 19 January 2022 – 6 February 2022 in Youhanabad). The survey was conducted in Urdu and

Punjabi in Chot Dheeran, in Urdu and Sindhi in Keti Bander and in Urdu in Youhanabad by three separate enumerator teams. Data collection was subcontracted to Gallup Pakistan and overseen by Lahore University.

There were a few sampling issues identified in Chot Dheeran and Keti Bander in the early days of fieldwork. For a few interviews in Chot Dheeran and Keti Bander, the process of randomisation of the respondent within the household was flawed due to an error with the interpretation of the target population group. More specifically, the Survey CTO program includes a question on the number of household members in target age group, which is used to randomly choose the interviewee within the household. However, in 37 cases in Chot Dheeran and 33 cases in Keti Bander, this question was not asked correctly, and instead of asking and recording the number of household members in target age group, the age of the respondent was recorded. In turn, it was not possible to accurately randomise the selection process of the respondent within the household. The country team identified this discrepancy when cross-checking this question against a later question on number of household members and immediately corrected the problem. Since this issue was linked to the random generation of the choice of household member to be interviewed, they could not go back to re-interview. Instead, they rejected all of these interviews, and carried out replacement interviews by starting from the GPS point of the last interview in the cluster and moving forward.

Fieldwork in Youhanabad was delayed due to rain spells and the spread of the Omicron variant. In a few clusters, due to instalment of jammers it was difficult to record the GPS on a few cases, in which cases they were omitted.

Somalia

Data collection took place in Somalia in June and July 2021 (14-24 June in Erigavo and 6 July-24 July in Baidoa). Two separate teams completed the survey in the Maxaatiri Somali dialect in Erigavo and in Maay Somali dialects in Baidoa, respectively. Samuel Hall led the data collection.

A problem encountered in Erigavo was that one of the clusters sampled only consisted of businesses and no households could be found. This issue was addressed by replacing this cluster with another one that initially had not been sampled and this new cluster was randomly sampled.

In Baidoa, during the field test day a group of enumerators were caught in a crossfire between the police and members of Al Shabab. Thankfully, no team members were hurt during the incident. However, one issue encountered in Baidoa was related to the age of respondents as many people especially those born in rural areas did not know their exact ages, but instead were working with age groups, which led to different responses being solicited from the same respondent. At the same time, some female respondents would also change their age depending on who was interviewing them.

Tunisia

Data collection took place in Tunisia in June and July 2021 (11-29 June in Enfidha and 13 June-5 July in Redeyef). The survey was conducted in Arabic (Tunisian dialect) by two separate enumerator teams. Data collection was subcontracted to Tunisia firm One to One Research and Polling and led remotely by ODI. A MIGNEX team member based in Tunis contributed to the enumerator training.

The Covid-19 situation in Tunisia at the time of data collection presented many challenges, and as a result, the data collection took longer to complete than planned. The attitude of respondents and other household members approached by enumerators was also affected by Covid-19 – many were afraid to complete the interview. There were also restrictions on movement and a curfew imposed due to Covid-19 which made completing interviews difficult, as the team were unable to be as flexible as usual in terms of timings.

Very hot weather in Redeyef also presented a challenge to the team. It is custom in Redeyef to take a long break and nap in the middle of the day, as a result it is not culturally accepted to knock on the door during these times.

Enumerators reported that people were sometimes suspicious that enumerators were sometimes visiting households up to three times looking for specific person – especially in small clusters.

A big issue was completing the required interview batch size in clusters – which were very small. In both research areas it was therefore necessary to sample several additional clusters in order to reach the sample size of 500 respondents for the research area.

Turkey

Data collection took place in Turkey in July and August 2021 (3 July – 19 July in Kilis, 1 August – 11 August in Yenice and 18 August – 31 August in Hopa). The survey was conducted by three separate teams of enumerators. The survey was carried out in Turkish and Syrian Arabic in Kilis, and in Turkish in both Yenice and Hopa. Data collection was subcontracted to Frekans Research and overseen by Koç University.

In Kilis, a few security problems were faced during the data collection process as there is constant friction between Turks and Syrians in provinces where Syrian refugees mostly live and some neighbourhoods have serious security problems. For instance, one of the enumerators was attacked and her bag was stolen; on the same day, two female enumerators were verbally abused. Another day, an NGO representative in Kilis expressed to the team that a survey could not be conducted on their street and called the police. The police kept the enumerators in custody for a few hours, they were then released when their criminal records came back clear. The team completed the data collection in the cluster a few days later when the tensions had calmed down.

There were no big issues reported in Yenice while in the field. It is important to note that as Yenice is a region where agriculture is the primary source of income, the team had to work late hours because the fieldwork coincided with the harvest period.

In Hopa, there were two key challenges that affected the fieldwork. The first relates to the number of Covid-19 cases being significantly higher in Hopa than in any of the other regions where data collection was taking place. The fieldwork was paused briefly to allow for testing amongst the enumerators when one started showing symptoms but recommenced quickly as PCR tests came back negative.

10.7 Challenges during the survey execution

The execution of data collection and challenges experienced are not only important to better understand the MIGNEX Survey, but also to potentially make adjustments for in the analysis or

interpretation of data. We therefore recommend that the following sections are carefully read by all planning to use the MIGNEX data.

10.7.1 Challenges related to Covid-19

Timing of survey and enumerator trainings

The originally planned fieldwork schedule was much delayed due to travel restrictions and other implications as a result of the Covid-19 pandemic and subsequent lockdowns. It was decided that phone or otherwise remote survey data collection would not be suitable for the research aims of MIGNEX, and thus we had to wait until face-to-face interviews were safe and feasible with government restrictions in each country, e.g. internal travel restrictions or lockdown/curfews.

Another factor which delayed fieldwork was international travel restrictions. We decided that, as planned, a MIGNEX team member was required to be present and participate in enumerator training in each research area. In the countries where no core MIGNEX team members were based (Afghanistan, Cabo Verde, Ethiopia, Guinea, Nigeria, and Somalia), we were thus also delayed by international travel restrictions.

In the end, it was impossible to make these trips to all enumerator trainings, given ongoing travel restrictions, so we opted for remote participation in three of the trainings (Cabo Verde, Guinea and Nigeria). This worked best in Cabo Verde, where the team had already conducted the pilot and hence had already received an initial in-person training on the MIGNEX survey. All three trainings were hampered by connection issues, which were even more challenging for the Guinea survey, where an interpreter was used.

Disruptions to the fieldwork

In a few countries, enumerators' exposure to Covid-19 delayed the fieldwork for a few days. The appropriate health protocols were always followed where symptomatic enumerators were tested, and all team isolated until the results were obtained. In most cases, one or two enumerators were positive, and the rest of the team was able to resume work after just a few days. Hence, overall fieldwork did not experience large delays for most countries.

In Tunisia, the Covid-19 situation at the time of data collection presented many challenges, and as a result the data collection took longer to complete than planned. The attitude of respondents and other household members approached by enumerators was also affected by Covid-19 – many were afraid to complete the interview. There were also restrictions on movement and a curfew imposed due to Covid-19 which made completing interviews difficult, as the team were unable to be as flexible as usual in terms of timings.

Lastly, in Youhanabad, Pakistan, the spread of the Omicron variant delayed the data collection launch by one week.

10.7.2 Security issues

A critical challenge to the data collection team was navigating a security situation in three countries: Afghanistan, Ethiopia and one research area in Turkey. In Afghanistan, particularly in Shahrake Jabrael (a district of Herat), the team encountered many problems due to the volatile security situation elsewhere in the city. The team had to work closely with community leaders to assure them that they were not attached to the Taliban, and this was academic research, and most community leaders eventually did accept their presence. Two community

leaders did not approve, and as a result it was necessary to replace two clusters for data collection. Also, the team found that people were hesitant to participate. The security situation also made communications and travel in the field difficult as telecommunications were cut off, and the road connected to the airport fell to the Taliban. The team closely monitored and adapted to the security situation. It was necessary to change two research areas as a result.

In Kilis, Turkey a few security problems were faced during the data collection process as there is constant friction between Turks and Syrians in provinces where Syrian refugees mostly live and some neighbourhoods have serious security problems. For instance, one of the enumerators was attacked and her bag was stolen; on the same day, two female enumerators were verbally abused. Another day, an NGO representative in Kilis expressed to the team that a survey could not be conducted on their street and called the police. The police kept the enumerators in custody for a few hours, they were then released when their criminal records came back clear. The team completed the data collection in the cluster a few days later when the tensions had calmed down.

In Ethiopia, during the fieldwork in Batu, there was active military campaign and forced militarization, which made households afraid of having strange visitors. As a result of this, one of the households reported the presence of the team to the police. After the team leader had an in-person discussion with the police, the team was able to resume conducting the survey. As a result of this, data collection was delayed by a day, but there were no further delays.

As a border town and prone to ethnic clashes between the Oromo and Somali, there were high level security challenges in Moyale. On one instance, the police stopped the team from conducting the interviews, which led to a one-day delay. Through cooperation of the local leadership and discussions with the police, the team was able to resume work after one day.

10.7.3 Weather conditions

A number of research areas faced extreme weather conditions during the data collection. This affected accessibility of clusters and duration of data collection. In Youhanabad data collection was delayed by one week due to heavy rains. In Gbane, Ghana, and Dialakoro, Guinea, rainfall made accessing certain parts of the rural and dispersed research area difficult, as roads were flooded. This reduced the number of interviews that could be completed in a day and somewhat increased data collection duration.

10.7.4 Challenges related to survey items

Age of the respondent turned out to be more challenging for some respondents than we had expected, for instance in Ethiopia or Somalia, where even within the target population some respondents were not aware of their exact age (we had selected age as an easier alternative than exact birthdate). In such instances, an approximate age was selected. In some cases, respondents also changed their age, depending on whether a male/ female enumerator asked. This also affected survey back checks, where age was one of the survey items backchecked. However, this was easily addressed by data managers who were aware of the cultural context.³

Some of the survey items were somewhat sensitive in some research areas (e.g. the religion survey items), but not to the extent that they resulted in high item non-response.

³ This is likely also an issue in other research areas and should be considered in the analysis.

10.7.5 Execution of the sampling strategy

We used a three-stage, probability-proportional-to-size cluster sampling strategy with random walks in the MIGNEX project, described in detail in MHC7 (Hagen-Zanker et al., 2020). Our sampling strategy consists of three stages. In the first stage clusters are sampled, in the second stage households and in the third stage respondents within a household.

MIGNEX developed an innovative approach to produce sampling frames needed for the first stage, the challenges related to this approach are discussed in the next section. The second stage involved a random walk to sample households. Detailed guidance was developed to systematise the random walk and ensure it leads to consistent sampling outcomes (see Hagen-Zanker et al., 2020), including additional training materials, such as a 30min training video, which was translated into the local languages of enumerators and often watched repeatedly. Practising random walks was also an important component of enumerator trainings. As such, this stage appeared to work relatively well, apart from some geographical challenges discussed below. The final stage involved randomly sampling a household member aged 18-39 using a random number generator built into the CAPI form. No issues relating to this stage of sampling were reported.

Using an innovative methodological approach to build a sampling frame

To deliver on this sampling strategy and to be able to calculate the probability of selection, fairly accurate estimates of the numbers of households in each cluster were essential to produce sampling frames which were largely non-existent or outdated in our research areas. We did by estimating number of households within a cluster using satellite maps based on a number of assumptions developed, a challenging undertaking (see a discussion of the methodology in Hagen-Zanker, forthcoming).

Verification exercises were a critical step in our methodology, carried out by fieldwork supervisors to verify the accuracy of household estimates before proceeding with the fieldwork. This involved consulting people familiar with the area to verify assumptions. The second stage involved actually verifying dwelling and population estimates for two small zones within the research area. This on-the-ground verification of household estimates was used to get a sense of how accurate our estimates are.

Table 5 gives an overview of the verification exercises for each research area, showing the average margin of error for each. As the table shows, households estimates based on the methodology we developed - counting dwellings and estimating how many households live in each dwelling – does not always lead to the most accurate household estimates, if those estimates are used without further adjustments. The inaccuracies reflect rapid change in some areas, with new dwellings built that are not yet included in satellite maps (e.g. TUN2), slum-like areas where many dwellings are temporary and densely built making estimates difficult (NGA1, ETH3) and large numbers of inhabited houses (CV1), amongst other reasons.

Table 5. Outcome from the sampling verification exercises (average margin of error)

AFG1	21%	ETH1	4%	GHA3 ¹	2%	NGA3	4%	SOM2 ¹	8%
AFG2	20%	ETH2	22%	GIN1	36%	PAK1	3%	TUN1	16%
AFG 3	17%	ETH3	30%	GIN2	58%	PAK2	8%	TUN2	55%
CPV1	24%	GHA1 ¹	28%	NGA1	89%	PAK3	2%		
CPV2	17%	GHA2 ¹	19%	NGA2 ¹	25%	SOM1	22%		

Source: Authors'. notes: Turkey is not included in this table as the first stage of the sampling process drew on municipal data. ¹ A full household listing was later completed.

We had initially planned to do a full household listing for all research areas where the margin of error exceeded 20% (Hagen-Zanker et al., 2020). In the end we decided not to do this, given the tight timeframes we had for data collection; often squeezing data collection in Covid-19 spike and national holiday free windows. In some research areas the teams decided to conduct a household listing but this was not systematically done for all areas with high margins of error.) Instead, we used the information from the verification exercises to improve our assumptions and update household estimates and sampling intervals.

However, based on our verification exercises, we can see that our sampling frames will not be fully accurate and that we can likely expect to have some remaining sampling bias as a result of our methodological approach. Some of the further sampling challenges experienced (discussed below) likely aggravated this bias. Moving forward with the analysis we need to accept drawback, consider the possible impact on our results and use caution in interpretation.

Challenges related to migration

During the MIGNEX data collection, a migration specific challenge in some cases led to less accurate household counts and other sampling challenges. Some of the areas with high levels of out-migration, such as São Nicolau, had relatively high numbers of empty houses built by migrants. These showed up as completed houses on a satellite map but were in fact unoccupied for much of the year. To some extent this could be accounted for in the verification stage, where household estimates were revised downwards, and clusters could be redrawn. However, these relatively high numbers of empty houses resulted in some clusters not having sufficient households with target population members to fulfil a batch size of 20 interviews. In these cases, a not-yet-sampled cluster within the same cluster was sampled and used to complete the full number of interviews.

A related migration challenge was high numbers of households with no members within the target population (as these are more likely to have migrated). If the batch size could not be completed within such clusters a similar approach of sampling another cluster was employed.

Other research areas had high levels of in-migration and with migrants often living in crowded spaces together, household estimates underestimated the total number of households (e.g. Moyale, Ethiopia). As much as possible, this was accounted for during the verification stage, with household estimates adjusted.

Challenges related to terrain

Several of the field teams struggled with difficult terrain and climatic conditions during data collection, e.g. mountainous terrain in São Nicolau, Cabo Verde, scattered settlements in Moyale, Ethiopia and poor accessibility due to rainy conditions in Dialokoro, Guinea and Gbane, Ghana. This made it difficult to complete random walks, in addition to other non-

sampling challenges. Support for enumerators was put in place, for instance in Moyale local guides were hired to support enumerators. In some cases, additional clusters were sampled when batches could not be filled within a cluster (e.g. São Nicolau, where empty houses due to high levels of outmigration were also common).

Other sampling challenges

In some cases, a new cluster had to be sampled for other reasons. In Redeyef, Tunisia the team discovered empty houses fairly frequently. Moreover because of the Covid-19 situation, people were more wary of speaking to enumerators, so batch size couldn't be fulfilled in all instances and another cluster was sampled following the same principles. In Dialokoro a community leader did not allow enumerators to conduct a survey in a particular cluster, so a new cluster was sampled randomly. In Erigavo, Somalia, a sampled cluster turned out to mainly consist of businesses, so it was replaced with another randomly sampled cluster.

10.7.6 Households visited and resulting outcomes

There are different reasons why a visit to a household may not have resulted in an interview. With no full household listings in our areas, we do not know if households have any household members that meet our target population criteria of 18–39-year-olds in the household, prior to knocking on the front door. Sampled respondents may also not consent to be interviewed. In these two cases, households are recorded as 'outcome: no interview' households and replaced with another household. Moreover, sampled households may not have had an adult present on the first visit, or sampled respondents may not have been at home or busy when enumerators visited. As a result, our sampling guidelines outlined that up to three visits must be made to sampled households before they are logged as 'outcome: no interview' and replaced with another household in the same cluster.

The different types outcomes resulting from visits and interviews are shown in Figure 1.

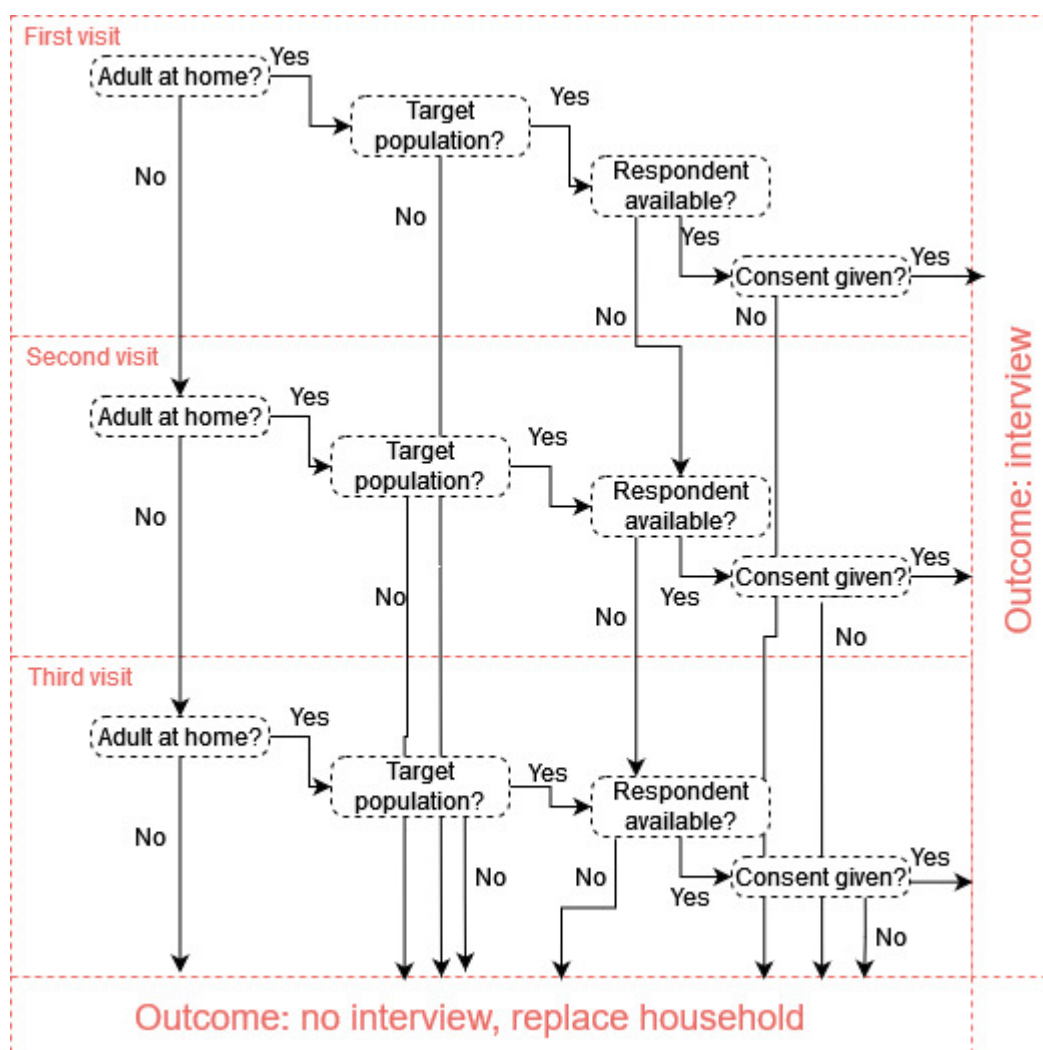


Figure 1. Flowchart of visits to households and sampling steps, as tracked by CAPI

Table 6 shows the number of household visits made across countries in order to achieve the sample size in each country. For the most part, only one visit was required to households, with far fewer requiring two visits and a minority requiring three visits. For Afghanistan, Cabo Verde, Ethiopia, Guinea, Nigeria, Pakistan and Somalia, only one visit was required for over 90% of cases. On the other hand, Ghana, Tunisia and Turkey show the highest number of revisits where a second visit was required in 9% of cases in Ghana and a third visit was required in 10% and 8% of cases for Tunisia and Turkey, respectively. In Ghana, the highest number of revisits were required in Gbane and Golf City, which the field team explained by the fact that many people work away from home during the day, so appointments and revisits were often necessary to interview sampled respondents or there was no household member in the target population. In Tunisia, revisiting was higher for Enfidha (19% of second and third visits) mainly because of the low number of households in some clusters and the lack of availability of the target population during the day. Lastly, in Turkey, only Kilis exhibited higher revisit rates (15% of cases required 3 visits).

Table 6. Visits made to each household, by country

	Households by number of visits			Households visited	Respondents interviewed	Outcome: no interview ¹
	One	Two	Three			
Afghanistan	97.1% (N=1835)	1.8% (N=33)	1.1% (N=21)	100% (N=1889)	86% (N=1633)	14% (N=256)
Cabo Verde	94.1% (N=1335)	4.6% (N=65)	1.3% (N=18)	100% (N=1418)	72% (N=1019)	28% (N=399)
Ethiopia	99.1% (N=1262)	0.7% (N=9)	0.2% (N=3)	100% (N=1274)	99% (N=1267)	1% (N=7)
Ghana	86.9% (N=1468)	8.9% (N=151)	4.2% (N=71)	100% (N=1690)	90% (N=1526)	10% (N=164)
Guinea	96.4% (N=1016)	2.1% (N=22)	1.5% (N=16)	100% (N=1054)	96% (N=1012)	4% (N=4%)
Nigeria	96.9% (N=1561)	2.5% (N=40)	0.6% (N=10)	100% (N=1611)	94% (N=1508)	6% (N=103)
Pakistan	94.9% (N=1532)	0.6% (N=9)	4.6% (N=74)	100% (N=1615)	95% (N=1528)	5% (N=87)
Somalia	97.2% (N=1057)	2.2% (N=24)	0.6% (N=6)	100% (N=1087)	95% (N=1028)	5% (N=59)
Tunisia	86.5% (N=1528)	3.7% (N=65)	9.8% (N=173)	100% (N=1766)	58% (N=1027)	42% (N=739)
Turkey	90.8% (N=2170)	1.5% (N=37)	7.7% (N=184)	100% (N=2391)	68% (N=1625)	32% (N=766)

Source: MIGNEX Survey data. Notes: (1) Difference between total number of households visited and total number of respondents interviewed.

Table 7 shows the reasons why households were marked as ‘outcome: no interview’. Reasons differ across countries, but the predominant reason is that the household did not have any target population member, that is household members were either too young or too old to be interviewed. This was not an issue in Pakistan where less than 1% of households did not have members in the target population. But it was a particularly prominent reason in Cabo Verde, Tunisia and Turkey, where out of the total number of households visited, 27%, 30% and 24% households respectively for each country did not have any household members between the ages of 18 to 39. Field teams noted that this is a result of high levels of out-migration from the areas (see also section 10.7.5). Given that in some cases the share of visited households with no target population household member turned out to be quite high, we account for it in our weighting (see section 10.10.1).

Other less common reasons for ‘outcome: no interview’ include that there were no adults at home after three visits (relevant in Tunisia, Turkey and Pakistan), the respondent was not available after third visit (important in Ghana and Pakistan) or where the respondent did not consent (applicable in Nigeria and Somalia). Only in Afghanistan, there were some cases (6%) where the respondent was not available after the first visit and was not revisited for a second or third time. Non-consent is low across the entire sample, ranging from 0.2% of all approached households in Ethiopia to 3.2% in Nigeria.

Table 7. Reasons for outcome: no interview

	No target population	Respondent not available at 3rd visit	Respondent did not consent	No adult home at any of the three visits	Respondent not available at 1st visit and not revisited	Respondent not available at 2nd visit and not revisited
Afghanistan	5.2% (N=98)	0.4% (N=8)	1% (N=19)	0.5% (N=10)	6.4% (N=120)	0.1% (N=1)
Cabo Verde	26.9% (N=381)	0.3% (N=4)	0.3% (N=4)	0.7% (N=10)	0% (N= 0)	0% (N= 0)
Ethiopia	0.3% (N=4)	0% (N=0)	0.2% (N=3)	0% (N= 0)	0% (N= 0)	0% (N= 0)
Ghana	4.7% (N=79)	3.1% (N=52)	1.8% (N=31)	0.1% (N=2)	0% (N= 0)	0% (N= 0)
Guinea	1.9% (N=20)	0.7% (N=7)	0.9% (N=10)	0.5% (N=5)	0% (N= 0)	0% (N= 0)
Nigeria	2.7% (N=43)	0.5% (N=8)	3.2% (N=52)	0% (N= 0)	0% (N= 0)	0% (N= 0)
Pakistan	0.4% (N=7)	2% (N=33)	0.4% (N=7)	2.5% (N=40)	0% (N= 0)	0% (N= 0)
Somalia	3.3% (N=36)	0.1% (N=1)	1.9% (N=21)	0.1% (N=1)	0% (N= 0)	0% (N= 0)
Tunisia	30.4% (N=537)	1.2% (N=21)	2.1% (N=37)	8.2% (N=144)	0% (N= 0)	0% (N= 0)
Turkey	24.1% (N=577)	1.7% (N=40)	0.5% (N=13)	5.7% (N=136)	0% (N= 0)	0% (N= 0)

Source: MIGNEX Survey data. Notes: Columns add up to total 'outcome: no interview' as reported in Table 6.

Enumerators also recorded the reasons why sampled respondents could not be interviewed, these are summarised by country in Table 8. The main three reasons for which respondents could not be interviewed include that respondent refused to be interviewed, the respondent was not at home to be interviewed and the respondent was too busy. The most predominant reason for an interview not being completed was that the respondent was not at home for most countries including Cabo Verde (86%), Ghana (64%), Guinea (54%), Nigeria (43%), Somalia (50%) and Tunisia (44%). In Afghanistan, Pakistan and Turkey, over half of respondents who could not be interviewed had refused to be interviewed, i.e. no consent given. Only in Ethiopia, the main reason for an interview not being completed was the respondent being too busy (67%). Other less common but present reasons for an interview not being completed include another household member refusing for the respondent to be interviewed, the respondent being ill, drunk or on drugs, the respondent had disabilities in ways that were not compatible with interviewing and no enumerators spoke a language the respondent could understand and other reasons.

Overall, there were high respondent consent rates across all countries: above 98% for Afghanistan, Cabo Verde, Ethiopia, Ghana, Guinea, Pakistan, Somalia and Turkey, and over 96% for Nigeria and Tunisia, see Table 9. The main reason for non-consent was the respondent refusing to participate but in some instances, it was not the sampled respondent who refused, rather another household member.

Table 8. Reasons respondents were not available to be interviewed

	<i>Number of respondents not available</i>			Respondent refused to be interviewed	Another household member refused for respondent to be interviewed	Respondent was not at home	Respondent was too busy	Respondent was ill	Respondent was drunk or on drugs	Respondent was handicapped in ways that prevented an interview	No enumerators spoke a language the respondent could understand	Other reason
	At first visit	At second visit	At third visit									
Afghanistan	153	16	8	65% (N=115)	5.1% (N=9)	21.5% (N=38)	7.9% (N=14)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)	0.6% (N=1)
Cabo Verde	62	7	4	5.5% (N=4)	0% (N=0)	86.3% (N=63)	8.2% (N=6)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)
Ethiopia	5	1	0	0% (N=0)	0% (N=0)	33.3% (N=2)	66.7% (N=4)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)
Ghana	182	68	52	7.3% (N=22)	0.7% (N=2)	64.2% (N=194)	23.8% (N=72)	1% (N=3)	0.7% (N=2)	3% (N=9)	0% (N=0)	5.6% (N=17)
Guinea	22	10	7	30.8% (N=12)	0% (N=0)	53.8% (N=21)	12.8% (N=5)	5.1% (N=2)	2.6% (N=1)	0% (N=0)	0% (N=0)	2.6% (N=1)
Nigeria	41	9	8	31% (N=18)	5.2% (N=3)	43.1% (N=25)	19% (N=11)	1.7% (N=1)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)
Pakistan	37	33	33	57.3% (N=59)	11.7% (N=12)	19.4% (N=20)	11.7% (N=12)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)
Somalia	13	2	1	37.5% (N=6)	6.3% (N=1)	50% (N=8)	6.3% (N=1)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)	0% (N=0)
Tunisia	74	24	21	32.8% (N=39)	5% (N=6)	43.7% (N=52)	15.1% (N=18)	0% (N=0)	0% (N=0)	2.5% (N=3)	0% (N=0)	0.8% (N=1)
Turkey	59	44	40	69.9% (N=100)	1.4% (N=2)	20.3% (N=29)	6.3% (N=9)	0.7% (N=1)	0% (N=0)	0% (N=0)	3.5% (N=5)	0% (N=0)

Source: MIGNEX Survey Data. Note: Multiple responses possible.

Table 9. Consent to be interviewed and reasons for not consenting

	Consented	Did not consent	<i>Reason for non-consent (N)</i>		
			Sampled respondent refused	Another person refused	Other
Afghanistan	98.8% (N=1633)	1.2% (N=19)	18	2	1
Cabo Verde	99.6% (N=1019)	0.4% (N=4)	3	0	1
Ethiopia	99.8% (N=1267)	0.2% (N=3)	2	0	1
Ghana	98% (N=1526)	2% (N=31)	29	2	2
Guinea	99% (N=1012)	1% (N=10)	10	0	1
Nigeria	96.7% (N=1508)	3.3% (N=52)	45	9	0
Pakistan	99.5% (N=1528)	0.5% (N=7)	5	2	0
Somalia	98% (N=1028)	2% (N=21)	19	2	0
Tunisia	96.5% (N=1027)	3.5% (N=37)	34	1	2
Turkey	99.2% (N=1625)	0.8% (N=13)	11	2	1

Source: MIGNEX Survey data. Notes: Note: Multiple responses possible.

10.8 Data management principles and procedures

10.8.1 Guiding principles

Methodical and verifiable file management is essential for ensuring the integrity of data. We manage our data in line with the following principles.

Backward traceability

The process that resulted in the data that are used for analysis must be traceable all the way back to data entry on the tablets. For instance, if a dummy variable appears to have the inverse of the expected values, it must be possible to verify if values or labels were accidentally reversed at an earlier stage.

Forward cascading

The relationship between files must be set up so that a correction at an early stage can be implemented in a cascading fashion in all dependent files. In other words, if we discover an error in the initial conversion of SurveyCTO output into raw data, it must be clear which other files need to be updated, and it must be possible to do without introducing other errors or inconsistencies. Corruption of the data could occur if, for instance, cleaned datasets that are recreated after discovery of upstream errors also contained corrections that were not documented, or were documented in files that were not part of the standard workflow.

Avoidance of redundancy

Procedures that are repeated should, whenever possible, be executed and documented by a single file. This is important for minimising the risk of errors, making corrections when needed, and easing documentation of the process. In the context of MIGNEX survey data, redundancy is reduced by using MIGNEX-wide files whenever possible and supplementing with country-specific files as needed. For instance, transitions between data stages is implemented in one MIGNEX-wide do-file combined with ten one country-specific do-files (if needed) and not by copy-pasting MIGNEX-wide procedures into country-specific do-files.

Avoidance of dependence on individuals

The quality of the analyses will clearly benefit from the in-depth insights of individuals who have followed the entire process of survey data collection. But the integrity and management of data should not depend on the memory or knowledge of individuals. Providing full documentation in the MIGNEX Handbook and adhering to the documented procedures underpins this principle.

10.8.2 Implementation of guiding principles

The general principles are reflected in the procedures that are laid out in subsequent sections of this chapter. Across the different phases of data management, implementation follows these points:

1. Datasets exist in a limited number of types defined by *stage* (e.g. cleaned, de-identified), *scope* (MIGNEX-wide or country-specific), and *version* (reflecting corrections or improvements, defined by date):

2. Data sets are not edited directly, with all edits made in do-files and edited files are saved under a new name.
3. Transitions between stages are executed and fully documented with the smallest possible number of files. Where appropriate, there is *one* MIGNEX-wide file and *one* country-specific file. The names of the do-files that execute transitions between stages match the names of the dta-files that result from the process (see below)
4. All files that are part of the systematic data management workflow have file names that begin with the prefix mxs- (for MIGNEX Survey) and end with the version date. Country-specific files include the ISO-3 code; in MIGNEX-wide files this slot in the file name is empty. The principles are illustrated here and presented in detail in later sections:

Raw dataset for Ghana: mxs-raw-gha-2021-04-15.dta
 Ghana-specific cleaning file: mxs-clean-gha-2021-04-15.do
 MIGNEX-wide data cleaning file: mxs-clean-2021-04-15.do
 Ghana-specific do file which applies both the Ghana-specific and MIGNEX-wide data cleaning file:
 mxs-clean-gha-save-2021-04-15.do
 Clean dataset for Ghana: mxs-clean-gha-2021-04-15.dta

10.8.3 Dataset stages and transitions

Table 10 lays out the stages and transitions of the data from it is exported to the tablets until it is published in a data repository.

Table 10. Overview of dataset stages and transitions

Stage and transition	Scope	File name ¹	Who has access	Comments
1. SurveyCTO output	Country-specific	mxs-output-[ISO]-[DATE].csv	Data managers and country coordinators; central survey team at ODI	This is the raw csv data file exported from the SurveyCTO server.
Output → Raw	Country-specific	mxs-raw-[ISO]-[DATE].do	Central survey team at ODI	This is a do file automatically generated and exported from SurveyCTO, which applies pre-programmed variable names and labels to the dataset.
2. Raw datasets	Country-specific	mxs-raw-[ISO]-[DATE].dta	Central survey team at ODI	This is the output of mxs-raw-[ISO]-[DATE].do, a raw country level dataset.
<i>Raw → Cleaned</i>	MIGNEX-wide	mxs-clean-[DATE].do	Central survey team at ODI	
	Country-specific	mxs-clean-[ISO]-[DATE].do	Central survey team at ODI	
		mxs-clean-save-[ISO]-[DATE].do	Central survey team at ODI	This do file runs both cleaning do files (mxs-clean-[DATE].do and mxs-clean-[ISO]-[DATE].do), and saves the cleaned dataset.
3. Cleaned datasets	Country-specific	mxs-clean-[ISO]-[DATE].dta	Central survey team at ODI	
<i>Cleaned → Deidentified</i>	MIGNEX-wide	mxs-deid-[DATE].do	Central survey team at ODI	Includes removal of GPS data
		mxs-clean-save-[ISO]-[DATE].do		This do file runs mxs-deid-[DATE].do, and saves the deidentified country dataset.

Stage and transition	Scope	File name ¹	Who has access	Comments
4. Deidentified datasets	Country-specific	mxs-deid-[ISO]-[DATE].dta	Central survey team at ODI	
<i>Deidentified → Merged</i>	MIGNEX-wide	mxs-merge-[DATE].do	Central survey team at ODI	
5. Merged dataset	MIGNEX-wide	mxs-merge-[DATE].dta	Survey team at ODI and PRIO	
<i>Merged → Prepared</i>	MIGNEX-wide	mxs-prep-[DATE].do	Survey team at ODI and PRIO	Includes creation of key supporting variables
6. Prepared dataset	MIGNEX-wide	mxs-prep-[DATE].dta	Survey team at ODI and PRIO	
	MIGNEX-wide	mxs-variable-generation-[DATE].do		
7. Dataset used in analysis	MIGNEX-wide	mxs-prep-[DATE].dta	All MIGNEX colleagues	
<i>Prepared → Anonymised</i>	MIGNEX-wide	mxs-anon-[DATE].do	All MIGNEX colleagues	
8. Anonymised datasets	MIGNEX-wide	mignex-survey-anon-[DATE].dta	Public	

10.9 Data cleaning and preparation

10.9.1 Exporting data from SurveyCTO

Each country-level dataset is exported by the central team at ODI from the SurveyCTO server in csv format (mxs-output-[ISO]-[DATE].csv) and saved on the MIGNEX OneDrive. As previously mentioned, at the programming stage it is possible to already attach variable names and labels ready for later use in Stata.

There is then an option at the point of exporting data from SurveyCTO to also download a Stata do file (mxs-raw-[ISO]-[DATE].do)⁴, automatically generated by SurveyCTO, which names and labels (nearly)⁵ all variables in the dataset. At the point of generating the do file, it is possible to select which labels to add to the dataset in the do file. Here ‘Stata’ should be selected, so that pre-programmed Stata-ready labels are applied to the dataset.⁶

When the automatically generated country-specific raw do-file is exported from Survey CTO, it is important to first make two small changes to local directories before running the do-file: 1) change the local ‘csvfile’ to the correct file location for the output dataset and 2) change the local ‘dtafile’ to the correct file location for the raw dataset, and with the correct name for the dataset, following the conventions in 10.8. After running each country-specific raw do file with country-level ‘output’ data, country-level ‘raw’ data in dta format is created.

⁴ The Stata raw do-files were automatically generated from SurveyCTO and later used to generate the raw datasets for all countries with the exception of Pakistan and Somalia where a slightly different approach was followed and the raw dataset was generated by first converting the csv file to Stata format and then variable labels were applied.

⁵ Certain types of variables cannot be ‘pre-programmed’ through this process. These include dummy variables generated from multiple response survey items.

⁶ Note: at this stage it is possible to generate do files which apply the other labels with all of the languages used in that particular survey, based on the questions and responses in the survey. These might be beneficial for later generating descriptive statistics in other languages.

10.9.2 Data cleaning

The purpose of data cleaning is to correct for any data errors, remove incomplete observations, code non-responses, and rename/relabel variables which were not renamed/relabelled at importing stage.

At the data cleaning stage, the country-level ‘raw’ datasets transition to country-level ‘clean’ datasets. Data cleaning is conducted by the central team at ODI, using Stata. There are two levels to the data cleaning, represented by two types of cleaning do files: one is country-specific, the other is MIGNEX-wide. As far as possible, data cleaning steps are included in the MIGNEX-wide do file, applied to all country level datasets, with only steps specific to each country included in each country specific do file.

For each country-level dataset, there is additionally a ‘master’ cleaning do file (country level ‘clean’ dataset (mxs-clean-save-[ISO]-[DATE].do), which runs both the country level and MIGNEX-wide do files and saves each country level ‘clean’ dataset (mxs-clean-[ISO]-[DATE].dta). Country specific do files are run first, followed by the MIGNEX-wide do file. Each country also has a ‘master’ do file. Each type of cleaning do-file includes the following steps:

10.9.3 Country-specific cleaning

- 1. Renaming and labelling country-specific dummy variables and all variables for GHA and CPV datasets only.** Between data collection in the first two countries (Ghana and Cabo Verde) we developed the conventions for variable naming and labelling (see section 10.3). As a result, the first step in cleaning for the GHA and CPV datasets is to apply these changes. Naming and labelling for the other countries happen at a later stage, within the MIGNEX-wide cleaning stage.
- 2. Drop test interviews, duplicates and re-interviews.** Datasets may include ‘test’ interviews from enumerator training, ‘duplicate’ interviews perhaps due to an error whilst an interview was uploaded to the server and/or interviews which had to be completely re-done – or *re-interviewed*. All of these observations need to be deleted from the dataset. Observations with the same interview ID should be compared. If they are the same, and thus duplicates, the duplicate should be removed. Interview IDs are generated to include the research area, and date and time the interview form was opened. It is thus possible, in exceptional cases, for two enumerators to start an interview at the same moment, and for there to be duplicate interview IDs, even though the entries are *not* duplicated. In these cases, the interview ID for one of the observations should be edited. Using ‘text audit’ as a unique identifier, we discovered quite a few duplicate ids (y_id) for most countries, for different interviews that seemingly took place at exactly the same time or resulted in the same interview id for another reason. After confirming that these interviews were indeed distinct interviews, the interview id was edited. In the case of re-interviews, the *original* interview submission is deleted so that only the re-interview is included in the dataset.
- 3. Analyse and drop non-responses.** We track unsuccessful interview attempts, including reasons for unsuccessful interview attempts within the CAPI. We analyse these variables in order to attain information on response rates and consent rates, before removing these from the dataset. This can provide useful analytical information, for instance areas of high non-response rates could be indicative of high-out migration of young people from the area. Non-response variables are analysed, as per section 10.7.5, and tabulations of non-response descriptive statistics are generated and saved. Non-completed interviews are then dropped from the dataset, so that only completed observations remain. These are

identified by dropping all observations which do not have a ‘yes’ answer to the consent question. Moreover, we dropped those that did not have a household member in the target population, those that did not have an adult presented at all three visits and those interviews that could not be completed for other reasons (see section 10.7.6 for an analysis of non-response).

4. **Data corrections.** Another example of a data correction arises from during data collection, data managers will make any required corrections which emerge during data monitoring on the SurveyCTO platform. However, there are some corrections not possible on the SurveyCTO platform, namely if a question was skipped in the survey, it is not possible to edit the value. The data manager will inform the central team at ODI of these outstanding corrections which can be made at this data cleaning stage.
 - **Correcting for outliers.** Outliers are rare in the raw dataset, as there are few numeric questions, the CAPI survey has built in limits and checks for outliers, and potential outliers are monitored by data managers during data collection. Variables which should be checked for outliers are the GPS coordinates, which can exceptionally show impossible values. Any impossible values should be replaced as missing values.
5. **Re-code ‘other’ answers.** In the MIGNEX survey, there are several categorical questions which include an ‘other’ option, after which respondents are asked to specify their answer in free text. These answers are analysed and coded during data cleaning. There are three outcomes for a response:
 - *Recode response to an existing category.*
 - *Recode response to a new category. When a response doesn’t fit into an existing category and there is a substantial number of similar responses, a new category is created.*
 - *Leave the response in ‘Other’ category. When a response doesn’t fit into an existing category but there are not many similar responses, the response stays in the other category.*

The data cleaner will ask country teams for feedback on coding of other responses. This is an important step in order to avoid inaccurate coding, as other responses will be context specific. Country teams will also assist in translating – or confirming translations – of other answers, given that the survey is conducted in multiple languages. The data cleaner will put together an Excel file with lists of all other responses, suggested coding, suggested translation (where appropriate) and any questions, to send to country teams for feedback.

The translated ‘other’ answers in English are be added as an additional variable to the dataset. There is an Excel template prepare to assist the data cleaner with generating the Stata code to add the additional translated other answers variables, and the coding of other answers. With this template, the data cleaner can copy and paste the original text and the translated text in the first two columns of each relevant sheet, and then copy the relevant code into Stata (columns highlighted yellow or orange).

In the column highlighted green, the data cleaner can code other answers, by adding the relevant value for either an existing category, a new category, or ‘999’ to keep the answer in the ‘other’ category. It is important that the data cleaner keeps an overview of new categories added during coding of other answers, to make sure that there are no issues when merging the country datasets together later (e.g. two distinct categories with the same value erroneously being merged together as the same category). All survey values for other answer variables are kept track of in an Excel sheet The data cleaner updated this sheet regularly during data cleaning, to reflect any changes.

6. **Generate a country variable.** Ready for merging of datasets later (see 10.9.16) (see the codebook for the list of country values).
7. **Drop unused country-specific variables.** They/ drop those that will not be used later.
8. **Merge country-specific variables.** In a handful of cases, there are some variables to be merged which are country specific, and so must be done at this stage.

10.9.4 MIGNEX-wide cleaning

1. **Rename and relabel multiple choice dummy variables.** In the programming stage, it is possible to already label variables and values ready for Stata, which are then applied in an automatically-generated do-file at the raw data stage (mxs-raw-[ISO]-[DATE].do). However, variable names and labels cannot be pre-programmed for dummy variables generated by multiple choice questions.
2. **Merge variables (all countries).** In a few cases, we did not ask all respondents every question as we could derive their answer from another question. For instance, if the respondent answered that they are the household head (question A11), we did not ask them A12 (gender of household head), instead using the answer to question A20 – respondent gender. At this stage, we add answers to A12 from A20 for respondents who are the household head, so we have a complete variable for household head gender. For a handful for other questions, merging is also required. For instance, in some countries it made sense to divide one question into two due to the particular context, or translation. In this stage these variables are combined into a single variable to allow for cross country analysis.
3. **Recoding don't know and refuse to answer responses.** 'Don't know' responses are coded in the raw dataset as '777' and refuse to answer responses as '888'. These are recoded as .a and .b respectively, so that the 777 and 888 values do not skew descriptive statistics.
4. **Labelling of clusters, research areas, countries, religion, enumerators and other answers.** When additional categories have been added to some variables after recoding other answers, it is necessary to update the value labelling. Additional categories should begin with (Other) to make it clear that these are categories which did not exist in the original survey. The data cleaner should refer to the Survey-values-2021-08-27.xlsx Excel sheet and make sure that the do file includes all new categories from the Excel.
5. **Drop unused variables and re-order variables.** Variables which are empty, temporary, or will not be used in analysis are dropped. Some variables are then reordered to be logical and easy to follow for users of the dataset. Section variables are generated to delineate the dataset, again to ensure the dataset is easy to follow, these are:
 - SAMPLING
 - INTERVIEW START
 - INTERVIEW END
 - METADATA
6. **Add notes.** The full question that corresponds to each variable in the dataset is added as a note, for full transparency of how data was collected.

10.9.5 Naming of variables

Carefully planned variable naming is essential for managing a large dataset, especially with complex, long term and collaborative analysis (Long, 2009). However, variable naming is typically an underrated aspect or even afterthought in survey design (Schenk, 2019). In designing conventions for variable naming, there are several trade-offs and decisions to be made. The first one is naming method, or in other words, whether to name variables using question number, a descriptive name, or a hybrid of both. There are pros and cons to each approach. Question numbers may help users navigate a dataset, or make links with the survey instrument, meanwhile descriptive names reflect the nature of the variable, and so may be more useful and be less error prone during analysis (Schenk, 2019). The second trade-off is name length. Stata allows for up to 32 characters, but longer names are truncated in output and less convenient to work with. Long (2009) recommends a maximum length of 12 characters, however a rigid limit on characters could come at the expense of meaningfulness and usefulness of names. With this in mind, other authors have advocated for greater flexibility for variable name length, following the principle of ‘as short as possible, as long as necessary’ (Schenk, 2019).

Reflecting upon these trade-offs, we create variable names with the following standards:

- Names are ‘as short as possible, as long as necessary’ at most 20 characters long⁷
- Names are made up of a prefix which represents the survey instrument question number, a descriptive stem, and a suffix which reflects variable type (see below)
- Names contain only (lowercase) letters and numbers
- Underscores are used only to separate the suffix from the stem
- Names are consistent across the dataset

Stems are to be as long as required to be meaningful and useful, but no longer than necessary. Limited and easily understandable abbreviations can be used in stems.

Basic structure

Although Stata allows technically for 32 characters, we limit variable names to 20 characters. The 20 available characters in variable names are divided as follows:

- Prefix: 3 characters (2 characters for metadata variables)
- Stem: maximum 14 characters, with a strong preference for short stems
- Suffix: maximum 3 characters, including one underscore

Regardless of the length, the parts can be distinguished on the basis of these features:

- The prefix always starts with a lowercase letter and ends with a number
- The stem always starts with a lowercase letter
- The suffix always starts with an underscore

The basic structure of survey item names is shown in Figure 2.

⁷ <https://www.surveycro.com/best-practices/survey-variable-names/>

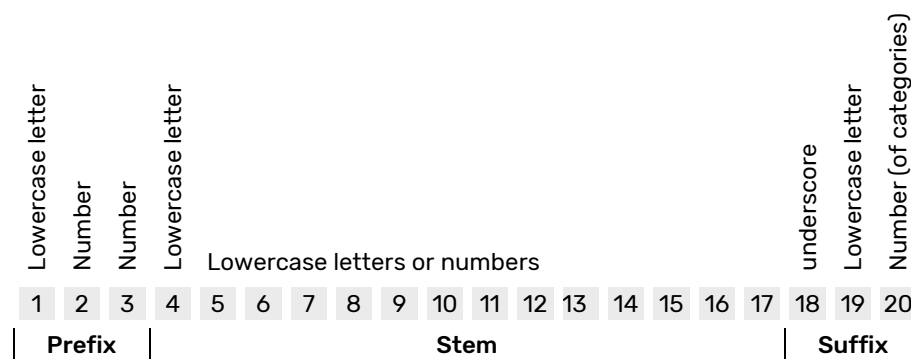


Figure 2. Basic structure of survey item names

Prefixes

All variables that are derived from one item in the survey instrument have a name that start with a prefix that identifies the relevant item. The format is always a lower-case letter followed by a two-digit number (i.e. with leading zeros for 01–09).

The same survey item can produce several variables with the same prefix, for instance, when a categorical variable is recoded into a different number of categories or a series of dummy variables.

For metadata variables, for instance timestamps, variables are prefixed with ‘z_’.

Stems

As far as possible:

1. When abbreviations are used, stems use standard abbreviations (Table 11).
2. For dummy variables (0,1), the stem describes the value of 1 (e.g. ‘female’ not ‘gender’)
3. Stems do not start with a number. This is to maintain a clear distinction from the prefix.
4. Variables that are thematically linked are consistent, so that it is clear they relate to each other. For instance, for the 5 variables relating to gender attitudes, are labelled as follows:

```
genderops
genderincome
genderedu
gendermother
genderhh
```

5. Variables representing survey items for which multiple responses were possible will be followed in the dataset by dummy variables for each possible response option. These dummy variables are also named consistently, the stem beginning with a description of the variable and ending with a description of the dummy category. For instance, the variable relating to question G04 of the survey instrument – which countries did the people the respondent know who used to live in the research area, but moved abroad during the past 5 years, go to – is a multiple response possible variable. The multiple response variable stem is ‘intmigcntry’. The stems for the following dummy variables replace ‘cntry’ with the 3-character ISO country codes of the dummy variables. E.g.:

intmigcntry
 Intmigafg
 Intmigaus
 Intmigaut
 Intmigbfa

6. Stems should be ‘short and sweet and to the point’ (Schenk, 2019). Preference is given to single words which reflect the key element of the variable, which separates it from others in the dataset, as opposed to abbreviating all parts of the question. As such, ‘hh’ (household) is not required in all questions that relate to the household, unless it is central to the meaning, for instance hhsz (household size), or if there are both individual level and household level variables for the same concept, and thus ‘hh’ differentiates the two variables. For instance, the variable that relates to household receipt of remittances during the past year can be simply represented by the stem ‘remit,’ since we don’t have separate questions for individual and household remittances, and also don’t have anything about remittance sending and therefore don’t need to specify ‘hh’ or ‘receive’.

Table 11. Standard abbreviations used in stems of variable names

asp	aspiration	fin	financial	pref	prefer
att	attitudes	frq	frequency	prep	prepare
biz	business	fut	future	prim	primary school
chg	change	gvt	government	qual	quality
chn	children	hh	household	r2a	refuse to answer
cmpgn	campaign	hhh	head of household	ra	research area
cntry	country(ies)	hhm	household member	rec	receive
contrib	contribute	imp	importance	reg	regularly
cur	current	int	international	resp	respondent
dep	deprivation	intrvw	interview	sat	satisfied, satisfaction
dk	don’t know	lang	language	sts	status
edu	education, educational	lvgstn	living standards	sb	somebody
elec	electricity	mig	migration	seco	secondary school
elig	eligibility	min	minutes	situ	situation
env	environment, environmental	mkt	market	sp	social protection
evr	ever	msg	message	succ	success
ew	elsewhere	nr	non-response	tl	total
exp	expect	opps	opportunities	val	value
fam	family	org	organise	viol	violence
ff	family and friends	part	participate, participated	wom	women
		pass	passport	yr	year, years

Stems for new variables without a prefix

Variables that are not derived from a single survey item have no prefix and have the same naming principles as for stems in general (e.g. no underscores, no capital letters, do not start with a number, and standard abbreviations where possible). In addition, follow these principles:

- The name should be intuitive
- Never lead with a single letter and two numbers, which would resemble survey item IDs
- Never lead with the prefixes of other MIGNEX data elements

Suffixes

Suffixes describe the data format or scale. They always start with an underscore, followed by a single lowercase letter, which is a standard abbreviation (Table 12). For categorical variables with between 3 and 9 categories (not including ‘don’t know’ and ‘refuse to answer’ responses), a number can be added to the suffix to reflect this, e.g. `_c5` for a categorical variable with 5 categories.

Table 12. Standard abbreviations used in suffixes of variable names

<code>_c</code>	Categorical variable
<code>_c3 ... _c9</code>	Categorical variable with 3–9 non-missing values
<code>_d</code>	Dummy variable with 0 (no) and 1 (yes) as the only non-missing values; missing values recoded where possible; ‘don’t know’ recorded as missing
<code>_dy</code>	Dummy variable (as above); ‘don’t know’ combined with ‘yes’
<code>_dn</code>	Dummy variable (as above); ‘don’t know’ combined with ‘no’
<code>_o</code>	Other free text
<code>_q5</code>	Quintiles (and similarly for other quantiles, e.g. <code>_q10</code> for deciles)
<code>_n</code>	Numerical
<code>_g</code>	GPS
<code>_t</code>	Date or time
<code>_m</code>	Multiple answers possible, dummy variables to follow
<code>...r</code>	Reversed variable (see 10.9.7)
<code>_ra</code>	Variable aggregated at the research level (i.e. with the same value for all respondents in RA)

10.9.6 Labelling of variables

Similar to variable naming, conventions for variable labelling are also an important component. Inaccurately named variables can risk misinterpreted data. Since MIGNEX data will be publicly available at the completion of the project, accurate labels are therefore essential to avoid nuances being lost and, at worst, unfounded conclusions being drawn. Stata allows for up to 80 characters however longer labels are truncated in outputs. There is thus a trade-off in labelling variables between accuracy and brevity. With this in mind, we label variables with the following standards:

- Labels are maximum 80 characters
- Labels are as long as necessary to prevent misinterpretation
- Labels are written in sentence case (beginning with a capital letter)

Labels differ in style depending on the type of variable:

1. Labels for dummy variables (0, 1) contain a verb and describe the meaning of 1. When the respondent is the subject of the sentence, ‘respondent’ can be omitted unless it is needed for clarity. For variables that capture an attitude, it is essential to be as accurate as possible within the 80-character limit so as to not lose nuance. Examples are:

Sees opportunities as equal for men and women
 Agrees that when people migrate, it makes life harder for those who stay behind
 Has participated in TVET (past 5 years)
 Head of household is female
 Is head of household

2. Labels for categorical variables with Likert responses begin with the scale measure (e.g. importance, quality, frequency, level, assessment). Examples are:

Possibility of earning living and feeding a family in research area
 Importance of school for children's future
 Level of trust in police
 Quality of formal health care in research area
 Frequency respondent shares faith with others
 Usefulness of TVET skills for earning income
 Assessment of general health
 Performance of new business

3. Labels for categorical variables which refer to a direction of change or a future prediction of change, begin with either 'future' or 'change' the scale measure (e.g. reliability, quality). The label contains the geographical and time measure in brackets, if appropriate.

Examples are:

Change in quality of formal health care (past 5 years)
 Change in reliability of water source (5 years ago)

4. Labels for other types of categorical variables.

Type of toilet
 Spending of imaginary gift money
 Income source second most important to household

5. Labels for free text 'please specify other' variables start with 'Other' and are consistent with the categorical variable it follows. For example:

Other type of toilet

6. Labels for numerical variables must include the unit of measure. Examples are:

Number of years ago respondent arrived in country
 Number of rooms in house
 Age of respondent's youngest child in household
 Number of minutes' walk to nearest marketplace

7. Labels for the discreet numerical variables on a scale of 1-10, and captured via the 'card' questions, are to be begin with 'Level' or 'Perception' and include the scale in brackets.

These questions include:

Level of household relative deprivation (1= poorest, 10=richest)
 Level of life satisfaction (1=dissatisfied, 10=satisfied)
 Perception of local government (1=terrible, 10=excellent)

10.9.7 Reversed variables

During analyses, it may be necessary or convenient to create reverse variants of variables, e.g. a dummy variable where 0 is recoded to 1 and vice-versa. Their are named and labels are handled as follows:

- *Variable names* have r added at the end of the suffix, e.g. _dr for a reversed dummy.
- *Variable labels* stay the same but have (reversed) added at the end.

10.9.8 Data de-identification

The objective of de-identification is to remove information that might directly identify respondents. After de-identification, *the data is still not anonymised*, and need to be handled confidentially. This is because individual respondents might still be indirectly identifiable through combinations of detailed data.

There is one type of variable which needs to be removed at the de-identification stage, namely GPS coordinates. In Stata, one MIGNEX-wide do file (mxs-deid-[DATE].do) transitions country level ‘clean’ datasets to ‘deid’ datasets, see 10.8.3.

10.9.9 Data preparation

Data preparation covers the step from the original survey data (cleaned and de-identified) to data that are ready for basic analysis. Additions at this stage include sampling weights and selected generated and composite variables. The following principles were applied:

- No new variables are added before the data preparation stage
- All variables added at the data preparation stage are included in public data sets
- Variables are *not* added at the data preparation stage if they represent analytical contributions and/or are only relevant to specific analyses

10.9.10 Country-specific preparation

The main step in the country-specific do file is applying household weights, and calculating individual weights (see section 10.10).

Sampling characteristics for all 26 research areas, including stratum, number of households and clusters sampled are found in the following Excel file:

PRI0\MIGNEX – WP03-collab\Survey-sampling\Weights\Survey weights formulas-2022-02-03.xlsx

This Excel file is then imported into Stata format for each research area separately. Household weights are then applied to each cluster in the Stata do file, variable: *y_hhweight*. Once household weights are applied, it is then possible to calculate individual weights in these do files, as per section 10.10 on *Weights*. First the target population is calculated, before the individual weights variable: *y_indivweight*.

In addition, the asset index is created at this stage (see section 10.11.3).

10.9.11 MIGNEX-wide preparation

In the MIGNEX-wide preparation do file, there are a handful of steps:

- Creating strata variable in preparation for applying weights during analysis (see 10.11).
- Creating prepared variables (see section 10.11.2).
- Drop some sampling variables which are no longer useful for analysis.

10.9.12 Data merging

The survey has been designed with cross-country consistency and comparability as a key objective. The general principle is therefore that the MIGNEX survey consists of a single dataset covering ten countries.

While country-level datasets were prepared during the data collection stage when some countries completed data collection a lot earlier, these are redundant with the preparation of the MIGNEX dataset. Therefore, the only version of the survey will be the MIGNEX Survey Dataset, even for those doing an analysis on a single country or research area (see also section 10.13.2 on citation).

Following the preparation stage, the datasets are then merged. Datasets are merged within the relevant sub folders (E.g. 4-Deidentified or 5-Prepared) of the 'All countries data' folder. Merging do files are labelled with 'merge' and merged datasets are named with all of the country IDs in the title, e.g.:

```
mxs-prep-merge-2021-08-11.do  
mxs-prep-merge-CPV-GHA-TUN-GIN-2021-10-18.dta
```

10.10 Calculation of weights

We calculate and apply survey weights to our data based on our three-stage probability-proportional-to-size (PPS) cluster sampling strategy with systematic random walks.⁸ At the first stage, clusters are drawn with probability proportional to size. At the second stage, households are sampled using a random walk. Households with no eligible members are immediately discarded. And at the third stage, individuals aged 18-39 are drawn randomly from a list of eligible members in the household. Given that we used probability sampling methods, we are able to calculate the probability of selection and correct for sampling design through weights.

We calculate two types of weights: household weights, and individual weights. Both household weights and individual weights are calculated directly in Stata. As individual weights depend on household weights, our methodology for calculating household weights is first outlined below, followed by individual weights.

Before detailing our approach to weights, it merits mention that we have assumed that any household in a cluster has the same probability of selection. While this would hold if households were drawn from an exact list of households, it may not be true for the random walk. We chose a random walk procedure since current and correct population lists are usually not available. It is an advantage of a random walk that enumerators can verify in the field which dwellings are inhabited, and by how many households, and thereby also sample households that, for various reasons, are not officially registered.

Random walk instructions may systematically affect selection probabilities (Bauer, 2014, 2016; Himelin et al., 2016). As Bauer (2014: pp. 539) points out if selection probabilities correlate with specific variables of interest, a systematic error solely related to the sampling procedure can be expected.

In the MIGNEX survey, the likelihood of such systematic biases was reduced by means of an unusually detailed random walk protocol that ensured spatial dispersal, avoided bias towards main roads, and reduced the scope for enumerator discretion to a minimum. The random walk procedure was also the subject of extensive training. We hold it to be a reasonable assumption that the random walk produced a near-random sample of households within each cluster.

However, we did not interview respondents from all households within a cluster, only from those who have at least one household member aged 18-39. This is taken into account in our calculation of weights, as explained below.

10.10.1 Household weights

Two basic principles guide our weight calculations. Firstly, and definitionally, a weight is the inverse of the probability with which the relevant observation unit, a household or an

⁸ Thanks are due to Rashid Memon, who provided useful inputs into this process.

individual is selected. And secondly, the probability that a household is selected in a cluster sample is the product of the probability with which a cluster is selected and the conditional probability of selecting a household given that the cluster has already been selected.

It is this latter probability that requires a bit of adjustment to account for the fact that we only interviewed respondents in households with a target population household member. The conditional probability of selecting a household depends on whether they have a household member aged 18-39. This is not data we had when setting out to do the data collection, we only had the estimated number of households per cluster (see section 10.7.5). However, from our data collection we know the share of households that were not enumerated because the household members were *not* aged 18-39. We apply this share to the estimated number of households in the cluster to get the estimated number of households with a target population household member in each cluster. This is then used to calculate the conditional probability of selecting a household.

We start with an Excel file, which contains the main sampling information and variables needed to estimate household weights on separate Excel sheets for each of the 26 MIGNEX research areas. We import the relevant research area Excel sheet data into Stata format to then proceed and estimate the household weights directly in Stata, and repeat this process for all 26 research areas. Given that Stata requires naming variables in a specific format, Table 13 below details the variable names used in Stata and the corresponding description of the variable for reference to the different weight-estimation steps provided below.

Table 13. Stata names and descriptions for variables used to construct weights

Stata variable name	Description
Clustername	Cluster name
hhestimate	Number of estimated households per cluster
hhestimatetarget	Number of estimated households with a target population household member per cluster
clusterssampled	Number of sampled (selected) clusters in research area when sampling <i>without</i> stratification or within stratum when sampling <i>with</i> stratification
Selected	Dichotomous variable indicating whether cluster was selected or not (1 if selected; 0 otherwise)
SampleSize	Number of interviews per cluster
sumhouseholds	Total estimated number of households in research area when sampling <i>without</i> stratification or within stratum when sampling <i>with</i> stratification
prclustersselected	Probability of selecting a cluster
condiprhhselected	Conditional probability that a household is selected in a given cluster
prhhselected	Probability that a household is selected
y_hhweight	Household weight
men1839_n	Total number of men in target population (ages 18 to 39) within household
wom1839_n	Total number of women in target population (ages 18 to 39) within household
tl1839_n	Total number of individuals (men and women) in target population (ages 18 to 39) within household
condiprindselected	Conditional probability of sampling an individual
temp_prob2	Probability of selecting a household
prindselected	Probability of sampling an individual
y_indivweight	Individual weight

Figure 3 shows a snapshot of an example of household weights calculations for a MIGNEX research area in Shahrake Mahdia, Afghanistan. In the case of Shahrake Mahdia, we have 66 clusters, of which 25 are sampled via PPS. The total number of estimated households is 17,717. Columns 1 & 2 in the screenshot below identify cluster names and the number of households in each cluster.

Figure 3. Example of household weights calculation in Stata, Shahrake Mahdia, Afghanistan

Clustername	hhestimate	clusterssampled	Selected	SampleSize	hhestimatetarget	sumhouseholds	prclustersselected	condiprhselected	prhselected	y_hweight
Central 1	184	25	0	0	.	17717	.2596376	.	.	.
Central 2	251	25	1	21	219.5	17717	.3541796	.095672	.0338851	29.51153
Central 3	245	25	0	0	.	17717	.3457132	.	.	.
Central West 1	261	25	0	0	.	17717	.3682903	.	.	.
North 1	153	25	1	23	153	17717	.2158943	.1503268	.0324547	30.81217
North 2	304	25	0	0	.	17717	.4289665	.	.	.
North 3	290	25	1	22	263	17717	.4092115	.0836502	.0342306	29.21361
North 4	185	25	0	0	.	17717	.2610487	.	.	.
North 5	386	25	0	0	.	17717	.5446746	.	.	.
North Central 1	293	25	1	23	293	17717	.4134447	.0784983	.0324547	30.81217
North Central 10	249	25	0	0	.	17717	.3513575	.	.	.
North Central 11	276	25	0	0	.	17717	.3894565	.	.	.
North Central 2	356	25	1	21	356	17717	.5023424	.0589888	.0296326	33.74667
North Central 3	228	25	0	0	.	17717	.3217249	.	.	.
North Central 4	362	25	1	21	362	17717	.5108088	.0580111	.0296326	33.74667
North Central 5	364	25	0	0	.	17717	.513631	.	.	.
North Central 6	356	25	1	23	342.5	17717	.5023424	.0671533	.0337339	29.64373
North Central 7	228	25	0	0	.	17717	.3217249	.	.	.
North Central 8	393	25	1	21	361.5	17717	.5545521	.0580913	.0322146	31.04178
North Central 9	220	25	0	0	.	17717	.3104363	.	.	.
North Central East 1	356	25	1	22	356	17717	.5023424	.0617978	.0310436	32.21273
North Central East 2a	171	25	0	0	.	17717	.2412937	.	.	.
North Central East 2b	245	25	0	0	.	17717	.3457132	.	.	.
North Central East 3	304	25	1	21	291	17717	.4289665	.0721649	.0309563	32.30355
North Central West 1	335	25	0	0	.	17717	.4727098	.	.	.
North Central West 2	399	25	1	22	370.5	17717	.5630186	.0593792	.0334316	29.91182
North Central West 3	355	25	0	0	.	17717	.5009313	.	.	.
North Central West 4	273	25	0	0	.	17717	.3852232	.	.	.
North East 1a	219	25	1	22	219	17717	.3090252	.1004566	.0310436	32.21273
North East 1b	190	25	0	0	.	17717	.2681041	.	.	.

The following steps are applied to calculate household weights:

1. First, we calculate the probability of selecting a cluster (column 8), based on PPS with the following formula:

Probability of selecting a cluster = (number of households per cluster × number of sampled (selected) clusters in research area) / total estimated number of households in research area

In the example of Shahrake Mahdia, for cluster ‘Central 2’, this would be $25 \times 251 / 17717 = 0.3541$. As we sampled with replacement with PPS, it was possible to draw the same cluster more than once. Some clusters were in fact selected twice. This does not impact this first step of the weight estimation process but it is accounted for in the second step as described below.

2. The second step is to calculate the probability that a household is sampled within a given cluster. We do this in two steps.
 - a. We first calculate the conditional probability that a household is selected (column 8), using the following formula:

Conditional probability a household is selected in a given cluster = Number of interviews per cluster / Number of households with target population household member per cluster

For cluster “Central 2”, this is $21/219.5 = 0.095672$. For clusters that were selected twice, there were twice as many interviews carried out in those clusters compared to those that were only selected once. In turn, those households have a higher conditional probability of been selected

in a given cluster, which accounts for these clusters having a higher representation in the sample.

- b. We then calculate the probability that a household is selected (column 10). This is simply the product of the probability of selecting a cluster (column 8) and the conditional probability that a household is sampled in that cluster (column 9):

Probability a household is selected = Probability of selecting a cluster × Conditional probability a household is selected in a given cluster

For cluster “Central 2”, this is $0.3541 \times 0.095672 = 0.03387$.

3. Finally, we calculate the household weight (column 10), by simply inverting the probability of sampling a household, or 0.0296

Household weight = $1 / \text{probability a household is selected}$

For cluster “Central 2”, this is $1/0.03387 = 29.51153$.

Household weights with stratification

In most research areas, we have a stratified sample, for instance in cases where the population in certain clusters is more marginalised than the rest of the research area, and as such stratification ensures that the different strata within the research area are represented in our sample.

Figure 4 shows a screenshot of household weights calculations with stratification for one MIGNEX research area: Youhanabad in Pakistan. In Youhanabad, we have three strata (A, B and C). There are an estimated of 422 households in stratum A, 2,150 households in stratum B, and 1,947 households in stratum C. This means the total number of estimated households for Youhanabad is $422 + 2,150 + 1,947 = 4,519$.

Figure 4. Example of household weights calculation with stratification in Stata, Youhanabad

Clustername	Strata	hhestimate	clusterssampled	Selected	SampleSize	hhestimatetarget	sumhouseholds	prclustersselected	condiprhselected	prhhselected	y_hhweight
Cluster 18	A	152	3	1	21	152	422	1.080569	.1381579	.1492891	6.698413
Cluster 19	A	157	3	1	29	157	422	1.116114	.1847134	.2061611	4.850574
Cluster 20	A	113	3	1	18	113	422	.8033175	.159292	.1279621	7.814814
Cluster 1	B	103	12	1	21	98.5	2150	.5748837	.213198	.122564	8.159
Cluster 10	B	110	12	0	0	.	2150	.6139535	.	.	.
Cluster 11	B	105	12	1	22	105	2150	.5860465	.2095238	.1227907	8.143939
Cluster 12	B	109	12	0	0	.	2150	.6083721	.	.	.
Cluster 13	B	116	12	1	21	116	2150	.6474419	.1810345	.1172093	8.531746
Cluster 14	B	157	12	1	20	157	2150	.8762791	.1273885	.1116279	8.958333
Cluster 15	B	146	12	1	20	146	2150	.8148837	.1369863	.1116279	8.958333
Cluster 16	B	148	12	1	14	148	2150	.8260465	.0945946	.0781395	12.79762
Cluster 17	B	107	12	0	0	.	2150	.5972093	.	.	.
Cluster 2	B	105	12	1	20	105	2150	.5860465	.1904762	.1116279	8.958333
Cluster 3	B	135	12	1	20	122.5	2150	.7534884	.1632653	.1230185	8.128859
Cluster 4	B	118	12	0	0	.	2150	.6586046	.	.	.
Cluster 5	B	145	12	1	23	139	2150	.8093023	.1654676	.1339133	7.467517
Cluster 6	B	148	12	1	19	148	2150	.8260465	.1283784	.1060465	9.429825
Cluster 7	B	159	12	1	17	159	2150	.8874419	.1069182	.0948837	10.53922
Cluster 8	B	118	12	0	0	.	2150	.6586046	.	.	.
Cluster 9	B	121	12	1	20	121	2150	.6753488	.1652893	.1116279	8.958334
Cluster 21	C	108	11	1	20	103	1947	.6101695	.1941748	.1184795	8.440278
Cluster 22	C	104	11	1	20	104	1947	.5875706	.1923077	.1129944	8.85
Cluster 23	C	111	11	0	0	.	1947	.6271186	.	.	.
Cluster 24	C	158	11	1	20	158	1947	.8926554	.1265823	.1129944	8.85
Cluster 25	C	169	11	1	22	169	1947	.9548023	.1301775	.1242938	8.045455
Cluster 26	C	117	11	1	21	113	1947	.6610169	.1858407	.1228439	8.140415
Cluster 27	C	129	11	1	17	129	1947	.7288136	.1317829	.0960452	10.41176
Cluster 28	C	161	11	0	0	.	1947	.9096045	.	.	.
Cluster 29	C	121	11	1	19	121	1947	.6836158	.1570248	.1073446	9.315789
Cluster 30	C	159	11	1	20	151.5	1947	.8983051	.1320132	.1185881	8.432548

We calculate household weights as before, but the probability of selecting a cluster is dependent on the number of sampled clusters in the given *stratum* rather than the overall number of sampled clusters in the entire research area. In other words, for stratified sampling, Step 1 of the household weight estimation process is now calculated as follows:

$$\text{Probability of selecting a cluster (in a stratum)} = (\text{number of households per cluster} \times \text{number of sampled (selected) clusters in stratum}) / \text{total estimated number of households in stratum}$$

For the example in Figure 4, this means that the probability of “Cluster 1” from Stratum B) being sampled is $103 \times 12 / 2,150 = 0.5748$.

All other calculations are the same as with unstratified samples.

The process of estimating weights for households that were part of the survey may sometimes lead to severe outliers. To account for this, we implemented a trimming process at the household level to ensure that the household weight would not exceed a defined threshold. There are several ways to define such a threshold as identified by Potter and Zheng (2015). For simplicity and accuracy reasons we opt to define the maximum possible household weight as the median value of the household weight per research area plus 5 times its inter-quartile range. When values of the household weight higher than this threshold were found, we replace the original value of the household weight by its threshold (this is the median plus 5 times interquartile range). We only found some outliers and had to proceed with the replacements for some household in two research areas: Enfidha and Redeyef.

10.10.2 Individual weights

Once household weights are calculated, we can next estimate weights for individual respondents within the household. In the third stage of sampling for the MIGNEX survey, we randomly select a respondent from the eligible target population (aged 18-29 years old) within the household. Our method for doing so is outlined in MHC7 (see Hagen-Zanker et al., 2020).

We first merge the dataset that contains household weights with the individual-level deidentified dataset for the respective country using as merging identifiers the research area and cluster if sample is not stratified and research area, cluster and stratum if sample is stratified. Figure 4 shows an example of how we calculate individual weights in Stata. For continuity from the previous household weight estimation sub-section, we use as an example the same research area used before: Youhanabad and calculate individual weights for “Cluster 1” of Stratum B, ID of respondent = PAK3-19140125 (first on the list). We calculate individual level weights using the household weight (for the cluster), and number of target population in each household. In “Cluster 1” stratum B for Youhanabad, the household weight (column 4) is 8.159. Column 3 is the unique interview ID for each respondent, and since one respondent is sampled from each household, this can also be considered a unique identifier for each household. The total number of the target population in each household is given in column 7.

Figure 5. Example of individual weights calculation in Stata, Youhanabad

Clustername	Strata	y_id	y_hhweight	men1839_n	wom1839_n	t11839_n	condiprindselected	prhhselected	prindselected	y_indivweight
Cluster 1	B	PAK3-01150220	8.159	1	0	1		.122564	.122564	8.159
Cluster 1	B	PAK3-01140211	8.159	4	1	5		.122564	.0245128	40.795
Cluster 1	B	PAK3-19140125	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-01120216	8.159	3	0	3	.3333333	.122564	.0408547	24.477
Cluster 1	B	PAK3-01120231	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-19150104	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-01150201	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-01160206	8.159	2	1	3	.3333333	.122564	.0408547	24.477
Cluster 1	B	PAK3-01150212	8.159	0	1	1		.122564	.122564	8.159
Cluster 1	B	PAK3-01100224	8.159	2	1	3	.3333333	.122564	.0408547	24.477
Cluster 1	B	PAK3-19160118	8.159	2	0	2		.122564	.061282	16.318
Cluster 1	B	PAK3-21170140	8.159	2	2	4	.25	.122564	.030641	32.636
Cluster 1	B	PAK3-01140233	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-19120148	8.159	1	0	1		.122564	.122564	8.159
Cluster 1	B	PAK3-01130233	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-01130204	8.159	2	0	2		.122564	.061282	16.318
Cluster 1	B	PAK3-01110217	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-19120152	8.159	1	1	2		.122564	.061282	16.318
Cluster 1	B	PAK3-21120117	8.159	2	1	3	.3333333	.122564	.0408547	24.477
Cluster 1	B	PAK3-01110222	8.159	1	20	21	.047619	.122564	.0058364	171.339
Cluster 1	B	PAK3-21140106	8.159	1	1	2		.122564	.061282	16.318
Cluster 2	B	PAK3-04110228	8.958333	2	1	3	.3333333	.1116279	.0372093	26.875
Cluster 2	B	PAK3-19140141	8.958333	1	1	2		.1116279	.055814	17.91667
Cluster 2	B	PAK3-05120254	8.958333	2	2	4	.25	.1116279	.027907	35.83333
Cluster 2	B	PAK3-06130238	8.958333	1	2	3	.3333333	.1116279	.0372093	26.875
Cluster 2	B	PAK3-05130246	8.958333	1	1	2		.1116279	.055814	17.91667
Cluster 2	B	PAK3-05120256	8.958333	1	1	2		.1116279	.055814	17.91667
Cluster 2	B	PAK3-05130244	8.958333	2	0	2		.1116279	.055814	17.91667
Cluster 2	B	PAK3-06110226	8.958333	1	1	2		.1116279	.055814	17.91667
Cluster 2	B	PAK3-05120201	8.958333	2	2	4	.25	.1116279	.027907	35.83333
Cluster 2	B	PAK3-06120248	8.958333	1	1	2		.1116279	.055814	17.91667
Cluster 2	B	PAK3-06140221	8.958333	2	3	5	.2	.1116279	.0223256	44.79166

1. The first step to calculate individual level weights is to calculate the conditional probability of sampling an individual (column 8) by the formula:

Conditional probability a respondent is sampled = 1/total number of individuals in target population (ages 18 to 39) within household.

The total number of individuals in target population (column 7) is given by the sum of all men (column 5) and women (column 6) in target population (ages 18 to 39) in the household. For the example in Figure 5, for the individual ID PAK3-19140125 the conditional probability of selecting an individual is simply $1/2 = 0.50$.

2. We already estimated the probability of selecting a household in the previous section which is 0.122564 (column 9)
3. The next step is to calculate the unconditional probability of sampling an individual (column 10), which is simply the product of the probability of sampling a household (in the cluster) and the probability of sampling a respondent (in the household):

Unconditional probability of sampling an individual = Conditional probability a respondent is sampled × Probability of selecting a household

In the example, this is $0.50 \times 0.122564 = 0.061282$

Finally, the individual weight is simply the inverse of the unconditional probability of sampling an individual. For Interview ID PAK3-19140125, the individual weight is $1/0.061282 = 16.318005$.

For individual weights, we cannot check the accuracy of the weights as we do not have any data on the total population size of the target population within each cluster. This means that we need to bear in mind the general assumption that our sampling process was completed rigorously within each cluster, i.e. that the random walks were conducted well.

We still prefer using individual weights in the analysis over household weights to account for the number of people they ‘represent’ in the cluster. By using individual weights, we assume that household members within one household are similar and the respondent is a representation of the relevant age group in that household. If we used only household weights (individual weights include a household weight component) we would be treating households of different sizes equally (a household in a cluster with 4 eligible respondents would have the same weight as a household with one eligible respondent).

As with the household weights, the process of estimating weights for individuals may sometimes lead to severe outliers. To account for this, we implemented a trimming process at the individual level too, to ensure that the individual weight would not exceed a defined threshold. For simplicity and accuracy reasons we opt to define the maximum possible individual weight as the median value of the individual weight per research area plus 5 times its inter-quartile range. When values of the individual weight higher than this threshold were found, we replace the original value of the individual weight by its threshold (this is the median plus 5 times interquartile range).

10.10.3 Research area correction

Much of the analysis of the MIGNEX survey data will be done separately by research area, for which we have samples that are approximately representative of the 18-39-year-old population. The pooled sample from 25 research areas, by contrast, is not representative of any larger population. For some analyses, it may nevertheless be pertinent to examine prevailing patterns by using the pooled data set and controlling for research area. (Pooled analyses should exclude Kombolcha (ETH1), where the sample is incomplete.)

Research areas should have equal influence in the pooled data, each one accounting for 4% of the sample. There are two reasons why a correction is needed to obtain this outcome.

First, the weighting procedures described above dramatically alter the relative influence of each research area. Second, the actual samples deviated slightly from the target of 500, ranging from 496 to 567. Neither of these distortions represent substantive differences between research areas that should be allowed to affect the analyses. To correct for the distortions, we calculate a factor that balances out the research areas so that each represents exactly 4% of the pooled sample (Table 14). See Annex 4 for technical documentation.

The research area correction factor is multiplied with the individual weight `y_indivweight` to produce the adjusted weight `y_adj_weight`. By declaring the survey design in Stata with `y_adj_weight` rather than `y_indivweight`, we ensure that the dataset can be used for both research-area-level analyses and pooled analyses. The correction does not alter our general recommendation against pooling the data at the country level.

Table 14. Correction of research area proportions in the pooled sample

Research area name	Research area ID	Distribution of pooled sample (%)		
		Without weighting	With household and individual weights only	With research area correction
Gbane	GHA1	3.9	1.7	4.0
Golf City	GHA2	4.0	3.3	4.0
New Takoradi	GHA3	3.9	2.0	4.0
São Nicolau	CPV1	3.9	1.6	4.0
Boa Vista	CVP2	4.0	1.7	4.0
Hopa	TUR1	4.2	1.4	4.0
Yenice	TUR2	4.2	0.9	4.0
Kilis	TUR3	4.1	5.9	4.0
Shahrake Jabrael	AFG1	4.1	7.7	4.0
Behsud	AFG2	4.4	12.7	4.0
Shahrake Mahdia	AFG3	4.1	8.4	4.0
Erigavo	SOM1	3.9	2.6	4.0
Baidoa	SOM2	4.0	11.8	4.0
Boffa	GIN1	3.9	2.8	4.0
Dialakoro	GIN2	3.9	5.9	4.0
Enfidha	TUN1	3.9	1.3	4.0
Redeyef	TUN2	4.0	2.2	4.0
Down Quarters	NGA1	3.9	2.1	4.0
Awe	NGA2	3.9	1.7	4.0
Ekpoma	NGA3	3.9	5.2	4.0
Batu	ETH2	4.2	7.7	4.0
Moyale	ETH3	4.1	5.4	4.0
Chot Dheeran	PAK1	3.9	5.4	4.0
Youhanabad	PAK2	4.1	0.4	4.0
Keti Bandar	PAK3	3.8	2.6	4.0
Total		100.0	100.0	100.0

Note: Kombolcha (ETH1) is excluded.

10.11 Generation of additional variables

To aid the analysis, a number of generated variables have been created. These either take the form of summarising variables (e.g. age categories, household size) or variations of filtered survey items (e.g. *young adults* who have a valid passport, in addition to the survey item measuring who has a valid passport out of those who ever had a passport). These generated variables are those variables we expect to be used widely in any analysis using the MIGNEX survey data. As such, these variables have been created both to make the dataset easier to use and to ensure consistency in the usage of the data.

10.11.1 Naming, placement, and documentation

The following sections of this chapter explains the rationale for different types of generated variables, gives examples, and lists the variables that have been generated. The technical documentation of each variable is provided in Annex 4. We advise people using the generated variables to review the technical documentation to understand how a particular variable has been defined.

The names of generated variables follow the general variable naming rules (see section 10.9.5) with the exception that there is no prefix indicating the survey item. Many of the generated variables are based on more than one item.

Generated variables are placed directly after the last variable that provided input to it. So, for instance, the new variable `cohabstat_c3` “Cohabital status” is based on `a02married_d` and `a04cohabits_d` and is placed directly after `a04cohabits_d`.

10.11.2 Dummy variables from multiple-response items

Eight survey items allowed for more than one response (Table 14). They yield string variables that list the responses and are unwieldy for analysis. In each case, the dataset therefore also includes a series of dummy variables – one for each possible response – that reproduce the data in a more convenient form, as explained in the example below.

Table 15. Multiple-response survey items

Survey item	Variable name	Variable label
A05	<code>a05chdlang_m</code>	Language spoken at home as child
D03	<code>d03hlthnocare_m</code>	Reason household member did not receive formal health care
F02	<code>f02ffcny_m</code>	Country(ies) migrant family/relatives/friends live in
F05	<code>f05ffretncny_m</code>	Country(ies) returnee family/relatives/friends lived in
G04	<code>g04intmigcny_m</code>	Country(ies) migrants from research area went to
H11	<code>h11livedcny_m</code>	Country(ies) lived in for at least one year
K09	<code>k09dangerhelp_m</code>	Source of help if threatened or in danger
O21	<code>o21intrvwlang_m</code>	Interview language

Note: In addition, four survey items mistakenly allowed for multiple responses in Tunisia only. These resulted in the Tunisia-specific variables `g17cmpgnmsgtun_m`, `g18cmpgnorgtun_m`, `i10moneyobtain_tun_m` and `i30giftspend_tun_m`.

In most cases, the multiple-response item is asked to a subset of respondents, depending on their previous responses. For instance, F1 ‘Do you have any family members, relatives or friends who live in another country?’ is followed by F2 ‘In which countries?’ that allows for multiple responses. Since F2 was only asked to respondents who answered ‘yes’ to F1, each of the dummy variables initially produced results such as this:

```
. tab f02ffcny_d, miss

      Has |
family/rela |
tive/friend |
(s) living |
in Canada |   Freq.   Percent   Cum
-----+-----
      No |    6,733    51.12    51.12
      Yes |     384     2.92    54.03
      . |    6,055    45.97   100.00
-----+-----
Total |   13,172   100.00
```

The ‘no’ answers are respondents who do have family, relatives, or friends abroad, but not in Canada. The system-missing answers (.) are the respondents who answered ‘no’ to F1 because they have no family, relatives, or friends abroad, and who were therefore never asked F2. In

other words, the missing responses also represent ‘no’, except for respondents who answered ‘don’t know’ or ‘refuse to answer’ to either F1 or F2.

We make the variable consistent with the survey instrument:

```
. recode f02ffcan_d (. = 0) if          !missing(f01ffabroad_d, f02ffcntry_m)
```

And verify the result (with the remaining 14 missing answers being those who did not answer F1):

```
. tab f02ffcan_d, miss
```

Has family/rela tive/friend (s) living in Canada	Freq.	Percent	Cum
No	12,774	96.98	96.98
Yes	384	2.92	99.89
.	14	0.11	100.00
Tot al	13,172	100.00	

In doing so, we make a deliberate exception to the rule-of-thumb that existing variables should not be recoded. This is because `f02ffcan_d` was meaningless in its original form and should not be used for analysis, and because we would not want a second set of country dummy variables for F02.

10.11.3 Recoded variables drawing on one survey item

There are six survey items in the dataset that may not necessarily be useful in its current form, in all types of analysis. They have been recoded into a new binary or categorical variable, see list of new variables in Table 16. For instance, while specific age in numerical form may be relevant in some types of analysis, in other cases a categorical variable is more useful.

Survey item E13 on the respondent’s religion was tailored to the specific context of each research area. As a result, the variable `e13religion_c` has 22 different categories, with some as small as four responses. While some research area level analysis may focus specifically on the role of different religions, in many analyses broader categories will be more relevant.

Therefore, we have created a new variable with only five categories, `religion_c5`, for instance all Muslim sects were combined into one category.

Similarly, for B02 (current work situation), a more focused variable can be useful in some analyses and a new binary variable was created to account for the respondent working, comprising of responses (employed and receiving a salary, farming fishing rearing animals, working on your own account and business or doing casual work).

Current work situation	Freq.	Percent	Cum.
Employed and receive a salary	2,393	18.19	18.19
Farming fishing rearing animals	1,017	7.73	25.92
Working on your own account running a b	1,981	15.06	40.98
Studying	1,790	13.61	54.59
Unemployed	2,693	20.47	75.06
Not working because of long-term sickne	24	0.18	75.24
Unpaid housework looking after children	1,752	13.32	88.56
Casual work	1,453	11.05	99.60
(Other) Volunteer	4	0.03	99.64
(Other) Apprenticeship	35	0.27	99.90
Something else	13	0.10	100.00
Total	13,155	100.00	

Table 16. Recoded variables

Variable name	Variable label	Survey item based on
age_c3	Age categories	A01
parenthh_d	Is a parent to children in household	A25
working_d	Is working	B02
trust_d	Most people in research area can be trusted	E11
religion_c5	Religion (broad categories)	E13
ffhbmabroad_d	Has migrant household members who have migrated	F03

10.11.4 Composite variables from several items

Most of the additional variables generated are composite variables – mostly categorical – that draw on a number of different survey items. Here new variables are created either drawing data from a number of different survey items that each add different information (“parallel” survey items) or creating a new variable for the whole sample where skip logic resulted in some survey items being asked to only a sub-sample (“dependent” survey items). The new variables take different forms, categorical or binary. Table 17 gives an overview of all new composite variables, and we now give an example of each type.

We first give an example that draws on parallel survey items. The education level of the respondent’s mother (father) was asked in two separate survey items, to facilitate the flow of the interview. For instance, for mother’s education it looks like this, with A10 only asked to those who responded yes to A09):

```
. tab a09primmother_d
```

Mother completed primary school	Freq.	Percent	Cum.
No she did not	8,504	66.53	66.53
Yes she did	4,279	33.47	100.00
Total	12,783	100.00	


```
. tab a10secmother_d
```

Mother completed secondary school	Freq.	Percent	Cum.
No she did not	2,577	61.04	61.04
Yes she did	1,645	38.96	100.00
Total	4,222	100.00	

We then created a categorical variable `edumoth_c3` that includes the information on both primary and secondary school completion:

```
. tab edumother_c3
```

Mother's education level	Freq.	Percent	Cum.
Did not complete primary school	8,504	66.82	66.82
Completed primary school only	2,577	20.25	87.07
Completed secondary school	1,645	12.93	100.00
Total	12,726	100.00	

We now give an example that draws on dependent survey items. Survey item B9 asked if the respondent or another household member started a business in the last year:

```
. tab b09newbiz_d
```

Household member started a new business (past year)	Freq.	Percent	Cum.
No	11,234	85.51	85.51
Yes	1,904	14.49	100.00
Total	13,138	100.00	

Those that answered yes, were then asked B10 if they invested time or money into the business:

```
. tab b10newbizinvest_c4
```

Investment in new business (time or money)	Freq.	Percent	Cum.
No	97	5.11	5.11
Yes money	441	23.25	28.36
Yes time	150	7.91	36.27
Yes both time and money	1,209	63.73	100.00
Total	1,897	100.00	

In order to have a variable about investment into a business that includes the entire sample including those who didn't start a new business we created a new variable from B9 and B10, `newbizinvest_c5`, using the following code and then resulting in the following variable:

```
gen newbizinvest_c5 = b10newbizinvest_c4
```

```

recode newbizinvest_c5 (0=1) (1=2) (2=3) (3=4)
replace newbizinvest_c5 = 0 if b09newbiz_d==0 & newbizinvest_c5==.
label define newbizinvest_c5 0 "Did not start a new business" 1 "Started a new
business, no investment" 2 "Started a new business, invested money" 3 "Started
a new business, invested time" 4 "Started a new business, invested time and
money"
label values newbizinvest_c5 newbizinvest_c5
label var newbizinvest_c5 "Respondent or hh member started new business,
invested money or time last year"

```

```
. tab newbizinvest_c5
```

Respondent or hh member started new business, invested money or time last year?	Freq.	Percent	Cum.
Did not start a new business	11,234	85.55	85.55
Started a new business, no investment	97	0.74	86.29
Started a new business, invested money	441	3.36	89.65
Started a new business, invested time	150	1.14	90.79
Started a new business, invested time a	1,209	9.21	100.00
Total	13,131	100.00	

The remaining variables are listed in the table below and the full syntax can be found in Annex 4.

Table 17. New composite variables

Variable name	Variable label	Input variables
maritalsts_c6	Marital status	a02married_d, a03evrmarried_d, a04cohabits_d
edufather_c3	Father's education level	a07primfather_d, a08 secofather_d
edumother_c3	Mother's education level	a07primmother_d, a08 secomother_d
hhheadfemale_d	Head of household is female	a11hhhead_d , a12hhhead_d , o20female_d
ttladults_n	Total number of adults in household	a13men_n, a15wom_n
hhsizes_n	Household size	ttladults_n, a17chn_n
boysnotenrolsec_n	Number of secondary school age boys in household not enrolled	a19boysseco_n, a20boysenrol_d, a21boysenrol_n
boysnotenrolsec_d	Household has at least one secondary school age boy not enrolled	a19boysseco_n, a20boysenrol_d, a21boysenrol_n
girlsnotenrolsec_n	Number of secondary school age girls in household not enrolled	a22girlsseco_n, a23girlsenrol_d, a24girlsenrol_n
girlsnotenrolsec_d	Household has at least one secondary school age girl not enrolled	a22girlsseco_n, a23girlsenrol_d, a24girlsenrol_n
parent_d	Respondent is a parent	a25hhparent_n, a27nothhchn_d
parent_n	Total number of children respondent is parent to	a25hhparent_n, a28nothhchn_n
unemployed_d	Respondent is unemployed	b02jobcur_c9, b04jobseek_d
newbizinvest_c5	Whether respodent or other hh member started business, and potential investment	b09newbiz_d, b10newbizinvest_c4
newbizsucc_c5	Performance of new business that respondent or other hh member started	b09newbiz_d, b11newbizsucc_c4, newbizsucc_c5
impactaid_c4	Impact of foreign development respondent is aware of	b15knowaid_d, b16impactaid_c3
passcur_d	Respondent has a valid passport	c11passevr_d, c12passcur_d

Variable name	Variable label	Input variables
visaapp_d	Respondent has applied for richer country visa (past 5 years)	c10prepnotleave_d, c13visaapp_d
hlthformal_c3	Respondent or hh member has had serious health problem and received health care	d01hlthproblem_d, d02hlthformal_d
sprec_d	Anyone in the household receives support from at least one of the SP programmes	E01, E02, E03, E04*
sphighval_c3	Highest level of value of social protection received	E05, E06, E07, E08*
splotval_d	Household has received social protection that they found 'not valuable'	E05, E06, E07, E08*
ffrcontact_d	Has had contact with migrant family/relatives/friends past year	f01ffabroad_d, f07contact_d
ffrcontactreg_d	Has had monthly contact with migrant family/relatives/friends past year	f01ffabroad_d, f07contact_d, f08contactreg_d
ffrremit_d	Household has received remittances from family/relatives/friends (past year)	f01ffabroad_d, f09remit_d
hhmremit_d	Household has received remittances from former household member (past year)	f01ffabroad_d, f09remit_d, f10remithm_d
hhmreturnee_d	Respondent has household member who is a returnee	f04ffreturn_d==1, f06hhmreturnee_d
numintmig_c3	Number of internal migrants respondent knows	g01internalmig_d, g02internal10_d
failmig_c3	Failed migration attempt categorical	g06failinjured_d, g07faildie_d, g08faildetain_d, g09failstuck_d, g10faildeport_d
migcmpgn_d	Respondent has been exposed to any migration campaign	g12cmpgntv_d, g13cmpgnevent_d, g14cmpgnradio_d, g15cmpgnweb_d, g16cmpgnposter_d
migcmpgnscore_n	Number of migration campaign channels exposed to	g12cmpgntv_d, g13cmpgnevent_d, g14cmpgnradio_d, g15cmpgnweb_d, g16cmpgnposter_d
migexp_c3	Respondent has past international migration experience	h01grewup_c3, h09liveabroad_d
inmig_c4	Respondent is recent in-migrant	h01grewup_c3, h03fromrafather_d, h04fromramother_d, h06yrarrivera_n
expabroad_c3	Exposure to been abroad	h01grewup_c, h08beenabroadevr_d, h09liveabroad_d
incomerem_d	Remittances from abroad are the first or second most important source of income	i01income1_c8, i02income2_c9
phonesmart_d	Is your mobile phone a smart phone	l26
internetfrq_c6	Frequency of internet use	i27internetevr_d, i28internetyr_d, i29internetfrq_c4,
internetyr_d	Has used internet past year	l29
protestpart_d	Participated in protest last year	J02
elecsrc_c6	Source of electricity	M04
watershare_d	Water source shared	m08watersrc_c5, m09watershare_d

Note: *All countries have different names for these variables

10.11.5 Household wealth index

We have constructed four measures of household wealth that are included in the MIGNEX Survey Dataset. All are based on the underlying MIGNEX Household Wealth Index (HWI), but are calculated and scaled in different ways.

The HWI is based on the International Wealth Index methodology (Smits and Steendijk, 2015) and created from information about the ownership of a range of durable goods and characteristics of the dwelling. The construction of wealth indices based on asset ownership and the household's dwelling has become a common practice over the last three decades since the publication of Filmer and Pritchett's work 'Estimating wealth effects without expenditure data—or tears: an application to educational enrolments in states of India' in 2001.

The MIGNEX HWI is based on the following information

- Household ownership of working television, refrigerator, car, bicycle, chair, radio, washing machine, moped/motorcycle, air conditioning and computer (ten binary variables)
- Water source: scored as either low quality (unprotected well or spring, cart with tank/drum, or surface water), medium (public tap or standpipe, tubewell or borehole, protected well or spring, or tanker truck) or high (private piped water or bottled water)
- Toilet facility: scored as either low quality (pit latrine without slab, open pit, bucket, hanging toilet or no toilet), middle (public toilet, ventilated/improved pit latrine, pit latrine with slab, or composting toilet), or high (private flush toilet)
- Floor material: scored as either low quality (none, earth, dung etc.), middle (cement, concrete, wood, bamboo etc.), or high (finished floor with parquet, carpet, tiles, linoleum, ceramic etc.)
- Electricity (binary variable)
- Spaciousness: estimated as the number of rooms per adult-equivalent household member, with children counting as 0.5 adult.

In brief, the methodology consists in reducing the dimensionality of the list of all assets and dwelling characteristics by means of a Principal Component Analysis (PCA) and then estimating the predicted value for the first component for each respondent. It is common practice to use the first component as it explains the largest proportion of the total variance and it is viewed as the single best summary of the linear relationships of the assets and household characteristics. Based on the value of the predicted first component, it is then possible to create an index by rescaling each respondent's score to a 0-100 range.

We obtain the values of the first component through a *Polychoric* Principal Component analysis (PPCA) instead of a standard Principal Component Analysis (PCA). A PPCA allows for the inclusion of ordinal categorical data and has been shown to account better for the lack of asset ownership (Poirier *et al.* 2021), which in turn can ensure greater robustness to MIGNEX estimations of wealth.

Importantly, the score (the first component of the PCA) depends on the *distribution* of asset ownership and dwelling characteristics in the sample. The 'value' of having a washing machine, for instance, depends on how common it is to have one. In other words, each respondent's score is determined by the scores of the other respondents. The sample that is used to calculate the index is key. For this reason, we construct two HWIs: one that is estimated for the entire pooled data set and another that is estimated for each research area.

The research area-specific indices consider the distribution of assets and dwelling characteristics in that research area only. In some cases, this means that variables are dropped from the analyses. For instance, virtually all respondents in Enfidha (TUN1) have a TV in the household, so the television ownership variable does not differentiate within the research area, and is therefore dropped. In the HWI for the pooled dataset, however, television ownership is relevant and contributes to the households in Enfidha scoring higher than households in many other research areas. Table 18 provides an overview of goods and

characteristics of the dwelling that are included in each research area. Exclusions occur when something is either ubiquitous (such as televisions in Enfidha) or exceedingly rare (such as washing machines in Dialakoro).

Table 18. Assets included in each research area household wealth index

Research Area	Durable goods in working condition														
	Computer	Air conditioning	Moped / motorcycle	Washing machine	Radio	Chair	Bicycle	Fridge	Car	TV	Electricity	Water supply (quality scale)	Toilet (quality scale)	Flooring (quality scale)	Crowding (numerical measure)
São Nicolau (CPV1)	●	●	●	●	●	●	●	●	●	●	-	●	●	●	●
Boa Vista (CPV2)	●	-	●	●	●	●	●	●	-	●	●	●	●	●	●
Boffa (GIN1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Dialakoro (GIN2)	●	-	●	-	●	●	●	●	●	●	●	●	●	●	●
Gbane (GHA1)	●	-	●	●	●	●	●	●	-	●	●	-	●	●	●
Golf City (GHA2)	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●
New Takoradi (GHA3)	●	●	●	●	●	-	●	●	●	-	-	●	●	●	●
Down Quarter (NGA1)	●	●	●	●	●	●	●	●	●	●	-	●	●	●	●
Ekpoma (NGA3)	●	●	●	●	●	-	●	●	●	-	-	●	●	●	●
Kombolche (ETH1) ¹	●	●	●	●	●	●	●	●	●	●	-	●	●	●	●
Batu (ETH2)	●	-	●	-	●	-	●	●	●	●	-	●	●	●	●
Moyale (ETH3)	●	●	●	●	●	●	●	●	●	●	●	●	-	●	●
Erigavo (SOM1)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Baidoa (SOM2)	●	-	●	●	●	●	●	●	●	●	-	●	●	●	●
Enfidha (TUN1)	●	●	●	-	●	-	●	-	●	-	-	●	●	●	●
Redeyef (TUN2)	●	●	●	●	●	-	●	-	●	-	-	●	●	●	●
Hopa (TUR1)	●	●	●	●	●	●	●	-	●	●	-	-	●	●	●
Yenice (TUR2)	●	●	●	-	●	-	●	-	●	-	-	-	●	●	●
Kilis (TUR3)	●	-	●	●	●	●	●	●	●	●	-	●	●	●	●
Shahrake Jabrael (AFG1)	●	●	●	●	●	●	●	●	●	-	-	●	●	●	●
Behsud (AFG2)	●	●	●	●	●	●	●	●	●	●	-	●	●	●	●
Shahrake Mahdia (AFG3)	●	●	●	●	●	●	●	●	●	●	-	●	●	●	●
Chot Dheeran (PAK1)	●	-	●	●	●	●	●	●	-	●	-	●	●	●	●
Youhanabad (PAK2)	●	●	●	●	●	●	●	●	●	●	-	●	●	●	●
Keti Bandar (PAK3)	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●

Note: See text about the treatment of this research area.

For the pooled dataset HWI and each research area HWI, we estimate a PPCA on the relevant variables and predict a wealth score using the first component. On average, the first component explains 36% of the cumulative variance of all variables. The eigenvalues for each research area-based index were always higher than 1 for the first component. Both the high cumulative variance explained and the eigenvalues of the first component being larger than one as well as significantly larger than the second component indicate that MIGNEX measures of household wealth provide a good reduction of all the information contained in the 15 input variables.

In the estimation of the HWI for the pooled sample, we exclude Kombolcha (ETH1), where data collection was aborted for security reasons and the sample is incomplete. In this way, we ensure that the data from Kombolcha do not affect the weighting of assets.

We rescale each respondent's score to the 0–100 range by employing the following formula, where *wealthscore* refers to the predicted wealth scores based on the first component extracted, *r(min)* is the minimum value of all scores within any given research area and *r(max)* is the maximum value of all wealth scores within any given research area.

$$wealth\ index = 100 \times \left(\frac{wealthscore - r(min)}{r(max) - r(min)} \right)$$

The four household wealth variables are described in Table 19.

Table 19. Household Wealth Indexes included in MIGNEX dataset

Variable name	Variable label	Scale	Number of input variables ¹	Description
hwi_n	Household Wealth Index (PPCA)	0–100	15	Household wealth index estimated with polychoric principal component analyses for 15 household assets, reflecting their distribution across all MIGNEX research areas. Values range from 0 to 100, with the extremes representing the poorest and the richest households among all roughly 13,000 respondents in the entire MIGNEX survey.
hwi_q5	Household Wealth Index (PPCA) quintiles	1–5	15	Household wealth index quintiles, based on the Household Wealth Index (PPCA) described above. The variable divides the pooled sample into five equally-sized groups with approximately 2500 respondents each, from the poorest fifth to the wealthiest fifth. <i>Note that this variable raises particular conceptual issues, since the pooled MIGNEX sample does not represent a specific population.</i>
hwira_n	Household Wealth Index RA (PPCA)	0–100	9–15	Household wealth index estimated with polychoric principal component analyses for 9–15 household assets that differentiate within the particular research area. The included assets are weighted based on their distribution within the research area only. Values range from 0 to 100, with the extremes representing the poorest and the richest households among the roughly 500 respondents.
hwira_q5	Household Wealth Index RA (PPCA) quintiles	1–5	9–15	Household wealth index quintiles, based on the Household Wealth Index RA (PPCA) described above. The variable divides the research area sample into five equally-sized groups with approximately 100 respondents each, from the poorest fifth to the wealthiest fifth.

Note: (1) See Table 18 for the number of input variables in each research area).

10.12 Applying weights in Stata

Before any analysis can be conducted in Stata, sampling weights must be applied to reflect and account for the MIGNEX survey design. After research areas are selected, the survey design is comprised of strata, clusters, households and individuals.

In Stata, you can specify your survey design using the ‘svyset’ function. The specification for svyset in Stata for the MIGNEX survey is shown in Table 14.

Note, the `y_stratum` variable was constructed during the data preparation stage and reflects the fact that our research areas with a country are discreet and are *not* representative at the country level. The strata variable also takes into account any stratification that took place during stage one of the sampling strategy. A research area with no stratification is classified as one stratum in the merged dataset. A research area with, for instance, three strata, has each of the strata classified as an individual stratum.

Table 20. Stata survey design specification

Survey design element	Svyset element	Variable name
Strata	strata	y_stratum
Clusters	psu	o03cluster_c
Individual weight	pweight	y_adjweight
Households	Su1	y_id
Individuals	_n	y_id

In Stata, the svyset function can then be applied to the MIGNEX dataset using the following code:

```
svyset, clear
svyset o03cluster_c [pweight= y_adjweight], singleunit(certainty) strata(y_stratum) || y_id || _n
```

As explained in 10.10.3, `y_adjweight` is the individual weight adjusted for distortions in the distribution of research areas in the pooled sample. For analyses at the research area level, `y_indivweight` and `y_adjweight` produce the same results, whereas for pooled analyses, only `y_adjweight` can be used. We therefore recommend declaring the survey data design using `y_adjweight`.

Declaring the `svyset` parameters is part of the automated initiation of Stata sessions described in section 10.15.5. See also 10.15.12 about weighting during data analysis.

10.13 Data anonymization

The MIGNEX survey dataset will be made available in an open-access variant at the end of the project period. In addition, a subsample is developed for teaching purposes (see section 10.14.2). These variants of the dataset are anonymized through the procedures described in this section.

Even though at the data de-identification stage we remove the GPS location of completed interviews (see section 10.9.12), indirect identification of respondents may still be possible through combinations of different variables. For instance, combining responses to gender, work situation, and mother tongue questions could indirectly identify a respondent, if a Arabic-speaking woman working on her own account or running a business is rare in a particular research area. In other instances, outlier values for variables such as number of children or educational attainment could identify respondents within a research area. It should be noted that the variables that are most likely to lead to indirect identification are those that can be easily observed or known by others. Therefore, responses for less observable topics, such as receiving remittances, are less problematic.

This section discusses further modifications to the dataset that allow for greater anonymisation of the dataset, and reduce the risk of indirect identification. There are a number of different procedures that were employed to anonymise the data. Examples of these procedures include:

- Renaming all clusters giving them a generic name (e.g. NGA1_cluster1) so that they can still be used as controls in the analysis but not identified as a specific location within a research area (this is known as ‘encoding’).
- Removing free text in all open ‘other answers’ as these tend to be rare or unusual responses (given that we have already recoded free text to existing categories, where possible).
- Capping continuous variables (e.g. number of children) at specific cut-offs (known as top and bottom coding).
- Recoding rare or unusual responses as ‘other’ or missing (e.g. mother tongue for minority groups or rare religious affiliations, has migrant family, relatives or friends in areas where this is not common).
- Recoding categorical variables into broader categories (e.g. combining some educational categories), known as ‘aggregating’.
- Recoding continuous variables into categories (e.g. age), known as ‘generalisation’.

Many of these modifications come with significant trade-offs for the analysis. While applying each procedure allows for greater anonymization, with each modification we also remove detailed data that could allow for richer analysis. Anonymisation of the data could potentially reduce efficiency of quantitative analysis, e.g. age tends to be a much more useful variable as a continuous variable in the analysis than as a categorical one. The measures therefore need to balance utility of the data with robust privacy protections (OVIC, 2018).

The MIGNEX survey being a multi-country dataset makes it more challenging, as outliers or unusual responses differ across research areas. As such, we de-identified at the research area level, rather than across the entire dataset. We have identified a number of variables that are potentially (strong) indirect identifiers (Table 21) and outlined the de-identification approach for each variable, based on best practices (Kopper et al., 2020; Hundepool et al., 2010). In some instances, we have decided to not make any adjustments, as the adjustment would limit the analytical value of the variable.

Table 21. Steps taken to further anonymize the MIGNEX Survey Dataset

Variable	Strong indirect identifier	Indirect identifier	De-identification approach
Cluster names		▪	Encoding cluster names
Age		▪	Introduced a -1 and +1 value to each age randomly so the average distribution would stay the same but makes it impossible to identify respondents by their current age
Marital status		▪	No action taken as critical variable for analysis
Gender		▪	No action taken as critical variable for analysis
Mother tongue	▪		Collapsing unusual responses (<10 responses) into 'other' category
Education		▪	Aggregation if fewer than five observations per category
Gender of the household head (in particular FHH)		▪	No action taken as critical variable for analysis
Number of children		▪	Top coding if fewer than five observations for a particular number
Current work situation		▪	Collapsing unusual responses (<10 responses) into 'other' category
Religion	▪		Collapsing unusual responses (<10 responses) into 'other' category
Family, relatives and friends in another country		▪	No action taken as critical variable for analysis
Country in which family, relatives or friends abroad live	▪		Collapsing unusual responses (<10 responses) into 'other' category
Place of growing up		▪	Collapsing unusual responses for other country they grew up in (<10 responses) into 'other' category

Note: There are no direct identifiers in the prepared dataset as these have already been removed at an earlier stage. Source: Authors based on JPAL, 2020.

These modifications were done at a research area level, for those variables which have few or unusual responses. This means that some variables may have different cut-offs for different research areas (e.g. number of children), for which the capping value was added as a note on each variable in the dataset.

In addition to the modifications described above and in Table 21, we also took additional measures to ensure that certain – highly identifying – *combinations* of variables cannot be used to identify respondents. Anonymity of data is often considered in terms of the concept of 'K-anonymity', where K is the number of respondents in the dataset having the same responses for a combination of specific variables; the higher K, the lower the likelihood of identification (OVIC, 2018). For these combinations of variables, we aimed for a minimum of K=3, which means that there are three or more individuals with the same characteristics. We used K-anonymity to assess the data for each research area after the above modifications have been applied.

We assessed K for the following sets of variables as these are amongst the most visible and identifying combinations of variables:

- Research area + Age + Gender + all variables in the dataset
- Research area + Age + Marital status + all variables in the dataset
- Research area + Age + Female head of the household + all variables in the dataset
- Research area + Gender + Marital status+ all variables in the dataset

- Research area + Gender + Female head of the household + all variables in the dataset

When K-anonymity is less than $K=3$ for any observations, we recoded the third variable of the combination (gender, marital status, head of the household is female) as missing for these observations. As part of this data-anonymization process we introduced a new missing value notation to the MIGNEX dataset named “.c” which denotes when an observation has been censored to prevent a respondent to be identified.

The procedures outlined in this section described the ways in which we reduced the risk of indirect identification. However, it is still possible, though unlikely, that someone who knows a research area and plays around with the data can still indirectly identify a respondent (also known as ‘re-identification’). Re-identification can never be fully ruled out (Kopper et al., 2020). We are confident that through the procedures we have employed for the MIGNEX data we have greatly reduced the risk of re-identification.

10.14 Data publishing

The MIGNEX Survey Dataset exists in three variants of which two are for public use.

10.14.1 MIGNEX Survey Dataset open-access variant

The anonymised dataset will be published on Zenodo, an open repository developed under the European OpenAIRE program, at the end of the project period. It can then be used by the wider research community for further research.

There will be a single dataset that includes the data for all ten countries. We have prepared the dataset in such a way that it should be straightforward to use it and we hope that it inspires much further research in the years to come.

The dataset should be used alongside the Excel codebook and additional variable list (Annex 3) and the country specific survey instrument in English for each country (Annex 2 of this Handbook Chapter). This Handbook Chapter and Handbook Chapter 7 (Hagen-Zanker et al., 2020) give detailed information on the design and implementation of the MIGNEX survey to help researchers make optimal use of the survey dataset.

The dataset will be freely available, not subject to any permission or registration. However, users are requested to follow the procedures for proper citation (see section 10.13.2). It will be uploaded alongside other MIGNEX data and metadata at zenodo.org/communities/mignex.

10.14.2 Data authorship and citation

Usage of the MIGNEX survey dataset open-access variant has the following conditions:

1. The data source in tables, figures and analysis should be identified as the *MIGNEX survey dataset open-access variant*.
2. Any publication using the dataset should, in addition, include the citation for the MIGNEX survey dataset to its list of references (see below).
3. Because of differences between the *open-access variant* and the *restricted-access variant*, and because the datasets may be issued in several versions, citations must refer to the DOI for the specific dataset used in order to ensure reproducibility.

The citation for the MIGNEX Survey Dataset open-access variant is as follows (keeping the above caveat about DOIs in mind):

Hagen-Zanker, J., Carling, J., Hennessey, G., Memon, R., Rubio, M., Caso, N., Adhanom, T., Ahmed, F., Béji, A., Cisse, A., Diallo, M.M., Dias, P., Duntoye, S., Elçi, E., Ensari, P., Flor, G., Ghous, F., Gilani, B.I., Hassanzai, J., Imtiaz, A., Isik, C., Kandilige, L., Kasavan, C., Majidi, N., Mbaegbu, R., Medina, I.R.S., Mezlini, I., Nwangwu, C., Sam, R., Teoman, M., Teye J., Thenot, E., Üstübici, A. and Yaqubi, H. (2024). MIGNEX Survey Dataset open-access variant [Dataset]. Zenodo. <https://doi.org/10.5281/zenodo.7940505>

Any reference to MIGNEX survey design or execution should include a citation of Handbook Chapter 7 (Hagen-Zanker et al., 2020) and Handbook Chapter 10 (this publication), respectively.

10.14.3 Teaching subsample of the MIGNEX Survey Dataset

A restricted subsample called the *Teaching subsample of the MIGNEX Survey Dataset* is made available for teaching and training purposes. Requests for access to this subsample can be made by instructors directly to the MIGNEX survey lead.

This sub-sample only covers 14 research areas in 6 countries, omitting the data from Afghanistan, Ethiopia, Pakistan, Somalia and the research area Kilis in Turkey because of politically sensitive contexts. The data anonymisation procedures outlined in section 10.12 are applied to the teaching survey dataset. Critically, they are reduced to a random sample of 150 respondents in each research area.

The full text of papers, theses, or other written work always includes the following disclaimer: *The teaching subsample of the MIGNEX survey dataset is created for training purposes. Analyses of this dataset do not represent project results.* They are thus clearly distinct from analysis based on the full MIGNEX Survey Dataset.

10.14.4 Data publishing workflows

The workflow that led to the three variants is presented in Figure 6. The figure also shows file locations, which are discussed in later sections.

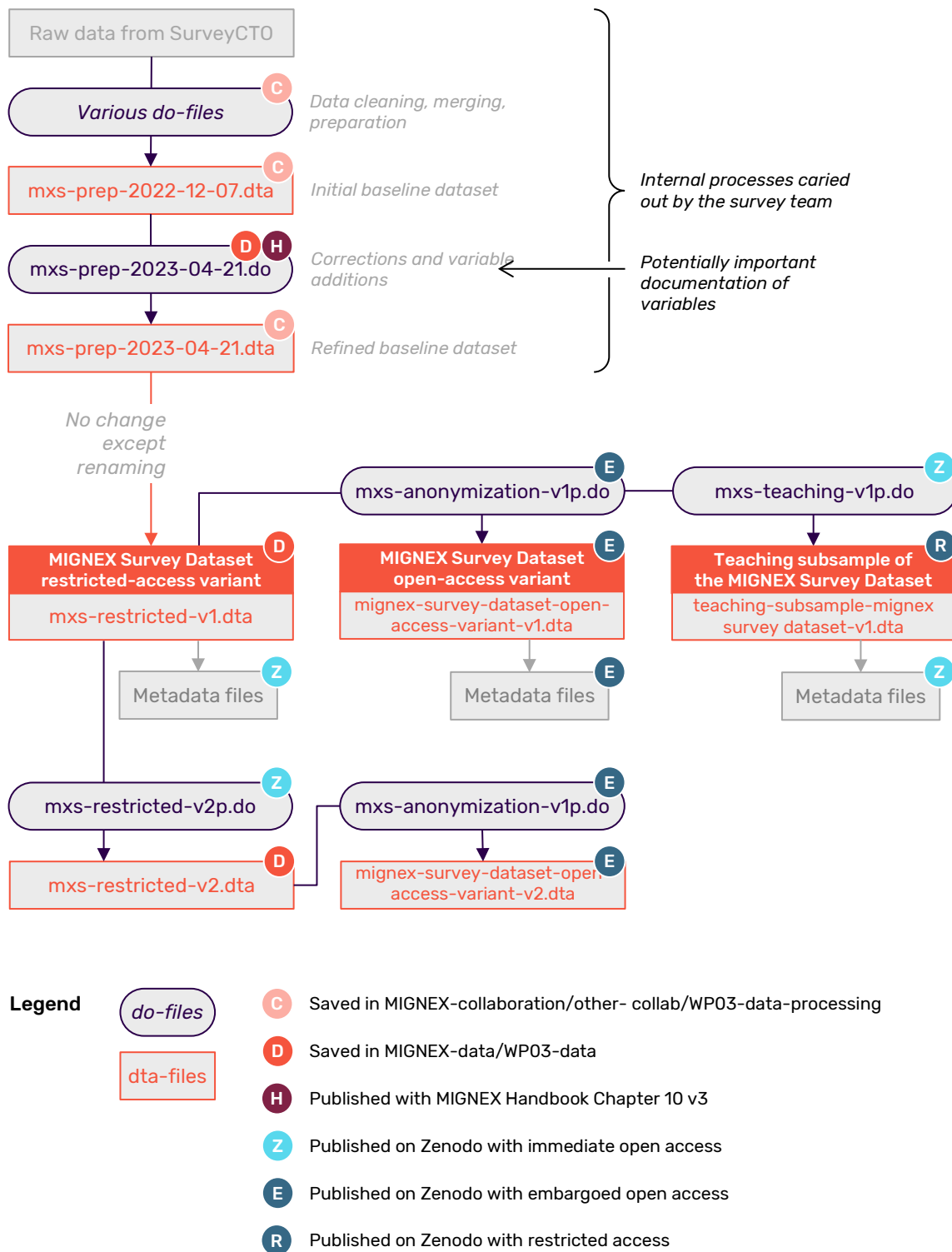


Figure 6. Dataset variants, versions, file names, and locations

See MIGNEX Handbook Chapter 3 (Data management plan) v4 for details about depositing and sharing data in Zenodo.

10.14.5 Replicability and transparency

We follow the principle that access to our data and analyses should be ‘as open as possible and as closed as necessary’.⁹ In practice, this has the following implications for MIGNEX survey data:

1. MIGNEX Survey data (in general) is accessible to team members only during the project period so that the consortium can take responsibility for the quality of initial results.
2. The restricted-access variant is accessible only to MIGNEX team members, also after the project period because it contains potentially identifying information.
3. The anonymized open-access variant is made accessible to the public at the end of the project period.
4. Metadata about the restricted-access variant are made publicly available as soon as they are ready, to serve as documentation. This includes information about all variables.
5. The do-files used to create additional variants and new versions of the restricted access dataset are made publicly available, also when the dataset itself is not made publicly available.
6. The Stata code used to generate new variables or run analyses are made public either within publications or in publicly available do-files. (See 10.15.11 for details)

Please note that point 6 has implications for all Stata users within the MIGNEX team. Table 23 provides an overview of key decisions about levels of access to files related to the MIGNEX survey data.

Table 22. Access levels and justifications for restriction

Access level	Files	Justification for restricted access
MIGNEX Survey team	Do-files for data preparation, editable datasets	High risk to data integrity with multiple users; limited use value
MIGNEX Stata users (temporary access)	intermediate dataset versions	Intermediate versions should not be used in analyses for deliverables
MIGNEX Stata users	Shared do-files for variable generation and analysis	Coding must follow shared guidelines and requires direct communication
MIGNEX Team members	MIGNEX Survey Dataset restricted-access variant (read only)	The full dataset can potentially be used to identify individuals
Teaching staff and students	Teaching subsample of the MIGNEX Survey Dataset	The teaching subsample must not be used to infer substantive results
General public (embargoed access)	MIGNEX Survey Dataset open-access variant	The MIGNEX team’s analyses must be completed before data are released
	Metadata for MIGNEX Survey Dataset open-access variant	Since the dataset may be replaced by newer versions during the embargo period
General public (immediate access)	Metadata for MIGNEX Survey Dataset restricted-access variant	

⁹ See European Commission Directorate-General for Research & Innovation (2016) *H2020 Programme Guidelines on FAIR Data Management in Horizon 2020*.

Section 10.15 is written as a standalone reference for MIGNEX team members who use the Survey data

10.15 Survey data analysis

10.15.1 Summary of key points

The following points are essential, and elaborated on in later sections.

1. Coordination of survey analysis has the objectives of (1) ensuring that our findings are transparent and replicable, and (2) enabling us to build on each other's work and be more efficient as a team.
2. The anonymization has an impact on the data, so we distinguish between *variants* of the dataset: the *restricted-access variant* that can be used by team members only, and the *open-access-variant* which will be available for public use when the project ends.
3. Each dataset variant might be updated by a new *version* if there is a need for corrections. The official dataset versions, after cleaning and quality assurance are completed, are distinguished by version number, not dates.
4. All Stata should take place in the shared folder `Survey - analyses`. This ensures that it is possible to use shared scripts and automations.
5. Your working directory during a Stata session should be a *work-in-progress folder* within the `Survey - analyses` folder. You can have several work-in-progress folders, alone or together with others.
6. When we create new variables as part of analyses, we identify them as being *grey*, *black*, *purple* or *blue* variables – colour coded categories that reflect different procedures for documentation and sharing.
7. The master do-file `mxs.do` declares the weighting parameters and adds general-purpose variables that have been created by different team members during analyses (purple and blue variables). The `mignex` command will open the dataset and run the master do-file at the beginning of every session (see section 10.15.5 for details).
8. The do-files that underpin analyses are part of our joint output. We have a naming standard for do-files that differentiate between do-file types, including `-gen-` for variable generation, `-mod-` for modelling/analyses, amongst other types.
9. Do files must be *posted* when they serve as documentation for deliverables or are ready for use by other team members. (Posting means saving them in the designated folder and not changing them anymore, but superseding them with a new version if necessary.)
10. Every survey-based table or figure in published output must have notes that specify the dataset and the code (either by reproducing code in the note or referring to a posted do-file.) See 10.15.11 for details and examples.
11. The data can be analysed as a pooled dataset with 25 research areas or separately by research area. The data should *never* be aggregated at the country level. (See 10.15.12.)
12. All descriptive statistics and modelling require correct weighting. This is generally only possible with the `svy:` prefix. See 10.15.12 for details and exceptions.

10.15.2 Variants and versions of the dataset

We differentiate between *variants* and *versions* of the MIGNEX Survey Dataset.

Dataset variants

There are three *variants* of the dataset:

1. The restricted-access variant for analyses by team members only
2. The anonymized open-access variant for public use after the embargo period
3. The teaching subsample (see 10.14.3)

The differences between variants are summarized in Table 23. The restricted-access variant is the most complete and exact variant of the dataset. However, it contains potentially identifying information and must therefore be used *only by MIGNEX team members* and *only from the MIGNEX OneDrive folder*, based on individual access credentials.

The anonymized open-access variant contains less detail on some variables and excludes variables such as the full-text elaboration of ‘other’ responses (see section 10.13). Since the anonymization process might affect results, it is necessary to separate between the restricted-access variant and the open-access variant and not refer to ‘the MIGNEX Survey Dataset’.

Table 23. Comparison of MIGNEX Survey Dataset variants

	MIGNEX Survey Dataset restricted-access variant	MIGNEX Survey Dataset open-access variant	Teaching subsample of the MIGNEX Survey Dataset
All research areas	■	■	–
Full sample	■	■	–
All variables	■	–	–
All values	■	–	–
Access conditions	MIGNEX team members registered as Stata users	Open access via Zenodo after embargo period	Access via Zenodo upon request, for teaching purposes only

Dataset versions

Each variant of the dataset can have successive *versions* that make previous versions obsolete. During the processes of preparation, corrections and amendments, versioning was based on dates. These processes resulted in a refined baseline dataset (mxs-prep-2023-04-21.dta) which was renamed to become the first ‘official’ version of the dataset:

- First official version: mxs- restricted - v1.dta
- Potential future versions are: - v2, - v3, etc.

New versions of the dataset will be created only if there is a need for corrections. When new variables are created, they are stored in do-files and regenerated in every session, and not saved to the dataset (see 10.15.7).

Dataset files for external users are given fuller and more descriptive names that always include ‘mignex survey’ as opposed to the abbreviation ‘mxs’. The first version of the public variant is mignex - survey - dataset - open - access - variant - v1.dta .

Do-files connecting variants and versions

The difference from one variant to another, or from one version to the next, is documented in a single do-file. (A do-file is a collection of Stata commands that can be executed on a dataset.) As shown in Figure 6, the anonymized variant is created by running the do-file `mxs-anonymization-v1p.do` on the restricted-access version of the dataset.¹⁰ Similarly, version 2 of the restricted-access version of the dataset is created by running `mxs-restricted-v2p.do`. This is important for users because it provides complete documentation of the difference.

10.15.3 The `mxs.do` master do-file

A master do-file called `mxs.do` prepares for MIGNEX survey data analysis. Stata sessions should always start by executing `mxs.do`. This can be part of the automated startup-procedure described in section 10.15.5. The `mxs.do` file performs three tasks:

Declaring weights

`mxs.do` declares the elements of survey data sampling and weighting by means of the `svysetup` command, as explained in 10.12. Since this is run as part of the default startup, you can always use the `svy:` prefix during analyses. See [svy](#) in Stata documentation for details.

Adding shared variables

Many of the variables that are generated during analysis may be useful for diverse purposes. `mxs.do` adds them to the data in memory by running a set of variable-generating do-files as explained in section 10.15.7 below.

Dropping Kombolcha (ETH1)

Since the incomplete survey data from Kombolcha (ETH1) should generally not be used for analyses, `mxs.do` runs a do-file that drops observations from this research area. If you want to analyse Kombolcha data specifically, you must start a session without running this do-file.

10.15.4 Workflows for survey analyses within the MIGNEX team

The workflow for Stata users within the MIGNEX team is illustrated in Figure 7 and described in detail in this section.

The WP03-data data folder

The restricted-access variant of the survey dataset is stored in `MIGNEX-data/WP03-data`. In order to be given access to this folder you must (1) be a member of the MIGNEX team, and (2) be registered as a Stata user and included on the mailing list. The dataset must always be opened from this folder and closed without saving changes. (The file is read-only).

Since the dataset is not anonymised, *it must not be downloaded* and stored elsewhere.

¹⁰ The *restricted-access variant* and the *open-access variant* should always exist in corresponding versions. If the restricted-access variant v1 is superseded by a v2, the open-access variant must be re-created from v2. Consequently, the first open-access version to be published might be e.g. v2 or v3, if it has been necessary to update the restricted-access variant to new versions. To avoid unnecessary duplication of work, the metadata files for the open-access version are not produced until the end of the embargo period.

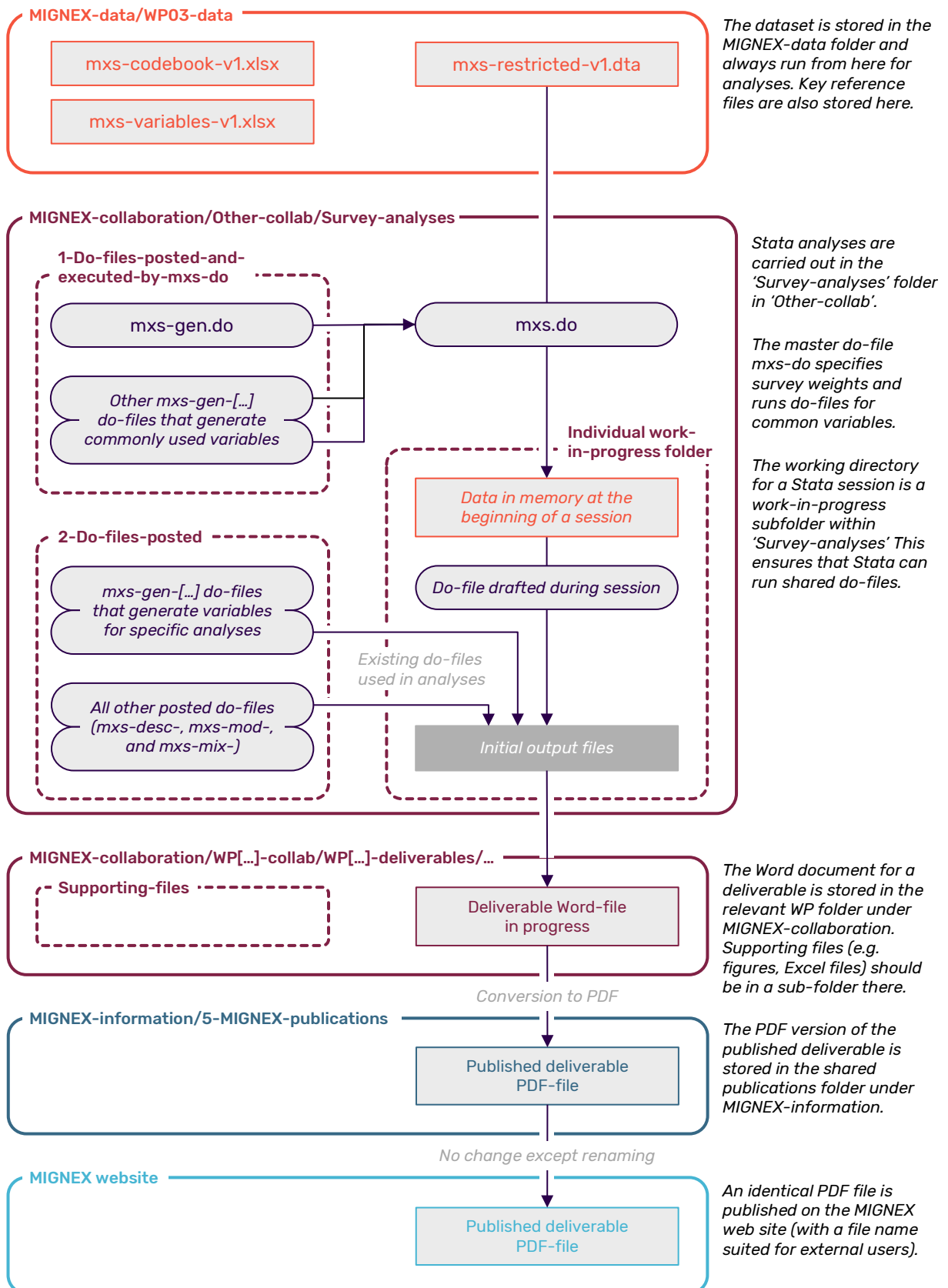


Figure 7. workflow for Stata users within the MIGNEX team

The Survey-analyses folder

The folder `Survey - analyses` is where Stata analyses are carried out. All Stata users in the MIGNEX team are given access to this folder. Working within the same folder allows us to share do-files and avoid inconsistencies and errors. The `Survey - analyses` folder has the following sub-folders:

- 1- Do-files-posted-and-executed-by-nks-do
- 2- Do-files-posted
- 3- Resources
- 4- Archive
- Work in progress-[name]

Work-in-progress folders

In the `Survey-analyses` folder there are sub-folders for the work of individuals or teams. Your *working directory* during a Stata session should be such a work-in-progress folder.

You can have as many work-in-progress folders as you wish, alone or with others. For instance, you may want a personal work-in-progress folder for anything you do on your own, plus work-in-progress folders for specific tasks that you are working on in a team.

Work-in-progress folders are named as follows:

- Always start the folder name with `Work-in-progress-`
- Always include the name of at least one user (first names are sufficient)
- Include a deliverable ID or other description in addition, if it is useful

There is an empty folder called `Work-in-progress-d[xx]-[name]` that can be copied and used as a template.

Do-file folders

The two folders for do-files contain *posted* do-files as described in 10.15.6 below.

The folder 3-Resources

The Resources folder contains tools and files that are useful for reference, e.g. for creating figures or getting an overview of variables.

The folder 4-Archive

The archive contains shared files that are obsolete but best not to delete. Old versions of posted do-files are stored in subfolders in the Do-file folders. Similarly, please handle old versions of your own work-in-progress separately.

10.15.5 Automating Stata session startup

You can simplify the startup of a session and minimize the risk of errors by creating a `mignex` command that sets the working directory, loads the dataset, and runs the master do-file `msx.do`. (Note that you must first be on the MIGNEX Stata users list and have been given access to the folders.) These are the detailed steps:

1. Create a new do-file and paste the following content (including the quotation marks):

```

program mignex
version 14
cd "C:\[WORK-IN-PROGRESS PATH]\Survey-analyses\Work-in-progress-[YOUR NAME]"
use "C:\[DATASET PATH]\WP03-dat a\M GNEX-Survey-dat aset\mxs-restricted-v1. dta"
run ".\mxs.do"
end

```

2. Replace the [WORK-IN-PROGRESS PATH] with the correct file path leading from C:\ to your work-in-progress folder. (Use Windows Explorer to locate the folder, then copy the path in the address line. It shows as e.g. ... *Other-collab* > *Survey-analyses* > *Work-in-progress* ... but becomes correctly formatted with backslashes when you select it.)
3. Replace [YOUR NAME] with your own name to complete the name of your work-in-progress folder.
4. Replace [DATASET PATH] in the same way as the work-in-progress path, so that the entire string from C:\ to \mxs-restricted-v1. dta is the same as on your computer.
5. In the Stata Command window enter `sysdir` and copy the file path that is displayed with the label "PERSONAL"
6. In the Do-file editor, go to File > Save as... and navigate to your personal `ado` folder. You can do so by pasting the path you just copied. If you can't find the personal folder in the expected location, you can create it.
7. Save the file as `mignex.ado` (not `.do`) in your personal `ado` folder.
8. Restart Stata and enter the command `mignex`.
9. Verify that the dataset has loaded and that the working directory (displayed in the status line at the bottom of the Stata window) is correct. Stata will display the do-files that have been executed (in ominous-looking red font, but that is as it should be.)
10. Start every Stata session by entering the command `mignex`, and you are all set for analysis.

Less-automated workaround

If you have problems with `mignex.ado` and they remain after double-checking the steps above, it could be due to differences between institutional computer setups.

1. Open the dataset from `M GNEX-Dat a\WP03-dat a\M GNEX-Survey-dat aset\`
2. In Stata, go to *File* > *Change working directory...* and select your work-in-progress folder. (This must be one of the work-in-progress folders in the Survey-analyses folder, not a folder elsewhere)
3. Go to *File* > *Do...* and select `mxs.do` in the Survey-analyses folder.

Stata will display the do-files that have been executed by `mxs.do` (in ominous-looking red font, but that is as it should be.) Start every Stata session with the three steps above, and you are all set for analysis.

10.15.6 Creating and sharing do-files

During survey data analysis, users work in do-files in whichever way they wish. But some do-files must be shared in a systematic way:

1. Do-files that document the analyses presented in deliverables.
2. Do files that generate variables which may be reused for several purposes.

We want to avoid scenarios such as these:

- A table with results is published, and when someone has a query about it, nobody is able to find the specific do-file that was used to create the results.
- Two analyses both use a generated variable such as `edulevel_c4` (recoded from `a06edulevel_c`) but they are in fact two different `edulevel_c4` variables defined in different ways in separate do-files.
- A team member spends several days developing an index of transnational ties without knowing that someone else has already done the same.

We prevent these scenarios by posting do-files in specific folders and naming them in a systematic way, as explained in the following sections.

Posting do-files

The ‘posting principle’ that we use for other key files such as deliverables comes from *The workflow of data analysis using Stata* (Long 2009). The basic principle is that *once a file is posted, it should never be changed*. Revisions and improvements are possible, of course, but they are handled systematically through versioning. In our joint Stata work, the posting principle applies to do-files and works as follows:

1. A do-file must be posted when
 - a. it is at the stage when other MIGNEX Stata users can use it in their analyses
 - b. it is used to produce output for a deliverable
2. Posting a do-file means
 - a. Saving it to one of the `Do-files-posted` folders (described below)
 - b. Adding a `p` after the version number to mark it as posted (e.g. `-v1p-`)
 - c. Never making additional changes to it, but replacing it with a newer version if needed

By incorporating the posting principle into our workflows, we ensure that we can safely build upon each other’s work, and that our findings are replicable.

Types of do-files

We distinguish between five types of do-files by means of an abbreviation in the file name:

- `data` do-files for general data management, e.g. recoding and labelling.
- `gen` do-files for generating one or more new variables.
- `desc` do-files producing descriptive statistics.
- `mod` do-files for modelling of any kind, e.g. regression analyses.
- `mix` do-files that combine different types of content.

Do-file naming

Posted do-files should follow this naming convention:

`mks - [type] - [description] - [author] - [version] - YYYY- MM DD. do`

- `mks` is a prefix for all MIGNEX Survey do-files
- `type` is the abbreviation for one of the five do-file types listed above
- `description` is brief indication of the content or purpose of the do-file
- `author` is the first name of the person who created the file or is the key contact person
- `version` is `v1p`, `v2p`, etc where `p` indicates that the file is posted
- `YYYY-MM-DD` is the date when the file was created or posted

Do-files follow our general file-naming rule of *always linking words with hyphens* (no spaces or underscores) and, like other Stata file names and variable names, using *lowercase letters only*.

Descriptions can summarize the content and/or refer to deliverables:

- `mks-gen-hhcomposition-...` Generates variables related to household composition
- `mks-desc-d61-...` Produces descriptive statistics for deliverable D6.1
- `mks-desc-d61-inequality-...` As above, but only those that have to do with inequality
- `mks-mix-d62-...` Contains different types of code for deliverable D6.2, potentially for all tables and analyses.

In terms of dates and versions, this is how a file name changes:

- `-v1-2023-03-28.do` The file is created on 28 March and can keep this name during analyses and continuous editing of the file.
- `-v1p-2023-04-11.do` The final, quality-assured file is posted on 11 April with version changed from `v1` to `v1p` and the date changed to the posting date.
- `-v2-2023-04-24.do` If it becomes necessary to start work on a second version, a copy of the file is created with today's date and `v2` in the file name.
- `-v2p-2023-05-15.do` The new version is posted.

These are examples of complete do-file names:

```
mks-gen-attitudes-to-migration-jorgen-v1p-2023-04-20.do
mks-desc-d61-inequality-nico-v1-2023-14-14.do
mks-mod-d61-socialprotection-jessica-v1p-2023-04-12.do
```

Do-file template and best practices

In the Survey-analyses folder there is a do-file template that can be copied and used for do-files. Regardless of whether you use the template or not, files should follow these standards:

- Specify the purpose of the file in the header section
- Structure the file with headings at different levels (e.g. as illustrated in the template)
- Comment sufficiently for others to understand what is being done, why and how. The less intuitive the code is for an average user, the more commenting is needed.
- Limit the use of abbreviations, at least for less well-known commands and options.

10.15.7 Generating and sharing new variables

Analyses will involve the creation of many new variables, from simple recoded variables to indices that are the outcome of more complex calculations. We need to ensure documentation and sharing when it matters, without making the process more onerous than necessary.

We differentiate between four types of variables, colour-coded for easy reference:

- **Grey:** Variables undergoing quality assurance
- **Black:** Variables for very specific analyses
- **Purple:** Complex general-purpose variables
- **Blue:** Simple general-purpose variables

Figure 8 shows how to classify and manage new variables. The following sections elaborate on the explanations that are given in the figure, so it is best to read the figure first.

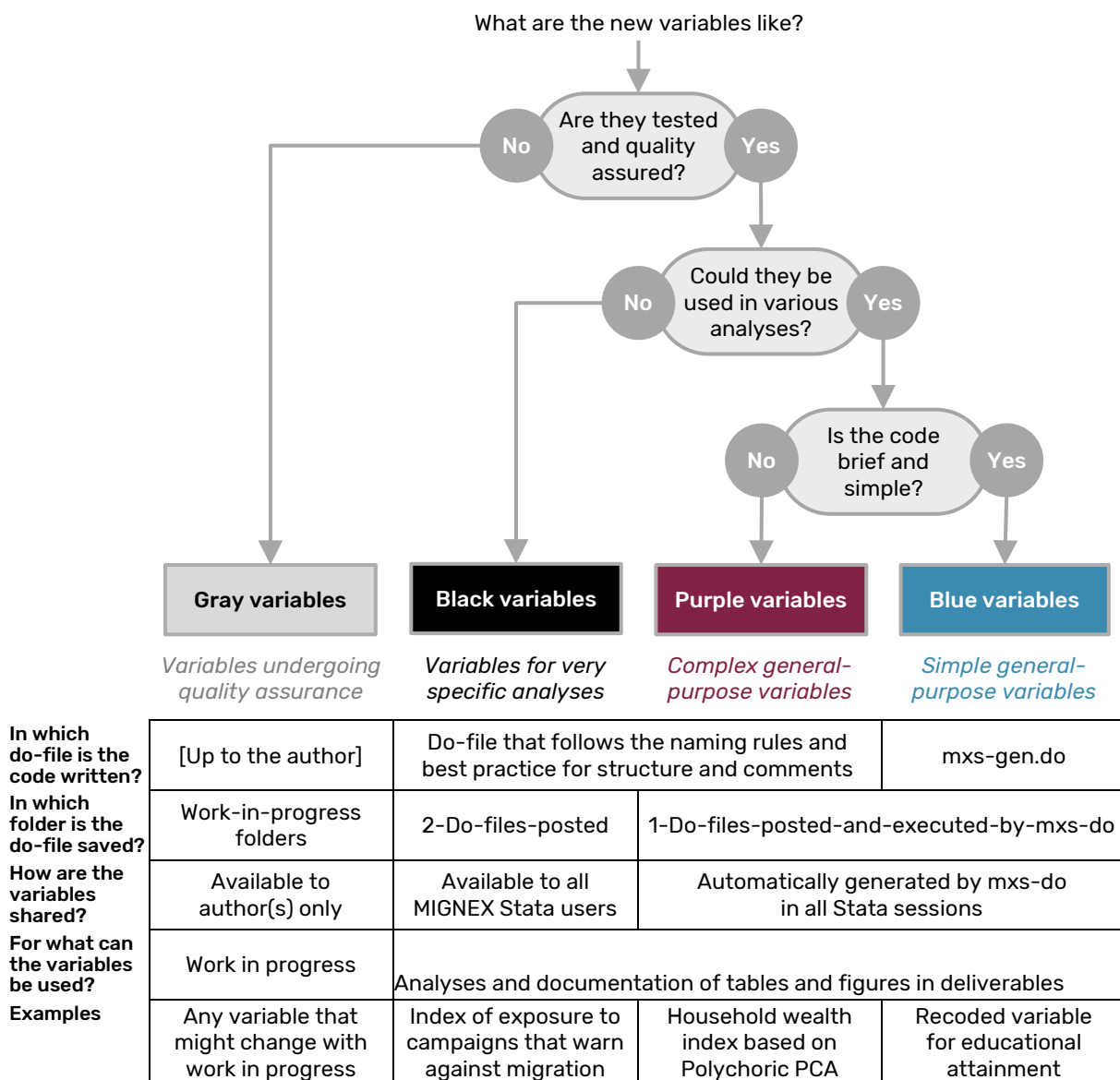


Figure 8. Classification and management of new variables

Grey variables

Grey variables are still subject to bug fixing or refinement, or are just for temporary use. It is up to individual users how they are organized in do-files. They may remain as grey variables for your own use only, or become black, purple or blue variables when you are satisfied with their quality. (Variables that are used in deliverables or publications can't remain grey)

Black variables

Black variables are quality-assured and posted, but for specific analyses rather than for general use. A case in point would be an index of satisfaction with social protection, created for a particular set of regressions. As Figure 8 shows, black variables are posted and available for all MIGNEX Stata users, but they are not run by default at the startup of every user's session. They might be generated within do-files that also contain code for analyses (i.e. `mxs-mi x- ...files`).

Purple variables

Both purple variables and blue variables are potentially useful for diverse analyses and will be automatically generated by `mxs.do`. The difference is that purple variables require more complex coding and/or explanation and are therefore developed in do-files of their own.

Blue variables

Blue variables are simple general-purpose variables that are generated within the shared variable-generation do-file, `mxs-gen.do`. Here it is not the file itself that is posted, but rather the individual sections of code within the file.

10.15.8 Basic standards for purple and blue variables

Since purple and blue variables are automatically added to the data in memory in every Stata session, they should comply with a few basic standards:

1. Name the variable in line with our general variable-naming principles (see 10.9.5).
 - Use standard abbreviations for stems, listed in Table 11, such as 'chn' for children
 - Use standard suffixes, listed in Table 12, such as `_d` for dummy variables
 - Don't include any survey item ID in names of generated variables
2. Specify a variable label, resembling the style of existing labels.
3. Specify value labels for categorical variables, either by defining a new label set or using an existing one (e.g. `yesno` for dummies, specified as `1 "Yes" 0 "No"`).
4. Place the variable into the sequence of variables straight after the variable (or last of the variables) used to generate it, e.g. `order edulevel_c6, after(a06edulevel_c)`. If a new variable is based on variables from disparate sections, place it in the section where it thematically fits best.
5. Consider the handling of missing values. If a new variable is based on questions that were asked to a subset of respondents, it must handle responses of 'don't know' or 'refuse to answer' to the initial filtering question as well as to the questions that are used directly in the new variable. It is often useful to include a comment explaining or justifying how missing values are handled.

6. Quality assure variables by running relevant cross-tabs, *including missing values*, before posting. Consider asking a colleague to review your code.

10.15.9 Using black variables

While blue and purple variables are automatically available after you run the standard startup procedure for your session, black variables are not. To include black variables in your analysis, include a command to first execute the do-file that creates them. For instance, to use the age categories that adjust for heaping in reported age, include this line in your do-file:

```
do "../ 2- Do- files - posted / mxs- gen- agecatah - jorgen - v1p- 2023- 03- 06.do "
```

The two initial dots tell Stata to first move one step up in the folder hierarch (from your work-in-progress folder), where the 2-Do-files-posted folder is located. To run other posted do files, just use the command `do "../2 - Do- files - posted/ [filename] "` with the relevant file name.

10.15.10 Contributing to mxs-gen.do

Blue variables are created by lines of code within the shared variable-generation do-file, `mxs-gen.do`. This section provides instructions for contributing.

The main headings in this file reflect the survey instrument and are coded as bookmarks (Use F2 to jump to next bookmark; Shift+F2 to jump to previous bookmark). Add the code for new variables in the relevant section in this file, so that the code will reflect the sequence of variables in the dataset.

Use the following standard heading format for each new variable (or set of closely related variables): double slash, space, description, space, slashes until the end of the 80-character line. On the following line, after double slash, add the date and name of the contributor:

```
// Description of variable(s) ////////////////////////////////////////////////////////////////////
// YYYY - MMDD [Contributor name]
```

Here is a complete example:

```
// Research area variable with full names and IDs as value labels ////////////////
// 2023 - 03- 15 Jorgen

generate raname = ra
label variable raname "Research area"

label define raname ///
1 "São Nicolau (CPV1)" ///
2 "Boa Vista (CPV2)" ///
3 "Boffa (GIN1)" ///

[ omitted lines ]

26 "Keti Bandar (PAK3)"

* The label for ETH1 includes an asterisk to warn about incomplete data.

label values raname raname
order raname, after(ra)
```

Remember that variables in this file may already have been used in analyses that must be reproducible. Therefore, do not change the specification of a variable that has already been posted in this file. If necessary, block out the lines of code for the original variable definition with `/* */` and add a new version with "v2" added (e.g. `cohabstat_c3` would be replaced by `cohabstat_v2_c3`)

10.15.11 Documentation standards in output from analyses

Project deliverables and other publications must accurately document *which* data were used, and *how*.

At the level of the deliverable or publication

In the text, you can simply refer to ‘the MIGNEX survey’. Whenever the data is used, it must also be *cited*, just like a publication. For the restricted access variant, use the following reference:

Hagen-Zanker, J., Carling, J., Hennessey, G., Memon, R., Rubio, M., Caso, N., Adhanom, T., Ahmed, F., Béji, A., Cisse, A., Diallo, M.M., Dias, P., Duntoye, S., Elçi, E., Ensari, P., Flor, G., Ghous, F., Gilani, B.I., Hassanzai, J., Imtiaz, A., Isik, C., Kandilige, L., Kasavan, C., Majidi, N., Mbaegbu, R., Medina, I.R.S., Mezlini, I., Nwangwu, C., Sam, R., Teoman, M., Teye J., Thenot, E., Üstübici, A. and Yaqubi, H. (2024). MIGNEX Survey Dataset open-access variant [Dataset]. Zenodo. <https://doi.org/10.5281/zenodo.7940505>

At the level of each table or figure in MIGNEX deliverables

In MIGNEX deliverables, each table or figure that uses survey data should have a note that includes the following elements:

- **Data source:** *MIGNEX survey dataset (restricted variant, v1)*.
- **Number of observations** (Unless it is included in the table itself): Either *Number of observations: 12,973* or *N = 12,973*. (Using the number of observations actually included, after any exclusions due to missing values)
- **Weighting specification:** *Data are weighted to reflect the survey design*. (Alternatively, *Unweighted data*.) See 10.15.12 below regarding weights.
- **Specification of the code:** Either the *complete Stata code* used to generate the table or figure, or the name of a *posted do-file* that includes the code.

Examples of notes to a table or figure:

Data source: MIGNEX survey dataset (restricted variant, v1). N=12,253. Data are weighted to reflect the survey design. Specifications: `mxs-desc-d61-inequality-nico-v1p-2023-05-22.do`.

Data source: MIGNEX survey dataset (restricted variant, v1). N=11,774. Specifications: `tabstat c03prefleavecntry_d c06conleavecntry_d c08wouldleave_d [aweight = y_adjweight], stat(mean) by(ra)`. Data are weighted to reflect the survey design.

At the level of each table or figure in other publications

The documentation can be the same as in MIGNEX deliverables, but specification of the code might not be feasible or convenient in, e.g. journal articles. However, it might be pertinent to submit the relevant do-file(s) as supplementary information that are published as online annexes to the article.

10.15.12 Guidelines for pooling, disaggregation, and weighting

MIGNEX was designed with research areas as the main unit of analysis, and this should be reflected in survey data analyses. The survey is approximately representative of the 18-39-year-old population in each research area, and not of any other population.

- Doing analyses separately by research area is often the most appropriate. For instance, the same independent variable could have opposite significant effects in different research areas.
- Data must *never be pooled at the national level*. Doing so would misleadingly imply that the data are nationally representative, which was not the intention of the survey.
- Pooling the data across all research areas can be pertinent for some analyses. Models should then include either research area fixed effects, or relevant research area-level variables.

In the pooled dataset, using either the `svy: prefix` or weighting by `y_adjweight` ensures that each research area has an equal representation, regardless of the precise number of respondents (which ranges from 496 to 549).

For pooled and disaggregated analyses alike, it matters how weighting are specified. There are three options:

1. the `svy: prefix` guarantees correct *point estimates* (e.g. percentages or coefficients) and *errors* (e.g. *SE*, *p*-values, confidence intervals). It is supported by many commands for descriptive statistics and regressions, but not all. See [svy estimation](#) in the Stata manual.
2. Applying the `y_adjweight` to the Stata command produces the same point estimates as the `svy: prefix` for *descriptive statistics*. However, it will not provide correct standard errors. And for regressions, the point estimates, too, will be different.
3. Applying the `y_adjweight` and *adjusting the standard errors for clustering* with `vce(cluster varname)` or `cluster(varname)` is somewhat better, but does not fully account for complex survey designs (such as the MIGNEX survey's) in the way that the `svy: prefix` does. This approach does not reflect sampling *stratification*, which was applied in many MIGNEX research areas and is declared in `svyset`. Even in the absence of stratification, the point estimates may be biased.

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Annex 1: In-country survey teams

Afghanistan

Country coordinator	Nassim Majidi (Samuel Hall)
Survey leads	Jawid Hassanzai (Samuel Hall)
Data manager	Haroon Yaqubi (Samuel Hall)
Fieldwork supervisors	Names known to authors but withheld from public record
Enumerators	Names known to authors but withheld from public record

Cabo Verde

Country coordinator	Jessica Hagen-Zanker (ODI)
Survey lead	Paulino Dias (PD Consult) and Guilherme Flor (MGF Research)
Data manager	Iúri Rodrigo Sousa Medina (MGF Research)
Fieldwork supervisors	Marculino Júlio Piloto and Patrick dos Santos Correia (MGF Research)
Enumerators	Jéssica Monteiro Lima Stiven Edy Pires dos Santos Josiane Silva Monteiro Nailson Jorge Lucas Marilson Gonçalves Aleida Raquel Gomes Sousa Carlos Jorge Mascarenhas Soares Medina Arlete Pires do Rosário Hedinelza Sofia Brito Lopes Nadyr Spencer Morais Mário Gomes Gilda Fernandes (All from MGF Research)

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Annex 2: Country-specific survey instruments

See next page.

MIGNEX survey instrument - Afghanistan

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Legend

- Red** Module headers (not to be read aloud)
- Grey DNRA Not to be read aloud (not applied in Module O, questions for enumerators)
- Grey italic* Instructions for enumerators.
- [KP] 'Key phrases' translated for languages
- P** Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA

(c) Refuse to answer DNRA

A2 Are you married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Shahrake Jabrael/Behsud/Shahrake Mahdia DNRA
- (c) No, elsewhere in Afghanistan DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response. INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) [SELECT LANGUAGE from P4] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] How many boys aged 12-18 years old live in the household?
[T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] Is he enrolled in secondary or high school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] How many of these boys are enrolled in secondary or high school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] How many girls aged 12-18 years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] Is she enrolled in secondary or high school?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] How many of these girls are enrolled in secondary or high school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A25 [ONLY IF A17>0] Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?

DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] What is the age of the youngest one?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many children do you have aged 17 years old or younger who do not live in the same household as you?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF A28=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A31 Overall, would you say schools in Shahrake Jabrael/Behsud/Shahrake Mahdia are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A32 Do you think that, in general, the schools in Shahrake Jabrael/Behsud/Shahrake Mahdia prepare children well for their future? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful, [KP]
- (b) A bit useful, or [KP]
- (c) Not at all useful? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Shahrake Jabrael/Behsud/Shahrake Mahdia women have the same opportunities as men. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Shahrake Jabrael/Behsud/Shahrake Mahdia? Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6 In general, do you find that earning a living and feeding a family in Shahrake Jabrael/Behsud/Shahrake Mahdia is... [KP]**
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult?[KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7 Compared to five years ago, do you think that earning a living and feeding a family in Shahrake Jabrael/Behsud/Shahrake Mahdia has... [KP]**
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8 And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Shahrake Jabrael/Behsud/Shahrake Mahdia to... [KP]**
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9 Have you or another person in your household started a new business during the past year? DNRA**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10 [ONLY IF B9=b] Did the person who started the business invest money or time in the business?**
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11 [ONLY IF B9=(b)] Would you say that this business is...**
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12 Do you plan to open a new business within the next 12 months, or not?**
- (a) No DNRA
 - (b) Yes DNRA

- (c) Possibly DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Shahrake Jabrael/Behsud/Shahrake Mahdia?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Shahrake Jabrael/Behsud/Shahrake Mahdia, and now lives in another country, who has invested in a business here?
DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Shahrake Jabrael/Behsud/Shahrake Mahdia? [KP]

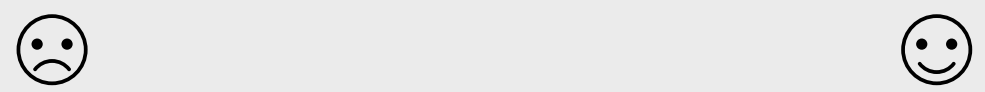
- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
- (b) Makes a bit of a difference, or [KP]
- (c) Makes no difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B17 All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied" where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERIC] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

B18 If you think about the ways in which Shahrake Jabrael/Behsud/Shahrake Mahdia is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
- (b) Mostly changing in bad ways? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

B19 Insufficient income [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B20 Disease and poor health [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B21 Conflict and violence [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration

C1 In five years' time, do you think you'll still be living in Shahrake Jabrael/Behsud/Shahrake Mahdia? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Afghanistan ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Afghanistan ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to? [KP]

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Afghanistan would you like to... [KP]

- (a) Stay here in Shahrake Jabrael/Behsud/Shahrake Mahdia, or
- (b) Move somewhere else?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Afghanistan to live or work in another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Afghanistan? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave.
INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Afghanistan ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Prompt if they say yes, but don't say whether it was for free or for money.
INSTR

C16 Have you ever encouraged anybody else in Shahrake Jabrael/Behsud/Shahrake Mahdia to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Afghanistan and move to a richer country...

- C17 It makes life harder for those who stay behind [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C18 They still contribute to Afghanistan [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C19 They support their family members in Afghanistan [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C20 They often regret that they have left [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C21 They get rich [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C22 If someone from Shahrake Jabrael/Behsud/Shahrake Mahdia wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]**
- (a) Very easy, [KP]
 - (b) Easy, [KP]
 - (c) Difficult, or [KP]
 - (d) Very difficult? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Shahrake Jabrael/Behsud/Shahrake Mahdia is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Shahrake Jabrael/Behsud/Shahrake Mahdia has become...

- (a) Worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Become better? [KP]

- (d) Don't know DNRA
- (e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a bonesetter, Mullah Imam, or herbal practitioner? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in a bonesetter, Mullah Imam, or herbal practitioner died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] How would you say that these measures affected you and your household? Did they...

- (a) Cause severe hardship, [KP]
- (b) Cause some difficulties, or [KP]
- (c) Not make much difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc. DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E1 Government Pension Scheme

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 Martyrs and Disabled Pension Programme

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E5 [ONLY IF E1=(b)] How valuable has Government Pension Scheme been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E6 [ONLY IF E2=(b)] How valuable has the Martyrs and Disabled Pension Programme been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]

- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E9 Would you say that the poor in Shahrake Jabrael/Behsud/Shahrake Mahdia get help from the authorities if they need it? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR

E10 Thinking back to five years ago, has help for the poor from the authorities... [KP]

- (a) Gotten worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Gotten better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in Shahrake Jabrael/Behsud/Shahrake Mahdia can be trusted, or that [KP]
- (b) You can't rely on anybody? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR

E13 What is your religion?

- (a) [SELECT FROM LIST from P6] DNRA
- (b) Atheist, agnostic, no religious beliefs DNRA
- (c) Other [PLEASE SPECIFY] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important, [KP]
- (b) Somewhat important, [KP]
- (c) Not too important, or [KP]

- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] Would you say, you share your faith with others... [KP]

- (a) At least once a week,
- (b) Once or twice a month,
- (c) Several times a year,
- (d) Seldom, or
- (e) Never?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Afghanistan, lived abroad for at least one year and later moved back to Afghanistan?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Shahrake Jabrael/Behsud/Shahrake Mahdia who has moved to another part of Afghanistan during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Shahrake Jabrael/Behsud/Shahrake Mahdia who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES from P5P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] Would you say that you know more than ten people who have moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 **Been deported from abroad and forced to come back to Afghanistan ?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] **Did any of these things happen to you personally?**

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Shahrake Jabrael/Behsud/Shahrake Mahdia?
[KP]

G12 **A TV advert or programme about migration?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 **A workshop or event about migration?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 **A radio programme or advert about migration?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 **Social media or a website about migration?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 **A poster or newspaper advert about migration?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b)] **Do you remember what the campaign or campaigns were telling you to do or not do?**

- (a) Explaining what migration is DNRA

- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] Do you remember the organiser?

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Shahrake Jabrael/Behsud/Shahrake Mahdia,
- (b) Elsewhere in Aghanistan, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES from P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in Shahrake Jabrael/Behsud/Shahrake Mahdia?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'. DNRA INSTR

H5 [ONLY IF H1=(c)] When did you move to Afghanistan for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] When did you move to Shahrake Jabrael/Behsud/Shahrake Mahdia for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] Have you ever lived elsewhere for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] Have you ever been to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] Did you live in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] Other than the country where you grew up, have you lived in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] **In which countries did you live for at least one year?**

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Afghanistan
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Afghanistan DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Shahrake Jabrael/Behsud/Shahrake Mahdia. Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Shahrake Jabrael/Behsud/Shahrake Mahdia. Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
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- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- 14 Thinking about your household's current financial situation, would you say your household is ... [KP]**
- (a) Finding it difficult to get by, [KP]
 - (b) Coping, or [KP]
 - (c) Living comfortably? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- 15 Looking back to five years ago, has your household's financial situation ... [KP]**
- (a) Become better,
 - (b) Stayed the same, or
 - (c) Gotten worse?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- 16 When your parents were the same age as you are now, do you think their standard of living was... [KP]**
- (a) Worse than yours is now,
 - (b) About the same as yours is now, or
 - (c) Better than yours is now?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- 17 When your children are the age you are now, do you think their standard of living will be ... [KP]**
- (a) Worse than yours is now,
 - (b) About the same as yours is now, or
 - (c) Better than yours is now?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR*
- 18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?**
- (a) Never, [KP]
 - (b) Sometimes, [KP]
 - (c) Often, or [KP]
 - (d) Always? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- 19 If you needed 3500 Afghani for an emergency, would you or someone else in your household be able to get it within a week? [T]**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included.
INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of 3500 Afghani – how would you spend the money? [KP]

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Shahrake Jabrael/Behsud/Shahrake Mahdia in the past year? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 [ONLY IF J1=(b)] Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 [ONLY IF J1(a) OR J2=(a)] If you heard about a demonstration for an issue you care about, would you go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in the Presidential and Wolesi Jirga (Parliamentary) elections in 2019? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA



J5 [ONLY IF J4=(b)] Did you vote in that election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- J6 Did you participate in any party meetings or political rallies in the lead-up to the election? [KP] DNRA**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J7 In Shahrake Jabrael/Behsud/Shahrake Mahdia, are voters offered money to vote for a candidate during elections? [KP]**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J8 How much do you trust the police? Do you trust them... [KP]**
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J9 How much do you trust the courts of law? [KP]**
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J10 And how much do you trust the armed forces? [KP]**
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA

- J11** All things considered, how good a job does the District Governor do in running Shahrake Jabrael/Behsud/Shahrake Mahdia? Using this card on which 1 means you think District Governor is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----






- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- J12** Now thinking about the Government of Islamic Republic of Afghanistan, how good a job does it do in running Afghanistan? Using this card on which 1 means you think Government of Islamic Republic of Afghanistan is doing a terrible job and 10 means it is doing an excellent job in running Afghanistan, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

- J13** In Shahrake Jabrael/Behsud/Shahrake Mahdia, how much of a problem is corruption nowadays? Is it... [KP]

- (a) Not at all a problem, [KP]
 (b) A small problem, or [KP]
 (c) A serious problem? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

J14 In the past year, has anyone in Shahrake Jabrael/Behsud/Shahrake Mahdia asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

J15 In your opinion, over the past five years, do you think corruption in Shahrake Jabrael/Behsud/Shahrake Mahdia has...[KP]

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP]
- (b) Doing ok, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in Shahrake Jabrael/Behsud/Shahrake Mahdia it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has Shahrake Jabrael/Behsud/Shahrake Mahdia ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? [KP]

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in Shahrake Jabrael/Behsud/Shahrake Mahdia [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, [KP]
- (c) Courts,
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Shahrake Jabrael/Behsud/Shahrake Mahdia which you may have experienced. [KP]

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L5 [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] How far have these problems affected your household's livelihood or income? [KP]

- (a) Not at all, [KP]
- (b) Somewhat, or [KP]
- (c) Very much? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- L6** If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease? [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

- M1** Is the nearest marketplace within walking distance?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

- M2** [ONLY IF M1=(b)] Roughly how many minutes would it take you to walk there?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- M3** Do you have electricity in your home?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- M4** [ONLY IF M3=(b)] Does the electricity come from...

- (a) The public electric grid, [KP]
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

- M5** What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

*A round trip means walking there and back. Do include any time spent queuing. DNRA
INSTR*

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or

- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 500 Afghani right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 1500 Afghani.' Would you play the game or take the 500 Afghani? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 500 Afghani right now, or you can receive 1500 Afghani in one year.' What would you choose? [KP]

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 500 Afghani right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 3000 Afghani in one year.' Would you play the game or take the 500 Afghani? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

O Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

O1 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

O2 Which research area are you in?

- (a) [SELECT FROM LIST from P2]

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
-
- (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
-
- (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
-
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
-
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST from P4]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists**P1 Enumerator name**

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Shahrake Jabrael
- (b) Behsud
- (c) Shahrake Mahdia

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Dari
- (b) Pashto

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Muslim Sunni
- (b) Muslim Shia
- (c) Hinduism
- (d) Sikh/Sikhism
- (e) Christian/Christianity
- (f)

MIGNEX survey instrument – Cabo Verde

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Legend

- Red** Module headers (not to be read aloud)
- Grey DNRA Not to be read aloud (not applied in Module O, questions for enumerators)
- Grey italic* Instructions for enumerators.
- [KP] ‘Key phrases’ translated for languages
- P** Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don’t know DNRA

(c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in São Nicolau/Boa Vista DNRA
- (c) No, elsewhere in Cabo Verde DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response. INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) [SELECT LANGUAGE from P4] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] How many boys aged 12-17years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] Is he enrolled in secondary school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] How many of these boys are enrolled in secondary school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] How many girls aged 12-17years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] Is she enrolled in secondary school?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] How many of these girls are enrolled in secondary school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A25 [ONLY IF A17>0] Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?

DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] What is the age of the youngest one?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many children do you have aged 17 years old or younger who do not live in the same household as you?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF A28=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A31 Overall, would you say schools in São Nicolau/Boa Vista are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A32 Do you think that, in general, the schools in São Nicolau/Boa Vista prepare children well for their future? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful, [KP]
- (b) A bit useful, or [KP]
- (c) Not at all useful? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In São Nicolau/Boa Vista women have the same opportunities as men. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in São Nicolau/Boa Vista? Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6 In general, do you find that earning a living and feeding a family in São Nicolau/Boa Vista is... [KP]**
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7 Compared to five years ago, do you think that earning a living and feeding a family in São Nicolau/Boa Vista has... [KP]**
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8 And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in São Nicolau/Boa Vista to... [KP]**
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9 Have you or another person in your household started a new business during the past year? DNRA**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10 [ONLY IF B9=b] Did the person who started the business invest money or time in the business?**
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11 [ONLY IF B9=(b)] Would you say that this business is...**
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12 Do you plan to open a new business within the next 12 months, or not?**
- (a) No DNRA
 - (b) Yes DNRA

- (c) Possibly DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in São Nicolau/Boa Vista ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in São Nicolau/Boa Vista, and now lives in another country, who has invested in a business here? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in São Nicolau/Boa Vista? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
- (b) Makes a bit of a difference, or [KP]
- (c) Makes no difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B17 All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied" where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
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- (a) [NUMERIC] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

B18 If you think about the ways in which São Nicolau/Boa Vista is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
- (b) Mostly changing in bad ways? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

B19 Insufficient income [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B20 Disease and poor health [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B21 Conflict and violence [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration

C1 In five years' time, do you think you'll still be living in São Nicolau/Boa Vista? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Cabo Verde? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Cabo Verde? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to? [KP]

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Cabo Verde would you like to... [KP]

- (a) Stay here in São Nicolau/Boa Vista, or
- (b) Move somewhere else?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Cabo Verde to live or work in another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Cabo Verde? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Cabo Verde? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
 (b) Yes, for free DNRA
 (c) Yes, for money DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

*Prompt if they say yes, but don't say whether it was for free or for money.
 INSTR*

C16 Have you ever encouraged anybody else in São Nicolau/Boa Vista to go to a richer country? [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Cabo Verde and move to a richer country...

- C17 It makes life harder for those who stay behind [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C18 They still contribute to Cabo Verde [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C19 They support their family members in Cabo Verde [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C20 They often regret that they have left [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C21 They get rich [KP]**
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C22 If someone from São Nicolau/Boa Vista wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]**
- (a) Very easy, [KP]
 - (b) Easy, [KP]
 - (c) Difficult, or [KP]
 - (d) Very difficult? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in São Nicolau/Boa Vista is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in São Nicolau/Boa Vista has become...

- (a) Worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Become better? [KP]
- (d) Don't know DNRA

(e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for chinese medicine, traditional herbs or medicine? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in São Nicolau/Boa Vista died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] How would you say that these measures affected you and your household? Did they...

- (a) Cause severe hardship, [KP]
- (b) Cause some difficulties, or [KP]
- (c) Not make much difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc. DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E1 Compulsory social protection

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 Social Pension

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E3 Social Inclusion Income

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E5 [ONLY IF E1=(b)] **How valuable has Compulsory social protection been for your household? Would you say that it has been...**

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E6 [ONLY IF E2=(b)] **How valuable has Social pension been for your household? Would you say that it has been...**

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E7 [ONLY IF E3=(b)] **How valuable has Social Inclusion Income been for your household? Would you say that it has been...**

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E9 **Would you say that the poor in São Nicolau/Boa Vista get help from the authorities if they need it? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR

E10 **Thinking back to five years ago, has help for the poor from the authorities... [KP]**

- (a) Gotten worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Gotten better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in São Nicolau/Boa Vista can be trusted, or that [KP]
- (b) You can't rely on anybody? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR

E13 What is your religion?

- (a) [SELECT FROM LIST from P6] DNRA
- (b) Atheist, agnostic, no religious beliefs DNRA
- (c) Other [PLEASE SPECIFY] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important, [KP]
- (b) Somewhat important, [KP]
- (c) Not too important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] Would you say, you share your faith with others... [KP]

- (a) At least once a week,
- (b) Once or twice a month,
- (c) Several times a year,
- (d) Seldom, or
- (e) Never?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Cabo Verde, lived abroad for at least one year and later moved back to Cabo Verde?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] **Has anyone who lives abroad sent money to you or anyone in your household during the past year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] **Was any of the money you received sent by someone who used to live in your household?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 **Do you know anyone who used to live here in São Nicolau/Boa Vista who has moved to another part of Cabo Verde during the past five years?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] **Would you say that you know more than ten people who have done so?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 **Do you know anyone who used to live here in São Nicolau/Boa Vista who has moved to another country during the past five years?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] **Which countries did they go to?**

- (a) [SELECT COUNTRIES from P5P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] **Would you say that you know more than ten people who have moved to another country during the past five years?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Cabo Verde ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in São Nicolau/Boa Vista? [KP]

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] Do you remember the organiser?

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in São Nicolau/Boa Vista,
- (b) Elsewhere in Cabo Verde, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES from P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in São Nicolau/Boa Vista ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'. DNRA INSTR

H5 [ONLY IF H1=(c)] When did you move to Cabo Verde for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] When did you move to São Nicolau/Boa Vista for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] Have you ever lived elsewhere for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] Have you ever been to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] Did you live in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] Other than the country where you grew up, have you lived in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] In which countries did you live for at least one year?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Cabo Verde,
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Cabo Verde DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in São Nicolau/Boa Vista . Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in São Nicolau/Boa Vista . Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 Thinking about your household's current financial situation, would you say your household is ... [KP]

- (a) Finding it difficult to get by, [KP]
- (b) Coping, or [KP]
- (c) Living comfortably? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 Looking back to five years ago, has your household's financial situation ... [KP]

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 When your parents were the same age as you are now, do you think their standard of living was... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 When your children are the age you are now, do you think their standard of living will be ... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 If you needed 15000 Escudos for an emergency, would you or someone else in your household be able to get it within a week? [T]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included.
INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of [15000 Escudos] – how would you spend the money? [KP]

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA
INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in São Nicolau/Boa Vista in the past year? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 [ONLY IF J1=(b)] Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 [ONLY IF J1(a) OR J2=(a)] If you heard about a demonstration for an issue you care about, would you go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in the City Council election in 2016 ? [T]
[KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 [ONLY IF J4=(b)] Did you vote in that election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- J6 Did you participate in any party meetings or political rallies in the lead-up to the election?** [KP] DNRA
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J7 In São Nicolau/Boa Vista, are voters offered money to vote for a candidate during elections?** [KP]
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J8 How much do you trust the police? Do you trust them...** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J9 How much do you trust the courts of law?** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J10 And how much do you trust the armed forces?** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA

J11 All things considered, how good a job does the **Municipal Government** do in running **São Nicolau/Boa Vista** ? Using this card on which 1 means you think **São Nicolau/Boa Vista** is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

J12 Now thinking about the **Government of Cabo Verde in Praia** , how good a job does it do in running **Cabo Verde**? Using this card on which 1 means you think the **Government of Cabo Verde in Praia** is doing a terrible job and 10 means it is doing an excellent job in running **Cabo Verde**, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

J13 In **São Nicolau/Boa Vista**, how much of a problem is corruption nowadays? Is it... [KP]

- (a) Not at all a problem, [KP]
- (b) A small problem, or [KP]
- (c) A serious problem? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

J14 In the past year, has anyone in São Nicolau/Boa Vista asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

J15 In your opinion, over the past five years, do you think corruption in São Nicolau/Boa Vista has... [KP]

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP]
- (b) Doing ok, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in São Nicolau/Boa Vista it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has São Nicolau/Boa Vista ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? [KP]

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in São Nicolau/Boa Vista [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, [KP]
- (c) Courts,
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in São Nicolau/Boa Vista which you may have experienced. [KP]

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L5 [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] How far have these problems affected your household's livelihood or income? [KP]

- (a) Not at all, [KP]
- (b) Somewhat, or [KP]
- (c) Very much? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- L6** If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease? [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

- M1** Is the nearest marketplace within walking distance?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

- M2** [ONLY IF M1=(b)] Roughly how many minutes would it take you to walk there?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- M3** Do you have electricity in your home?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- M4** [ONLY IF M3=(b)] Does the electricity come from...

- (a) The public electric grid, [KP]
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

- M5** What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

*A round trip means walking there and back. Do include any time spent queuing. DNRA
INSTR*

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or

- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 2500 Escudos right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 7500 Escudos'. Would you play the game or take the 2500 Escudos?
? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 2500 right now, or you can receive 7500 Escudos in one year.' What would you choose? [KP]

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 2500 Escudos right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 15000 Escudos in one year.' Would you play the game or take the 2500 Escudos?
[KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

O Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

O1 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

O2 Which research area are you in?

- (a) [SELECT FROM LIST from P2]

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
(b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
(b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
(b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
(b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST from P4]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists

P1 Enumerator name

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) São Nicolau
- (b) Boa Vista

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Creole language (Cabo Verde)
- (b) Creole language (Guiné-Bissau)
- (c) Portuguese
- (d) English
- (e) French
- (f) Spanish
- (g) Italian
- (h) German

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Catholic
- (b) Christian Rationalism
- (c) Church of the Nazarene
- (d) Adventist
- (e) Jehovah's Witnesses
- (f) Assembly of God
- (g) New Apostolic
- (h) Universal Kingdom of God
- (i) God is Love
- (j) Islamic
- (k) Jewish

MIGNEX survey instrument - Ethiopia

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Legend

- Red** Module headers (not to be read aloud)
- Grey DNRA Not to be read aloud (not applied in Module O, questions for enumerators)
- Grey italic* Instructions for enumerators.
- P** Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

- A1 How old are you?**
 - (a) [NUMERICAL, YEARS] DNRA
 - (b) Don't know DNRA
 - (c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Moyale/Batu/Kombolcha DNRA
- (c) No, elsewhere in Ethiopia DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response. INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) Amharic DNRA
- (b) Somali DNRA
- (c) Oromifa DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. INSTR

A12 [ONLY IF A11=(a)] Is the head of household...

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] How many boys aged 14-20 years old live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] Is he enrolled in lower secondary or upper secondary/preparatory school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] How many of these boys are enrolled in lower secondary or upper secondary/preparatory school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] How many girls aged 14-20 years old live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] **Is she enrolled in lower secondary or upper secondary/preparatory school?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] **How many of these girls are enrolled in lower secondary or upper secondary/preparatory school?**

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A25 [ONLY IF A17>0] **Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?**
DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] **What is the age of the youngest one?**

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 **Do you have any children aged 17 years old or younger who do not live in the same household as you?**

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] **How many children do you have aged 17 years old or younger who do not live in the same household as you?**

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] **What is the age of the youngest one?**

[ONLY IF A28=1] **How old is the child?**

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important,
- (b) Quite important,
- (c) Not particularly important, or
- (d) Not at all important?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. INSTR

A31 Overall, would you say schools in Moyale/Batu/Kombolcha are...

- (a) Very bad,
- (b) Bad,
- (c) Fair,
- (d) Good,
- (e) Or very good?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. INSTR

A32 Do you think that, in general, the schools in Moyale/Batu/Kombolcha prepare children well for their future?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful,
- (b) A bit useful, or
- (c) Not at all useful?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Moyale/Batu/Kombolcha women have the same opportunities as men.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Moyale/Batu/Kombolcha? Would you say that it is...

- (a) Very easy,
- (b) Easy,
- (c) Difficult, or
- (d) Very difficult?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or,
- (b) Dissatisfied with this?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well,
- (b) Doing OK, or
- (c) Doing badly?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6 In general, do you find that earning a living and feeding a family in Moyale/Batu/Kombolcha is...**
- (a) Easy,
 - (b) Manageable, or
 - (c) Difficult?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7 Compared to five years ago, do you think that earning a living and feeding a family in Moyale/Batu/Kombolcha has...**
- (a) Become easier,
 - (b) Stayed the same, or
 - (c) Become more difficult?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8 And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Moyale/Batu/Kombolcha to...**
- (a) Become easier,
 - (b) Stay the same, or
 - (c) Become more difficult?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9 Have you or another person in your household started a new business during the past year?**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10 [ONLY IF B9=b] Did the person who started the business invest money or time in the business?**
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11 [ONLY IF B9=(b)] Would you say that this business is...**
- (a) Failing,
 - (b) Struggling,
 - (c) Doing well, or
 - (d) Doing very well?
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12 Do you plan to open a new business within the next 12 months, or not?**
- (a) No DNRA
 - (b) Yes DNRA

- (c) Possibly DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Moyale/Batu/Kombolcha ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Moyale/Batu/Kombolcha, and now lives in another country, who has invested in a business here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Moyale/Batu/Kombolcha ?

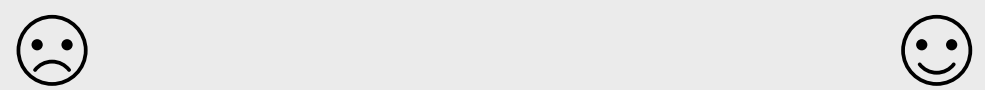
- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For example, international NGOs or UN organisations INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference,
- (b) Makes a bit of a difference, or
- (c) Makes no difference?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B17 All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied" where would you put your satisfaction with life as a whole?

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERIC] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

B18 If you think about the ways in which Moyale/Batu/Kombolcha is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or
- (b) Mostly changing in bad ways?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

B19 Insufficient income

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B20 Disease and poor health

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B21 Conflict and violence

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B22 Climate change

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration

C1 In five years' time, do you think you'll still be living in Moyale/Batu/Kombolcha ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Ethiopia ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Ethiopia?

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to?

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Ethiopia would you like to...

- (a) Stay here in Moyale/Batu/Kombolcha, or
- (b) Move somewhere else?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Ethiopia to live or work in another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Ethiopia?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Ethiopia ?

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries
INSTR

C9 If you were to go to live or work in a richer country, do you think your family would...

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries
INSTR

C14 Has anybody ever encouraged you to go to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Prompt if they say yes, but don't say whether it was for free or for money.
INSTR

C16 Have you ever encouraged anybody else in Moyale/Batu/Kombolcha to go to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Ethiopia and move to a richer country...

C17 It makes life harder for those who stay behind

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C18 They still contribute to Ethiopia

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C19 They support their family members in Ethiopia

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C20 They often regret that they have left

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C21 They get rich

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C22 If someone from Moyale/Batu/Kombolcha wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be...

- (a) Very easy,
- (b) Easy,
- (c) Difficult, or
- (d) Very difficult?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Moyale/Batu/Kombolcha is...

- (a) Very bad,
- (b) Bad,
- (c) Fair,
- (d) Good, or
- (e) Very good?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Moyale/Batu/Kombolcha has become...

- (a) Worse,
- (b) Stayed the same, or
- (c) Become better?
- (d) Don't know DNRA

(e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance traditional medicine?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are witch doctors, herbalists, priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is...

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health?

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in Moyale/Batu/Kombolcha died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] How would you say that these measures affected you and your household? Did they...

- (a) Cause severe hardship,
- (b) Cause some difficulties, or
- (c) Not make much difference?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc. INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year?

E1 Idir

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 Ekub

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E3 Salaq

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E4 Community based health

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- E5** [ONLY IF E1=(b)] **How valuable has Idir been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E6** [ONLY IF E2=(b)] **How valuable has Ekub been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E7** [ONLY IF E3=(b)] **How valuable has Salaq been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E8** [ONLY IF E4=(b)] **How valuable has Community based health been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E9** **Would you say that the poor in Moyale/Batu/Kombolcha get help from the authorities if they need it?**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. INSTR*
- E10** **Thinking back to five years ago, has help for the poor from the authorities...**
- (a) Gotten worse,
 - (b) Stayed the same, or
 - (c) Gotten better?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E11** **Would you say that...**
- (a) Most people in Moyale/Batu/Kombolcha can be trusted, or that

- (b) You can't rely on anybody?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. INSTR

E13 What is your religion?

- (a) Orthodox Ethiopian Church DNRA
- (b) Protestant DNRA
- (c) Evangelical DNRA
- (d) Muslim DNRA
- (e) Atheist, agnostic, no religious beliefs DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important,
- (b) Somewhat important,
- (c) Not too important, or
- (d) Not at all important?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] Would you say, you share your faith with others...

- (a) Daily,
- (b) At least once a week,
- (c) Once or twice a month,
- (d) Several times a year,
- (e) Seldom, or
- (f) Never?
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Ethiopia , lived abroad for at least one year and later moved back to Ethiopia ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] **Has anyone who lives abroad sent money to you or anyone in your household during the past year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends.

INSTR

F10 [ONLY IF F9=(b)] **Was any of the money you received sent by someone who used to live in your household?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 **Do you know anyone who used to live here in Moyale/Batu/Kombolcha who has moved to another part of Ethiopia during the past five years?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] **Would you say that you know more than ten people who have done so?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 **Do you know anyone who used to live here in Moyale/Batu/Kombolcha who has moved to another country during the past five years?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] **Which countries did they go to?**

- (a) [SELECT COUNTRIES from P5P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] **Would you say that you know more than ten people who have moved to another country during the past five years?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Ethiopia?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Moyale/Batu/Kombolcha?

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants DNRA
- (g) Warning people about dangers of smuggling DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] Do you remember the organiser?

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Moyale/Batu/Kombolcha,
- (b) Elsewhere in Ethiopia, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in Moyale/Batu/Kombolcha ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H5 [ONLY IF H1=(c)] When did you move to Ethiopia for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] When did you move to Moyale/Batu/Kombolcha for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] Have you ever lived elsewhere for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] Have you ever been to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] Did you live in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] Other than the country where you grew up, have you lived in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] In which countries did you live for at least one year?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Ethiopia,
- (g) Support or aid from the authorities or other organisations, or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

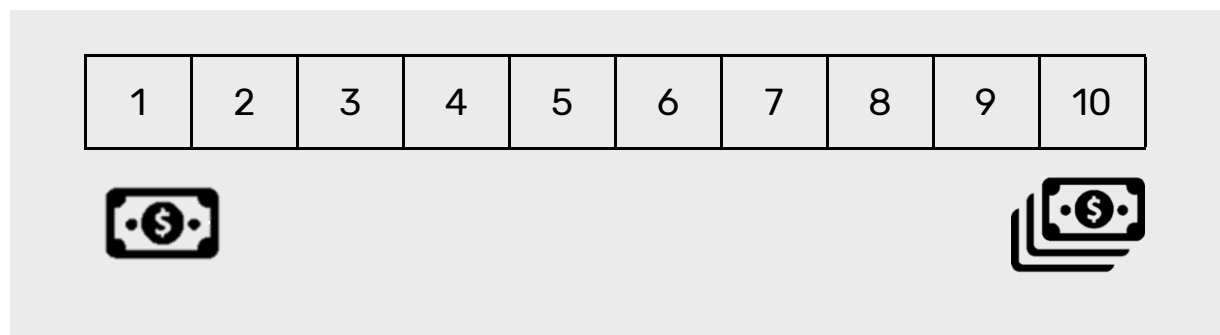
Wages is a regular income paid by an employer. INSTR

12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Ethiopia DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Moyale/Batu/Kombolcha. Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Moyale/Batu/Kombolcha. Where would you place your own household?



- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 Thinking about your household's current financial situation, would you say your household is ...

- (a) Finding it difficult to get by,
- (b) Coping, or
- (c) Living comfortably?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 Looking back to five years ago, has your household's financial situation ...

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 When your parents were the same age as you are now, do you think their **standard of living was...**

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 When your children are the age you are now, do you think their **standard of living will be ...**

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?

- (a) Never,
- (b) Sometimes,
- (c) Often, or
- (d) Always?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 If you needed 2000 birr for an emergency, would you or someone else in your household be able to get it within a week?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money?

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included.
INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of 2000 birr – how would you spend the money?

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Moyale/Batu/Kombolcha in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 [ONLY IF J1=(b)] Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 [ONLY IF J1(a) OR J2=(a)] If you heard about a demonstration for an issue you care about, would you go?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in 2021 General Election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 [ONLY IF J4=(b)] Did you vote in that election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J6 Did you participate in any party meetings or political rallies in the lead-up to the election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J7 In Moyale/Batu/Kombolcha, are voters offered money to vote for a candidate during elections?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J8 How much do you trust the police? Do you trust them...

- (a) Completely,
- (b) Mostly,
- (c) A little, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J9 How much do you trust the courts of law?



- (a) Completely,
- (b) Mostly,
- (c) A little, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J10 And how much do you trust the armed forces?

- (a) Completely,
- (b) Mostly,
- (c) A little, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

- J11** All things considered, how good a job does the Moyale/Batu/Kombolcha Woreda do in running Moyale/Batu/Kombolcha ? Using this card on which 1 means you think Moyale/Batu/Kombolcha Woreda is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----






- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- J12** Now thinking about the Federal Government of Ethiopia in Addis Abbaba do in running Ethiopia ? Using this card on which 1 means you think Federal Government is doing a terrible job and 10 means it is doing an excellent job in running Ethiopia, where would you put it?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

- J13** In Moyale/Batu/Kombolcha, how much of a problem is corruption nowadays? Is it...

- (a) Not at all a problem,
 (b) A small problem, or
 (c) A serious problem?
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J14 In the past year, has anyone in Moyale/Batu/Kombolcha asked you, or expected you, to pay a bribe for his or her services?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. INSTR

J15 In your opinion, over the past five years, do you think corruption in Moyale/Batu/Kombolcha has...

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are...

- (a) Doing well,
- (b) Doing ok, or
- (c) Doing badly?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

K Security

K1 Do you think that here in Moyale/Batu/Kombolcha it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. INSTR

K2 Compared to five years ago, has Moyale/Batu/Kombolcha...

- (a) Become more dangerous,
- (b) Stayed the same,
- (c) Or become safer?
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery?

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in Moyale/Batu/Kombolcha

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group,
- (c) Courts,
- (d) National authorities,
- (e) Community leaders,
- (f) Religious leaders,
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well,
- (b) Doing OK, or
- (c) Doing badly?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Moyale/Batu/Kombolcha which you may have experienced.

L0 In the last five years, has your household been affected by water pollution?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile.

INSTR

L4 And has it been affected by crop or livestock disease?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L5 [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] **How far have these problems affected your household's livelihood or income?**

- (a) Not at all,
- (b) Somewhat, or
- (c) Very much?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L6 **If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease?**

- (a) Not at all,
- (b) Somewhat, or
- (c) Very much?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

M1 **Is the nearest marketplace within walking distance?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

M2 [ONLY IF M1=(b)] **Roughly how many minutes would it take you to walk there?**

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

M3 **Do you have electricity in your home?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M4 [ONLY IF M3=(b)] **Does the electricity come from...**

- (a) The public electric grid,
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M5 What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A round trip means walking there and back. Do include any time spent queuing.
INSTR

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never,
- (b) Sometimes,

- (c) Often, or
- (d) Always?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or
- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 300 birr right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 900 birr.' Would you play the game or take the 300 birr?

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 300 birr right now, or you can receive 900 birr in one year.' What would you choose?

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 300 birr right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 1800 birr in one year.' Would you play the game or take the 300 birr?

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

0 Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

01 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

02 Which research area are you in?

- (a) Kombolcha
- (b) Batu
- (c) Moyale

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [ETH_- _ _ _ _ _ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes

- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

- 019** **Please record your GPS location**
- 020** **What gender is the respondent?**
(a) Female
(b) Male
- 021** **What language was the interview conducted in?**
(a) Amharic
(b) Somali
(c) Oromifa
- 022** **Was the respondent bored or impatient?**
(a) No
(b) Yes
- 023** **Do you think anyone influenced the respondent's answers during the interview?**
(a) No
(b) Yes
- 024** **Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?**
(a) No
(b) Yes
- 025** **Was there any other problem in the interview?**
(a) No
(b) Yes [PLEASE SPECIFY]

P Annex: drop down lists

P1 Enumerator name

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Kombolcha
- (b) Batu

P3 MoyaleCluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Amharic
- (b) Somali
- (c) Oromifa

P5 Country list

- (a) Germany
- (b) Jordan
- (c) Kenya
- (d) Lebanon
- (e) Qatar
- (f) Saudi Arabia
- (g) Sudan
- (h) Turkey
- (i) United Arab Emirates
- (j) Australia
- (k) Austria
- (l) Belgium
- (m) Cyprus
- (n) Czech Republic
- (o) Denmark
- (p) Djibouti
- (q) Egypt
- (r) Eritrea
- (s) Finland
- (t) France
- (u) Greece
- (v) Hungary
- (w) Israel
- (x) Italy
- (y) Kuwait
- (z) Libya

- (aa) Netherlands
- (bb) New Zealand
- (cc) Norway
- (dd) Oman
- (ee) Somalia
- (ff) South Africa
- (gg) Spain
- (hh) Sweden
- (ii) Switzerland
- (jj) Tanzania
- (kk) Uganda
- (ll) United Kingdom
- (mm) United States
- (nn) Yemen
- (oo) Other

P6 Religion list

- (a) Orthodox Ethiopian Church
- (b) Protestant
- (c) Evangelical
- (d) Muslim

MIGNEX survey instrument - Ghana

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Legend

Red	Module headers (not to be read aloud)
Grey	Not to be read aloud (not applied in Module O, questions for enumerators)
<i>Grey italic</i>	Instructions for enumerators.
[KP]	'Key phrases' translated for languages, in which only key phrases are translated (see MIGNEX Handbook Chapter 7 section on translation).

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Gbane/Golf City/New Takoradi DNRA
- (c) No, elsewhere in Ghana DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response.
INSTR

**A5 When you were a child, what language did you speak at home with your parents?
[multiple response possible]**

- (a) [SELECT LANGUAGE] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If they spoke a different language with their mother and father, select both languages.
INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- A19** [ONLY IF A17>0] **How many boys aged 12-17 years old live in the household?** [T]
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- A20** [ONLY IF A19(a)=1] **Is he enrolled in secondary school?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A21** [ONLY IF A19(a) >1] **How many of these boys are enrolled in secondary school?**
- (a) [NUMERICAL] DNRA
 (b) Some of them, but don't know the exact number DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A22** [ONLY IF A17>0] **How many girls aged 12-17years old live in the household?** [T]
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- A23** [ONLY IF A22(a)=1] **Is she enrolled in secondary school?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A24** [ONLY IF A22(a) >1] **How many of these girls are enrolled in secondary school?**
- (a) [NUMERICAL] DNRA
 (b) Some of them, but don't know the exact number DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A25** [ONLY IF A17>0] **Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?**
 DNRA
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- This includes biological, fostered or adopted children. INSTR*
- A26** [ONLY IF A25>0] **What is the age of the youngest one?**
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27>0] How many children do you have aged 17 years old or younger who do not live in the same household as you??

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF Error! Reference source not found.=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A30 Now I have some questions about education and schools. How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A31 Overall, would you say schools in Gbane/Golf City/New Takoradi are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

- A32** Do you think that, in general, the schools in Gbane/Golf City/New Takoradi prepare children well for their future? **[KP]**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A33** Have you participated in any vocational or skills training course in the last five years? **[KP]**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A34** **[ONLY IF A32=(b)]** Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...
- (a) Very useful, **[KP]**
 (b) A bit useful, or **[KP]**
 (c) Not at all useful? **[KP]**
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

- A35** In Gbane/Golf City/New Takoradi women have the same opportunities as men. **[KP]**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A36** Only men should be responsible for providing income. **[KP]**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A37** Education is more important for boys than girls. **[KP]**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A38** When a mother works for pay, the children suffer. **[KP]**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Gbane/Golf City/New Takoradi
? Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP] DNRA
- (d) Very difficult? [KP] DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary,
- (b) Farming, fishing, or rearing animals,
- (c) Working on your own account or running a business,
- (d) Studying,
- (e) Unemployed,
- (f) Not working because of long-term sickness or disability [KP]
- (g) Doing unpaid housework, looking after children or other persons, or [KP]
- (h) Doing something else? [PLEASE SPECIFY]
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6** In general, do you find that earning a living and feeding a family in Gbane/Golf City/New Takoradi is... [KP]
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7** Compared to five years ago, do you think that earning a living and feeding a family in Gbane/Golf City/New Takoradi has... [KP]
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8** And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Gbane/Golf City/New Takoradi to... [KP]
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9** Have you or another person in your household started a new business during the past year? DNRA
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- NOTE TO TRANSLATORS: We say "during the past year" to refer to the 12 months preceding the interview. The phrase "since one year ago" would have the same meaning and is also acceptable. Do not translate this as "last year", which would have a different meaning DNRA*
- B10** [ONLY IF B9=b] Did the person who started the business invest money or time in the business?
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11** [ONLY IF B9=(b)] Would you say that this business is...
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA

B12 Do you plan to open a new business within the next 12 months, or not?

- (a) No DNRA
- (b) Yes DNRA
- (c) Possibly DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Gbane/Golf City/New Takoradi?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

**B14 Do you know of any person who used to live in Gbane/Golf City/New Takoradi , and now lives in another country, who has invested in a business here?
DNRA**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Gbane/Golf City/New Takoradi ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA



For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
- (b) Makes a bit of a difference, or [KP]
- (c) Makes no difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B17** All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are “completely dissatisfied” and 10 means you are “completely satisfied” where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERIC] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- B18** If you think about the ways in which Gbane/Golf City/New Takoradi is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
 (b) Mostly changing in bad ways? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

- B19** Insufficient income [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B20** Disease and poor health [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B21** Conflict and violence [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration**C1 In five years' time, do you think you'll still be living in Gbane/Golf City/New Takoradi ? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Ghana ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Ghana ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA
- (e)

C4 [ONLY IF C3=(a)] Which country would you like to go to? [KP]

- (a) [SELECT COUNTRY] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Ghana would you like to... [KP]

- (a) Stay here in Gbane/Golf City/New Takoradi, or

- (b) Move somewhere else?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Ghana to live or work in another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave.

INSTR

NOTE TO TRANSLATORS: We say "during the past year" to refer to the 12 months preceding the interview. The phrase "since one year ago" would have the same meaning and is also acceptable. Do not translate this as "last year", which would have a different meaning.

C7 During the past year, have you thought seriously about going to live or work somewhere else in Ghana ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave.

INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Ghana ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.

DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.

DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

*Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR*

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

*Prompt if they say yes, but don't say whether it was for free or for money.
INSTR*

C16 Have you ever encouraged anybody else in Gbane/Golf City/New Takoradi to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Ghana and move to a richer country...

- C17** It makes life harder for those who stay behind [KP]
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C18** They still contribute to Ghana [KP]
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C19** They support their family members in Ghana [KP]
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C20** They often regret that they have left [KP]
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C21** They get rich [KP]
- (a) Agree DNRA
 - (b) Neither agree nor disagree DNRA
 - (c) Disagree DNRA
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- C22** If someone from Gbane/Golf City/New Takoradi wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]
- (a) Very easy, [KP]
 - (b) Easy, [KP]
 - (c) Difficult, or [KP]
 - (d) Very difficult? [KP]

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

(a)

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

- (b) It was not necessary DNRA
- (c) Received other kinds of health care (not formal health care) DNRA
- (d) Too far away/no transportation DNRA
- (e) Waiting time too long DNRA
- (f) Quality not good DNRA
- (g) Couldn't afford to pay DNRA
- (h) Don't have health insurance DNRA
- (i) Didn't know where to go DNRA
- (j) Don't feel welcome at health centre or clinic DNRA
- (k) Other [PLEASE SPECIFY] DNRA
- (l) Don't know DNRA
- (m) Refuse to answer DNRA

D4 Generally speaking, would you say formal health care in Gbane/Golf City/New Takoradi is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Gbane/Golf City/New Takoradi has become...

- (a) Worse, [KP]

- (b) Stayed the same, or [KP]
- (c) Become better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA
- (f)

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a herbalist or witch doctor? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in Gbane/Golf City/New Takoradi died from the virus?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] **Have you or others in your household been seriously ill from the virus?**

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] **Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?**

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D11=(a)] **How would you say that these measures affected you and your household? Did they...**

- (a) Cause severe hardship, [KP]
- (b) Cause some difficulties, or [KP]
- (c) Not make much difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc. DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E1 National Health Insurance Scheme (NHIS)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 Livelihood Empowerment Against Poverty (LEAP)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E3 School Feeding Programme

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E4 Social Security and National Insurance Trust (SSNIT)

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E5 [ONLY IF E1=(b)] How valuable has National Health Insurance Scheme (NHIS) been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E6 [ONLY IF E2=(b)] How valuable has Livelihood Empowerment Against Poverty (LEAP) been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E7 [ONLY IF E3=(b)] How valuable has School Feeding Programme been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E8 [ONLY IF E4=(b)] How valuable has Social Security and National Insurance Trust (SSNIT) been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E9 Would you say that the poor in the authorities if they need it? Gbane/Golf City/New Takoradi get help from [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR

E10 Thinking back to five years ago, has help for the poor from the authorities... [KP]

- (a) Gotten worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Gotten better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in Gbane/Golf City/New Takoradi can be trusted, or that [KP]
- (b) You can't rely on anybody? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR

NOTE TO TRANSLATORS: We say "during the past year" to refer to the 12 months preceding the interview. The phrase "since one year ago" would have the same meaning and is also acceptable. Do not translate this as "last year", which would have a different meaning

E13 What is your religion?

- (a) [SELECT FROM LIST] DNRA
- (b) Atheist, agnostic, no religious beliefs DNRA
- (c) Other [PLEASE SPECIFY] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important, [KP]
- (b) Somewhat important, [KP]
- (c) Not too important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] Would you say, you share your faith with others... [KP]

- (a) At least once a week,
- (b) Once or twice a month,
- (c) Several times a year,
- (d) Seldom, or
- (e) Never?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Ghana , lived abroad for at least one year and later moved back to Ghana ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F3=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

F6 [ONLY IF F3=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Gbane/Golf City/New Takoradi who has moved to another part of Ghana during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Gbane/Golf City/New Takoradi who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

G5 [ONLY IF G3=(b)] **Would you say that you know more than ten people who have moved to another country during the past five years?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 **Been injured whilst on the way to move to another country? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 **Lost their life on the way to move to another country? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 **Been detained on the way to move to another country, not reaching their destination? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 **Tried to move to one particular country, but was stuck in another country instead? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 **Been deported from abroad and forced to come back to Ghana ? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 **[ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?**

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Gbane/Golf City/New Takoradi? [KP]

NOTE TO TRANSLATORS: We say “during the past year” to refer to the 12 months preceding the interview. The phrase “since one year ago” would have the same meaning and is also acceptable. Do not translate this as “last year”, which would have a different meaning

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] **Do you remember the organiser?**

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Gbane/Golf City/New Takoradi,
- (b) Elsewhere in Ghana, or
- (c) In another country? [SELECT COUNTRY] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in Gbane/Golf City/New Takoradi ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information

about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'. DNRA INSTR

- H5** [ONLY IF H1=(c)] **When did you move to Ghana for the first time?**
- (a) [Number of years ago] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- H6** [ONLY IF H1=(b) OR (c)] **When did you move to Gbane/Golf City/New Takoradi for the first time?**
- (a) [Number of years ago] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- H7** [ONLY IF H1=(a)] **Have you ever lived elsewhere for at least one year?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H8** [ONLY IF H1 IS NOT (c)] **Have you ever been to another country?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H9** [ONLY IF H8=(b)] **Did you live in another country for at least one year?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H10** [ONLY IF H1=(c)] **Other than the country where you grew up, have you lived in another country for at least one year?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H11** [ONLY IF H9=(b) OR H10=(b)] **In which countries did you live for at least one year?**
- (a) [SELECT COUNTRIES] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Ghana,
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Ghana DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Gbane/Golf City/New Takoradi. Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Gbane/Golf City/New Takoradi. Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
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- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- 14 Thinking about your household's current financial situation, would you say your household is ... [KP]**
- (a) Finding it difficult to get by, [KP]
 - (b) Coping, or [KP]
 - (c) Living comfortably? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- 15 Looking back to five years ago, has your household's financial situation ... [KP]**
- (a) Become better,
 - (b) Stayed the same, or
 - (c) Gotten worse?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- 16 When your parents were the same age as you are now, do you think their standard of living was... [KP]**
- (a) Worse than yours is now,
 - (b) About the same as yours is now, or
 - (c) Better than yours is now?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- 17 When your children are the age you are now, do you think their standard of living will be ... [KP]**
- (a) Worse than yours is now,
 - (b) About the same as yours is now, or
 - (c) Better than yours is now?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR*
- 18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?**
- (a) Never, [KP]
 - (b) Sometimes, [KP]
 - (c) Often, or [KP]
 - (d) Always? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- 19 If you needed 500 Cedi for an emergency, would you or someone else in your household be able to get it within a week? [T]**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included.
INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of 500 Cedi – how would you spend the money? [KP]

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other (specify) DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA
INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Gbane/Golf City/New Takoradi in the past year? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

NOTE TO TRANSLATORS: We say "during the past year" to refer to the 12 months preceding the interview. The phrase "since one year ago" would have the same meaning and is also acceptable. Do not translate this as "last year", which would have a different meaning DNRA

J2 [ONLY IF J1=(b)] Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 [ONLY IF J1(a) OR J2=(a)] If you heard about a demonstration for an issue you care about, would you go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in the General (Presidential and Parliamentary) elections in 2016 ? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 [ONLY IF J4=(b)] **Did you vote in that election?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J6 **Did you participate in any party meetings or political rallies in the lead-up to the election?** [KP] DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J7 **In Gbane/Golf City/New Takoradi, are voters offered money to vote for a candidate during elections?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J8 **How much do you trust the police? Do you trust them...** [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J9 **How much do you trust the courts of law?** [KP]



- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J10 **And how much do you trust the armed forces?** [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J11 All things considered, how good a job does the District Assembly do in running Gbane/Golf City/New Takoradi ? Using this card on which 1 means you think District Assembly is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----






- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

J12 Now thinking about the Government of Ghana in Accra, how good a job does it do in running Ghana ? Using this card on which 1 means you think Government of Ghana in Accra is doing a terrible job and 10 means it is doing an excellent job in running Ghana , where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

J13 In Gbane/Golf City/New Takoradi , how much of a problem is corruption nowadays? Is it... [KP]

- (a) Not at all a problem, [KP]
- (b) Not much of a problem, [KP]
- (c) A slight problem, [KP]
- (d) A serious problem? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

J14 In the past year, has anyone in Gbane/Golf City/New Takoradi asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

NOTE TO TRANSLATORS: We say "during the past year" to refer to the 12 months preceding the interview. The phrase "since one year ago" would have the same meaning and is also acceptable. Do not translate this as "last year", which would have a different meaning DNRA

J15 In your opinion, over the past five years, do you think corruption in Gbane/Golf City/New Takoradi has...[KP]

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP] DNRA
- (b) Doing ok, or [KP] DNRA
- (c) Doing badly? [KP] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in Gbane/Golf City/New Takoradi it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has Gbane/Golf City/New Takoradi ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in **Gbane/Golf City/New Takoradi**
[KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, [KP]
- (c) Courts, DNRA
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP] DNRA
- (b) Doing OK, or [KP] DNRA
- (c) Doing badly? [KP] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Gbane/Golf City/New Takoradi which you may have experienced. [KP]

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- L5** [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] **How far have these problems affected your household's livelihood or income?** [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

- L6** **If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease?** [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

- M1** **Is the nearest marketplace within walking distance?**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

- M2** [ONLY IF M1=(b)] **Roughly how many minutes would it take you to walk there?**
- (a) [NUMERICAL, MINUTES] DNRA
 - (b) Don't know DNRA
 - (c) Refuse to answer DNRA

- M3** **Do you have electricity in your home?**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA

- M4** [ONLY IF M3=(b)] **Does the electricity come from...**
- (a) The public electric grid, [KP]
 - (b) A generator,
 - (c) Solar power, or
 - (d) Another source? [PLEASE SPECIFY]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA

M5 What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

*A round trip means walking there and back. Do include any time spent queuing. DNRA
INSTR*

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never, [KP] DNRA
- (b) Sometimes, [KP] DNRA
- (c) Often, or [KP] DNRA
- (d) Always? [KP] DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or
- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 100 Cedi right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 300 Cedi .'. Would you play the game or take the 100 Cedi ? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

NOTE TO TRANSLATORS: Please translate 'heads and 'tails' with the words that are used to describe the two sides of a coin in the relevant national currency that would typically be used to toss a coin.

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 100 Cedi right now, or you can receive 300 Cedi in one year.' What would you choose? [KP]

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 100 Cedi right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 600 Cedi in one year.' Would you play the game or take the 100 Cedi? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

0 Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

01 What is your name?

- (a) [SELECT FROM LIST]
- (b) Other [PLEASE SPECIFY]

02 Which research area are you in?

- (a) [SELECT FROM LIST]

03 Which cluster are you in?

- (a) [SELECT FROM LIST]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please introduce yourself and the MIGNEX survey. Is there anyone in the household aged 18-39 years old?

- (a) Yes
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the required information to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists

P1 Enumerator name

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Gbane
- (b) Golf City
- (c) New Takoradi

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Twi
- (b) Fante
- (c) Ga
- (d) Frafra
- (e) Talen
- (f) Kusaal
- (g) Ewe
- (h) Kasem
- (i) Dagbani
- (j) Gonja
- (k) Hausa
- (l) Buuli
- (m) Nankam
- (n) Nzema
- (o) Sissali
- (p) Waali
- (q) Dagaare
- (r) Dangme
- (s) English

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Catholic
- (b) Protestan (Methodist, Presbyterian, Anglican etc)
- (c) Pentecostal/Charismatic
- (d) Other Christian
- (e) Islam

MIGNEX survey instrument - Guinea

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Modules

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Legend

- Red** Module headers (not to be read aloud)
- Grey DNRA Not to be read aloud (not applied in Module O, questions for enumerators)
- Grey italic* Instructions for enumerators.
- [KP] 'Key phrases' translated for languages
- P** Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Boffa/Dialakoro DNRA
- (c) No, elsewhere in Guinea DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response.
INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) [SELECT LANGUAGE from P4] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] How many boys aged 12-18 years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] Is he enrolled in college or lycée?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] How many of these boys are enrolled in college or lycée?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] How many girls aged 12-18 years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] Is she enrolled in college or lycée?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] How many of these girls are enrolled in college or lycée?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A25 [ONLY IF A17>0] Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?

DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] What is the age of the youngest one?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many children do you have aged 17 years old or younger who do not live in the same household as you?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF A28=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion.

DNRA INSTR

A31 Overall, would you say schools in Boffa/Dialakoro are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA

INSTR

A32 Do you think that, in general, the schools in Boffa/Dialakoro prepare children well for their future? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful, [KP]
- (b) A bit useful, or [KP]
- (c) Not at all useful? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Boffa/Dialakoro women have the same opportunities as men. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Boffa/Dialakoro ? Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6** In general, do you find that earning a living and feeding a family in Boffa/Dialakoro is... [KP]
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7** Compared to five years ago, do you think that earning a living and feeding a family in Boffa/Dialakoro has... [KP]
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8** And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Boffa/Dialakoro to... [KP]
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9** Have you or another person in your household started a new business during the past year? DNRA
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10** [ONLY IF B9=b] Did the person who started the business invest money or time in the business?
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11** [ONLY IF B9=(b)] Would you say that this business is...
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12** Do you plan to open a new business within the next 12 months, or not?
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Possibly DNRA

- (d) Don't know DNRA
 (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Boffa/Dialakoro ?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Boffa/Dialakoro , and now lives in another country, who has invested in a business here? DNRA

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Boffa/Dialakoro ? [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA



For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
 (b) Makes a bit of a difference, or [KP]
 (c) Makes no difference? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

B17 All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied" where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERIC] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

B18 If you think about the ways in which Boffa/Dialakoro is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
 (b) Mostly changing in bad ways? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

B19 Insufficient income [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B20 Disease and poor health [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B21 Conflict and violence [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration

C1 In five years' time, do you think you'll still be living in Boffa/Dialakoro ? [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] **Do you think you'll still be living in Guinea ?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 **Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Guinea ?** [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] **Which country would you like to go to?** [KP]

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 **If you stay in Guinea would you like to...** [KP]

- (a) Stay here in Boffa/Dialakoro, or
- (b) Move somewhere else?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 **During the past year, have you thought seriously about leaving Guinea to live or work in another country?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 **During the past year, have you thought seriously about going to live or work somewhere else in Guinea ?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Guinea ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.

DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.

DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.

DNRA INSTR

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Prompt if they say yes, but don't say whether it was for free or for money. INSTR

C16 Have you ever encouraged anybody else in Boffa/Dialakoro to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Guinea and move to a richer country...

C17 It makes life harder for those who stay behind [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C18 They still contribute to Guinea [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C19 They support their family members in Guinea [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C20 They often regret that they have left [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C21 They get rich [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C22 If someone from Boffa/Dialakoro wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Boffa/Dialakoro is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Boffa/Dialakoro has become...

- (a) Worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Become better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a traditional herbal healer or witch doctor? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in Boffa/Dialakoro died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] **Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?**

- (a) No DNRA
- (b) Yes DNRA**
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] **How would you say that these measures affected you and your household? Did they...**

- (a) Cause severe hardship, [KP]
- (b) Cause some difficulties, or [KP]
- (c) Not make much difference? [KP]**
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc.
DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E1 Cantines Scolaires

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 CNSS

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- E5** [ONLY IF E1=(b)] How valuable has Canteines Scolaires been for your household? Would you say that it has been...
- (a) Very valuable, [KP]
 (b) A bit valuable, or [KP]
 (c) Not valuable? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- E6** [ONLY IF E2=(b)] How valuable has CNSS been for your household? Would you say that it has been...
- (a) Very valuable, [KP]
 (b) A bit valuable, or [KP]
 (c) Not valuable? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- E9** Would you say that the poor in Boffa/Dialakoro get help from the authorities if they need it? [KP]
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR*
- E10** Thinking back to five years ago, has help for the poor from the authorities... [KP]
- (a) Gotten worse, [KP]
 (b) Stayed the same, or [KP]
 (c) Gotten better? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- E11** Would you say that...
- (a) Most people in Boffa/Dialakoro can be trusted, or that [KP]
 (b) You can't rely on anybody? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- E12** During the past year, have you participated in any kind of volunteering or community group? DNRA
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR*
- E13** What is your religion?
- (a) [SELECT FROM LIST from P6] DNRA
 (b) Atheist, agnostic, no religious beliefs DNRA
 (c) Other [PLEASE SPECIFY] DNRA

- (d) Don't know DNRA
 (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] **How important would you say religion is in your life? Would you say that it is...**

- (a) Very important, [KP]
 (b) Somewhat important, [KP]
 (c) Not too important, or [KP]
 (d) Not at all important? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] **Would you say, you share your faith with others... [KP]**

- (a) At least once a week,
 (b) Once or twice a month,
 (c) Several times a year,
 (d) Seldom, or
 (e) Never?
 (f) Don't know DNRA
 (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Guinea , lived abroad for at least one year and later moved back to Guinea ?

- (a) No DNRA
 (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Boffa/Dialakoro who has moved to another part of Guinea during the past five years?

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Boffa/Dialakoro who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES from P5P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] Would you say that you know more than ten people who have moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead?
[KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Guinea ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Boffa/Dialakoro? [KP]

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] Do you remember the organiser?

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Boffa/Dialakoro,
- (b) Elsewhere in Guinea, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES from P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in Boffa/Dialakoro ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father,

ask about the father's siblings. If any of them grew up in the area, indicate 'yes'.

INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'.

DNRA INSTR

H5 [ONLY IF H1=(c)] When did you move to Guinea for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] When did you move to Boffa/Dialakoro for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] Have you ever lived elsewhere for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] Have you ever been to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] Did you live in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] Other than the country where you grew up, have you lived in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] **In which countries did you live for at least one year?**

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Guinea,
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Guinea DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Boffa/Dialakoro . Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Boffa/Dialakoro . Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
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- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 Thinking about your household's current financial situation, would you say your household is ... [KP]

- (a) Finding it difficult to get by, [KP]
- (b) Coping, or [KP]
- (c) Living comfortably? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 Looking back to five years ago, has your household's financial situation ... [KP]

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 When your parents were the same age as you are now, do you think their standard of living was... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 When your children are the age you are now, do you think their standard of living will be ... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 If you needed 550,500 francs for an emergency, would you or someone else in your household be able to get it within a week? [T]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included. INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of 550,500 francs – how would you spend the money? [KP]

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Boffa/Dialakoro in the past year? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 [ONLY IF J1=(b)] Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 [ONLY IF J1(a) OR J2=(a)] If you heard about a demonstration for an issue you care about, would you go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in presidential elections in October 2020 ? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 [ONLY IF J4=(b)] Did you vote in that election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J6 Did you participate in any party meetings or political rallies in the lead-up to the election? [KP] DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J7 In Boffa/Dialakoro, are voters offered money to vote for a candidate during elections? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J8 How much do you trust the police? Do you trust them... [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J9 How much do you trust the courts of law? [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J10 And how much do you trust the armed forces? [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J11 All things considered, how good a job does the sub-prefecture do in running Boffa/Dialakoro? Using this card on which 1 means you think the sub-prefecture is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----



- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA

- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- J12** Now thinking about the Government of Guinea , how good a job does it] do in running Guinea ? Using this card on which 1 means you think Government of Guinea is doing a terrible job and 10 means it is doing an excellent job in running [COUNTRY] , where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

- J13** In Boffa/Dialakoro , how much of a problem is corruption nowadays? Is it... [KP]

- (a) Not at all a problem, [KP]
 (b) A small problem, or [KP]
 (c) A serious problem? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

- J14** In the past year, has anyone in Boffa/Dialakoro asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

- J15** In your opinion, over the past five years, do you think corruption in Boffa/Dialakoro has...[KP]

- (a) Become less of a problem,
 (b) Stayed the same, or
 (c) Become a bigger problem?
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP]
- (b) Doing ok, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in Boffa/Dialakoro it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has Boffa/Dialakoro ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in Boffa/Dialakoro [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, [KP]
- (c) Courts,
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Boffa/Dialakoro which you may have experienced. [KP]

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L5 [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] How far have these problems affected your household's livelihood or income? [KP]

- (a) Not at all, [KP]
- (b) Somewhat, or [KP]
- (c) Very much? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L6 If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease? [KP]

- (a) Not at all, [KP]
- (b) Somewhat, or [KP]
- (c) Very much? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

M1 Is the nearest marketplace within walking distance?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall. INSTR

M2 [ONLY IF M1=(b)] Roughly how many minutes would it take you to walk there?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

M3 Do you have electricity in your home?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M4 [ONLY IF M3=(b)] Does the electricity come from...

- (a) The public electric grid, [KP]
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M5 What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] **Is this water source... ?**

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] **How long does a round trip to fetch water usually take, in minutes?**

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A round trip means walking there and back. Do include any time spent queuing.
DNRA INSTR

M11 **How often do you have shortages of water from your usual drinking water source? Would you say that it is...**

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 **Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...**

- (a) Worse,
- (b) The same, or
- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 **Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 100,000 francs right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 300,000 francs. .' Would you play the game or take the 100,000 francs ? [KP]**

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 **Now imagine that he gave you a different choice. He said that 'either you can receive 100,000 francs right now, or you can receive 300,000 francs. in one year.' What would you choose? [KP]**

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 100,000 francs right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 600,000 in one year.' Would you play the game or take the 100,000 francs ? [KP]

- (a) Take the certain amount DNRA
 (b) Play the game DNRA
 (c) Don't know DNRA
 (d) Refuse to answer

0 Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

01 What is your name?

- (a) [SELECT FROM LIST from P1]
 (b) Other [PLEASE SPECIFY]

02 Which research area are you in?

- (a) [SELECT FROM LIST from P2]

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
 (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
 (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST from P4]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists

P1 Enumerator name

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Boffa
- (b) Dialakoro

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) French
- (b) Peulh
- (c) Malinké
- (d) Soussou
- (e) Konianké
- (f) Guerzé
- (g) Kissi
- (h) Toma
- (i) Landouma
- (j) Baga

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Muslim Sunni
- (b) Muslim Shia
- (c) Muslim Tidianes
- (d) Catholic
- (e) Protestant
- (f) Jehovas Witness

MIGNEX survey instrument - Nigeria

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Legend

Red	Module headers (not to be read aloud)
Grey DNRA	Not to be read aloud (not applied in Module O, questions for enumerators)
<i>Grey italic</i>	Instructions for enumerators.
P	Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Down Quarters/Awe/Ekpoma DNRA
- (c) No, elsewhere in Nigeria DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response. INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) Hausa DNRA
- (b) Pidgin English DNRA
- (c) English DNRA
- (d) Esan DNRA
- (e) Igbo DNRA
- (f) Yoruba DNRA
- (g) Ijaba DNRA
- (h) Eggon DNRA
- (i) Goemai DNRA
- (j) Tiv DNRA
- (k) Alago DNRA
- (l) Wapan DNRA
- (m) Lijili DNRA
- (n) Fula DNRA
- (o) Other [PLEASE SPECIFY] DNRA
- (p) Don't know DNRA
- (q) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Enumerators please note Standard 6 is equivalent to Primary 6. Kindly remember that equivalency

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. INSTR

A12 [ONLY IF A11=(a)] Is the head of household...

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] How many boys aged 11-17 years old live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] Is he enrolled in secondary school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] How many of these boys are enrolled in secondary school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] How many girls aged 11-17 years old live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] Is she enrolled in secondary school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] How many of these girls are enrolled in secondary school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A25 [ONLY IF A17>0] Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?

DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] What is the age of the youngest one?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many children do you have aged 17 years old or younger who do not live in the same household as you?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF A28=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important,
- (b) Quite important,
- (c) Not particularly important, or
- (d) Not at all important?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. INSTR

A31 Overall, would you say schools in Down Quarters/Awe/Ekpoma are...

- (a) Very bad,
- (b) Bad,
- (c) Fair,
- (d) Good,
- (e) Or very good?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. INSTR

A32 Do you think that, in general, the schools in Down Quarters/Awe/Ekpoma prepare children well for their future?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful,
- (b) A bit useful, or
- (c) Not at all useful?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Down Quarters/Awe/Ekpoma women have the same opportunities as men.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household.

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Down Quarters/Awe/Ekpoma? Would you say that it is...

- (a) Very easy,
- (b) Easy,
- (c) Difficult, or
- (d) Very difficult?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary,
- (b) Day labourer/ casual work
- (c) Farming, fishing, or rearing animals,
- (d) Working on your own account or running a business,
- (e) Studying,
- (f) Unemployed,
- (g) Not working because of long-term sickness or disability
- (h) Doing unpaid housework, looking after children or other persons, or
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or,
- (b) Dissatisfied with this?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well,
- (b) Doing OK, or
- (c) Doing badly?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6 In general, do you find that earning a living and feeding a family in Down Quarters/Awe/Ekpoma is...**
- (a) Easy,
 - (b) Manageable, or
 - (c) Difficult?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7 Compared to five years ago, do you think that earning a living and feeding a family in Down Quarters/Awe/Ekpoma has...**
- (a) Become easier,
 - (b) Stayed the same, or
 - (c) Become more difficult?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8 And how do you expect it to change over the next five years? Do you expect opportunities for earning a living and feeding a family in Down Quarters/Awe/Ekpoma to...**
- (a) Become easier,
 - (b) Stay the same, or
 - (c) Become more difficult?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9 Have you or another person in your household started a new business during the past year?**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10 [ONLY IF B9=b] Did the person who started the business invest money or time in the business?**
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11 [ONLY IF B9=(b)] Would you say that this business is...**
- (a) Failing,
 - (b) Struggling,
 - (c) Doing well, or
 - (d) Doing very well?
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12 Do you plan to open a new business within the next 12 months, or not?**
- (a) No DNRA
 - (b) Yes DNRA

- (c) Possibly DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Down Quarters/Awe/Ekpoma?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Down Quarters/Awe/Ekpoma, and now lives in another country, who has invested in a business here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Down Quarters/Awe/Ekpoma?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA



For example, international NGOs or UN organisations INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference,
- (b) Makes a bit of a difference, or
- (c) Makes no difference?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B17** All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are “completely dissatisfied” and 10 means you are “completely satisfied” where would you put your satisfaction with life as a whole?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERIC] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- B18** If you think about the ways in which Down Quarters/Awe/Ekpoma is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or
 (b) Mostly changing in bad ways?
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

- B19** Insufficient income

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B20** Disease and poor health

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B21** Conflict and violence

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B22 Climate change

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration**C1 In five years' time, do you think you'll still be living in Down Quarters/Awe/Ekpoma ?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Nigeria ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Nigeria?

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to?

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Nigeria would you like to...

- (a) Stay here in Down Quarters/Awe/Ekpoma, or
- (b) Move somewhere else?

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Nigeria to live or work in another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave.
INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Nigeria?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave.
INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Nigeria ?

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries
INSTR

C9 If you were to go to live or work in a richer country, do you think your family would...

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

*Richer countries are countries like USA, Canada, European countries, Gulf countries
INSTR*

C14 Has anybody ever encouraged you to go to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

*We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries.
INSTR*

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

*Prompt if they say yes, but don't say whether it was for free or for money.
INSTR*

C16 Have you ever encouraged anybody else in Down Quarters/Awe/Ekpoma to go to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

*We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries.
INSTR*

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Nigeria and move to a richer country...

C17 It makes life harder for those who stay behind

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C18 They still contribute to Nigeria

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C19 They support their family members in Nigeria

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C20 They often regret that they have left

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C21 They get rich

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C22 If someone from Down Quarters/Awe/Ekpoma wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be...

- (a) Very easy,
- (b) Easy,
- (c) Difficult, or
- (d) Very difficult?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Down Quarters/Awe/Ekpoma is...

- (a) Very bad,
- (b) Bad,
- (c) Fair,
- (d) Good, or
- (e) Very good?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Down Quarters/Awe/Ekpoma has become...

- (a) Worse,
- (b) Stayed the same, or
- (c) Become better?

- (d) Don't know DNRA
- (e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a bone setter or traditional medicine practitioner?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are herbalists, witch doctors, priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is...

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health?

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(b)] As far as you know, has anyone here in Down Quarters/Awe/Ekpoma died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(b)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(b)] Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?

- (a) No DNRA
- (b) Yes DNRA**
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(b)] How would you say that these measures affected you and your household? Did they...

- (a) Cause severe hardship,
- (b) Cause some difficulties, or
- (c) Not make much difference?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc. INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year?

E1 Home Grown School Feeding Programme

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 National Cash Transfer Programme

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E3 Government Enterprise and Empowerment

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E4 N-POWER Programme

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- E5** [ONLY IF E1=(b)] **How valuable has Home Grown School Feeding Programme been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E6** [ONLY IF E2=(b)] **How valuable has National Cash Transfer Programme been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E7** [ONLY IF E3=(b)] **How valuable has Government Enterprise and Empowerment been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E8** [ONLY IF E4=(b)] **How valuable has N-POWER Programme been for your household? Would you say that it has been...**
- (a) Very valuable,
 - (b) A bit valuable, or
 - (c) Not valuable?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E9** **Would you say that the poor in Down Quarters/Awe/Ekpoma get help from the authorities if they need it?**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. INSTR*
- E10** **Thinking back to five years ago, has help for the poor from the authorities...**
- (a) Gotten worse,
 - (b) Stayed the same, or
 - (c) Gotten better?
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in Down Quarters/Awe/Ekpoma can be trusted, or that
- (b) You can't rely on anybody?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. INSTR

E13 What is your religion?

- (a) Roman Catholic DNRA
- (b) Anglican DNRA
- (c) Baptist (e.g. Nigerian Baptist Convention) DNRA
- (d) Christian other DNRA
- (e) Muslim Sunni DNRA
- (f) Sufiesm DNRA
- (g) Muslim Shia DNRA
- (h) Muslim other DNRA
- (i) Traditional DNRA
- (j) Atheist, agnostic, no religious beliefs DNRA
- (k) Other [PLEASE SPECIFY] DNRA
- (l) Don't know DNRA
- (m) Refuse to answer DNRA

Enumerator should ask the religion that respondent practices the most. INSTR

E14 [ONLY IF E13 IS NOT(j)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important,
- (b) Somewhat important,
- (c) Not too important, or
- (d) Not at all important?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (j)] Would you say, you share your faith with others...

- (a) At least once a week,
- (b) Once or twice a month,
- (c) Several times a year,
- (d) Seldom, or
- (e) Never?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Nigeria , lived abroad for at least one year and later moved back to Nigeria ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends.

INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Down Quarters/Awe/Ekpoma who has moved to another part of Nigeria during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Down Quarters/Awe/Ekpoma who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES from P5P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] Would you say that you know more than ten people who have moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Nigeria?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Down Quarters/Awe/Ekpoma?

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants DNRA
- (g) Warning people about dangers of smuggling DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

*Listen to the response and record the option that fits the best. Do not read out options.
INSTR*

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] **Do you remember the organiser?**

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Down Quarters/Awe/Ekpoma,
- (b) Elsewhere in Nigeria, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] **In which country did you grow up?**

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] **Did your father grow up here in Down Quarters/Awe/Ekpoma ?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H4 [ONLY IF H1=(a)] **Did your mother grow up here?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

- H5** [ONLY IF H1=(c)] **When did you move to Nigeria for the first time?**
- (a) [Number of years ago] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- H6** [ONLY IF H1=(b) OR (c)] **When did you move to Down Quarters/Awe/Ekpoma for the first time?**
- (a) [Number of years ago] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- H7** [ONLY IF H1=(a)] **Have you ever lived elsewhere for at least one year?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H8** [ONLY IF H1 IS NOT (c)] **Have you ever been to another country?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H9** [ONLY IF H8=(b)] **Did you live in another country for at least one year?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H10** [ONLY IF H1=(c)] **Other than the country where you grew up, have you lived in another country for at least one year?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- H11** [ONLY IF H9=(b) OR H10=(b)] **In which countries did you live for at least one year?**
- (a) [SELECT COUNTRIES from P5] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Nigeria,
- (g) Support or aid from the authorities or other organisations, or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Nigeria DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Down Quarters/Awe/Ekpoma. Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Down Quarters/Awe/Ekpoma. Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 Thinking about your household's current financial situation, would you say your household is ...

- (a) Finding it difficult to get by,
- (b) Coping, or
- (c) Living comfortably?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 Looking back to five years ago, has your household's financial situation ...

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 When your parents were the same age as you are now, do you think their standard of living was...

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 When your children are the age you are now, do you think their standard of living will be ...

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?

- (a) Never,
- (b) Sometimes,
- (c) Often, or
- (d) Always?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 If you needed 40000 Naira for an emergency, would you or someone else in your household be able to get it within a week?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money?

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. Only the rooms that belong to your household should be counted here. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included.
INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of 40000 Naira – how would you spend the money?

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. INSTR

J Institutions and governance**J1 Have you heard of any demonstrations or protest marches in Down Quarters/Awe/Ekpoma in the past year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 [ONLY IF J1=(b)] Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 [ONLY IF J1(a) OR J2=(a)] If you heard about a demonstration for an issue you care about, would you go?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in Presidential and Governorship Elections in 2019/State Governorship Election in 2020?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 [ONLY IF J4=(b)] Did you vote in that election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J6 Did you participate in any party meetings or political rallies in the lead-up to the election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J7 In Down Quarters/Awe/Ekpoma, are voters offered money to vote for a candidate during elections?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J8 How much do you trust the police? Do you trust them...

- (a) Completely,
- (b) Mostly,
- (c) A little, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J9 How much do you trust the courts of law?



- (a) Completely,
- (b) Mostly,
- (c) A little, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J10 And how much do you trust the armed forces?

- (a) Completely,
- (b) Mostly,
- (c) A little, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J11 All things considered, how good a job does the Kaduna South/Awe/Esan West Local Government Area do in running Down Quarters/Awe/Ekpoma ? Using this card on which 1 means you think Kaduna South/Awe/Esan West Local Government Area is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put i

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----






- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

J12 Now thinking about the Federal Government of Nigeria in Abuja how well do you think it's doing in running Nigeria? Using this card on which 1 means you think Federal Government is doing a terrible job and 10 means it is doing an excellent job in running Nigeria, where would you put it?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

J13 In Down Quarters/Awe/Ekpoma, how much of a problem is corruption nowadays? Is it...

- (a) Not at all a problem,
- (b) A small problem, or
- (c) A serious problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J14 In the past year, has anyone in Down Quarters/Awe/Ekpoma asked you, or expected you, to pay a bribe for his or her services?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. INSTR

J15 In your opinion, over the past five years, do you think corruption in Down Quarters/Awe/Ekpoma has...

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are...

- (a) Doing well,
- (b) Doing ok, or
- (c) Doing badly?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

K Security

K1 Do you think that here in Down Quarters/Awe/Ekpoma it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. INSTR

K2 Compared to five years ago, has Down Quarters/Awe/Ekpoma...

- (a) Become more dangerous,
- (b) Stayed the same,
- (c) Or become safer?
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery?

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This also includes Police brutality. INSTR

K7 Any other types of violence among people in Down Quarters/Awe/Ekpoma

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group,
- (c) Courts,
- (d) National authorities,
- (e) Community leaders,
- (f) Religious leaders,
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well,
- (b) Doing OK, or
- (c) Doing badly?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Down Quarters/Awe/Ekpoma which you may have experienced.

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile.

INSTR

L4 And has it been affected by crop or livestock disease?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L5 [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] **How far have these problems affected your household's livelihood or income?**

- (a) Not at all,
- (b) Somewhat, or
- (c) Very much?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L6 **If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease?**

- (a) Not at all,
- (b) Somewhat, or
- (c) Very much?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

M **Infrastructure**

We are in the last part of the interview now, and I have some more questions about your home and daily life.

M1 **Is the nearest marketplace within walking distance?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

M2 [ONLY IF M1=(b)] **Roughly how many minutes would it take you to walk there?**

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

M3 **Do you have electricity in your home?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M4 [ONLY IF M3=(b)] **Does the electricity come from...**

- (a) The public electric grid,
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M5 What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A round trip means walking there and back. Do include any time spent queuing.
INSTR

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never,
- (b) Sometimes,
- (c) Often, or
- (d) Always?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or
- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 5000 Naira right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 15000 Naira.' Would you play the game or take the 5000 Naira?

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 5000 Naira right now, or you can receive 15000 Naira in one year.' What would you choose?

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 5000 Naira right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 30000 Naira in one year.' Would you play the game or take the 5000 Naira?

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

0 Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

01 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

02 Which research area are you in?

- (a) Down Quarters
- (b) Awe
- (c) Ekpoma

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [NGA_ - _ _ _ _ _ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) Hausa
- (b) Pidgin English
- (c) English
- (d) Esan
- (e) Igbo
- (f) Yoruba
- (g) Ijaba
- (h) Eggon
- (i) Goemai
- (j) Tiv
- (k) Alago
- (l) Wapan
- (m) Lijili
- (n) Fula

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists

P1 Enumerator name

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Research area 1
- (b) Research area 2
- (c) Research area 3

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Hausa
- (b) Pidgin English
- (c) English
- (d) Esan
- (e) Igbo
- (f) Yoruba
- (g) Ijaba
- (h) Eggon
- (i) Goemai
- (j) Tiv
- (k) Alago
- (l) Wapan
- (m) Lijili
- (n) Fula

P5 Country list

- (a) Refuse to answer
- (b) Australia
- (c) Benin
- (d) Brazil
- (e) Cameroon
- (f) Canada
- (g) Chad
- (h) China
- (i) Cote d'Ivoire
- (j) Egypt
- (k) Ethiopia
- (l) Finland
- (m) France
- (n) Gabon

(o)	Germany
(p)	India
(q)	Israel
(r)	Italy
(s)	Japan
(t)	Liberia
(u)	Libya
(v)	Malaysia
(w)	Mali
(x)	Mozambique
(y)	Netherlands
(z)	Niger
(aa)	Qatar
(bb)	Russia
(cc)	Saudi Arabia
(dd)	Senegal
(ee)	South Africa
(ff)	Spain
(gg)	Sweden
(hh)	Switzerland
(ii)	Thailand
(jj)	Togo
(kk)	Turkey
(ll)	United Arab Emirates
(mm)	United Kingdom
(nn)	United States
(oo)	Ghana
(pp)	Austria
(qq)	Botswana
(rr)	British Virgin Is.
(ss)	Bulgaria
(tt)	Burkina Faso
(uu)	Cayman Islands
(vv)	Central African Rep.
(ww)	Cyprus
(xx)	Czech Republic
(yy)	Greece
(zz)	Indonesia
(aaa)	Jamaica
(bbb)	Korea, North
(ccc)	Korea, South
(ddd)	Liechtenstein
(eee)	Maldives
(fff)	Mexico
(ggg)	Morocco
(hhh)	Namibia
(iii)	Nepal
(jjj)	Netherlands Antilles
(kkk)	Philippines
(lll)	Rwanda
(mmm)	Tanzania
(nnn)	Trinidad & Tobago
(ooo)	Zambia
(ppp)	Zimbabwe
(qqq)	Other

P6 Religion list

- | | |
|-----|--|
| (a) | Roman Catholic |
| (b) | Anglican |
| (c) | Baptist (e.g. Nigerian Baptist Convention) |

- (d) Christian other
- (e) Muslim Sunni
- (f) Sufiesm
- (g) Muslim Shia
- (h) Muslim other
- (i) Religion 6

MIGNEX survey instrument - Pakistan

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Modules

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- C Migration aspirations and attitudes to migration..... 13
- D Health 17
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Legend

- Red** Module headers (not to be read aloud)
- Grey DNRA Not to be read aloud (not applied in Module O, questions for enumerators)
- Grey italic* Instructions for enumerators.
- [KP] 'Key phrases' translated for languages
- P** Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA

(c) Refuse to answer DNRA

A2A What is your marital status?

- (a) Married DNRA
- (b) Never married (single) DNRA
- (c) Divorced DNRA
- (d) Widowed DNRA
- (e) Don't know
- (f) Declined to answer

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Chot Dheeran/Youhanabad/Keti Bandar DNRA
- (c) No, elsewhere in Pakistan DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response. INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) [SELECT LANGUAGE from P4] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] How many boys aged 11-16 years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] Is he enrolled in secondary or middle school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A20A [ONLY IF A20(a)=1] Is he enrolled in primary school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] How many of these boys are enrolled in secondary or middle school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21A [ONLY IF A19(a) >1 & IF A20A(b)=1] **How many of these boys are enrolled in primary school?**

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] **How many girls aged 11-16 years old live in the household?** [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] **Is she enrolled in secondary or middle school?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A23A [ONLY IF A23(a)=1] **Is she enrolled in primary school?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] **How many of these girls are enrolled in secondary or middle school?**

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24A [ONLY IF A22(a) >1 & IF A23A(b)=1] **How many of these girls are enrolled in primary school?** [NUMERICAL] DNRA

- (e) Some of them, but don't know the exact number DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

A25 [ONLY IF A17>0] **Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?**

DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] What is the age of the youngest one?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?**[ONLY IF A28=1] How old is the child?**

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A31 Overall, would you say schools in Chot Dheeran/Youhanabad/Keti Bandar are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA
INSTR

A32 Do you think that, in general, the schools in Chot Dheeran/Youhanabad/Keti Bandar prepare children well for their future? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful, [KP]
- (b) A bit useful, or [KP]
- (c) Not at all useful? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Chot Dheeran/Youhanabad/Keti Bandar women have the same opportunities as men. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer. [KP]

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Chot Dheeran/Youhanabad/Keti Bandar ? Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6** In general, do you find that earning a living and feeding a family in Chot Dheeran/Youhanabad/Keti Bandar is... [KP]
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult?[KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7** Compared to five years ago, do you think that earning a living and feeding a family in Chot Dheeran/Youhanabad/Keti Bandar has... [KP]
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8** And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Chot Dheeran/Youhanabad/Keti Bandar to... [KP]
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9** Have you or another person in your household started a new business during the past year? DNRA
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10** [ONLY IF B9=b] Did the person who started the business invest money or time in the business?
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11** [ONLY IF B9=(b)] Would you say that this business is...
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12** Do you plan to open a new business within the next 12 months, or not?
- (a) No DNRA
 - (b) Yes DNRA

- (c) Possibly DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Chot Dheeran/Youhanabad/Keti Bandar ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Chot Dheeran/Youhanabad/Keti Bandar , and now lives in another country, who has invested in a business here? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Chot Dheeran/Youhanabad/Keti Bandar ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA



For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
- (b) Makes a bit of a difference, or [KP]
- (c) Makes no difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B17 All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied" where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERIC] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

B18 If you think about the ways in which Chot Dheeran/Youhanabad/Keti Bandar is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
- (b) Mostly changing in bad ways? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

B19 Insufficient income [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B20 Disease and poor health [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B21 Conflict and violence [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration

C1 In five years' time, do you think you'll still be living in Chot Dheeran/Youhanabad/Keti Bandar? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Pakistan? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Pakistan? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to? [KP]

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Pakistan would you like to... [KP]

- (a) Stay here in Chot Dheeran/Youhanabad/Keti Bandar, or
- (b) Move somewhere else?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Pakistan to live or work in another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Pakistan? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave.
INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Pakistan? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Prompt if they say yes, but don't say whether it was for free or for money.
INSTR

C16 Have you ever encouraged anybody else in Chot Dheeran/Youhanabad/Keti Bandar to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Pakistan and move to a richer country...

C17 It makes life harder for those who stay behind [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C18 They still contribute to Pakistan [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C19 They support their family members in Pakistan [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C20 They often regret that they have left [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C21 They get rich [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C22 If someone from Chot Dheeran/Youhanabad/Keti Bandar wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Chot Dheeran/Youhanabad/Keti Bandar is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Chot Dheeran/Youhanabad/Keti Bandar has become...

- (a) Worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Become better? [KP]

- (d) Don't know DNRA
- (e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a Hakeem, Aamil or moulvi/imamr? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in Chot Dheeran/Youhanabad/Keti Bandar died from the virus?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) Yes DNRA
- (b) No DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] How would you say that these measures affected you and your household? Did they...

- (a) Cause severe hardship, [KP]
- (b) Cause some difficulties, or [KP]
- (c) Not make much difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc. DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E1 BISP

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 Ehsaas Emergency Cash Transfer/Kafaalat

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E5 [ONLY IF E1=(b)] How valuable has BISP been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E6 [ONLY IF E2=(b)] How valuable has Ehsaas Emergency Cash Transfer/Kafaalat been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E9 Would you say that the poor in Chot Dheeran/Youhanabad/Keti Bandar get help from the authorities if they need it? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR

E10 Thinking back to five years ago, has help for the poor from the authorities... [KP]

- (a) Gotten worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Gotten better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in Chot Dheeran/Youhanabad/Keti Bandar can be trusted, or that [KP]
- (b) You can't rely on anybody? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR

E13 What is your religion?

- (a) [SELECT FROM LIST from P6] DNRA

- (b) Atheist, agnostic, no religious beliefs DNRA
- (c) Other [PLEASE SPECIFY] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] **How important would you say religion is in your life?
Would you say that it is...**

- (a) Very important, [KP]
- (b) Somewhat important, [KP]
- (c) Not too important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] **Would you say, you share your faith with others... [KP]**

- (a) At least once a week,
- (b) Once or twice a month,
- (c) Several times a year,
- (d) Seldom, or
- (e) Never?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 **Do you have any family members, relatives or friends who live in another country?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] **In which countries?**

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] **Did any of them live in your household before they moved to another country?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Pakistan, lived abroad for at least one year and later moved back to Pakistan?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Chot Dheeran/Youhanabad/Keti Bandar who has moved to another part of Pakistan during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Chot Dheeran/Youhanabad/Keti Bandar who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES from P5P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] Would you say that you know more than ten people who have moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Pakistan? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Chot Dheeran/Youhanabad/Keti Bandar? [KP]

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] Do you remember the organiser?

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history**H1 Did you grow up...**

- (a) Here in Chot Dheeran/Youhanabad/Keti Bandar,
- (b) Elsewhere in Pakistan, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES from P4(a)] DNRA

Fieldwork version.

- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in Chot Dheeran/Youhanabad/Keti Bandar ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'. DNRA INSTR

H5 [ONLY IF H1=(c)] When did you move to Pakistan for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] When did you move to Chot Dheeran/Youhanabad/Keti Bandar for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] Have you ever lived elsewhere for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] Have you ever been to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] Did you live in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] Other than the country where you grew up, have you lived in another country for at least one year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] In which countries did you live for at least one year?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Pakistan,
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Pakistan DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Chot Dheeran/Youhanabad/Keti Bandar . Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Chot Dheeran/Youhanabad/Keti Bandar . Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 **Thinking about your household's current financial situation, would you say your household is ...** [KP]

- (a) Finding it difficult to get by, [KP]
- (b) Coping, or [KP]
- (c) Living comfortably? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 **Looking back to five years ago, has your household's financial situation ...** [KP]

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 **When your parents were the same age as you are now, do you think their standard of living was...** [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 **When your children are the age you are now, do you think their standard of living will be ...** [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 **Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?**

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 **If you needed 15000 rupee] for an emergency, would you or someone else in your household be able to get it within a week?** [T]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included.
INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of 15000 rupee - how would you spend the money? [KP]

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA
INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Chot Dheeran/Youhanabad/Keti Bandar in the past year? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 [ONLY IF J1=(b)] Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 [ONLY IF J1(a) OR J2=(a)] If you heard about a demonstration for an issue you care about, would you go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in provincial and national elections in 2018 ? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA



J5 [ONLY IF J4=(b)] Did you vote in that election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- J6 **Did you participate in any party meetings or political rallies in the lead-up to the election?** [KP] DNRA
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J7 **In Chot Dheeran/Youhanabad/Keti Bandar , are voters offered money to vote for a candidate during elections?** [KP]
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J8 **How much do you trust the police? Do you trust them...** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J9 **How much do you trust the courts of law?** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J10 **And how much do you trust the armed forces?** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA

J11 All things considered, how good a job does the Punjab/Sindh provincial government do in running Chot Dheeran/Youhanabad/Keti Bandar ? Using this card on which 1 means you think Punjab/Sindh provincial government is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----






- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

J12 Now thinking about the Government of Pakistan , how good a job does it do in running Pakistan? Using this card on which 1 means you think Government of Pakistan is doing a terrible job and 10 means it is doing an excellent job in running Pakistan, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

J13 In Chot Dheeran/Youhanabad/Keti Bandar , how much of a problem is corruption nowadays? Is it... [KP]

- (a) Not at all a problem, [KP]
- (b) A small problem, or [KP]
- (c) A serious problem? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

J14 In the past year, has anyone in Chot Dheeran/Youhanabad/Keti Bandar asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

J15 In your opinion, over the past five years, do you think corruption in Chot Dheeran/Youhanabad/Keti Bandar has... [KP]

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP]
- (b) Doing ok, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in Chot Dheeran/Youhanabad/Keti Bandar it is safe to walk the streets at night? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has Chot Dheeran/Youhanabad/Keti Bandar ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? [KP]

- (a) No DNRA
- (b) Yes DNRA

- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in Chot Dheeran/Youhanabad/Keti Bandar [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, [KP]
- (c) Courts,
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Chot Dheeran/Youhanabad/Keti Bandar which you may have experienced. [KP]

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L5 [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] How far have these problems affected your household's livelihood or income? [KP]

- (a) Not at all, [KP]
- (b) Somewhat, or [KP]
- (c) Very much? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- L6** If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease? [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

- M1** Is the nearest marketplace within walking distance?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

- M2** [ONLY IF M1=(b)] Roughly how many minutes would it take you to walk there?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- M3** Do you have electricity in your home?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- M4** [ONLY IF M3=(b)] Does the electricity come from...

- (a) The public electric grid, [KP]
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

- M5** What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

*A round trip means walking there and back. Do include any time spent queuing. DNRA
INSTR*

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or

- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 2500 rupee right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 7500 rupee . Would you play the game or take the 2500 rupee ? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 2500 rupee right now, or you can receive 7500 rupee in one year.' What would you choose? [KP]

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 2500 rupee right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 15000 rupee in one year.' Would you play the game or take the 2500 ? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

O Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

O1 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

O2 Which research area are you in?

- (a) [SELECT FROM LIST from P2]

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
(b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
(b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
(b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
(b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST from P4]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists**P1 Enumerator name**

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Chot Dheeran
- (b) Youhanabad
- (c) Keti Bandar

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Urdu
- (b) Sindhi
- (c) Punjabi
- (d) Seraiki
- (e) Pashtu
- (f) Baloch

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Islam
- (b) Hinduism
- (c) Christianity

MIGNEX survey instrument - Somalia

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Modules

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Legend

- Red** Module headers (not to be read aloud)
- Grey DNRA Not to be read aloud (not applied in Module O, questions for enumerators)
- Grey italic* Instructions for enumerators.
- [KP] 'Key phrases' translated for languages
- P** Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA

(c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Erigavo/Baidoa DNRA
- (c) No, elsewhere in Somalia DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response. INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) [SELECT LANGUAGE from P4] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] How many boys aged 11-18 years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] Is he enrolled in upper primary or secondary school?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] How many of these boys are enrolled in upper primary or secondary school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] How many girls aged 11-18 years old live in the household? [T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] Is she enrolled in upper primary or secondary school?

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] How many of these girls are enrolled in upper primary or secondary school?

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A25 [ONLY IF A17>0] Thinking about all the children in the household now – so everyone who is aged 17 years or younger – how many of them are your own children?

DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] What is the age of the youngest one?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many children do you have aged 17 years old or younger who do not live in the same household as you?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF A28=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A31 Overall, would you say schools in Erigavo/Baidoa are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA INSTR

A32 Do you think that, in general, the schools in Erigavo/Baidoa prepare children well for their future? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful, [KP]
- (b) A bit useful, or [KP]
- (c) Not at all useful? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Erigavo/Baidoa women have the same opportunities as men. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Erigavo/Baidoa ? Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6 In general, do you find that earning a living and feeding a family in Erigavo/Baidoa is... [KP]**
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7 Compared to five years ago, do you think that earning a living and feeding a family in Erigavo/Baidoa has... [KP]**
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8 And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Erigavo/Baidoa to... [KP]**
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9 Have you or another person in your household started a new business during the past year? DNRA**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10 [ONLY IF B9=b] Did the person who started the business invest money or time in the business?**
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11 [ONLY IF B9=(b)] Would you say that this business is...**
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12 Do you plan to open a new business within the next 12 months, or not?**
- (a) No DNRA
 - (b) Yes DNRA

- (c) Possibly DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Erigavo/Baidoa ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Erigavo/Baidoa , and now lives in another country, who has invested in a business here? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Erigavo/Baidoa ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA



For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
- (b) Makes a bit of a difference, or [KP]
- (c) Makes no difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B17 All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are "completely dissatisfied" and 10 means you are "completely satisfied" where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERIC] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

B18 If you think about the ways in which Erigavo/Baidoa is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
 (b) Mostly changing in bad ways? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

B19 Insufficient income [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B20 Disease and poor health [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B21 Conflict and violence [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration

C1 In five years' time, do you think you'll still be living in Erigavo/Baidoa ? [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Somalia ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Somalia ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to? [KP]

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Somalia would you like to... [KP]

- (a) Stay here in Erigavo/Baidoa, or
- (b) Move somewhere else?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Somalia to live or work in another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Somalia ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Somalia ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.
DNRA INSTR

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
 (b) Yes, for free DNRA
 (c) Yes, for money DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

*Prompt if they say yes, but don't say whether it was for free or for money.
 INSTR*

C16 Have you ever encouraged anybody else in Erigavo/Baidoa to go to a richer country? [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Somalia and move to a richer country...

- C17** It makes life harder for those who stay behind [KP]
- (a) Agree DNRA
 (b) Neither agree nor disagree DNRA
 (c) Disagree DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- C18** They still contribute to Somalia [KP]
- (a) Agree DNRA
 (b) Neither agree nor disagree DNRA
 (c) Disagree DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- C19** They support their family members in Somalia [KP]
- (a) Agree DNRA
 (b) Neither agree nor disagree DNRA
 (c) Disagree DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- C20** They often regret that they have left [KP]
- (a) Agree DNRA
 (b) Neither agree nor disagree DNRA
 (c) Disagree DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- C21** They get rich [KP]
- (a) Agree DNRA
 (b) Neither agree nor disagree DNRA
 (c) Disagree DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA
- C22** If someone from Erigavo/Baidoa wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]
- (a) Very easy, [KP]
 (b) Easy, [KP]
 (c) Difficult, or [KP]
 (d) Very difficult? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Erigavo/Baidoa is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Erigavo/Baidoa has become...

- (a) Worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Become better? [KP]
- (d) Don't know DNRA

(e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a traditional herbal healer or witch doctor? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in Erigavo/Baidoa died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] How would you say that these measures affected you and your household? Did they...

- (a) Cause severe hardship, [KP]
 (b) Cause some difficulties, or [KP]
 (c) Not make much difference? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc. DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E1 Shock-Responsive Safety Net for Human Capital

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

E5 [ONLY IF E4=(b)] How valuable has Shock-Responsive Safety Net for Human Capital been for your household? Would you say that it has been...

- (a) Very valuable, [KP]
 (b) A bit valuable, or [KP]
 (c) Not valuable? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

E9 Would you say that the poor in Erigavo/Baidoa get help from the authorities if they need it? [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR

E10 Thinking back to five years ago, has help for the poor from the authorities... [KP]

- (a) Gotten worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Gotten better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in Erigavo/Baidoacan be trusted, or that [KP]
- (b) You can't rely on anybody? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR

E13 What is your religion?

- (a) [SELECT FROM LIST from P6] DNRA
- (b) Atheist, agnostic, no religious beliefs DNRA
- (c) Other [PLEASE SPECIFY] DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important, [KP]
- (b) Somewhat important, [KP]
- (c) Not too important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] Would you say, you share your faith with others... [KP]

- (a) At least once a week,
- (b) Once or twice a month,
- (c) Several times a year,
- (d) Seldom, or
- (e) Never?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Somalia , lived abroad for at least one year and later moved back to Somalia ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Erigavo/Baidoa who has moved to another part of Somalia during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Erigavo/Baidoa who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES from P5P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] Would you say that you know more than ten people who have moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Somalia ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Erigavo/Baidoa? [KP]

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] **Do you remember the organiser?**

- (a) National government DNRA
- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Erigavo/Baidoa],
- (b) Elsewhere in Somalia, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] **In which country did you grow up?**

- (a) [SELECT COUNTRIES from P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] **Did your father grow up here in Erigavo/Baidoa ?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'. INSTR

H4 [ONLY IF H1=(a)] **Did your mother grow up here?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'. DNRA INSTR

H5 [ONLY IF H1=(c)] **When did you move to Somalia for the first time?**

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] **When did you move to Erigavo/Baidoa for the first time?**

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] **Have you ever lived elsewhere for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] **Have you ever been to another country?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] **Did you live in another country for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] **Other than the country where you grew up, have you lived in another country for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] **In which countries did you live for at least one year?**

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Somalia,
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in [Somalia] DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Erigavo/Baidoa . Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Erigavo/Baidoa . Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
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- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 **Thinking about your household's current financial situation, would you say your household is ...** [KP]

- (a) Finding it difficult to get by, [KP]
- (b) Coping, or [KP]
- (c) Living comfortably? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 **Looking back to five years ago, has your household's financial situation ...** [KP]

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 **When your parents were the same age as you are now, do you think their standard of living was...** [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 **When your children are the age you are now, do you think their standard of living will be ...** [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 **Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?**

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 **If you needed 450,000 Shillings for an emergency, would you or someone else in your household be able to get it within a week?** [T]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included.
INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of **450,000 Shillings** – how would you spend the money? **[KP]**

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA
INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Erigavo/Baidoa in the past year? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 **[ONLY IF J1=(b)]** Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 **[ONLY IF J1(a) OR J2=(a)]** If you heard about a demonstration for an issue you care about, would you go? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in the parliamentary and local authority elections on 31st May 2021/Municipal elections 2019 ? **[T]** **[KP]**



- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 **[ONLY IF J4=(b)]** Did you vote in that election?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- J6 Did you participate in any party meetings or political rallies in the lead-up to the election?** [KP] DNRA
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J7 In Erigavo/Baidoa , are voters offered money to vote for a candidate during elections?** [KP]
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- J8 How much do you trust the police? Do you trust them...** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J9 How much do you trust the courts of law?** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA
- J10 And how much do you trust the armed forces?** [KP]
- (a) Completely, [KP]
 (b) Mostly, [KP]
 (c) A little, or [KP]
 (d) Not at all? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA



J11 All things considered, how good a job does the Baidoa Municipality/Erigavo Municipal Council do in running Erigavo/Baidoa ? Using this card on which 1 means you think Baidoa Municipality/Erigavo Municipal Council is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

J12 Now thinking about the Federal Government of Somalia/Republic of Somaliland, how good a job does it do in running Somalia/Republic of Somaliland ? Using this card on which 1 means you think Federal Government of Somalia/Republic of Somaliland is doing a terrible job and 10 means it is doing an excellent job in running Somalia/Republic of Somaliland , where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

J13 In Erigavo/Baidoa , how much of a problem is corruption nowadays? Is it... [KP]

- (a) Not at all a problem, [KP]
- (b) A small problem, or [KP]
- (c) A serious problem? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

J14 In the past year, has anyone in Erigavo/Baidoa asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

J15 In your opinion, over the past five years, do you think corruption in Erigavo/Baidoa has...[KP]

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP]
- (b) Doing ok, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in Erigavo/Baidoa it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has Erigavo/Baidoa ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in Erigavo/Baidoa [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, [KP]
- (c) Courts,
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Erigavo/Baidoa which you may have experienced. [KP]

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L5 [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] How far have these problems affected your household's livelihood or income? [KP]

- (a) Not at all, [KP]
- (b) Somewhat, or [KP]
- (c) Very much? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- L6** If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease? [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

- M1** Is the nearest marketplace within walking distance?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

- M2** [ONLY IF M1=(b)] Roughly how many minutes would it take you to walk there?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- M3** Do you have electricity in your home?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- M4** [ONLY IF M3=(b)] Does the electricity come from...

- (a) The public electric grid, [KP]
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

- M5** What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

*A round trip means walking there and back. Do include any time spent queuing. DNRA
INSTR*

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or

- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 50,000 Shillings right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 150,000 Shillings.' Would you play the game or take the 50,000 Shillings? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 50,000 Shillings right now, or you can receive 150,000 Shillings in one year.' What would you choose? [KP]

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 50,000 Shillings right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 450,000 Shillings in one year.' Would you play the game or take the 50,000 Shillings? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

O Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

O1 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

O2 Which research area are you in?

- (a) [SELECT FROM LIST from P2]

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
-
- (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
-
- (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
-
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
-
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST from P4]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists**P1 Enumerator name**

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Erigavo
- (b) Baidoa

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Maxaatiri
- (b) Maay Maay
- (c) Arabic

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Muslim Sunni
- (b) Muslim Other
- (c) Atheist, agnostic, no religious beliefs

MIGNEX survey instrument - Tunisia

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Legend

Red	Module headers (not to be read aloud)
Grey DNRA	Not to be read aloud (not applied in Module O, questions for enumerators)
<i>Grey italic</i>	Instructions for enumerators.
[KP]	'Key phrases' translated for languages
P	Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Enfidha/Redeyef DNRA
- (c) No, elsewhere in Tunisia DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response.
INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) [SELECT LANGUAGE from P4] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- A19** [ONLY IF A17>0] **How many boys aged 12-18 years old live in the household? [T]**
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- A20** [ONLY IF A19(a)=1] **Is he enrolled in lower secondary/prep school or secondary school?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A21** [ONLY IF A19(a) >1] **How many of these boys are enrolled lower secondary/prep school or secondary school?**
- (a) [NUMERICAL] DNRA
 (b) Some of them, but don't know the exact number DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A22** [ONLY IF A17>0] **How many girls aged 12-18 years old live in the household? [T]**
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- A23** [ONLY IF A22(a)=1] **Is she enrolled in lower secondary/prep school or secondary school?**
- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A24** [ONLY IF A22(a) >1] **How many of these girls are enrolled in lower secondary/prep school or secondary school?**
- (a) [NUMERICAL] DNRA
 (b) Some of them, but don't know the exact number DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA
- A25** [ONLY IF A17>0] **Thinking about all the children in the household now - so everyone who is aged 17 years or younger - how many of them are your own children?**
 DNRA
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA
- This includes biological, fostered or adopted children. INSTR*
- A26** [ONLY IF A25>0] **What is the age of the youngest one?**
- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA

(c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many children do you have aged 17 years old or younger who do not live in the same household as you?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF A28=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion.

DNRA INSTR

A31 Overall, would you say schools in Enfidha/Redeyef are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA

INSTR

A32 Do you think that, in general, the schools in Enfidha/Redeyef prepare children well for their future? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful, [KP]
- (b) A bit useful, or [KP]
- (c) Not at all useful? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Enfidha/Redeyef women have the same opportunities as men. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Enfidha/Redeyef ? Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6** In general, do you find that earning a living and feeding a family in Enfidha/Redeyef is... [KP]
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7** Compared to five years ago, do you think that earning a living and feeding a family in Enfidha/Redeyef has... [KP]
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8** And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Enfidha/Redeyef to... [KP]
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9** Have you or another person in your household started a new business during the past year? DNRA
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10** [ONLY IF B9=b] Did the person who started the business invest money or time in the business?
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11** [ONLY IF B9=(b)] Would you say that this business is...
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12** Do you plan to open a new business within the next 12 months, or not?
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Possibly DNRA

- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Enfidha/Redeyef ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Enfidha/Redeyef , and now lives in another country, who has invested in a business here? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Enfidha/Redeyef ? [KP]



- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
- (b) Makes a bit of a difference, or [KP]
- (c) Makes no difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B17** All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are “completely dissatisfied” and 10 means you are “completely satisfied” where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERIC] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- B18** If you think about the ways in which Enfidha/Redeyef is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
 (b) Mostly changing in bad ways? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

- B19** Insufficient income [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B20** Disease and poor health [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B21** Conflict and violence [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration**C1 In five years' time, do you think you'll still be living in Enfidha/Redeyef ? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Tunisia ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Tunisia ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to? [KP]

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Tunisia would you like to... [KP]

- (a) Stay here in Enfidha/Redeyef, or
- (b) Move somewhere else?
- (c) Don't know DNRA

(d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Tunisia to live or work in another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Tunisia ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Tunisia ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.

DNRA INSTR

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Prompt if they say yes, but don't say whether it was for free or for money. INSTR

C16 Have you ever encouraged anybody else in Enfidha/Redeyef to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Tunisia and move to a richer country...

C17 It makes life harder for those who stay behind [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C18 They still contribute to Tunisia [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C19 They support their family members in Tunisia [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C20 They often regret that they have left [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C21 They get rich [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C22 If someone from Enfidha/Redeyef wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Enfidha/Redeyef is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Enfidha/Redeyef has become...

- (a) Worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Become better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a herbalist, fortune teller or spiritual therapist? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in Enfidha/Redeyef died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] How would you say that these measures affected you and your household? Did they...

- (a) Cause severe hardship, [KP]
- (b) Cause some difficulties, or [KP]
- (c) Not make much difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc.
DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E1 CNAM (National Health Insurance Fund)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 PNAFN (Assistance Program for needy families, elderly and disabled)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E3 CNSS (National Social Security Fund)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E4 CNRPS (National Pension and Social Insurance Fund)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- E5** **[ONLY IF E1=(b)] How valuable has CNAM been for your household? Would you say that it has been...**
- (a) Very valuable, [KP]
 - (b) A bit valuable, or [KP]
 - (c) Not valuable? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E6** **[ONLY IF E2=(b)] How valuable has PNAFN been for your household? Would you say that it has been...**
- (a) Very valuable, [KP]
 - (b) A bit valuable, or [KP]
 - (c) Not valuable? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E7** **[ONLY IF E3=(b)] How valuable has CNSS been for your household? Would you say that it has been...**
- (a) Very valuable, [KP]
 - (b) A bit valuable, or [KP]
 - (c) Not valuable? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E8** **[ONLY IF E4=(b)] How valuable has CNRPS been for your household? Would you say that it has been...**
- (a) Very valuable, [KP]
 - (b) A bit valuable, or [KP]
 - (c) Not valuable? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- E9** **Would you say that the poor in Enfidha/Redeyef get help from the authorities if they need it? [KP]**
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR*
- E10** **Thinking back to five years ago, has help for the poor from the authorities... [KP]**
- (a) Gotten worse, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Gotten better? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in Enfidha/Redeyef can be trusted, or that [KP]
 (b) You can't rely on anybody? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR

E13 What is your religion?

- (a) [SELECT FROM LIST from P6] DNRA
 (b) Atheist, agnostic, no religious beliefs DNRA
 (c) Other [PLEASE SPECIFY] DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important, [KP]
 (b) Somewhat important, [KP]
 (c) Not too important, or [KP]
 (d) Not at all important? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] Would you say, you share your faith with others... [KP]

- (a) At least once a week,
 (b) Once or twice a month,
 (c) Several times a year,
 (d) Seldom, or
 (e) Never?
 (f) Don't know DNRA
 (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA

(d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Tunisia , lived abroad for at least one year and later moved back to Tunisia ?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Enfidha/Redeyef who has moved to another part of Tunisia during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Enfidha/Redeyef who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES from P5P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] Would you say that you know more than ten people who have moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Tunisia ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Enfidha/Redeyef? [KP]

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Listen to the response and record the option that fits the best. Do not read out options.
INSTR

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] Do you remember the organiser?

- (a) National government DNRA

- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Enfidha/Redeyef ,
- (b) Elsewhere in Tunisia, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES from P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in Enfidha/Redeyef ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'.

INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'.

DNRA INSTR

H5 [ONLY IF H1=(c)] When did you move to Tunisia for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] **When did you move to Enfidha/Redeyef for the first time?**

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] **Have you ever lived elsewhere for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] **Have you ever been to another country?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] **Did you live in another country for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] **Other than the country where you grew up, have you lived in another country for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] **In which countries did you live for at least one year?**

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Tunisia,
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Tunisia DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Enfidha/Redeyef . Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Enfidha/Redeyef . Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 Thinking about your household's current financial situation, would you say your household is ... [KP]

- (a) Finding it difficult to get by, [KP]
- (b) Coping, or [KP]
- (c) Living comfortably? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 Looking back to five years ago, has your household's financial situation ... [KP]

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 When your parents were the same age as you are now, do you think their standard of living was... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 When your children are the age you are now, do you think their standard of living will be ... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 If you needed 600 Dinar for an emergency, would you or someone else in your household be able to get it within a week? [T]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included. INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of 600 Dinar – how would you spend the money? **[KP]**

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Enfidha/Redeyef in the past year? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 **[ONLY IF J1=(b)]** Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 **[ONLY IF J1(a) OR J2=(a)]** If you heard about a demonstration for an issue you care about, would you go? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in Parliamentary elections in October 2019 ? **[T]** **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 [ONLY IF J4=(b)] **Did you vote in that election?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J6 **Did you participate in any party meetings or political rallies in the lead-up to the election?** [KP] DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J7 **In Enfidha/Redeyef, are voters offered money to vote for a candidate during elections?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J8 **How much do you trust the police? Do you trust them...** [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA



J9 **How much do you trust the courts of law?** [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J10 **And how much do you trust the armed forces?** [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA



- J11** All things considered, how good a job does the **Delegation of Enfidha/Redeyef** do in running **Enfidha/Redeyef** ? Using this card on which 1 means you think **Delegation of Enfidha/Redeyef** is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T]
[KP]

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- J12** Now thinking about the **Government in Tunis** , how good a job does it] do in running **Tunisia** ? Using this card on which 1 means you think **Government in Tunis** is doing a terrible job and 10 means it is doing an excellent job in running **Tunisia** , where would you put it? [T]
[KP]

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

- J13** In **Enfidha/Redeyef** , how much of a problem is corruption nowadays? Is it...
[KP]

- (a) Not at all a problem, [KP]
 (b) A small problem, or [KP]
 (c) A serious problem? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

J14 In the past year, has anyone in Enfidha/Redeyef asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

J15 In your opinion, over the past five years, do you think corruption in Enfidha/Redeyef has...[KP]

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP]
- (b) Doing ok, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in Enfidha/Redeyef it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has Enfidha/Redeyef ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces or militias [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in Enfidha/Redeyef [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, [KP]
- (c) Courts,
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in which you may have experienced. [KP] **Enfidha/Redeyef**

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- L5** [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] **How far have these problems affected your household's livelihood or income?** [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

- L6** **If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease?** [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

M **Infrastructure**

We are in the last part of the interview now, and I have some more questions about your home and daily life.

- M1** **Is the nearest marketplace within walking distance?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

- M2** [ONLY IF M1=(b)] **Roughly how many minutes would it take you to walk there?**

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- M3** **Do you have electricity in your home?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- M4** [ONLY IF M3=(b)] **Does the electricity come from...**

- (a) The public electric grid, [KP]
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M5 What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A round trip means walking there and back. Do include any time spent queuing.
 DNRA INSTR

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or
- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 100 Dinar right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 300 Dinar . Would you play the game or take the 100 Dinar ? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 100 Dinar right now, or you can receive 300 Dinar in one year.' What would you choose? [KP]

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 100 Dinar right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 600 Dinar in one year.' Would you play the game or take the 100 Dinar ? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

0 Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

01 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

02 Which research area are you in?

- (a) [SELECT FROM LIST from P2]

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST from P4]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists

P1 Enumerator name

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Enfidha
- (b) Redeyef

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Arabic
- (b) French

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Muslim
- (b) Judaism
- (c) Christianity
- (d) Atheist, agnostic, no religious beliefs

MIGNEX survey instrument - Turkey

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Modules

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Legend

- Red** Module headers (not to be read aloud)
- Grey DNRA Not to be read aloud (not applied in Module O, questions for enumerators)
- Grey italic* Instructions for enumerators.
- [KP] 'Key phrases' translated for languages
- P** Find drop down lists in Annex P

A Basic information

We are going to start by asking you some questions about yourself and the other people in your household.

A1 How old are you?

- (a) [NUMERICAL, YEARS] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A2 Are you married, or living together with a partner as if married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A3 [ONLY IF A2=(a)] Have you ever been married?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A4 [ONLY IF A2=(b)] Does your spouse/partner live in the same household as you?

- (a) Yes DNRA
- (b) No, elsewhere in Hopa/Yenice/Kilis DNRA
- (c) No, elsewhere in Turkey DNRA
- (d) No, abroad DNRA
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

A household is a group of people who eat and live together. If the spouse/partner does not live in the same household, ask where he or she lives to select the appropriate response.
INSTR

A5 When you were a child, what language did you speak at home with your parents?

- (a) [SELECT LANGUAGE from P4] DNRA
- (b) Other [PLEASE SPECIFY] DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Multiple responses possible. If they spoke a different language with their mother and father, select both languages. INSTR

A6 What is the highest level of formal education you have completed?

- (a) None/no formal education DNRA
- (b) Religious schooling only DNRA
- (c) Primary school (started without completing) DNRA
- (d) Primary school (completed) DNRA
- (e) Lower/junior secondary DNRA
- (f) Upper/senior secondary DNRA
- (g) Tertiary (Bachelors) DNRA
- (h) Tertiary (Masters) DNRA
- (i) Tertiary (PhD) DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

A7 Did your father complete primary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A8 [ONLY IF A7=(b)] And did he complete secondary school?

- (a) No, he did not DNRA
- (b) Yes, he did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A9 Did your mother complete primary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A10 [ONLY IF A9=(b)] And did she complete secondary school?

- (a) No, she did not DNRA
- (b) Yes, she did DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I will now ask you some questions about your household, which means the group of people who eat and live together with you. When I ask about people in your household, I mean everyone who has lived in this house for most of the time in the past six months.

A11 Are you the head of the household? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The head of the household is the person who makes big decisions in the household, for example on how to spend the household's income. DNRA INSTR

A12 [ONLY IF A11=(a)] Is the head of household...[KP]

- (a) Male, or
- (b) Female?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A13 Let's talk about the adults in your household. How many men aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is male INSTR

A14 [ONLY IF A13>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A15 How many women aged 18 years or over live in your household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Enumerators to prompt 'including yourself' if the respondent is female INSTR

A16 [ONLY IF A15>0] How many of these are aged 40 years or over?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A17 Now let's talk about the children in your household. How many children aged 17 years or younger live in the household?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A18 [ONLY IF A17>0] How many of these are aged 4 years or younger?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A19 [ONLY IF A17>0] **How many boys aged 10-17 years old live in the household?**
[T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A20 [ONLY IF A19(a)=1] **Is he enrolled in secondary school?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A21 [ONLY IF A19(a) >1] **How many of these boys are enrolled in secondary school?**

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A22 [ONLY IF A17>0] **How many girls aged 10-17 years old live in the household?**
[T]

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A23 [ONLY IF A22(a)=1] **Is she enrolled in secondary school?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A24 [ONLY IF A22(a) >1] **How many of these girls are enrolled in secondary school?**

- (a) [NUMERICAL] DNRA
- (b) Some of them, but don't know the exact number DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A25 [ONLY IF A17>0] **Thinking about all the children in the household now - so everyone who is aged 17 years or younger - how many of them are your own children?**

DNRA

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A26 [ONLY IF A25>0] **What is the age of the youngest one?**

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A27 Do you have any children aged 17 years old or younger who do not live in the same household as you?

- (a) Yes DNRA
- (b) No DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A28 [ONLY IF A27=1] How many children do you have aged 17 years old or younger who do not live in the same household as you?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

This includes biological, fostered or adopted children. INSTR

A29 [ONLY IF A28>1] What is the age of the youngest one?

[ONLY IF A28=1] How old is the child?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Now I have some questions about education and schools.

A30 How important would you say that going to school is for children's futures? Is it...

- (a) Very important, [KP]
- (b) Quite important, [KP]
- (c) Not particularly important, or [KP]
- (d) Not at all important? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

If the respondent asks which school, say attending schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion.

DNRA INSTR

A31 Overall, would you say schools in Hopa/Yenice/Kilis are...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, [KP]
- (e) Or very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

If the respondent asks, which school, say schools in general, not a particular one. If they ask based on which information, say we are asking them about their opinion. DNRA

INSTR

A32 Do you think that, in general, the schools in Hopa/Yenice/Kilis prepare children well for their future? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A33 Have you participated in any vocational or skills training course in the last five years? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A34 [ONLY IF A32=(b)] Have the new skills you learnt in the training course been useful for earning income afterwards? Would you say that they have been...

- (a) Very useful, [KP]
- (b) A bit useful, or [KP]
- (c) Not at all useful? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Now I will read some statements about the lives of men and women. Please tell me whether you mostly agree, or not.

A35 In Hopa/Yenice/Kilis women have the same opportunities as men. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A36 Only men should be responsible for providing income. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A37 Education is more important for boys than girls. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A38 When a mother works for pay, the children suffer. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A39 Only women should take responsibility for the household. [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B Livelihoods

I am now going to ask you some questions about earning a living.

B1 How easy or difficult is it to find a good job in Hopa/Yenice/Kilis ?
Would you say that it is...

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

B2 What is your own current work situation? Are you...

- (a) Employed and receive a salary, DNRA
- (b) Day labourer/ casual work DNRA
- (c) Farming, fishing, or rearing animals, DNRA
- (d) Working on your own account or running a business, DNRA
- (e) Studying, DNRA
- (f) Unemployed, DNRA
- (g) Not working because of long-term sickness or disability DNRA
- (h) Doing unpaid housework, looking after children or other persons, or DNRA
- (i) Doing something else? [PLEASE SPECIFY]
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If the respondent lists several activities, ask which one they spend the most time on. If not sure which response their daily activity belongs to, select 'doing something else' and write a detailed description. DNRA INSTR

B3 Would you say that you are mostly...

- (a) Satisfied, or, [KP]
- (b) Dissatisfied with this? [KP]
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For the main activity specified in the previous question. DNRA INSTR

B4 Are you actively looking for new work?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Actively means asking around for work, looking online or in newspapers, applying for work. DNRA INSTR

B5 In terms of creating jobs, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B6** In general, do you find that earning a living and feeding a family in Hopa/Yenice/Kilis is... [KP]
- (a) Easy, [KP]
 - (b) Manageable, or [KP]
 - (c) Difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B7** Compared to five years ago, do you think that earning a living and feeding a family in Hopa/Yenice/Kilis has... [KP]
- (a) Become easier, [KP]
 - (b) Stayed the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B8** And how do you expect it will change over the next five years? Do you expect opportunities for earning a living and feeding a family in Hopa/Yenice/Kilis to... [KP]
- (a) Become easier, [KP]
 - (b) Stay the same, or [KP]
 - (c) Become more difficult? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA
- B9** Have you or another person in your household started a new business during the past year? DNRA
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Don't know DNRA
 - (d) Refuse to answer DNRA
- B10** [ONLY IF B9=b] Did the person who started the business invest money or time in the business?
- (a) No DNRA
 - (b) Yes, money DNRA
 - (c) Yes, time DNRA
 - (d) Yes, both time and money DNRA
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B11** [ONLY IF B9=(b)] Would you say that this business is...
- (a) Failing, [KP]
 - (b) Struggling, [KP]
 - (c) Doing well, or [KP]
 - (d) Doing very well? [KP]
 - (e) Don't know DNRA
 - (f) Refuse to answer DNRA
- B12** Do you plan to open a new business within the next 12 months, or not?
- (a) No DNRA
 - (b) Yes DNRA
 - (c) Possibly DNRA

- (d) Don't know DNRA
- (e) Refuse to answer DNRA

B13 Do you know of any foreign businesses that have invested in Hopa/Yenice/Kilis ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B14 Do you know of any person who used to live in Hopa/Yenice/Kilis , and now lives in another country, who has invested in a business here? DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B15 Do you know of any governments or organisations from other countries that work towards improving life in Hopa/Yenice/Kilis ? [KP]



- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

For example, international NGOs or UN organisations DNRA INSTR

B16 [ONLY IF B15=(b)] Do you think that their work...

- (a) Makes a big difference, [KP]
- (b) Makes a bit of a difference, or [KP]
- (c) Makes no difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

- B17** All things considered, how satisfied are you with your life as a whole these days? Using this card on which 1 means you are “completely dissatisfied” and 10 means you are “completely satisfied” where would you put your satisfaction with life as a whole? [KP]

1	2	3	4	5	6	7	8	9	10
									

- (a) [NUMERIC] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- B18** If you think about the ways in which Hopa/Yenice/Kilis is changing, do you think that overall, things are ...

- (a) Mostly changing in good ways, or [KP]
 (b) Mostly changing in bad ways? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

Now I will mention some things that may or may not occur in the future. For each one, please think about the next five years, and tell me if you are worried about it, or not?

- B19** Insufficient income [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B20** Disease and poor health [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

- B21** Conflict and violence [KP]

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

B22 Climate change [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

B23 Losing traditions and customs [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C Migration aspirations and attitudes to migration**C1 In five years' time, do you think you'll still be living in Hopa/Yenice/Kilis ? [KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C2 [ONLY IF C1=(a) OR (c) OR (d)] Do you think you'll still be living in Turkey ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

The question is about what the respondent thinks is most likely. If they instead respond by saying what they hope or want, ask 'Do you think is most likely that you will still be living here, or that you will have moved?' INSTR

C3 Would you like to go and live in another country some time during the next five years, or would you prefer to stay in Turkey ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C4 [ONLY IF C3=(a)] Which country would you like to go to? [KP]

- (a) [SELECT COUNTRY from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

C5 If you stay in Turkey would you like to... [KP]

- (a) Stay here in Hopa/Yenice/Kilis], or
- (b) Move somewhere else?
- (c) Don't know DNRA

(d) Refuse to answer DNRA

C6 During the past year, have you thought seriously about leaving Turkey to live or work in another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C7 During the past year, have you thought seriously about going to live or work somewhere else in Turkey ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In this question we only want to know if the respondent has seriously considered migrating, regardless of whether they concluded that it is best to stay or to leave. INSTR

C8 If someone were to give you the necessary papers to live and work in a richer country, would you go, or would you stay in Turkey ? [KP]

- (a) Go DNRA
- (b) Stay DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C9 If you were to go to live or work in a richer country, do you think your family would... [KP]

- (a) Approve, or
- (b) Disapprove?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C10 In the past five years, have you ever prepared to move to another country, but not been able to go? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C11 Have you ever had a passport for international travel?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C12 [ONLY IF C10=(b)] And do you have a valid passport now?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

C13 [ONLY IF C10=(b)] During the past five years, did you apply for a visa for going to a richer country?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Richer countries are countries like USA, Canada, European countries, Gulf countries.

DNRA INSTR

C14 Has anybody ever encouraged you to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if someone else has suggested migration to the respondent, as opposed to going on a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. DNRA INSTR

C15 Has anybody ever offered to help you to go to a richer country, either for free or for money?

- (a) No DNRA
- (b) Yes, for free DNRA
- (c) Yes, for money DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Prompt if they say yes, but don't say whether it was for free or for money. INSTR

C16 Have you ever encouraged anybody else in Hopa/Yenice/Kilis to go to a richer country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

We only want to know if the respondent ever suggested to someone else that they should migrate as opposed to a holiday or short trip. Richer countries are countries like USA, Canada, European countries, Gulf countries. INSTR

Now I will read some statements and I would like you to say whether you agree or disagree.

When people leave Turkey and move to a richer country...

C17 It makes life harder for those who stay behind [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C18 They still contribute to Turkey [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C19 They support their family members in Turkey [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C20 They often regret that they have left [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C21 They get rich [KP]

- (a) Agree DNRA
- (b) Neither agree nor disagree DNRA
- (c) Disagree DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

C22 If someone from Hopa/Yenice/Kilis wants to go live or work in a richer country, how easy or difficult do you think it would be to actually do it? Would it be... [KP]

- (a) Very easy, [KP]
- (b) Easy, [KP]
- (c) Difficult, or [KP]
- (d) Very difficult? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

D Health

We are moving on to some questions about health now.

D1 During the past year, have you or anyone in your household been seriously ill or injured or had another serious health problem?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D2 [ONLY IF D1(b)] Thinking about the most recent time, did the person who was sick or injured receive formal health care? By this I mean the kinds of examination or treatment that a doctor, nurse or pharmacist would be able to provide [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples of formal health care providers include physiotherapists, psychologists and midwives from a hospital, clinic or health centre. DNRA INSTR

D3 [ONLY IF D2=(a)] Why not?

- (a) It was not necessary DNRA
- (b) Received other kinds of health care (not formal health care) DNRA
- (c) Too far away/no transportation DNRA
- (d) Waiting time too long DNRA
- (e) Quality not good DNRA
- (f) Couldn't afford to pay DNRA
- (g) Don't have health insurance DNRA
- (h) Didn't know where to go DNRA
- (i) Don't feel welcome at health centre or clinic DNRA
- (j) Other [PLEASE SPECIFY] DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

Multiple response possible. Listen to the response and mark all that apply. Do not suggest specific reasons. INSTR

D4 Generally speaking, would you say formal health care in Hopa/Yenice/Kilis is...

- (a) Very bad, [KP]
- (b) Bad, [KP]
- (c) Fair, [KP]
- (d) Good, or [KP]
- (e) Very good? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D5 In the past five years do you think that formal health care in Hopa/Yenice/Kilis has become...

- (a) Worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Become better? [KP]
- (d) Don't know DNRA

(e) Refuse to answer DNRA

D6 Do you, or others in your household, sometimes get health treatments from someone else who is not a doctor, nurse, or pharmacist – for instance a herbalist or exorcist hodja? [T] [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Other examples are priests, unlicensed midwives, shamans, healers. INSTR

D7 In general, how would you rate your own health today? Would you say that it is... [KP]

- (a) Very good, [KP]
- (b) Good, [KP]
- (c) Moderate, [KP]
- (d) Bad, or [KP]
- (e) Very bad? [KP]
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

This is referring to physical health, not mental health. DNRA INSTR

D8 [ONLY IF A18>0] Think about the child aged four years or younger in your household that had their birthday most recently. How would you describe their growth and health? [KP]

- (a) Very good,
- (b) Good,
- (c) Moderate,
- (d) Bad, or
- (e) Very bad?
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

D9 Have you heard about the recent coronavirus disease or COVID-19?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D10 [ONLY IF D9=(a)] As far as you know, has anyone here in Hopa/Yenice/Kilis died from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D11 [ONLY IF D9=(a)] Have you or others in your household been seriously ill from the virus?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D12 [ONLY IF D9=(a)] **Have you or others in your household experienced government measures to contain the virus, such as travel restrictions, school closures, or meeting in groups not allowed?**

- (a) No DNRA
- (b) Yes DNRA**
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

D13 [ONLY IF D12=(a)] **How would you say that these measures affected you and your household? Did they...**

- (a) Cause severe hardship, [KP]
- (b) Cause some difficulties, or [KP]
- (c) Not make much difference? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

We are interested in all impacts, including financial losses, the effects of school closures etc.
DNRA INSTR

E Social protection and social cohesion

Has anyone in your household received any of the following support from the authorities or other organisations in the past year? [KP]

E0A Are you Syrian?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E0B [ONLY IF E0A=(b)] **Do you have Turkish citizenship?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E1 Needs-based aid (pension for the disabled, orphan, widow, and elderly)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E2 ISKUR Short Term Employment Allowance / Unemployment Benefit

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E3 Housing-Food aid (housing, coal, electricity, food, soup kitchen)

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E4 Conditional cash transfer for education

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

E1A Red Crescent Card (ESSN)

- (e) No DNRA
- (f) Yes DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

E2A UNICEF Education Aid

- (i) No DNRA
- (j) Yes DNRA
- (k) Don't know DNRA
- (l) Refuse to answer DNRA

E5 [ONLY IF E1=(b)] **How valuable has Needs-based aid been for your household? Would you say that it has been...**

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E6 [ONLY IF E2=(b)] **How valuable has ISKUR Short Term Employment Allowance / Unemployment Allowance been for your household? Would you say that it has been...**

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E7 [ONLY IF E3=(b)] **How valuable has Housing-Food aid been for your household? Would you say that it has been...**

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E8 [ONLY IF E4=(b)] **How valuable has Conditional cash transfer for education been for your household? Would you say that it has been...**

- (a) Very valuable, [KP]
- (b) A bit valuable, or [KP]
- (c) Not valuable? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E5A [ONLY IF E4=(b)] **How valuable has Red Crescent Card (ESSN) been for your household? Would you say that it has been...**

- (f) Very valuable, [KP]
- (g) A bit valuable, or [KP]
- (h) Not valuable? [KP]
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

E6A [ONLY IF E4=(b)] **How valuable has UNICEF Education Aid been for your household? Would you say that it has been...**

- (k) Very valuable, [KP]
- (l) A bit valuable, or [KP]
- (m) Not valuable? [KP]
- (n) Don't know DNRA
- (o) Refuse to answer DNRA

E9 **Would you say that the poor in Hopa/Yenice/Kilis get help from the authorities if they need it? [KP]**

- (a) No DNRA

- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This could include financial transfers, food aid, housing, other kinds of in-kind support and other practical support. DNRA INSTR

E10 Thinking back to five years ago, has help for the poor from the authorities... [KP]

- (a) Gotten worse, [KP]
- (b) Stayed the same, or [KP]
- (c) Gotten better? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

E11 Would you say that...

- (a) Most people in Hopa/Yenice/Kilis can be trusted, or that [KP]
 (b) You can't rely on anybody? [KP]
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

E12 During the past year, have you participated in any kind of volunteering or community group? DNRA

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

This could include mutual support groups, education committees, neighbourhood committees, NGOs etc. DNRA INSTR

E13 What is your religion?

- (a) [SELECT FROM LIST from P6] DNRA
 (b) Atheist, agnostic, no religious beliefs DNRA
 (c) Other [PLEASE SPECIFY] DNRA
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

E14 [ONLY IF E13 IS NOT (b)] How important would you say religion is in your life? Would you say that it is...

- (a) Very important, [KP]
 (b) Somewhat important, [KP]
 (c) Not too important, or [KP]
 (d) Not at all important? [KP]
 (e) Don't know DNRA
 (f) Refuse to answer DNRA

E15 [ONLY IF E13 IS NOT (b)] Would you say, you share your faith with others... [KP]

- (a) At least once a week,
 (b) Once or twice a month,
 (c) Several times a year,
 (d) Seldom, or
 (e) Never?
 (f) Don't know DNRA
 (g) Refuse to answer DNRA

By 'share your faith with others' we mean, for instance, praying together or going to a church or mosque. DNRA INSTR

F Migration-related networks and migration policy

Now I am going to ask you some more questions about family, relatives and friends.

F1 Do you have any family members, relatives or friends who live in another country?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA

(d) Refuse to answer DNRA

F2 [ONLY IF F1=(b)] In which countries?

- (a) [SELECT COUNTRIES from P5] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Multiple response possible. INSTR

F3 [ONLY IF F1=(b)] Did any of them live in your household before they moved to another country?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F4 Do you have other family members, relatives or friends who left Turkey , lived abroad for at least one year and later moved back to Turkey ?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F5 [ONLY IF F4=(b)] In which countries did they live?

- (a) [SELECT COUNTRIES from P5] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Multiple response possible. INSTR

F6 [ONLY IF F4=(b)] Do any of them now live in your household?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F7 [ONLY IF F1=(b)] Have you seen, talked with, or exchanged messages with any of your family members, relatives or friends abroad during the past year?

- (a) No DNRA
 (b) Yes DNRA
 (c) Don't know DNRA
 (d) Refuse to answer DNRA

F8 [ONLY IF F1=(b)] Would you say that there is any of them that you have been in contact with every month?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

F9 [ONLY IF F1=(b) OR IF F3=(b)] Has anyone who lives abroad sent money to you or anyone in your household during the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This can be money sent by either family, relatives or friends, DNRA INSTR

F10 [ONLY IF F9=(b)] Was any of the money you received sent by someone who used to live in your household?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G Migration patterns

G1 Do you know anyone who used to live here in Hopa/Yenice/Kilis who has moved to another part of Turkey during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G2 [ONLY IF G1=(b)] Would you say that you know more than ten people who have done so?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G3 Do you know anyone who used to live here in Hopa/Yenice/Kilis who has moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G4 [ONLY IF G3=(b)] Which countries did they go to?

- (a) [SELECT COUNTRIES from P5P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

G5 [ONLY IF G3=(b)] Would you say that you know more than ten people who have moved to another country during the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Have you or someone you know in the past five years...

G6 Been injured whilst on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G7 Lost their life on the way to move to another country? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G8 Been detained on the way to move to another country, not reaching their destination? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G9 Tried to move to one particular country, but was stuck in another country instead? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G10 Been deported from abroad and forced to come back to Turkey ? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G11 [ONLY IF G6=(b) OR G8=(b) OR G9=(b) OR G10=(b)] Did any of these things happen to you personally?

- (a) No DNRA
- (b) Yes DNRA

Sometimes there are TV shows, events or other information about migration – about people moving from one country to another. Over the last year, have you seen or heard of any of the following in Hopa/Yenice/Kilis? [KP]

G12 A TV advert or programme about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G13 A workshop or event about migration? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G14 A radio programme or advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G15 Social media or a website about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G16 A poster or newspaper advert about migration?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

G17 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) OR G16=(b) Do you remember what the campaign or campaigns were telling you to do or not do?

- (a) Explaining what migration is DNRA
- (b) Telling people to migrate DNRA
- (c) Telling people how to migrate DNRA
- (d) Telling people not to migrate DNRA
- (e) Welcoming immigrants from other countries DNRA
- (f) Warning people about immigrants [KP] DNRA
- (g) Warning people about dangers of smuggling [KP] DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

*Listen to the response and record the option that fits the best. Do not read out options.
INSTR*

G18 [ONLY IF G12=(b) OR G13=(b) OR G14=(b) OR G15=(b) or G16=(b)] Do you remember the organiser?

- (a) National government DNRA

- (b) Local authorities DNRA
- (c) NGO DNRA
- (d) International organisation DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't remember DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

H Personal migration history

H1 Did you grow up...

- (a) Here in Hopa/Yenice/Kilis,
- (b) Elsewhere in Turkey, or
- (c) In another country? DNRA
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If the respondent moved during childhood, record where he or she lived for most of the time between age 6 and 12. INSTR

H2 [ONLY IF H1=(c)] In which country did you grow up?

- (a) [SELECT COUNTRIES from P4(a)] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H3 [ONLY IF H1=(a)] Did your father grow up here in Hopa/Yenice/Kilis ?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the father lived in the area at all as a child, regardless of whether he also spent parts of his childhood elsewhere. If there is no information about the father, ask about the father's siblings. If any of them grew up in the area, indicate 'yes'.

INSTR

H4 [ONLY IF H1=(a)] Did your mother grow up here?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Try to limit the use of 'don't know' for this question. Help the respondent if necessary. The answer should be 'yes' if the mother lived in the area at all as a child, regardless of whether she also spent parts of her childhood elsewhere. If there is no information about the mother, ask about the mother's siblings. If any of them grew up in the area, indicate 'yes'.

DNRA INSTR

H5 [ONLY IF H1=(c)] When did you move to Turkey for the first time?

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H6 [ONLY IF H1=(b) OR (c)] **When did you move to Hopa/Yenice/Kilis for the first time?**

- (a) [Number of years ago] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

H7 [ONLY IF H1=(a)] **Have you ever lived elsewhere for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H8 [ONLY IF H1 IS NOT (c)] **Have you ever been to another country?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H9 [ONLY IF H8=(b)] **Did you live in another country for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H10 [ONLY IF H1=(c)] **Other than the country where you grew up, have you lived in another country for at least one year?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

H11 [ONLY IF H9=(b) OR H10=(b)] **In which countries did you live for at least one year?**

- (a) [SELECT COUNTRIES from P5] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Multiple response possible. INSTR

I Poverty and wealth

Now we will move on to a few questions about your household’s financial situation.

11 If you think about your household’s income, would you say that the most important source of income is...

- (a) Income from wages,
- (b) Income from agriculture, fishing, or herding,
- (c) Income from business,
- (d) Income from renting out property,
- (e) Money received from people living abroad,
- (f) Money received from people living elsewhere in Turkey,
- (g) Support or aid from the authorities or other organisations, [KP] or
- (h) Other? [PLEASE SPECIFY]
- (i) Don’t know DNRA
- (j) Refuse to answer DNRA

Wages is a regular income paid by an employer. DNRA INSTR



12 What would you say is your household’s second most important source of income?

- (a) Income from wages DNRA
- (b) Income from agriculture, fishing, herding DNRA
- (c) Income from business DNRA
- (d) Income from renting out property DNRA
- (e) Money received from people living abroad DNRA
- (f) Money received from people living elsewhere in Turkey DNRA
- (g) Support or aid from the authorities or other organisations DNRA
- (h) Other [PLEASE SPECIFY] DNRA
- (i) None (only one source of income) DNRA
- (j) Don’t know DNRA
- (k) Refuse to answer DNRA

Enumerators should NOT read out the options a second time here but should prompt respondents if needed. INSTR

13 Think about the difference between rich and poor households in Hopa/Yenice/Kilis . Imagine that on this card, 1 represents the very poorest households and 10 represents the very richest households in Hopa/Yenice/Kilis . Where would you place your own household?

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
- (b) Don’t know DNRA
- (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

14 Thinking about your household's current financial situation, would you say your household is ... [KP]

- (a) Finding it difficult to get by, [KP]
- (b) Coping, or [KP]
- (c) Living comfortably? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

15 Looking back to five years ago, has your household's financial situation ... [KP]

- (a) Become better,
- (b) Stayed the same, or
- (c) Gotten worse?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

16 When your parents were the same age as you are now, do you think their standard of living was... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

17 When your children are the age you are now, do you think their standard of living will be ... [KP]

- (a) Worse than yours is now,
- (b) About the same as yours is now, or
- (c) Better than yours is now?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

If respondents don't have children or don't want children in the future, ask them to imagine what the standard of living will be like for nieces or nephews. INSTR

18 Over the past month, how many times have you or anyone in your household gone to sleep without having had enough food to eat that day?

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

19 If you needed 4000 Lira for an emergency, would you or someone else in your household be able to get it within a week? [T]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If necessary, prompt with an example of an emergency, e.g. health emergency of household member if fits in the context. INSTR

I10 [ONLY IF I9=(b)] How would you obtain the money? [T]

- (a) Sale of household assets DNRA
- (b) Household savings DNRA
- (c) Loan from a bank DNRA
- (d) Loan from a credit, microfinance, savings organisation DNRA
- (e) Loan from landlord or employer DNRA
- (f) From family or friends outside of country DNRA
- (g) From family or friends inside country DNRA
- (h) Non-profit or religious organizations DNRA
- (i) Other [PLEASE SPECIFY] DNRA
- (j) Don't know DNRA
- (k) Refuse to answer DNRA

If respondents find it hard to answer, or give several answers, ask 'how would you first try to obtain the money?' or 'how do you think it is most likely that you would obtain the money'. Do not suggest specific responses. DNRA INSTR

I11 Do you or people in your household own any land?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I12 Is your home...

- (a) Owned by someone in the household,
- (b) Rented, or is there
- (c) Another arrangement [PLEASE SPECIFY]?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

I13 How many rooms are there in this house?

- (a) [NUMERICAL] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

Don't include the kitchen, bathrooms, corridor, and garage in the count. Rooms divided by non-permanent materials (e.g. a curtain) are counted as only one. If the household lives in several buildings, count the rooms in all the buildings that are used as residence. INSTR

I14 What material is the floor in most of the house made of?

- (a) Concrete or cement DNRA
- (b) Tiles, brick, granite, stone DNRA
- (c) Wood DNRA
- (d) Vinyl DNRA
- (e) Dirt, sand, dung DNRA
- (f) Cane DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

I am going to read out a list of different items. For each, could you tell me if your household has any of the following items in working condition?

I15 Television

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I16 Refrigerator

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I17 Car

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I18 Bicycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I19 Chair

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I20 Radio

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I21 Washing machine

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I22 Moped/motorcycle

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I23 Air conditioning

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I24 Computer

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Laptops can be considered computers, but tablets should not be included. INSTR

I25 Do you, yourself, own a mobile phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I26 [ONLY IF I25=(b)] Is your mobile phone a smart phone?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

If respondents do not know what a smart phone is, explain that this is a phone that has a touch screen and can take photos that can be shared with others. INSTR

I27 Have you ever used the internet from any location and on any device?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Using the internet includes, for instance, watching videos, reading news, or using apps such as YouTube and Facebook. DNRA INSTR

I28 [ONLY IF I27=(b)] Have you used the internet in the past year?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

I29 [ONLY IF I28=(b)] During the last month, how often did you use the internet? Was it...

- (a) Almost every day,
- (b) At least once a week,
- (c) Less often, or
- (d) Not at all?
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

I30 Imagine that you were to receive a gift of **4000 Lira** - how would you spend the money? **[KP]**

- (a) Basic needs (including food, education, health) DNRA
- (b) Vehicle (car, bike, tractor) DNRA
- (c) Renovate/extend house DNRA
- (d) Start a business or invest in current business DNRA
- (e) Pay off debts/savings DNRA
- (f) Finance migration DNRA
- (g) Other [PLEASE SPECIFY] DNRA
- (h) Don't know DNRA
- (i) Refuse to answer DNRA

This is a hypothetical question. If they ask from whom, say from a long-lost family member. Do not read out the options or give examples to respondents. DNRA INSTR

J Institutions and governance

J1 Have you heard of any demonstrations or protest marches in Hopa/Yenice/Kilis in the past year? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J2 **[ONLY IF J1=(b)]** Did you personally participate?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J3 **[ONLY IF J1(a) OR J2=(a)]** If you heard about a demonstration for an issue you care about, would you go? **[KP]**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J4 Were you eligible to vote in the March 31, 2019 Local Elections ? **[T]**
[KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J5 [ONLY IF J4=(b)] **Did you vote in that election?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J6 **Did you participate in any party meetings or political rallies in the lead-up to the election?** [KP] DNRA

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J7 **In Hopa/Yenice/Kilis, are voters offered money to vote for a candidate during elections?** [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

J8 **How much do you trust the police? Do you trust them...** [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J9 **How much do you trust the courts of law?** [KP]



- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

J10 **And how much do you trust the armed forces?** [KP]

- (a) Completely, [KP]
- (b) Mostly, [KP]
- (c) A little, or [KP]
- (d) Not at all? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

- J11** All things considered, how good a job does the municipality do in running Hopa/Yenice/Kilis ? Using this card on which 1 means you think the municipality is doing a terrible job and 10 means it is doing an excellent job in running this area, where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----






- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

- J12** Now thinking about the central government , how good a job does it do in running Turkey ? Using this card on which 1 means you think the central government is doing a terrible job and 10 means it is doing an excellent job in running Turkey , where would you put it? [T] [KP]

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

- (a) [NUMERICAL] DNRA
 (b) Don't know DNRA
 (c) Refuse to answer DNRA

Enumerator should show this card when they ask the questions and then record the response on the tablet. INSTR

Now let's move on to thinking about corruption.

- J13** In Hopa/Yenice/Kilis , how much of a problem is corruption nowadays?
 Is it... [KP]

- (a) Not at all a problem, [KP]
 (b) A small problem, or [KP]
 (c) A serious problem? [KP]
 (d) Don't know DNRA
 (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

J14 In the past year, has anyone in Hopa/Yenice/Kilis asked you, or expected you, to pay a bribe for his or her services? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

A bribe is when someone expects you to make a payment for a service they should have provided regardless. DNRA INSTR

J15 In your opinion, over the past five years, do you think corruption in Hopa/Yenice/Kilis has...[KP]

- (a) Become less of a problem,
- (b) Stayed the same, or
- (c) Become a bigger problem?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. INSTR

J16 In terms of fighting corruption, do you think the authorities are... [KP]

- (a) Doing well, [KP]
- (b) Doing ok, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

Corruption is dishonest behaviour by people who are in authority or who have important responsibilities. DNRA INSTR

K Security

K1 Do you think that here in Hopa/Yenice/Kilis it is safe to walk the streets at night?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In general, for both men and women. DNRA INSTR

K2 Compared to five years ago, has Hopa/Yenice/Kilis ...

- (a) Become more dangerous, [KP]
- (b) Stayed the same, [KP]
- (c) Or become safer? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer

K3 In the past five years, have you or anyone in your household experienced theft, burglary or robbery? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA

(d) Refuse to answer DNRA

K4 In the past five years, have you or anyone in your household experienced assault or physical violence? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Please tell me whether, in the past five years, you have ever personally feared any of the following types of violence?

K5 Violence at a political rally, public protest or demonstration [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K6 An armed attack by armed forces including non-state groups [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K7 Any other types of violence among people in Hopa/Yenice/Kilis [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

K8 Have you personally experienced any of these types of violence in the past five years?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

This question is about experience, the previous one about fear. Remind the respondent of the types of violence, if needed. DNRA INSTR

K9 If you felt threatened or in danger, who could help you? Could you turn to...

- (a) The police,
- (b) Armed group, including non-state actors, [KP]
- (c) Courts,
- (d) National authorities, [KP]
- (e) Community leaders, [KP]
- (f) Religious leaders, [KP]
- (g) Someone else [PLEASE SPECIFY], or would you have
- (h) Nobody to turn to?
- (i) Don't know DNRA
- (j) Refuse to answer DNRA

Multiple answers possible DNRA INSTR

K10 In terms of reducing crime, do you think the authorities are...

- (a) Doing well, [KP]
- (b) Doing OK, or [KP]
- (c) Doing badly? [KP]
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

L Environmental issues

I am now going to ask about environmental problems in Hopa/Yenice/Kilis which you may have experienced. [KP]

L1 In the last five years, has your household been affected by droughts?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L2 Has it been affected by floods?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

L3 Has it been affected by soil degradation? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

Soil degradation is when the land becomes less fertile. DNRA INSTR

L4 And has it been affected by crop or livestock disease? [KP]

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- L5** [ONLY IF L1=(b) OR L2=(b) OR L3=(b) OR L4=(b)] **How far have these problems affected your household's livelihood or income?** [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

- L6** **If you think about the coming five years, how do you expect your household's livelihood or income will be affected by environmental problems such as droughts, floods, soil degradation, or crop and livestock disease?** [KP]
- (a) Not at all, [KP]
 - (b) Somewhat, or [KP]
 - (c) Very much? [KP]
 - (d) Don't know DNRA
 - (e) Refuse to answer DNRA

M Infrastructure

We are in the last part of the interview now, and I have some more questions about your home and daily life.

- M1** **Is the nearest marketplace within walking distance?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

In urban areas, this could refer to a food market, supermarket or shopping mall.
INSTR

- M2** [ONLY IF M1=(b)] **Roughly how many minutes would it take you to walk there?**

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

- M3** **Do you have electricity in your home?**

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

- M4** [ONLY IF M3=(b)] **Does the electricity come from...**

- (a) The public electric grid, [KP]
- (b) A generator,
- (c) Solar power, or
- (d) Another source? [PLEASE SPECIFY]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M5 What is your main source of energy for cooking?

- (a) Electricity DNRA
- (b) Gas DNRA
- (c) Oil (including kerosene) DNRA
- (d) Charcoal DNRA
- (e) Firewood DNRA
- (f) Other [PLEASE SPECIFY] DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M6 What kind of toilet does your household have?

- (a) Flush toilet (linked to sewerage) DNRA
- (b) Pit/latrine DNRA
- (c) Pan/bucket DNRA
- (d) Other [PLEASE SPECIFY] DNRA
- (e) No toilet DNRA
- (f) Squatting toilet DNRA
- (g) Don't know DNRA
- (h) Refuse to answer DNRA

M7 [ONLY IF M6=(a) OR (b) OR (c) OR (d)] Do you share it with other households?

- (a) No DNRA
- (b) Yes DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M8 What is your main source of water for drinking?

- (a) Tap DNRA
- (b) Well DNRA
- (c) River sources DNRA
- (d) Bottled water/sachet water DNRA
- (e) Other [PLEASE SPECIFY] DNRA
- (f) Don't know DNRA
- (g) Refuse to answer DNRA

M9 [ONLY IF M8=(a) OR (b)] Is this water source... ?

- (a) Only for your household, or
- (b) Shared with other households?
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

M10 [ONLY IF M9] How long does a round trip to fetch water usually take, in minutes?

- (a) [NUMERICAL, MINUTES] DNRA
- (b) Don't know DNRA
- (c) Refuse to answer DNRA

A round trip means walking there and back. Do include any time spent queuing.
 DNRA INSTR

M11 How often do you have shortages of water from your usual drinking water source? Would you say that it is...

- (a) Never, [KP]
- (b) Sometimes, [KP]
- (c) Often, or [KP]
- (d) Always? [KP]
- (e) Don't know DNRA
- (f) Refuse to answer DNRA

M12 Compared to five years ago, how reliable is your current source of water for drinking? Would you say it is...

- (a) Worse,
- (b) The same, or
- (c) Better?
- (d) Don't know DNRA
- (e) Refuse to answer DNRA

N Risk

We have now come almost to the end of our interview. I would like to ask you three more questions about yourself.

N1 Imagine that a kind man came to give you a gift. He said that 'you can choose between either receiving 700 Lira right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 2100 Lira . Would you play the game or take the 700 Lira ? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N2 Now imagine that he gave you a different choice. He said that 'either you can receive 700 Lira right now, or you can receive 2100 Lira in one year.' What would you choose? [KP]

- (a) Take the lower amount now DNRA
- (b) Take the higher amount in one year DNRA
- (c) Don't know DNRA
- (d) Refuse to answer DNRA

N3 Finally, imagine a different type of choice. He said that 'you can choose between either receiving 700 Lira right now or playing a game of tossing a coin. If we play and it's heads, you receive nothing. But if we play and it's tails, you receive 4200 Lira in one year.' Would you play the game or take the 700 Lira ? [KP]

- (a) Take the certain amount DNRA
- (b) Play the game DNRA
- (c) Don't know DNRA
- (d) Refuse to answer

0 Questions for enumerators

To be completed before the interview

Please answer the following questions before approaching the selected household.

01 What is your name?

- (a) [SELECT FROM LIST from P1]
- (b) Other [PLEASE SPECIFY]

02 Which research area are you in?

- (a) [SELECT FROM LIST from P2]

03 Which cluster are you in?

- (a) [SELECT FROM LIST from P3]

The interview ID is: [_ _ _]. Please write down the interview ID in the Record of visits.

04 Now approach the household and knock on the door. Is an adult home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 04=(b)] This was the first visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

05 [ONLY IF 04=(b)] Welcome back to the first return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 05=(b)] This was the second visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

06 [ONLY IF 05=(b)] Welcome back to the final return visit of [interview_ID]. Please knock on the door once again. Is an adult at home at the selected household?

- (a) Yes
- (b) No

[ONLY IF 06=(b)] This was the third and final visit to [interview_ID]. Please mark 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

07 [ONLY IF 04=(a) OR 05=(a) OR 06=(a)] Please read the following to the adult at the door: Hello, my name is [NAME] and I work for [SURVEY ORGANISATION]. I am conducting a survey of young adults in this area. Are there any 18-39 year olds that live here?

- (a) Yes
- (b) No

[ONLY IF 07=(b)] Please mark on the Record of Visits form 'Not target' with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

08 [ONLY IF 07=(a)] Now it is time to randomly select a respondent from the household. How many 18-39 year olds are there in this household? Write down their ages on a sheet of paper.

- (a) [NUMERICAL, WRITE ON SHEET OF PAPER]

ONLY IF 08>1 The random number is: X. Please select the respondent that corresponds to this number.

ONLY IF 08=1 As there is only one household member aged 18-39, please interview that respondent.

09 [ONLY IF 07=(a)] Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

010 [ONLY IF 09=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 09=(b)] This was the first visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

011 [ONLY IF 09=(b)] Welcome back to the first return visit of [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

012 [ONLY IF 011=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 011=(b)] This was the first return visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Exit the survey form here and don't forget to click 'Save changes' so you can return to this form when you return to this household later.

013 [ONLY IF 011=(b)] Welcome back to the final return visit to [interview_ID]. Is the selected respondent at home and available to be interviewed?

- (a) Yes
- (b) No

014 [ONLY IF 013=(b)] Why was the selected respondent not interviewed?

- (a) Respondent refused to be interviewed
- (b) Another household member refused for the respondent to be interviewed
- (c) Respondent was not at home
- (d) Respondent was too busy
- (e) Respondent was ill
- (f) Respondent was drunk or on drugs
- (g) Respondent was handicapped in ways that were not compatible with interviewing (e.g. deaf)
- (h) No enumerators spoke a language the respondent could understand
- (i) Other [PLEASE SPECIFY]

[ONLY IF 013=(b)] This was the third and final visit to [interview_ID]. Please mark 'Busy' or 'Not home' on the Record of Visits form with the date and time. Please swipe to the end of the form to answer a final question, complete this form and click 'Save form and exit.'

015 [ONLY IF 09=(a) OR 011=(a) OR 013=(a)] Now it is time to obtain informed consent. Please read out the oral statement to the respondent and answer any questions. Does the selected respondent in this household give informed consent?

- (a) Yes
- (b) No

016 [ONLY IF 015=(b)] Why was the selected respondent not interviewed?

- (a) Respondent did not give informed consent
- (b) Another household member refused for the respondent to be interviewed

[ONLY IF 015=(b)] Please mark 'Refused' on the Record of Visits form with the date and time. Please swipe to the end of the form to complete this form and click 'Save form and exit.'

017 [ONLY IF 015=(a)] Is this a re-interview?

- (a) Yes
- (b) No

018 [ONLY IF 017=(a)] Please enter the eight-digit number from the original Interview ID for the respondent you are re-interviewing.

- (a) [NUMBER]

To be completed after the interview

Please thank the respondent for their participation. Complete the next few questions once you have left the respondent.

019 Please record your GPS location

020 What gender is the respondent?

- (a) Female
- (b) Male

021 What language was the interview conducted in?

- (a) [SELECT FROM LIST from P4]

022 Was the respondent bored or impatient?

- (a) No
- (b) Yes

023 Do you think anyone influenced the respondent's answers during the interview?

- (a) No
- (b) Yes

024 Did the respondent or anyone else make you feel uncomfortable or threatened during the interview?

- (a) No
- (b) Yes

025 Was there any other problem in the interview?

- (a) No
- (b) Yes [PLEASE SPECIFY]

P Annex: drop down lists

P1 Enumerator name

- (a) Enumerator 1
- (b) Enumerator 2
- (c) Enumerator 3
- (d) Enumerator 4
- (e) Enumerator 5
- (f) Enumerator 6

P2 Research area list

- (a) Hopa
- (b) Yenice
- (c) Kilis

P3 Cluster list

- (a) Cluster 1
- (b) Cluster 2
- (c) Cluster 3
- (d) Cluster 4
- (e) Cluster 5
- (f) Cluster 6

P4 Language list

- (a) Turkish
- (b) Kurdish
- (c) Arabic
- (d) Georgian
- (e) Laz language
- (f) Hamshen language (Homshetsi)
- (g) Pomak language
- (h) Armenian
- (i) Greek
- (j) Syriac
- (k) Adygei

P5 Country list

- (a) Country 1
- (b) Country 2
- (c) Country 3
- (d) Country 4
- (e) Country 5
- (f) Country 6

P6 Religion list

- (a) Muslim (Sunni)
- (b) Muslim (Alevi)
- (c) Muslim (Shia)
- (d) Muslim (Other)
- (e) Christian
- (f) Jewish

Annex 3: MIGNEX Survey variables

This annex has six parts:

1. MIGNEX Survey variable list
2. Value labels sorted in dataset order
3. Value labels sorted by variable name
4. Languages
5. Countries (ISO code)
6. Countries (numeric value)

In addition, the Excel file MIGNEX-Survey-variable-overview-[date].xlsx provides a detailed overview of all variables and their metadata.

MIGNEX Survey variable list

Coverage flags: ▶ Variable does not apply to all countries; See *MIGXEX-Survey-variable-overview-[date].xlsx* for details.

▶ Variable is part of a series of country-specific variables that, together, cover all countries. **Missings flags:** ▶ 1000 or more system-missing observations; ▶ 10-999 system-missing observations; ▶ <10 system-missing observations. (A large number of system-missing variables usually indicates that the corresponding question was not asked to all respondents. System-missing values do not include responses of 'Don't know' and 'Refuse to answer'.)

Variables marked 'PLACEHOLDER' represent a series of dummy-variables for specific languages or countries. Variables for the specification of 'other' responses, as well as some metadata variables, are not included in this overview.

Coverage	Missings	Variable name	Variable label
			Pre-interview metadata
	▶	y_id	Interview ID
	▶	y_country	Country
	▶	y_stratum	Stratum
	▶	y_hhweight	Household weight
	▶	y_indivweight	Individual weight
	▶	y_racorrection	Research area correction factor
	▶	y_adjweight	Adjusted individual weight
	▶	o01enumname_c	Enumerator name
	▶	o02ra_c	Research area
	▶	ra	Research area (ID)
	▶	o03cluster_c	Cluster
	▶	z_numvisit_c3	Number of visits to household
			A. Basic information
	▶	a01age_n	Age
	▶	age_c3	Age categories
	▶	a02married_d	Is married or cohabits
	▶	a03evrmarried_d	Has ever been married
	▶	a04cohabits_c4	Spouse or partner lives in the household
	▶	maritalsts_c6	Marital status
	▶	a05chd[LANGUAGE]_d	Spoke [LANGUAGE] at home as a child– PLACEHOLDER
	▶	a05chddk_d	Don't know what language spoke at home as child
	▶	a05chdr2a_d	Refuse to answer what language spoke at home as child
	▶	a06edulevel_c	Educational attainment
	▶	a07primfather_d	Father completed primary school
	▶	a08secofather_d	Father completed secondary school
	▶	edufather_c3	Father's education level
	▶	a09primmother_d	Mother completed primary school
	▶	a10secomother_d	Mother completed secondary school
	▶	edumother_c3	Mother's education level
	▶	a11hhhead_d	Is head of household
	▶	a12hhfemale_d	Head of household is female (not the respondent)
	▶	hhheadfemale_d	Head of household is female
	▶	a13men_n	Number of men aged 18 and over, in household
	▶	a14menovr40_n	Number of men aged 40 and over, in household
	▶	ttladults_n	Total number of adults in household
	▶	a15wom_n	Number of women aged 18 and over, in household
	▶	a16womovr40_n	Number of women aged 40 and over, in household
	▶	ttlovr40_n	Total number of adults aged 40 or over in household
	▶	ttl1839_n	Number of household members aged 18-39
	▶	olderhhratio_n	Proportion of adults in the hh aged 40 or more
	▶	a17chn_n	Number of children aged 17 and under, in household
	▶	hysize_n	Household size
	▶	a18chnunder5_n	Number of children aged 4 and under, in household
	▶	a19boysseco_n	Number of boys of secondary-school age, in household
	▶	a20boysenrol_d	Boy is enrolled at secondary school, in household

▶ ▶ a20boyspenrolpak_d	Boy is enrolled at primary school, in household
▶ a21boysenrol_n	Number of boys enrolled at secondary school, in household
▶ boysnotenrolsec_n	Number of secondary-school-age boys in household not enrolled
▶ boysnotenrolsec_d	Household has at least one secondary-school-age boy not enrolled
▶ ▶ a21boyspenrolpak_n	Number of boys enrolled at primary school, in household
▶ a22girlsseco_n	Number of girls of secondary school age, in household
▶ a23girlsrenrol_d	Girl is enrolled at secondary school, in household
▶ ▶ a23girlspenrolpak_d	Girl is enrolled at primary school, in household
▶ a24girlsrenrol_n	Number of girls enrolled at secondary school, in household
▶ girlsnotenrolsec_n	Number of secondary school age girls in household not enrolled
▶ girlsnotenrolsec_d	Household has at least one secondary school age girl not enrolled
▶ ▶ a24girlsrenrolpak_n	Number of girls enrolled at primary school, in household
▶ a25hhparent_n	Number of respondent's children, in household
▶ a26youngestage_n	Age of respondent's youngest child in household
▶ a27nothhchn_d	Has children outside of household
▶ parent_d	Respondent is a parent
▶ parent_n	Total number of children respondent is parent to
▶ parenthh_d	Respondent is a parent to children in household
▶ a28nothhchn_n	Number of respondent's children outside of household
▶ a29nothhage_n	Age of respondent's youngest child outside household
▶ a30schoolimp_c4	Importance of school for children's future
▶ a31schoolqual_c5	Quality of schools in research area
▶ a32schoolprep_d	Thinks schools prepare children well for their future
▶ a33tvvetpart_d	Has participated in TVET (past 5 years)
▶ a34tvvetuseful_c3	Usefulness of TVET skills for earning income
▶ a35genderopps_d	Sees opportunities as equal for men and women
▶ a36genderincome_d	Agrees that only men should be responsible for providing income
▶ a37genderedu_d	Agrees that education is more important for boys than girls
▶ a38gendermother_d	Agrees that when a mother works for pay, the children suffer
▶ a39genderhh_d	Agrees that only women should take responsibility for the household
B. Livelihoods	
▶ b01jobra_c4	Possibility of finding a good job, in research area
▶ b02jobcur_c9	Current work situation
▶ working_d	Respondent is working
▶ b03jobsat_d	Is satisfied with current work situation
▶ b04jobseek_d	Is actively seeking new work
▶ unemployed_d	Respondent is unemployed (only if in labour force)
▶ b05gvtjobs_c3	Performance of authorities in creating jobs
▶ b06lhdcur_c3	Possibility of earning a living and feeding a family, in research area
▶ b07lhdchg_c3	Change in possibility of earning living, feeding family (5 years ago)
▶ b08lhdfut_c3	Expected change in possibility of earning living, feeding family (in 5 years)
▶ b09newbiz_d	Household member started a new business (past year)
▶ b10newbizinvest_c4	Investment in new business (time or money)
▶ newbizinvest_c5	Whether respondent or other hh member started business, and potential investment
▶ b11newbizsucc_c4	Performance of new business
▶ newbizsucc_c5	Performance of new business that respondent or other hh member started
▶ b12newbizfut_c3	Plans to open new business (next 12 months)
▶ b13knowintbiz_d	Knows of foreign investment in research area
▶ b14knowmigbiz_d	Knows of migrant investment in research area
▶ b15knowaid_d	Knows of foreign development interventions in research area
▶ b16impactaid_c3	Impact of foreign development interventions
▶ impactaid_c4	Impact of foreign development respondent is aware of
▶ b17lifesat_n	Life satisfaction (1=dissatisfied, 10=satisfied)
▶ b18rachg_c2	Overall assessment of change in the research area
▶ b19worryincome_d	Concerned about insufficient income (next 5 years)
▶ b20worryhlth_d	Concerned about disease and health (next 5 years)
▶ b21worryconflict_d	Concerned about conflict and violence (next 5 years)
▶ b22worryclimate_d	Concerned about climate change (next 5 years)
▶ b23worrytradition_d	Concerned about losing traditions (next 5 years)
C. Migration aspirations and attitudes to migration	
▶ c01explivera_d	Expects to live in research area in 5 years
▶ c02explivecntry_d	Expects to live in country in 5 years

▶ c03prefleavecntry_d	Prefers to leave country (next 5 years)
▶ c04prefdest_c	Preferred destination country
▶ c05prefleavera_d	If staying in the country, prefers to leave research area
▶ c06conleavecntry_d	Has seriously considered international migration (past year)
▶ c07conleavera_d	Has seriously considered internal migration (past year)
▶ c08wouldleave_d	Would migrate to richer country if given papers
▶ c09famapprove_d	Thinks family would approve migration
▶ c10prepnotleave_d	Has prepared but was unable to migrate (past 5 years)
▶ c11passevr_d	Has ever had a passport
▶ c12passcur_d	Currently has a valid passport (if ever had a passport)
▶ passcur_d	Currently has a valid passport
▶ c13visaapp_d	Has applied for richer country visa (past 5 years) if ever had a passport
▶ visaapp_d	Has applied for richer country visa (past 5 years)
▶ c14sbencourage_d	Has been encouraged to migrate to richer country
▶ c15sbhelp_c3	Has been offered help to migrate (for free or for money)
▶ c16encouragesb_d	Has encouraged someone else in research area to migrate
▶ c17migattharder_c3	Agrees that when people migrate, it makes life harder for those who stay behind
▶ c18migattcontrib_c3	Agrees that when people migrate, they still contribute to country
▶ c19migattsupport_c3	Agrees that when people migrate, they support family members in country
▶ c20migattregret_c3	Agrees that when people migrate, they often regret that they left
▶ c21migattrich_c3	Agrees that when people migrate, they get rich
▶ c22migposs_c4	Possibility of migration to a richer country

D. Health

▶ d01hlthproblem_d	Household member has had serious health problem (past year)
▶ d02hlthformal_d	Household member has received formal health care
▶ hlthformal_c3	Respondent or hh member has had serious health problem and received health care
▶ d04hlthqual_c5	Quality of formal health care in research area
▶ d05hlthchg_c3	Change in quality of formal health care (past 5 years)
▶ d06hlthinformal_d	Household member has received informal health care
▶ d07genhlth_c5	Assessment of general health
▶ d08chdgrowth_c5	Assessment of growth/health of child in household under 5
▶ d09covidknow_d	Has heard about COVID
▶ d10covidrdeath_d	Is aware of COVID related deaths in research area
▶ d11covidhh_d	Household member has been seriously ill from COVID
▶ d12covidrestrict_d	Household member has experienced COVID government restrictions
▶ d13covidimpact_c3	Assessment of impact of COVID measures on household

E. Social protection and social cohesion

▶ ▶ e00spsyr_d	Are you Syrian?
▶ ▶ e00spctzn_d	Do you have Turkish citizenship?
▶ ▶ e0[1-4]sp[SP]rec_d	Household has received [SP] (past year) – <i>PLACEHOLDER</i>
▶ sprec_d	Anyone in the household receives support from at least one of the SP programmes
▶ e0[5-8]sp[SP]val_c3	Perceived value of [SP] for household – <i>PLACEHOLDER</i>
▶ sphighval_c3	Highest level of perceived value of social protection received
▶ spnotval_d	Household has received social protection that they found 'not valuable'
▶ e09poorsupport_d	Thinks poor can get help from authorities if needed
▶ e10poorchg_c3	Change in help for the poor from authorities (5 years ago)
▶ e11trust_c2	Perceived possibility of trusting people in the research area
▶ trust_d	Most people in research area can be trusted
▶ e12civicpart_d	Has participated in voluntary/community group (past year)
▶ e13religion_c	Religion
▶ religion_c5	Religion (broad categories)
▶ e14religionimp_c4	Importance of religion in life
▶ e15religionshare_c5	Frequency of sharing faith with others

F. Migration-related networks

▶ f01ffabroad_d	Has migrant family/relatives/friends living abroad
▶ f02ff[ISO]_d	Has family/relative/friend(s) living in [Country, ISO code] – <i>PLACEHOLDER</i>
▶ f02ffdk_d	Don't know what country family/relative/friend(s) live in
▶ f02ffr2a_d	Refuse to answer what country family/relative/friend(s) live in
▶ f03hhmabroad_d	Has former household member who lives abroad (if returnee f/r/f living abroad)
▶ ffhhmabroad_d	Has former household member who lives abroad
▶ f04ffreturn_d	Has returnee migrant family/relatives/friends
▶ f05ffreturn[ISO]_d	Has returnee family/relative/friend(s) from [Country, ISO code] – <i>PLACEHOLDER</i>

▶ f05ffreturndk_d	Don't know where returnee family/relative/friend(s) lived
▶ f05ffreturnr2a_d	Refuse to answer where family/relative/friends have returned from
▶ f06hhmreturnee_d	Has returnee household members (if returnee fam/rel/friend)
▶ hhmreturnee_d	Has returnee household members
▶ f07contact_d	Has had contact with migrant family/relatives/friends (if migrant f/r/f)
▶ ffrcontact_d	Has had contact with migrant family/relatives/friends (past year)
▶ f08contactreg_d	Has monthly contact with migrant family/relatives/friends (if migrant f/r/f)
▶ ffrcontactreg_d	Has monthly contact with migrant family/relatives/friends
▶ f09remit_d	Household has received remittances during past year (if migrant fam/rel/friend)
▶ ffrremit_d	Household has received remittances (past year)
▶ f10remithhm_d	Household received remittances from former member in past year (if rec. remit.)
▶ hhmremit_d	Household has received remittances from former household member (past year)

G. Migration patterns

▶ g01internalmig_d	Knows of internal migrant from research area (past 5 years)
▶ g02internal10_d	Knows of over 10 internal migrants from research area (past 5 years)
▶ numintmig_c3	Number of internal migrants respondent knows
▶ g03intmig_d	Knows of international migrant from research area (past 5 years)
▶ g04intmig[ISO]_d	Knows of migrant from area living in [Country, ISO code] – PLACEHOLDER
▶ g04intmigdk_d	Don't know where migrant from area lives
▶ g04intmigr2a_d	Refuse to answer which countries migrants from the area live in
▶ g05intmig10_d	Knows of over 10 international migrants from research area (past 5 years)
▶ g06failinjured_d	Knows someone injured on way to another country (past 5 years)
▶ g07faildie_d	Knows someone who died on way to another country (past 5 years)
▶ g08faildetain_d	Knows someone detained on way to another country (past 5 years)
▶ g09failstuck_d	Knows someone stuck in different country than intended (past 5 years)
▶ g10faildeport_d	Knows someone deported from abroad (past 5 years)
▶ g11failpersonal_d	Experienced failed migration attempt
▶ failmig_c3	Failed migration attempt categorical
▶ g12cmpgntv_d	Knows of TV migration campaign
▶ g13cmpgnevent_d	Knows of event migration campaign
▶ g14cmpgnradio_d	Knows of radio migration campaign
▶ g15cmpgnweb_d	Knows of social media migration campaign
▶ g16cmpgnposter_d	Knows of poster/newspaper advert migration campaign
▶ migcmpgn_d	Respondent has been exposed to any migration campaign
▶ migcmpgnscore_n	Number of migration campaign channels exposed to
▶ ▶ g17cmpgnmsg_c8	Perceived message of migration campaign(s)
▶ ▶ g17cmpgnmsgtun_m	Perceived message(s) of migration campaign(s): multiple response
▶ ▶ g18cmpgnorg_c5	Perceived organiser of migration campaign
▶ ▶ g18cmpgnorgtun_m	Perceived organiser of migration campaign: multiple response

H. Personal migration history

▶ h01grewup_c3	Place of growing up
▶ h02grewupcntry_c	Country of growing up (if abroad)
▶ h03fromrafather_d	Father grew up in research area
▶ h04fromramother_d	Mother grew up in research area
▶ inmig_c4	Respondent and parents' migration to the RA
▶ h05yrarrivecntry_n	Years since arrival in country
▶ h06yrarrivera_n	Years since arrival in research area
▶ h07liveewevr_d	Has lived elsewhere for at least one year
▶ h08beenabroadevr_d	Is native-born and has been abroad
▶ h09liveabroad_d	Is native-born and has lived abroad for at least one year
▶ expabroad_c3	Exposure to being abroad
▶ migexp_c3	Respondent has past international migration experience
▶ h10liveabroad_d	Is foreign-born and has lived in a third country for at least one year
▶ h11lived[ISO]_d	Lived in [Country, ISO code] for at least one year – PLACEHOLDER
▶ h11liveddk_d	Don't know in which countries they lived for at least one year

I. Poverty and wealth

▶ i01income1_c8	Income source most important to household
▶ i02income2_c9	Income source second-most important to household
▶ incomerem_d	Remittances from abroad are the first or second most important source of income
▶ i03relatives_n	Perceived household relative living standards (1=poorest, 10=richest)
▶ i04finsitu_c3	Household's current financial situation
▶ i05finsituchg_c3	Change in household financial situation (5 years ago)

▶	i06lvgstparent_c3	Parents' standard of living compared to the respondent's current
▶	i07lvgstchn_c3	Children's future standard of living compared to the respondent's current
▶	i08hunger_c4	Frequency of household hunger (past month)
▶	i09moneyaccess_d	Household is able to obtain emergency money in a week
▶ ▶	i10moneyobtain_c9	Means of obtaining emergency money
▶ ▶	i10moneyobtainun_m	Means of obtaining emergency money: multiple response
▶	i11ownland_d	Household member owns land
▶	i12ownhome_c3	Ownership status of home
▶	i13rooms_n	Number of rooms in house
▶	i14floor_c7	Floor material in most of the house
▶	i15tv_d	Household owns working television
▶	i16fridge_d	Household owns working refrigerator
▶	i17car_d	Household owns working car
▶	i18bike_d	Household owns working bicycle
▶	i19chair_d	Household owns working chair
▶	i20radio_d	Household owns working radio
▶	i21wash_d	Household owns working washing machine
▶	i22moped_d	Household owns working moped/motorcycle
▶	i23aircon_d	Household owns working air conditioning
▶	i24comp_d	Household owns working computer
▶	i25phone_d	Owens mobile phone
▶	i26phonesmart_d	Owens smartphone (if owns a phone)
▶	phonesmart_d	Owens a smartphone
▶	i27internetevr_d	Has used internet
▶	i28internetyr_d	Has used internet during the past year (if ever used internet)
▶	internetyr_d	Has used internet during the past year
▶	i29internetfrq_c4	Frequency of internet use during the past month (if ever used internet)
▶	internetfrq_c6	Frequency of internet use (past month)
▶	i30giftspend_c7	Spending of imaginary gift money
▶ ▶	i30giftspendun_m	Spending of imaginary gift: multiple response

J. Institutions and governance

▶	j01protestknow_d	Knows of protest(s) in research area (past year)
▶	j02protestpart_d	Participated in protest(s) (past year)
▶	protestpart_d	Participated in protest (past year)
▶	j03protestfut_d	Would attend demonstration if cared about issue
▶	j04voteelig_d	Was eligible to vote in most recent election
▶	j04bvoteelig_d	Was eligible to vote in most recent election
▶	j05voted_d	Voted in most recent election (if eligible)
▶	voted_c3	Voted in most recent election
▶	j06voterally_d	Participated in party meetings/rallies before most recent election
▶	j07votebribes_d	Voters are offered money to vote for candidates in research area
▶	j08trustpolice_c4	Level of trust in police
▶	j09trustcourt_c4	Level of trust in courts of law
▶	j10trustarmy_c4	Level of trust in army
▶	j11localgvtqual	Perception of local government (1=terrible, 10=excellent)
▶	j12centralgvtqual	Perception of central government (1=terrible, 10=excellent)
▶	j13corruptra_c3	Assessment of corruption problem in research area
▶	j14corruptbribe_d	Has been expected to pay a bribe (past year)
▶	j15corruptchg_c3	Change in corruption in research area (5 years ago)
▶	j16gvtcorrupt_c3	Performance of authorities in fighting corruption

K. Security

▶	k01safecur_d	Thinks it is safe to walk streets at night in research area
▶	k02safechg_c3	Change in safety of research area (5 years ago)
▶	k03crimetheft_d	Household member has experienced theft (past 5 years)
▶	k04crimeviol_d	Household member has experienced physical violence (past 5 years)
▶	k05fearprotest_d	Has feared violence at political rally/protest (past 5 years)
▶	k06fearmilitia_d	Has feared violence by armed forces/militias (past 5 years)
▶	k07fearothr_d	Has feared other violence in research area (past 5 years)
▶	fearvio_d	Has feared any type of violence (past 5 years)
▶	k08violpersonal_d	Has experienced violence (past 5 years)
▶	violpersonal_d	Has feared and experienced violence in RA (past 5 years)
▶	k09helppolice_d	Would turn to the police if threatened or in danger

▶ k09helparmed_d	Would turn to the armed group if threatened or in danger
▶ k09helpcourt_d	Would turn to the courts if threatened or in danger
▶ k09helpgvt_d	Would turn to the national authorities if threatened or in danger
▶ k09helpcomm_d	Would turn to the community leaders if threatened or in danger
▶ k09helpreli_d	Would turn to the religious leaders if threatened or in danger
▶ k09helpfamily_d	Would turn to family if threatened or in danger
▶ k09helpfriend_d	Would turn to friends if threatened or in danger
▶ k09helpneighbr_d	Would turn to neighbours if threatened or in danger
▶ k09helpno_d	Would have nobody to turn to if threatened or in danger
▶ k09helpothr_d	Would turn to someone else if threatened or in danger
▶ k09helpdk_d	Don't know source of help if threatened or in danger
▶ k09help2a_d	Refuse to answer source of help if threatened or in danger
▶ k10gvtcrime_c3	Performance of authorities in reducing crime

L. Environmental issues

▶ l00waterpoll_d	Household affected by water pollution (past 5 years)
▶ l01drought_d	Household affected by droughts (past 5 years)
▶ l02flood_d	Household affected by floods (past 5 years)
▶ l03soil_d	Household affected by soil degradation (past 5 years)
▶ l04pest_d	Household affected by pest/crop/livestock disease (past 5 years)
▶ environproblem_d	Household affected by an environmental problem (past 5 years)
▶ l05envincome_c3	Impact of environmental issues on household income
▶ l06envfut_c3	Expected impact of environmental issues on household income (in 5 years)

M. Infrastructure

▶ m01mktnear_d	Marketplace is within walking distance
▶ m02mktmin_n	Number of minutes walk to nearest marketplace
▶ m03elechome_d	Home has electricity
▶ m04elecsrc_c4	Source of electricity
▶ elecsrc_c6	Source of electricity
▶ m05enrgsrc_c6	Source of energy for cooking
▶ m06toilet_c5	Type of toilet
▶ m07toiletshare_d	Toilet is shared with other households
▶ toiletshare_d	Toilet facility shared
▶ m08watersrc_c5	Source of water
▶ m09watershare_d	Water source is shared with other households
▶ watershare_d	Water source shared
▶ m10watermin_n	Number of minutes round trip to fetch water
▶ m11watershortage_c4	Frequency of drinking water shortages
▶ m12waterchg_c3	Change in reliability of water source (5 years ago)
▶ wealthindex_n	Household wealth index (scale 0-100)
▶ wealthindex_c5	Household wealth index (quintiles)

N. Risk

▶ n01risk1_d	Would play risk game 1 rather than take fixed amount
▶ n02risk2_d	Would play risk game 2 rather than take fixed amount
▶ n03risk3_d	Would play risk game 3 rather than take fixed amount

O. Questions for enumerators

▶ o20female_d	Is female
▶ o21intrvw[LANGUGE]_d	Interview language- <i>PLACEHOLDER</i>
▶ o22respored_d	Was bored or impatient
▶ o23respinflu_d	Someone influenced the respondent's answers during the interview
▶ o24respthreat_d	Someone made enumerator uncomfortable during the interview
▶ o25respothrer_d	There was other problem with interview
▶ z_dktl_n	Number of don't know responses
▶ z_dk10pc_d	Don't know responses greater than 10%
▶ z_r2atl_n	Number of refuse to answer responses
▶ z_r2a10pc_d	Refuse to answer responses greater than 10%
▶ z_datetime_t	Date and time of interview

Value labels (variables in dataset order)

y_country *Country*

- 1 Cabo Verde
- 2 Guinea
- 3 Ghana
- 4 Nigeria
- 5 Ethiopia
- 6 Somalia
- 7 Tunisia
- 8 Turkey
- 9 Afghanistan
- 10 Pakistan

o02ra_c *Research area (Name)*

- 1 São Nicolau
- 2 Boa Vista
- 3 Boffa
- 4 Dialakoro
- 5 Gbane
- 6 Golf City
- 7 New Takoradi
- 8 Down Quarters
- 9 Awe
- 10 Ekpoma
- 11 Kombolcha*
- 12 Batu
- 13 Moyale
- 14 Erigavo
- 15 Baidoa
- 16 Enfidha
- 17 Redeyef
- 18 Hopa
- 19 Yenice
- 20 Kilis
- 21 Shahrake Jabrael
- 22 Behsud
- 23 Shahrake Mahdia
- 24 Chot Dheeran
- 25 Youhanabad
- 26 Keti Bandar

ra *Research area (ID)*

- 1 CPV1
- 2 CVP2
- 3 GIN1
- 4 GIN2
- 5 GHA1
- 6 GHA2
- 7 GHA3
- 8 NGA1
- 9 NGA2
- 10 NGA3
- 11 ETH1*
- 12 ETH2
- 13 ETH3
- 14 SOM1
- 15 SOM2
- 16 TUN1
- 17 TUN2
- 18 TUR1
- 19 TUR2
- 20 TUR3
- 21 AFG1
- 22 AFG2
- 23 AFG3
- 24 PAK1

- 25 PAK2
- 26 PAK3

age_c3 *Age categories*

- 1 18-24 years
- 2 25-31 years
- 3 32-39 years

a04cohabits_c4 *Spouse or partner lives in the household*

- 1 Yes
- 2 No, elsewhere in research area
- 3 No, elsewhere in the country
- 4 No, abroad

maritalsts_c6 *Marital status*

- 1 Single, never married
- 2 Single, divorced or widow/widower
- 3 Married/cohabiting, partner lives in household
- 4 Married/cohabiting, partner lives elsewhere in research area
- 5 Married/cohabiting, partner lives elsewhere in the country
- 6 Married/cohabiting, partner lives abroad

a06edulevel_c *Educational attainment*

- 0 Quranic Recitation
- 1 None/no formal education
- 2 Religious schooling only
- 3 Primary school (started without completing)
- 4 Primary school (completed)
- 5 Lower/junior secondary
- 6 Upper/senior secondary
- 7 Tertiary (Bachelors)
- 8 Tertiary (Masters)
- 9 Tertiary (PhD)
- 10 (Other) Vocational school
- 11 (Other) Polytechnic
- 12 (Other) 14th class degree

edufather_c3 *Father's education level*

- 0 Did not complete primary school
- 1 Completed primary school only
- 2 Completed secondary school

edumother_c3 *Mother's education level*

- 0 Did not complete primary school
- 1 Completed primary school only
- 2 Completed secondary school

a30schoolimp_c4 *Importance of school for children's future*

- 1 Very important
- 2 Quite important
- 3 Not particularly important
- 4 Not at all important

a31schoolqual_c5 *Quality of schools in research area*

- 1 Very bad
- 2 Bad
- 3 Fair
- 4 Good
- 5 Very good

a34tvsetuseful_c3 *Usefulness of TVET skills for earning income*

- 1 Very useful
- 2 A bit useful
- 3 Not at all useful?

b01jobbra_c4 *Possibility of finding a good job, in research area*

- 1 Very easy
- 2 Easy
- 3 Difficult
- 4 Very difficult

b02jobcur_c9 *Current work situation*

- 1 Employed and receive a salary
- 2 Farming fishing rearing animals
- 3 Working on your own account running a business
- 4 Studying
- 5 Unemployed
- 6 Not working because of long-term sickness disability
- 7 Unpaid housework looking after children other persons
- 8 Casual work
- 9 (Other) Volunteer
- 10 (Other) Apprenticeship

b05gvtjobs_c3 *Performance of authorities in creating jobs*

- 1 Doing well
- 2 Doing OK
- 3 Doing badly

b06lhdcur_c3 *Possibility of earning a living and feeding a family, in research area*

- 1 Easy
- 2 Manageable
- 3 Difficult

b07lhdchg_c3 *Change in possibility of earning living, feeding family (5 years ago)*

- 1 Easier
- 2 Same
- 3 More difficult

b08lhdfut_c3 *Expected change in possibility of earning living, feeding family (in 5 years)*

- 1 Easier
- 2 Same
- 3 More difficult

b10newbizinvest_c4 *Investment in new business (time or money)*

- 0 No
- 1 Yes money
- 2 Yes time
- 3 Yes both time and money

newbizinvest_c5 *Whether respondent or other hh member started business, and potential investment*

- 0 Did not start a new business
- 1 Started a new business, no investment
- 2 Started a new business, invested money
- 3 Started a new business, invested time
- 4 Started a new business, invested time and money

b11newbizsucc_c4 *Performance of new business*

- 1 Failing
- 2 Struggling
- 3 Doing well
- 4 Doing very well

newbizsucc_c5 *Performance of new business that respondent or other hh member started*

- 0 Did not start a new business
- 1 Started business and it's failing
- 2 Started business and it's struggling
- 3 Started business and it's doing well
- 4 Started business and it's doing very well

b12newbizfut_c3 *Plans to open new business (next 12 months)*

- 0 No
- 1 Yes
- 2 Possibly

b16impactaid_c3 *Impact of foreign development interventions*

- 1 Big difference
- 2 Bit of a difference
- 3 No difference

impactaid_c4 *Impact of foreign development respondent is aware of*

- 0 Does not know of any interventions
- 1 They make a big difference
- 2 They make a bit of a difference
- 3 They make no difference

b18rachg_c2 *Overall assessment of change in the research area*

- 0 Mostly changing in good ways
- 1 Mostly changing in bad ways

c15sbhelp_c3 *Has been offered help to migrate (for free or for money)*

- 0 No
- 1 Yes for free
- 2 Yes for money

c17migattharder_c3 *Agrees that when people migrate, it makes life harder for those who stay behind***c18migattcontrib_c3** *Agrees that when people migrate, they still contribute to country***c19migattsupport_c3** *Agrees that when people migrate, they support family members in country***c20migattregret_c3** *Agrees that when people migrate, they often regret that they left***c21migattrich_c3** *Agrees that when people migrate, they get rich*

- 1 Agree
- 2 Neither agree nor disagree
- 3 Disagree

c22migposs_c4 *Possibility of migration to a richer country*

- 1 Very easy
- 2 Easy
- 3 Difficult
- 4 Very difficult

hlthformal_c3 *Respondent or hh member has had serious health problem and received health care*

- 0 Has not had serious health problem
- 1 Had health problem and did not receive health care
- 2 Had health problem and received health care

d04hlthqual_c5 *Quality of formal health care in research area*

- 1 Very bad
- 2 Bad
- 3 Fair
- 4 Good

5 Very good

d05h1thchg_c3 *Change in quality of formal health care (past 5 years)*

- 1 Worse
- 2 Stayed the same
- 3 Become better

d07genhlth_c5 *Assessment of general health*

- 1 Very good
- 2 Good
- 3 Moderate
- 4 Bad
- 5 Very bad

d08chdgrowth_c5 *Assessment of growth/health of child in household under 5*

- 1 Very good
- 2 Good
- 3 Moderate
- 4 Bad
- 5 Very bad

d13covidimpact_c3 *Assessment of impact of COVID measures on household*

- 1 Cause severe hardship
- 2 Cause some difficulties
- 3 Not make much difference

e0[5-8]sp[SP]val_c3 *Perceived value of [SP] for household*

sphighval_c3 *Highest level of perceived value of social protection received*

- 1 Very valuable
- 2 A bit valuable
- 3 Not valuable

e10poorchg_c3 *Change in help for the poor from authorities (5 years ago)*

- 1 Worse
- 2 Same
- 3 Better

e11trust_c2 *Perceived possibility of trusting people in the research area*

- 0 Most people in research area can be trusted
- 1 You can't rely on anybody

religion_c5 *Religion (broad categories)*

- 1 Atheism (no religious beliefs)
- 2 Christianity
- 3 Islam
- 4 Hinduism
- 5 Other

e14religionimp_c4 *Importance of religion in life*

- 1 Very important
- 2 Somewhat important
- 3 Not too important
- 4 Not at all important

e15religionshare_c5 *Frequency of sharing faith with others*

- 0 Every day
- 1 At least once a week
- 2 Once twice a month
- 3 Several times a year
- 4 Seldom
- 5 Never
- 6 More than once a day
- 7 At least once a day

numintmig_c3 *Number of internal migrants respondent knows*

- 1 Does not know anyone
- 2 Knows up to ten people
- 3 Knows more than 10 people

failmig_c3 *Failed migration attempt categorical*

- 1 No knowledge of failed migration attempt
- 2 knows others who had failed migration attempt
- 3 Had own experience of failed migration attempt

g17cmpgnmsg_c8 *Perceived message of migration campaign*

- 1 Explaining what migration is
- 2 Telling people to migrate
- 3 Telling people how to migrate
- 4 Telling people not to migrate
- 5 Welcoming immigrants from other countries
- 6 Warning people about immigrants
- 7 Warning people about dangers of smuggling
- 8 (Other) Advertising job opportunities abroad
- 9 (Other) Describing life abroad
- 10 (Other) Explaining what migration is and telling people to migrate
- 11 (Other) Explaining what migration is and telling people how to migrate
- 12 (Other) Explaining what migration is and telling people not to migrate
- 13 (Other) Explaining what migration is and warning people about smuggling
- 14 (Other) Warning people about dangers of smuggling and immigrants
- 15 (Other) Warning people about dangers of smuggling and telling people not to migrate
- 16 (Other) Warning people about dangers of smuggling and welcoming immigrants
- 17 (Other) Telling people not to migrate and warning about immigrants
- 18 (Other) Telling people to migrate and not to migrate
- 19 (Other) Telling people how to migrate and not to migrate
- 20 (Other) Don't remember
- 21 (Other) Remittances and diaspora contributions
- 22 (Other) COVID 19 and migration
- 23 (Other) Information for immigrants
- 24 (Other) Return and deportation
- 25 (Other) Negative consequences of migration
- 26 (Other) Difficulties faced by immigrants

g18cmpgnorg_c5 *Perceived organiser of migration campaign*

- 1 National government
- 2 Local authorities
- 3 NGO
- 4 International organisation
- 5 Don't remember
- 6 (Other) Journalist/TV/media
- 7 (Other) Migrants/individual
- 8 (Other) Private firm/travel company
- 9 (Other) University/ Schools/ Students

h01grewup_c3 *Place of growing up*

- 1 Here in research area
- 2 Elsewhere in the country
- 3 In another country

inmig_c4 *Respondent and parents' migration to the RA*

- 1 Moved to RA in the last 5 years
- 2 Moved to RA more than 5 years ago
- 3 Born in RA as first generation

4 Born in RA and at least one parent also born there

expabroad_c3 *Exposure to being abroad*

- 1 Has never been abroad
- 2 Has been abroad
- 3 Has lived abroad

migexp_c3 *Respondent has past international migration experience*

- 1 Never lived abroad
- 2 Lived abroad for at least 1 year
- 3 Grew up abroad

i01income1_c8 *Income source most important to household*

i02income2_c9 *Income source second-most important to household*

- 1 Income from wages
- 2 Income from agriculture fishing herding
- 3 Income from business
- 4 Income from renting out property
- 5 Money received from people living abroad
- 6 Money received from people living elsewhere in the country
- 7 Support or aid from the authorities or other organisations
- 9 (Other) Money from family/friends
- 10 (Other) Living on savings
- 11 (Other) COVID scheme with employer and government

i04finsitu_c3 *Household's current financial situation*

- 1 Finding it difficult to get by
- 2 Coping
- 3 Living comfortably

i05finsituchg_c3 *Change in household financial situation (5 years ago)*

- 1 Better
- 2 Same
- 3 Worse

i06lvgstanparent_c3 *Parents' standard of living compared to the respondent's current*

- 1 Worse than yours is now
- 2 About the same as yours is now
- 3 Better than yours is now

i07lvgstanchn_c3 *Children's future standard of living compared to the respondent's current*

- 1 Worse than yours is now
- 2 About the same as yours is now
- 3 Better than yours is now

i08hunger_c4 *Frequency of household hunger (past month)*

- 1 Never
- 2 Sometimes
- 3 Often
- 4 Always

i10moneyobtain_c9 *Means of obtaining emergency money*

- 1 Sale of household assets
- 2 Household savings
- 3 Loan from a bank
- 4 Loan from a credit, microfinance, savings organisation
- 5 Loan from landlord or employer
- 6 From family or friends outside of country
- 7 From family or friends inside country

8 Non-profit or religious organizations

9 (Other) From working or own business

10 (Other) Family/friends inside and outside country

11 (Other) Family/friends inside country and savings

12 (Other) Family/friends inside country and sale of assets

13 (Other) Family/friends inside country and loan from organisation

14 (Other) Family/friends inside country and loan from employer/landlord

i12ownhome_c3 *Ownership status of home*

- 1 Owned by someone in the household
- 2 Rented
- 3 (Other) Owned by the state
- 4 (Other) Tied to employment
- 5 (Other) Squatting
- 6 (Other) Owned by family or friends outside household
- 7 (Other) Care taking arrangement
- 8 (Other) Living rent free
- 9 (Other) Owned by family or friends living abroad

i14floor_c7 *Floor material in most of the house*

- 1 Concrete cement
- 2 Tiles brick granite stone
- 3 Wood
- 4 Vinyl
- 5 Dirt sand dung
- 6 Cane
- 7 Metal Sheet

i29internetfrq_c4 *Frequency of internet use during the past month (if ever used internet)*

- 1 Almost every day
- 2 At least once a week
- 3 Less often
- 4 Not at all

internetfrq_c6 *Frequency of internet use (past month)*

- 0 Has never used the internet
- 1 Have not used the internet in past year
- 2 Almost every day
- 3 At least once a week
- 4 Less often
- 5 Not at all

i30giftspend_c7 *Spending of imaginary gift money*

- 1 Basic needs (including food, education, health)
- 2 Vehicle (car, bike, tractor)
- 3 Renovate/extend house/build house
- 4 Start a business or invest in current business
- 5 Pay off debts/savings/investment
- 6 Finance migration
- 7 (Other) Household asset
- 8 (Other) Personal item
- 9 (Other) Holiday/travel
- 10 (Other) Celebration
- 11 (Other) Donation or gifts
- 12 (Other) Training
- 13 (Other) Basic needs and vehicle
- 14 (Other) Basic needs and renovate house
- 15 (Other) Basic needs and invest in business
- 16 (Other) Basic needs and pay debts/savings
- 17 (Other) Shopping/ spend for fun

voted_c3 *Voted in most recent election*

- 1 Not eligible
- 2 Did not vote
- 3 Did vote

j08trustpolice_c4 *Level of trust in police*

j09trustcourt_c4 *Level of trust in courts of law*

j10trustarmy_c4 *Level of trust in army*

- 1 Completely
- 2 Mostly
- 3 A little
- 4 Not at all

j13corruptra_c3 *Assessment of corruption problem in research area*

- 1 Not at all a problem
- 2 Small problem
- 3 Serious problem

j15corruptchg_c3 *Change in corruption in research area (5 years ago)*

- 1 Less of a problem
- 2 Same
- 3 Bigger problem

j16gvttcorrupt_c3 *Performance of authorities in fighting corruption*

- 1 Doing well
- 2 Doing OK
- 3 Doing badly

k02safechg_c3 *Change in safety of research area (5 years ago)*

- 1 More dangerous
- 2 Same
- 3 Safer

k10gvttcrime_c3 *Performance of authorities in reducing crime*

- 1 Doing well
- 2 Doing OK
- 3 Doing badly

i05envincome_c3 *Impact of environmental issues on household income*

- 1 Not at all
- 2 Somewhat
- 3 Very much

i06envfut_c3 *Expected impact of environmental issues on household income (in 5 years)*

- 1 Not at all
- 2 Somewhat

- 3 Very much

m04elecsrc_c4 *Source of electricity*

- 1 The public electric grid
- 2 A generator
- 3 Solar power
- 4 (Other) Another person's house

elecsrc_c6 *Source of electricity*

- 0 Does not have electricity at home
- 1 The public electric grid
- 2 A generator
- 3 Solar power
- 4 (Other) Another person's house
- 5 Another source

m05enrgsrc_c6 *Source of energy for cooking*

- 1 Electricity
- 2 Gas
- 3 Oil (including kerosene)
- 4 Charcoal
- 5 Firewood
- 6 (Other) None/does not cook

m08watersrc_c5 *Source of water*

- 1 Tap
- 2 Well
- 3 River sources
- 4 Bottled water/sachet water
- 5 (Other) Borehole
- 6 (Other) Tank/filtered water/rain water
- 7 (Other) Purchased from water tanker
- 8 (Other) Fountain

m11watershortage_c4 *Frequency of drinking water shortages*

- 1 Never
- 2 Sometimes
- 3 Often
- 4 Always

m12waterchg_c3 *Change in reliability of water source (5 years ago)*

- 1 Worse
- 2 Same
- 3 Better

Value labels (variables in alphabetical order)

a04cohabits_c4 *Spouse or partner lives in the household*

- 1 Yes
- 2 No, elsewhere in research area
- 3 No, elsewhere in the country
- 4 No, abroad

a06edulevel_c *Educational attainment*

- 0 Quranic Recitation
- 1 None/no formal education
- 2 Religious schooling only
- 3 Primary school (started without completing)
- 4 Primary school (completed)
- 5 Lower/junior secondary
- 6 Upper/senior secondary
- 7 Tertiary (Bachelors)
- 8 Tertiary (Masters)
- 9 Tertiary (PhD)
- 10 (Other) Vocational school
- 11 (Other) Polytechnic
- 12 (Other) 14th class degree

a30schoolimp_c4 *Importance of school for children's future*

- 1 Very important
- 2 Quite important
- 3 Not particularly important
- 4 Not at all important

a31schoolqual_c5 *Quality of schools in research area*

- 1 Very bad
- 2 Bad
- 3 Fair
- 4 Good
- 5 Very good

a34tvsetuseful_c3 *Usefulness of TVET skills for earning income*

- 1 Very useful
- 2 A bit useful
- 3 Not at all useful?

age_c3 *Age categories*

- 1 18-24 years
- 2 25-31 years
- 3 32-39 years

b01jobra_c4 *Possibility of finding a good job, in research area*

- 1 Very easy
- 2 Easy
- 3 Difficult
- 4 Very difficult

b02jobcur_c9 *Current work situation*

- 1 Employed and receive a salary
- 2 Farming fishing rearing animals
- 3 Working on your own account running a business
- 4 Studying
- 5 Unemployed
- 6 Not working because of long-term sickness disability
- 7 Unpaid housework looking after children other persons
- 8 Casual work
- 9 (Other) Volunteer
- 10 (Other) Apprenticeship

b05gvtjobs_c3 *Performance of authorities in creating jobs*

- 1 Doing well
- 2 Doing OK
- 3 Doing badly

b06lhdcur_c3 *Possibility of earning a living and feeding a family, in research area*

- 1 Easy
- 2 Manageable
- 3 Difficult

b07lhdchg_c3 *Change in possibility of earning living, feeding family (5 years ago)*

- 1 Easier
- 2 Same
- 3 More difficult

b08lhdfut_c3 *Expected change in possibility of earning living, feeding family (in 5 years)*

- 1 Easier
- 2 Same
- 3 More difficult

b10newbizinvest_c4 *Investment in new business (time or money)*

- 0 No
- 1 Yes money
- 2 Yes time
- 3 Yes both time and money

b11newbizsucc_c4 *Performance of new business*

- 1 Failing
- 2 Struggling
- 3 Doing well
- 4 Doing very well

b12newbizfut_c3 *Plans to open new business (next 12 months)*

- 0 No
- 1 Yes
- 2 Possibly

b16impactaid_c3 *Impact of foreign development interventions*

- 1 Big difference
- 2 Bit of a difference
- 3 No difference

b18rachg_c2 *Overall assessment of change in the research area*

- 0 Mostly changing in good ways
- 1 Mostly changing in bad ways

c15sbhelp_c3 *Has been offered help to migrate (for free or for money)*

- 0 No
- 1 Yes for free
- 2 Yes for money

c17migattharder_c3 *Agrees that when people migrate, it makes life harder for those who stay behind*

c18migattcontrib_c3 *Agrees that when people migrate, they still contribute to country*

c19migattsupport_c3 *Agrees that when people migrate, they support family members in country*

c20migattregret_c3 *Agrees that when people migrate, they often regret that they left*

c21migattrich_c3 *Agrees that when people migrate, they get rich*

- 1 Agree
- 2 Neither agree nor disagree
- 3 Disagree

c22migoposs_c4 *Possibility of migration to a richer country*

- 1 Very easy
- 2 Easy
- 3 Difficult
- 4 Very difficult

d04hlthqual_c5 *Quality of formal health care in research area*

- 1 Very bad
- 2 Bad
- 3 Fair
- 4 Good
- 5 Very good

d05hlthchg_c3 *Change in quality of formal health care (past 5 years)*

- 1 Worse
- 2 Stayed the same
- 3 Become better

d07genhlth_c5 *Assessment of general health*

- 1 Very good
- 2 Good
- 3 Moderate
- 4 Bad
- 5 Very bad

d08chdgrowth_c5 *Assessment of growth/health of child in household under 5*

- 1 Very good
- 2 Good
- 3 Moderate
- 4 Bad
- 5 Very bad

d13covidimpact_c3 *Assessment of impact of COVID measures on household*

- 1 Cause severe hardship
- 2 Cause some difficulties
- 3 Not make much difference

e0[5-8]sp[SP]val_c3 *Perceived value of [SP] for household*

sphighval_c3 *Highest level of perceived value of social protection received*

- 1 Very valuable
- 2 A bit valuable
- 3 Not valuable

e10poorchg_c3 *Change in help for the poor from authorities (5 years ago)*

- 1 Worse
- 2 Same
- 3 Better

e11trust_c2 *Perceived possibility of trusting people in the research area*

- 0 Most people in research area can be trusted
- 1 You can't rely on anybody

e14religionimp_c4 *Importance of religion in life*

- 1 Very important
- 2 Somewhat important
- 3 Not too important
- 4 Not at all important

e15religionshare_c5 *Frequency of sharing faith with others*

- 0 Every day
- 1 At least once a week
- 2 Once twice a month
- 3 Several times a year
- 4 Seldom
- 5 Never
- 6 More than once a day
- 7 At least once a day

edufather_c3 *Father's education level*

- 0 Did not complete primary school
- 1 Completed primary school only
- 2 Completed secondary school

edumother_c3 *Mother's education level*

- 0 Did not complete primary school
- 1 Completed primary school only
- 2 Completed secondary school

elecsrc_c6 *Source of electricity*

- 0 Does not have electricity at home
- 1 The public electric grid
- 2 A generator
- 3 Solar power
- 4 (Other) Another person's house
- 5 Another source

expabroad_c3 *Exposure to being abroad*

- 1 Has never been abroad
- 2 Has been abroad
- 3 Has lived abroad

failmig_c3 *Failed migration attempt categorical*

- 1 No knowledge of failed migration attempt
- 2 knows others who had failed migration attempt
- 3 Had own experience of failed migration attempt

g17cmpgnmsg_c8 *Perceived message of migration campaign*

- 1 Explaining what migration is
- 2 Telling people to migrate
- 3 Telling people how to migrate
- 4 Telling people not to migrate
- 5 Welcoming immigrants from other countries
- 6 Warning people about immigrants
- 7 Warning people about dangers of smuggling
- 8 (Other) Advertising job opportunities abroad
- 9 (Other) Describing life abroad
- 10 (Other) Explaining what migration is and telling people to migrate
- 11 (Other) Explaining what migration is and telling people how to migrate
- 12 (Other) Explaining what migration is and telling people not to migrate
- 13 (Other) Explaining what migration is and warning people about smuggling
- 14 (Other) Warning people about dangers of smuggling and immigrants

- 15 (Other) Warning people about dangers of smuggling and telling people not to migrate
- 16 (Other) Warning people about dangers of smuggling and welcoming immigrants
- 17 (Other) Telling people not to migrate and warning about immigrants
- 18 (Other) Telling people to migrate and not to migrate
- 19 (Other) Telling people how to migrate and not to migrate
- 20 (Other) Don't remember
- 21 (Other) Remittances and diaspora contributions
- 22 (Other) COVID 19 and migration
- 23 (Other) Information for immigrants
- 24 (Other) Return and deportation
- 25 (Other) Negative consequences of migration
- 26 (Other) Difficulties faced by immigrants

i18cmpgnorg_c5 *Perceived organiser of migration campaign*

- 1 National government
- 2 Local authorities
- 3 NGO
- 4 International organisation
- 5 Don't remember
- 6 (Other) Journalist/TV/media
- 7 (Other) Migrants/individual
- 8 (Other) Private firm/travel company
- 9 (Other) University/ Schools/ Students

h01grewup_c3 *Place of growing up*

- 1 Here in research area
- 2 Elsewhere in the country
- 3 In another country

hlthformal_c3 *Respondent or hh member has had serious health problem and received health care*

- 0 Has not had serious health problem
- 1 Had health problem and did not receive health care
- 2 Had health problem and received health care

i01income1_c8 *Income source most important to household*

- 1 Income from wages
- 2 Income from agriculture fishing herding
- 3 Income from business
- 4 Income from renting out property
- 5 Money received from people living abroad
- 6 Money received from people living elsewhere in the country
- 7 Support or aid from the authorities or other organisations
- 9 (Other) Money from family/friends
- 10 (Other) Living on savings
- 11 (Other) COVID scheme with employer and government

i04finsitu_c3 *Household's current financial situation*

- 1 Finding it difficult to get by
- 2 Coping
- 3 Living comfortably

i05finsituchg_c3 *Change in household financial situation (5 years ago)*

- 1 Better
- 2 Same
- 3 Worse

i06lvgstanparent_c3 *Parents' standard of living compared to the respondent's current*

- 1 Worse than yours is now
- 2 About the same as yours is now

- 3 Better than yours is now

i07lvgstanchn_c3 *Children's future standard of living compared to the respondent's current*

- 1 Worse than yours is now
- 2 About the same as yours is now
- 3 Better than yours is now

i08hunger_c4 *Frequency of household hunger (past month)*

- 1 Never
- 2 Sometimes
- 3 Often
- 4 Always

i10moneyobtain_c9 *Means of obtaining emergency money*

- 1 Sale of household assets
- 2 Household savings
- 3 Loan from a bank
- 4 Loan from a credit, microfinance, savings organisation
- 5 Loan from landlord or employer
- 6 From family or friends outside of country
- 7 From family or friends inside country
- 8 Non-profit or religious organizations
- 9 (Other) From working or own business
- 10 (Other) Family/friends inside and outside country
- 11 (Other) Family/friends inside country and savings
- 12 (Other) Family/friends inside country and sale of assets
- 13 (Other) Family/friends inside country and loan from organisation
- 14 (Other) Family/friends inside country and loan from employer/landlord

i12ownhome_c3 *Ownership status of home*

- 1 Owned by someone in the household
- 2 Rented
- 3 (Other) Owned by the state
- 4 (Other) Tied to employment
- 5 (Other) Squatting
- 6 (Other) Owned by family or friends outside household
- 7 (Other) Care taking arrangement
- 8 (Other) Living rent free
- 9 (Other) Owned by family or friends living abroad

i14floor_c7 *Floor material in most of the house*

- 1 Concrete cement
- 2 Tiles brick granite stone
- 3 Wood
- 4 Vinyl
- 5 Dirt sand dung
- 6 Cane
- 7 Metal Sheet

i29internetfrq_c4 *Frequency of internet use during the past month (if ever used internet)*

- 1 Almost every day
- 2 At least once a week
- 3 Less often
- 4 Not at all

i30giftspend_c7 *Spending of imaginary gift money*

- 1 Basic needs (including food, education, health)
- 2 Vehicle (car, bike, tractor)
- 3 Renovate/extend house/build house
- 4 Start a business or invest in current business
- 5 Pay off debts/savings/investment
- 6 Finance migration

- 7 (Other) Household asset
- 8 (Other) Personal item
- 9 (Other) Holiday/travel
- 10 (Other) Celebration
- 11 (Other) Donation or gifts
- 12 (Other) Training
- 13 (Other) Basic needs and vehicle
- 14 (Other) Basic needs and renovate house
- 15 (Other) Basic needs and invest in business
- 16 (Other) Basic needs and pay debts/savings
- 17 (Other) Shopping/ spend for fun

impactaid_c4 *Impact of foreign development respondent is aware of*

- 0 Does not know of any interventions
- 1 They make a big difference
- 2 They make a bit of a difference
- 3 They make no difference

inmig_c4 *Respondent and parents' migration to the RA*

- 1 Moved to RA in the last 5 years
- 2 Moved to RA more than 5 years ago
- 3 Born in RA as first generation
- 4 Born in RA and at least one parent also born there

internetfrq_c6 *Frequency of internet use (past month)*

- 0 Has never used the internet
- 1 Have not used the internet in past year
- 2 Almost every day
- 3 At least once a week
- 4 Less often
- 5 Not at all

j08trustpolice_c4 *Level of trust in police*

j09trustcourt_c4 *Level of trust in courts of law*

j10trustarmy_c4 *Level of trust in army*

- 1 Completely
- 2 Mostly
- 3 A little
- 4 Not at all

j13corruptra_c3 *Assessment of corruption problem in research area*

- 1 Not at all a problem
- 2 Small problem
- 3 Serious problem

j15corruptchg_c3 *Change in corruption in research area (5 years ago)*

- 1 Less of a problem
- 2 Same
- 3 Bigger problem

j16gvtcorrupt_c3 *Performance of authorities in fighting corruption*

- 1 Doing well
- 2 Doing OK
- 3 Doing badly

k02safechg_c3 *Change in safety of research area (5 years ago)*

- 1 More dangerous
- 2 Same
- 3 Safer

k10gvtcrime_c3 *Performance of authorities in reducing crime*

- 1 Doing well
- 2 Doing OK
- 3 Doing badly

l05envincome_c3 *Impact of environmental issues on household income*

- 1 Not at all
- 2 Somewhat
- 3 Very much

l06envfut_c3 *Expected impact of environmental issues on household income (in 5 years)*

- 1 Not at all
- 2 Somewhat
- 3 Very much

m04elecsrc_c4 *Source of electricity*

- 1 The public electric grid
- 2 A generator
- 3 Solar power
- 4 (Other) Another person's house

m05enrgsrc_c6 *Source of energy for cooking*

- 1 Electricity
- 2 Gas
- 3 Oil (including kerosene)
- 4 Charcoal
- 5 Firewood
- 6 (Other) None/does not cook

m08watersrc_c5 *Source of water*

- 1 Tap
- 2 Well
- 3 River sources
- 4 Bottled water/sachet water
- 5 (Other) Borehole
- 6 (Other) Tank/filtered water/rain water
- 7 (Other) Purchased from water tanker
- 8 (Other) Fountain

m11watershortage_c4 *Frequency of drinking water shortages*

- 1 Never
- 2 Sometimes
- 3 Often
- 4 Always

m12waterchg_c3 *Change in reliability of water source (5 years ago)*

- 1 Worse
- 2 Same
- 3 Better

maritalsts_c6 *Marital status*

- 1 Single, never married
- 2 Single, divorced or widow/widower
- 3 Married/cohabiting, partner lives in household
- 4 Married/cohabiting, partner lives elsewhere in research area
- 5 Married/cohabiting, partner lives elsewhere in the country
- 6 Married/cohabiting, partner lives abroad

migexp_c3 *Respondent has past international migration experience*

- 1 Never lived abroad
- 2 Lived abroad for at least 1 year
- 3 Grew up abroad

newbizinvest_c5 *Whether respondent or other hh member started business, and potential investment*

- 0 Did not start a new business
- 1 Started a new business, no investment
- 2 Started a new business, invested money
- 3 Started a new business, invested time

4 Started a new business, invested time and money

newbizsucc_c5 *Performance of new business that respondent or other hh member started*

0 Did not start a new business

1 Started business and it's failing

2 Started business and it's struggling

3 Started business and it's doing well

4 Started business and it's doing very well

numintmig_c3 *Number of internal migrants respondent knows*

1 Does not know anyone

2 Knows up to ten people

3 Knows more than 10 people

o02ra_c *Research area (Name)*

1 São Nicolau

2 Boa Vista

3 Boffa

4 Dialakoro

5 Gbane

6 Golf City

7 New Takoradi

8 Down Quarters

9 Awe

10 Ekpoma

11 Kombolcha*

12 Batu

13 Moyale

14 Erigavo

15 Baidoa

16 Enfidha

17 Redeyef

18 Hopa

19 Yenice

20 Kilis

21 Shahrake Jabrael

22 Behsud

23 Shahrake Mahdia

24 Chot Dheeran

25 Youhanabad

26 Keti Bandar

ra *Research area (ID)*

1 CPV1

2 CVP2

3 GIN1

4 GIN2

5 GHA1

6 GHA2

7 GHA3

8 NGA1

9 NGA2

10 NGA3

11 ETH1*

12 ETH2

13 ETH3

14 SOM1

15 SOM2

16 TUN1

17 TUN2

18 TUR1

19 TUR2

20 TUR3

21 AFG1

22 AFG2

23 AFG3

24 PAK1

25 PAK2

26 PAK3

religion_c5 *Religion (broad categories)*

1 Atheism (no religious beliefs)

2 Christianity

3 Islam

4 Hinduism

5 Other

voted_c3 *Voted in most recent election*

1 Not eligible

2 Did not vote

3 Did vote

y_country *Country*

1 Cabo Verde

2 Guinea

3 Ghana

4 Nigeria

5 Ethiopia

6 Somalia

7 Tunisia

8 Turkey

9 Afghanistan

10 Pakistan

Languages

a05chd[LANGUAGE]_d Spoke [LANGUAGE] at home as a child
o21intrvw[LANGUGE]_d Interview was conducted in [LANGUAGE]

alago	Alago	georgian	Georgian	pashto	Pashto
amharic	Amharic	gonja	Gonja	peulh	Peulh
arabic	Arabic	guerze	Guerze	pidgineng	Pidgin English
azaragi	Azaragi	gurage	Gurage	pomak	Pomak
baga	Baga	hadiya	Hadiya	portuguese	Portuguese
buuli	Buuli	hamshen	Hamshen	punjabi	Punjabi
creolecpv	Creole (Cabo Verde)	hausa	Hausa	seraiki	Seraiki
creolegnb	Creole (Guinea-Bissau)	igbo	Igbo	silte	Silte
dagaare	Dagaare	ijaba	Ijaba	sindhi	Sindhi
dagbani	Dagbani	kasem	Kasem	sissali	Sissali
dali	Dali	kissi	Kissi	somali	Somali
dangme	Dangme	konianke	Konianke	soussou	Soussou
dari	Dari	kurdish	Kurdish	spanish	Spanish
diakanke	Diakanke	kusaal	Kusaal	syriac	Syriac
eggon	Eggon	landouma	Landouma	talen	Talen
english	English	laz	Laz	tiv	Tiv
esan	Essan	lochi	Lochi	toma	Toma
ewe	Ewe	maaymaay	Maay Maay	turkish	Turkish
fante	Fante	malinke	Malinke	twi	Twi
frafra	Frafra	maxaatiri	Maxaatiri	urdu	Urdu
french	French	mewati	Mewati	wapan	Wapani
fula	Fu	nankam	Nankam	wolayta	Wolayta
ga	Ga	nzema	Nzema	yoruba	Yoruba
gedio	Gedio	oromo	Oromo		
		pashayee	Pashayee		

Countries (ISO code)

Questions that allow for responses of *several countries* are converted into series of dummy variables for each country.

f02ff[ISO]_d Has family/relative/friend(s) living in [Country, ISO code]

f05ffreturn[ISO]_d Has returnee family/relative/friend(s) from [Country, ISO code]

g04intmig[ISO]_d Knows of migrant from area living in [Country, ISO code]

h11lived[ISO]_d Lived in [Country, ISO code] for at least one year

afg	Afghanistan	gnq	Equatorial Guinea	lbn	Lebanon	srb	Serbia
alb	Albania	eri	Eritrea	lbr	Liberia	sle	Sierra Leone
dza	Algeria	eth	Ethiopia	lby	Libya	sgp	Singapore
ago	Angola	eu	Europe (unspecified)	lux	Luxembourg	svk	Slovakia
arg	Argentina	fji	Fiji	mkd	Macedonia	som	Somalia
arm	Armenia	fin	Finland	mys	Malaysia	zaf	South Africa
aus	Australia	fra	France	mdv	Maldives	ssd	South Sudan
aut	Austria	gab	Gabon	mli	Mali	esp	Spain
aze	Azerbaijan	geo	Georgia	mlt	Malta	lka	Sri Lanka
bhr	Bahrain	deu	Germany	mrt	Mauritania	sdn	Sudan
bgd	Bangladesh	gha	Ghana	mus	Mauritius	snd	Sudan
blr	Belarus	grc	Greece	mex	Mexico	swe	Sweden
bel	Belgium	gtm	Guatemala	mco	Monaco	che	Switzerland
ben	Benin	gin	Guinea	mar	Morocco	syr	Syria
bwa	Botswana	gnb	Guinea-Bissau	moz	Mozambique	twn	Taiwan
bra	Brazil	hkg	Hong Kong	nld	Netherlands	tjk	Tajikistan
bgr	Bulgaria	hun	Hungary	ant	Netherlands Antilles	tza	Tanzania
bfa	Burkina Faso	isl	Iceland	nzl	New Zealand	tha	Thailand
cpv	Cabo Verde	ind	India	ner	Niger	gmb	The Gambia
cmr	Cameroon	idn	Indonesia	nga	Nigeria	tgo	Togo
can	Canada	irn	Iran	nor	Norway	tun	Tunisia
caf	Central African Rep.	irq	Iraq	omn	Oman	tur	Turkey
tcd	Chad	irl	Ireland	othr	Other	tkm	Turkmenistan
chn	China	isr	Israel	pak	Pakistan	uga	Uganda
cod	Congo, Dem. Rep.	ita	Italy	pan	Panama	ukr	Ukraine
cog	Congo, Repub. of the	jam	Jamaica	png	Papua New Guinea	are	United Arab Emirates
civ	Cote d'Ivoire	jpn	Japan	pol	Poland	gbr	United Kingdom
hrv	Croatia	jor	Jordan	prt	Portugal	usa	United States
cub	Cuba	kaz	Kazakhstan	qat	Qatar	uzb	Uzbekistan
cyp	Cyprus	ken	Kenya	rou	Romania	ven	Venezuela
cze	Czech Republic	prk	Korea, North	rus	Russia	yem	Yemen
dnk	Denmark	kor	Korea, South	rwa	Rwanda	zmb	Zambia
dji	Djibouti	kwf	Kuwait	stp	Sao Tome & Principe	zwe	Zimbabwe
egy	Egypt	kgz	Kyrgyzstan	sau	Saudi Arabia		
slv	El Salvador	lva	Latvia	sen	Senegal		

Countries (numeric value)

Questions that ask for a response of *only one country* are regular categorical variables.

c04prefdest_c Preferred destination country

h02grewupcntry_c Country of growing up (if abroad)

1	Afghanistan	45	Estonia	89	Mauritius	133	Sudan
2	Albania	46	Ethiopia	90	Mexico	134	Swaziland
3	Algeria	47	Europe	91	Moldova	135	Sweden
4	Angola	48	Finland	92	Monaco	136	Switzerland
5	Argentina	49	France	93	Mongolia	137	Syria
6	Armenia	50	Gabon	94	Morocco	138	Taiwan
7	Australia	51	The Gambia	95	Mozambique	139	Tanzania
8	Austria	52	Georgia	96	Namibia	140	Thailand
9	Bahrain	53	Germany	97	Nepal	141	Togo
10	Bangladesh	54	Greece	98	Netherlands	142	Tonga
11	Barbados	55	Guatemala	99	New Zealand	143	Trinidad & Tobago
12	Belgium	56	Guinea	100	Nicaragua	144	Tunisia
13	Benin	57	Guinea-Bissau	101	Niger	145	Turkey
14	Botswana	58	Haiti	102	Nigeria	146	Uganda
15	Brazil	59	Hong Kong	103	Norway	147	Ukraine
16	Brunei	60	Hungary	104	Oman	148	United Arab Emirates
17	Bulgaria	61	Iceland	106	Pakistan	149	United Kingdom
18	Burkina Faso	62	India	107	Panama	150	United States
19	Burundi	63	Indonesia	108	Papua New Guinea	151	Uruguay
20	Cambodia	64	Iran	109	Paraguay	152	Venezuela
21	Cameroon	65	Iraq	110	Peru	153	Vietnam
22	Canada	66	Ireland	111	Philippines	154	Yemen
23	Cabo Verde	67	Israel	112	Poland	155	Zambia
24	Central African Rep.	68	Italy	113	Portugal	156	Zimbabwe
25	Chad	69	Jamaica	114	Puerto Rico	157	Maldives
26	Chile	70	Japan	115	Qatar	158	Azerbaijan
27	China	71	Jordan	116	Romania	159	Bosnia & Herzegovina
28	Colombia	72	Kenya	117	Russia	160	Gaza Strip
29	Congo, Dem. Rep.	73	South Korea	118	Rwanda	161	Kazakhstan
30	Congo, Repub. of the	74	Kuwait	119	Saint Vincent and the Grenadines	162	Kyrgyzstan
31	Costa Rica	75	Latvia	120	Sao Tome & Principe	163	Tajikistan
32	Cote d'Ivoire	76	Lebanon	121	Saudi Arabia	164	Turkmenistan
33	Croatia	77	Lesotho	122	Senegal	165	Uzbekistan
34	Cuba	78	Liberia	123	Serbia	166	West Bank
35	Cyprus	79	Libya	124	Seychelles	167	Netherlands Antilles
36	Czech Republic	80	Lithuania	125	Sierra Leone	168	Ghana
37	Denmark	81	Luxembourg	126	Singapore	169	British Virgin Islands
38	Dominica	82	Macedonia	127	Slovakia	170	Cayman Islands
39	Dominican Republic	83	Madagascar	128	Slovenia	171	North Korea
40	Ecuador	84	Malawi	129	Somalia	172	Liechtenstein
41	Egypt	85	Malaysia	130	South Africa	174	Djibouti
42	El Salvador	86	Mali	131	Spain	175	Any country or destination
43	Equatorial Guinea	87	Malta	132	Sri Lanka		
44	Eritrea	88	Mauritania				

Annex 4: Documentation of generated variables

See next page.


```

1 // PURPOSE:
2 // CREATED BY: Marcela G. Rubio
3 // CREATED DATE: 2022-11-15
4 // POSTED DATE: See filename (if posted)
5
6 ** OPTIONAL SECTIONS *****
7
8 /* CHANGES SINCE PREVIOUSLY POSTED VERSION
9     ASSUMPTIONS (e.g. dataset version or do-files already run)
10    WORKFLOW COMMENTS (on work within this do-file)
11
12 ** LEGEND *****
13
14 // MAJOR HEADING FOR LONG FILES //////////////////////////////////////
15 // Section heading =====
16 // Any other heading
17 * One-line comment or explanation
18 **Line not to be executed (but retained for reference or future use)
19 */
20 ** SETUP *****
21
22 capture log close
23 version 17
24 set more off
25 set linesize 80
26
27 ** END OF FILE INFO AND SETUP *****
28
29 //////////////////////////////////////
30 ///////////////          1) MODULE A          ///////////////
31 //////////////////////////////////////
32
33 // ===== 1.1) age categories ===== //
34
35 gen age_c3 = 1 if a01age_n>=18 & a01age_n<=24
36 replace age_c3 = 2 if a01age_n>24 & a01age_n<=31
37 replace age_c3 = 3 if a01age_n>31 & a01age_n<=39
38 replace age_c3 = 3 if a01age_n==40 /*1 case in Afghanistan only*/
39 replace age_c3 = .a if a01age_n==.a
40 replace age_c3 = .b if a01age_n==.b
41
42 label define age_c3 1 "18-24 years" 2 "25-31 years" 3 "32-39 years" .a "Don't know" .b "Refuse to
answer"
43 label value age_c3 age_c3
44 label var age_c3 "Age categories"
45
46 tab age_c3, m
47 order age_c3, after(a01age_n)
48
49 // ===== 1.2) marital status categories ===== //
50 * Don't know and Refuse to answer responses are coded as missing when creating a new variable
based on more than one variable
51
52 gen maritalsts_c6 = .
53 replace maritalsts_c6 = 1 if a02married_d==0 & a03evrmarried_d==0
54 replace maritalsts_c6 = 2 if a02married_d==0 & a03evrmarried_d==1
55 replace maritalsts_c6 = 3 if a02married_d==1 & a04cohabits_c4==1
56 replace maritalsts_c6 = 4 if a02married_d==1 & a04cohabits_c4==2
57 replace maritalsts_c6 = 5 if a02married_d==1 & a04cohabits_c4==3
58 replace maritalsts_c6 = 6 if a02married_d==1 & a04cohabits_c4==4
59
60 label define maritalsts_c6 1 "Single, never married" 2 "Single, divorced or widow/widower" 3
"Married/cohabiting, partner lives in household" 4 "Married/cohabiting, partner lives elsewhere
in research area" 5 "Married/cohabiting, partner lives elsewhere in the country" 6
"Married/cohabiting, partner lives abroad"
61 label value maritalsts_c6 maritalsts_c6
62 label var maritalsts_c6 "Marital status"
63

```

```

64 tab maritalsts_c6 o02ra_c, m
65 order maritalsts_c6, after(a04cohabits_c4)
66
67 // ===== 1.3) father's education level categories ===== //
68 * Don't know and Refuse to answer responses are coded as missing when creating a new variable
69 based on more than one variable
70
71 gen edufather_c3 = .
72 replace edufather_c3 = 0 if a07primfather_d==0
73 replace edufather_c3 = 1 if a07primfather_d==1 & a08secofather_d==0
74 replace edufather_c3 = 2 if a08secofather_d==1
75
76 label define edufather_c3 0 "Did not complete primary school" 1 "Completed primary school only" 2
77 "Completed secondary school"
78 label values edufather_c3 edufather_c3
79 label var edufather_c3 "Father's education level"
80
81 tab edufather_c3 o02ra_c,m
82 order edufather_c3, after(a08secofather_d)
83
84 // ===== 1.4) mother's education level categories ===== //
85 * Don't know and Refuse to answer responses are coded as missing when creating a new variable
86 based on more than one variable
87
88 gen edumother_c3 = .
89 replace edumother_c3 = 0 if a09primmother_d==0
90 replace edumother_c3 = 1 if a09primmother_d==1 & a10secomother_d==0
91 replace edumother_c3 = 2 if a10secomother_d==1
92
93 label define edumother_c3 0 "Did not complete primary school" 1 "Completed primary school only" 2
94 "Completed secondary school"
95 label values edumother_c3 edumother_c3
96 la var edumother_c3 "Mother's education level"
97
98 tab edumother_c3 o02ra_c,m
99 order edumother_c3, after(a10secomother_d)
100
101 // ===== 1.5) head of the household is female ===== //
102
103 gen hhheadfemale_d = .
104 replace hhheadfemale_d = 1 if a11hhhead_d==1 & o20female_d==1
105 replace hhheadfemale_d = 0 if a11hhhead_d==1 & o20female_d==0
106 replace hhheadfemale_d = 1 if a11hhhead_d==0 & a12hhhfemale_d==1
107 replace hhheadfemale_d = 0 if a11hhhead_d==0 & a12hhhfemale_d==0
108
109 label define hhheadfemale_d 0 "Household head is male" 1 "Household head is female"
110 label value hhheadfemale_d hhheadfemale_d
111 label var hhheadfemale_d "Head of household is female"
112 tab hhheadfemale_d, m
113
114 order hhheadfemale_d, after(a12hhhfemale_d)
115
116 // ===== 1.6) total number of adults in household ===== //
117
118 gen ttladults_n = (a13men_n + a15wom_n)
119
120 label var ttladults_n "Total number of adults in household"
121
122 tab ttladults_n o02ra_c, m
123 order ttladults_n, after(a16womovr40_n)
124
125 // ===== 1.6.1) total number of adults over 40 in household ===== //
126
127 gen ttlovr40_n = (a14menovr40_n + a16womovr40_n)
128
129 label var ttlovr40_n "Total number of adults aged 40 or over in household"
130
131 tab ttlovr40_n o02ra_c, m

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```

128 order ttlovr40_n, after(a16womovr40_n)
129
130 // ===== 1.6.2) count of hh members aged 18-39 ===== //
131
132 gen ttl1839_n = ttladults_n - ttlovr40_n if !missing(ttladults_n,ttlovr40_n)
133 label var ttl1839_n "Number of household members aged 18-39"
134
135 tab ttl1839_n, m
136 order ttl1839_n, after(ttlovr40_n)
137
138 // ===== 1.6.3) older household ratio ===== //
139
140 gen olderhhratio_n = (ttlovr40_n/ttladults_n)
141
142 label var olderhhratio_n "Proportion of adults in the hh aged 40 or more"
143
144 tab olderhhratio_n o02ra_c, m
145 order olderhhratio_n, after(ttlovr40_n)
146
147 hist olderhhratio_n
148
149 // ===== 1.7) household size ===== //
150
151 gen hhsiz_n = (ttladults_n + a17chn_n)
152
153 label var hhsiz_n "Household size"
154
155 tab hhsiz_n o02ra_c, m
156 order hhsiz_n, after(a17chn_n)
157
158
159 // ===== 1.8) secondary-school-age boys not-enrolled numerical ===== //
160
161 gen tempenrolboys_n = a21boysenrol_n
162 replace tempenrolboys_n = 1 if a20boysenrol_d==1
163
164 tab tempenrolboys_n
165
166 gen boysnotenrolsec_n = a19boysseco_n-tempenrolboys_n
167 label var boysnotenrolsec_n "Number of secondary-school-age boys in household not enrolled"
168
169 drop tempenrolboys_n
170 tab boysnotenrolsec_n
171
172 order boysnotenrolsec_n, after(a21boysenrol_n)
173
174 // ===== 1.9) secondary school age boys not-enrolled binary ===== // Question
by NC, please see email
175 * Out of the households with at least one secondary-school-age boy, proportion where boy is not
enrolled or there are zero boys enrolled
176
177 gen boysnotenrolsec_d = .
178 replace boysnotenrolsec_d = 0 if a19boysseco_n>0 & a19boysseco_n!=. & a19boysseco_n!=.a &
a19boysseco_n!=.b /*household has at least one secondary-school-age boy 12-17*/
179 replace boysnotenrolsec_d = 1 if a20boysenrol_d==0 & a19boysseco_n>0 & a19boysseco_n!=. &
a19boysseco_n!=.a & a19boysseco_n!=.b /*He's enrolled in secondary school*/
180 replace boysnotenrolsec_d = 1 if a21boysenrol_n==0 & a19boysseco_n>0 & a19boysseco_n!=. &
a19boysseco_n!=.a & a19boysseco_n!=.b /*There's zero boys enrolled in secondary school*/
181
182 label define boysnotenrolsec_d 0 "No" 1 "Yes"
183 label value boysnotenrolsec_d
184 label var boysnotenrolsec_d "Household has at least one secondary-school-age boy not enrolled"
185 order boysnotenrolsec_d, after(boysnotenrolsec_n)
186
187 // ===== 1.10) secondary school age girls not-enrolled numerical ===== //
188 *Question by NC, please see email
189 gen tempenrolgirls_n = a24girlsenrol_n
190 replace tempenrolgirls_n = 1 if a23girlsenrol_d==1

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191
192 tab tempenrolgirls_n
193
194 gen girlsnotenrolsec_n = a22girlsseco_n-tempenrolgirls_n
195 label var girlsnotenrolsec_n "Number of secondary school age girls in household not enrolled"
196
197 drop tempenrolgirls_n
198 tab girlsnotenrolsec_n
199 order girlsnotenrolsec_n, after(a24girlsenrol_n)
200
201 // ===== 1.11) secondary school age girls not-enrolled binary ===== //
202
203 gen girlsnotenrolsec_d = .
204 replace girlsnotenrolsec_d = 0 if a22girlsseco_n>0 & a22girlsseco_n!=. & a22girlsseco_n!=. &
a22girlsseco_n!=.a & a22girlsseco_n!=.b /*household has at least one secondary-school-age girl
12-17*/
205 replace girlsnotenrolsec_d = 1 if a23girlsenrol_d==0 & a22girlsseco_n>0 & a22girlsseco_n!=. &
a22girlsseco_n!=.a & a22girlsseco_n!=.b/*She's enrolled in secondary school*/
206 replace girlsnotenrolsec_d = 1 if a24girlsenrol_n==0 & a22girlsseco_n>0 & a22girlsseco_n!=. &
a22girlsseco_n!=.a & a22girlsseco_n!=.b/*There's zero girls enrolled in secondary school*/
207
208 label define girlsnotenrolsec_d 0 "No" 1 "Yes"
209 label values girlsnotenrolsec_d
210 label var girlsnotenrolsec_d "Household has at least one secondary school age girl not enrolled"
211 order girlsnotenrolsec_d, after(girlsnotenrolsec_n)
212
213 // ===== 1.12) respondent is a parent dummy ===== //
214
215 gen parent_d = 0
216 replace parent_d = 1 if a25hhparent_n>0 & a25hhparent_n!=. | a27nothhchn_d==1
217
218 label define parent_d 0 "No" 1 "Yes"
219 label values parent_d parent_d
220 label var parent_d "Respondent is a parent"
221
222 tab parent_d o02ra_c, m
223 order parent_d, after(a27nothhchn_d)
224
225 // ===== 1.13) respondent is a parent to children in household dummy ===== //
226 * I have not added any restriction, but it would make sense to estimate it out of respondents who
are a parent
227
228 gen parenthh_d = 0
229 replace parenthh_d = 1 if a25hhparent_n>0 & a25hhparent_n!=.
230 replace parenthh_d = .a if a25hhparent_n==.a
231 replace parenthh_d = .b if a25hhparent_n==.b
232
233 label define parenthh_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer", modify
234 label values parenthh_d parenthh_d
235 label var parenthh_d "Respondent is a parent to children in household"
236
237 tab parenthh_d, m
238 order parenthh_d, after(parent_d)
239
240 // ===== 1.14) total number of children respondent is a parent to ===== //
241 * Don't know and refuses to answer are coded as missing as we use two variables to estimate this
242
243 gen temp1 = a25hhparent_n
244 recode temp1 (.=0)
245 gen temp2 = a28nothhchn_n
246 recode temp2 (.=0)
247 gen parent_n = temp1+temp2
248
249 drop temp1 temp2
250
251 label var parent_n "Total number of children respondent is parent to"
252
253 tab parent_n, m

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254 order parent_n, after(parent_d)
255
256 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
257 ////////////////////////////////////////////////////////////////////      2) MODULE B      ////////////////////////////////////////////////////////////////////
258 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
259
260 // ===== 2.1) is working dummy ===== //
261
262 gen working_d = 0
263 replace working_d = 1 if b02jobcur_c9>=1 & b02jobcur_c9<=3 | b02jobcur_c9==8
264 replace working_d = .a if b02jobcur_c9==.a
265 replace working_d = .b if b02jobcur_c9==.b
266
267 label define working_d 1 "Yes" 0 "No" .a "Don't know" .b "Refuse to answer"
268 label values working_d working_d
269 label var working_d "Respondent is working"
270
271 tab working_d, m
272 order working_d, after(b02jobcur_oen)
273
274 // ===== 2.2) is unemployed dummy ===== //
275
276 * Following a more strict definition of unemployment = share of the labor force that is without
work but available for and seeking employment (Source:
https://databank.worldbank.org/metadataglossary/world-development-indicators/series/SL.UEM.TOTL.NE.ZS)
277
278 gen unemployed_d = .
279 replace unemployed_d = 0 if b02jobcur_c9>=1 & b02jobcur_c9<=3 | b02jobcur_c9==8 | b02jobcur_c9==5
/*labor force includes those employed and unemployed*/
280 replace unemployed_d = 1 if b02jobcur_c9==5 & b04jobseek_d==1 /*unemployed are those who are not
working and actively seeking employment*/
281
282 label define unemployed_d 1 "Yes" 0 "No"
283 label values unemployed_d unemployed_d
284 label var unemployed_d "Respondent is unemployed (only if in labour force)"
285
286 tab unemployed_d, m
287 order unemployed_d, after(b04jobseek_d)
288
289 // ===== 2.3) started new business and investment categorical ===== //
290 * Missing values when either b10newbizinvest_c4 or b09newbiz_d have "Don't know" and "Refuse to
answer" responses
291
292 gen newbizinvest_c5 = b10newbizinvest_c4
293 recode newbizinvest_c5 (0=1) (1=2) (2=3) (3=4)
294 replace newbizinvest_c5 = 0 if b09newbiz_d==0 & newbizinvest_c5==.
295
296 label define newbizinvest_c5 0 "Did not start a new business" 1 "Started a new business, no
investment" 2 "Started a new business, invested money" 3 "Started a new business, invested time" 4
"Started a new business, invested time and money"
297 label values newbizinvest_c5 newbizinvest_c5
298 label var newbizinvest_c5 "Whether respondent or other hh member started business, and potential
investment"
299
300 tab newbizinvest_c5, m
301 order newbizinvest_c5, after(b10newbizinvest_c4)
302
303 // ===== 2.4) started new business and success categorical ===== //
304
305 gen newbizsucc_c5 = b11newbizsucc_c4
306 replace newbizsucc_c5 = 0 if b09newbiz_d==0 & newbizsucc_c5==.
307
308 label define newbizsucc_c5 0 "Did not start a new business" 1 "Started business and it's failing"
2 "Started business and it's struggling" 3 "Started business and it's doing well" 4 "Started
business and it's doing very well" .a "Don't know" .b "Refuse to answer"
309 label values newbizsucc_c5 newbizsucc_c5
310 label var newbizsucc_c5 "Performance of new business that respondent or other hh member started"

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```
311
312 tab newbizsucc_c5, m
313 order newbizsucc_c5, after(b11newbizsucc_c4)
314
315 // ===== 2.5) knowledge and impact of foreign development interventions categorical
===== //
316
317 gen impactaid_c4 = b16impactaid_c3
318 replace impactaid_c4 = 0 if b15knowaid_d==0
319
320 label define impactaid_c4 0 "Does not know of any interventions" 1 "They make a big difference" 2
    "They make a bit of a difference" 3 "They make no difference" .a "Don't know" .b "Refuse to
    answer", modify
321 label values impactaid_c4 impactaid_c4
322 label var impactaid_c4 "Impact of foreign development respondent is aware of"
323
324 tab impactaid_c4, m
325 order impactaid_c4, after(b16impactaid_c3)
326
327 //////////////////////////////////////
328 //////////////////////////////////////          3) MODULE C          //////////////////////////////////////
329 //////////////////////////////////////
330
331 // ===== 3.1) has valid passport dummy (full sample) ===== //
332
333 gen passcur_d = c12passcur_d
334 replace passcur_d = 0 if c11passevr_d==0
335
336 label define passcur_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
337 label value passcur_d passcur_d
338 label var passcur_d "Currently has a valid passport"
339
340 tab passcur_d, m
341 order passcur_d, after(c12passcur_d)
342
343 // ===== 3.2) has applied for visa in richer country dummy (full sample)
===== //
344
345 gen visaapp_d = c13visaapp_d
346 replace visaapp_d = 0 if c10prepnotleave_d==0
347
348 label define visaapp_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
349 label value visaapp_d visaapp_d
350 label var visaapp_d "Has applied for richer country visa (past 5 years)"
351
352 tab visaapp_d, m
353 order visaapp_d, after(c13visaapp_d)
354
355 //////////////////////////////////////
356 //////////////////////////////////////          4) MODULE D          //////////////////////////////////////
357 //////////////////////////////////////
358
359 // ===== 4.1) has had serious health problem and received formal health care
categorical ===== //
360
361 gen hlthformal_c3 = d02hlthformal_d
362 recode hlthformal_c3 (0=1) (1=2)
363 replace hlthformal_c3 = 0 if d01hlthproblem_d==0 & hlthformal_c3==.
364
365 label define hlthformal_c3 0 "Has not had serious health problem" 1 "Had health problem and did
    not receive health care" 2 "Had health problem and received health care" .a "Don't know" .b
    "Refuse to answer", modify
366 label value hlthformal_c3 hlthformal_c3
367 label var hlthformal_c3 "Respondent or hh member has had serious health problem and received
    health care"
368
369 tab hlthformal_c3, m
370 order hlthformal_c3, after(d02hlthformal_d)
```



```

e05sptur5val_c3==2 | e06spnga2val_c3==2 | e07spnga3val_c3==2 | e08spnga4val_c3==2 | e05sppak1val_c3==2 |
e06spnga2val_c3==2 | e05speth1val_c3==2 | e06speth2val_c3==2 | e07speth3val_c3==2 |
e08speth4val_c3==2
408 * Very valuable
409 replace sphighval_c3 = 1 if e05spgha1val_c3==1 | e06spgha2val_c3==1 | e07spgha3val_c3==1 |
e08spgha4val_c3==1 | e05spcpv1val_c3==1 | e06spcpv2val_c3==1 | e07spcpv3val_c3==1 |
e05sptun1val_c3==1 | e06sptun2val_c3==1 | e07sptun3val_c3==1 | e08sptun4val_c3==1 |
e05spgin1val_c3==1 | e06spgin2val_c3==1 | e05spafg1val_c3==1 | e06spafg2val_c3==1 |
e05sptur1val_c3==1 | e06sptur2val_c3==1 | e07sptur3val_c3==1 | e08sptur4val_c3==1 |
e05sptur5val_c3==1 | e06sptur6val_c3==1 | e05spsom1val_c3==1 | e05spnga1val_c3==1 |
e06spnga2val_c3==1 | e07spnga3val_c3==1 | e08spnga4val_c3==1 | e05sppak1val_c3==1 |
e06sppak2val_c3==1 | e05speth1val_c3==1 | e06speth2val_c3==1 | e07speth3val_c3==1 |
e08speth4val_c3==1
410
411 label define sphighval_c3 1 "Very valuable" 2 "A bit valuable" 3 "Not valuable"
412 label values sphighval_c3 sphighval_c3
413 label var sphighval_c3 "Highest level of perceived value of social protection received"
414
415 tab sphighval_c3, m
416 order sphighval_c3, after(e08spnga4val_c3)
417
418 // ===== 5.3) Household has received social protection that they found 'not valuable'
dummy ===== //
419 * Applies only to subsample who receives at least one SP programme
420 * Missing values for "Don't know" and "Refuse to answer" responses for perceived value
421
422 gen spnotval_d = .
423 * Those who indicated 'not valuable'
424 replace spnotval_d = 1 if e05spgha1val_c3==3 | e06spgha2val_c3==3 | e07spgha3val_c3==3 |
e08spgha4val_c3==3 | e05spcpv1val_c3==3 | e06spcpv2val_c3==3 | e07spcpv3val_c3==3 | e05sptun1val_c3
==3 | e06sptun2val_c3==3 | e07sptun3val_c3==3 | e08sptun4val_c3==3 | e05spgin1val_c3==3 |
e06spgin2val_c3==3 | e05spafg1val_c3==3 | e06spafg2val_c3==3 | e05sptur1val_c3==3 |
e06sptur2val_c3==3 | e07sptur3val_c3==3 | e08sptur4val_c3==3 | e05sptur5val_c3==3 |
e06sptur6val_c3==3 | e05spsom1val_c3==3 | e05spnga1val_c3==3 | e06spnga2val_c3==3 |
e07spnga3val_c3==3 | e08spnga4val_c3==3 | e05sppak1val_c3==3 | e06sppak2val_c3==3 |
e05speth1val_c3==3 | e06speth2val_c3==3 | e07speth3val_c3==3 | e08speth4val_c3==3
425 * Those who indicated "Very valuable"
426 replace spnotval_d = 0 if e05spgha1val_c3==1 | e06spgha2val_c3==1 | e07spgha3val_c3==1 |
e08spgha4val_c3==1 | e05spcpv1val_c3==1 | e06spcpv2val_c3==1 | e07spcpv3val_c3==1 | e05sptun1val_c3
==1 | e06sptun2val_c3==1 | e07sptun3val_c3==1 | e08sptun4val_c3==1 | e05spgin1val_c3==1 |
e06spgin2val_c3==1 | e05spafg1val_c3==1 | e06spafg2val_c3==1 | e05sptur1val_c3==1 |
e06sptur2val_c3==1 | e07sptur3val_c3==1 | e08sptur4val_c3==1 | e05sptur5val_c3==1 |
e06sptur6val_c3==1 | e05spsom1val_c3==1 | e05spnga1val_c3==1 | e06spnga2val_c3==1 |
e07spnga3val_c3==1 | e08spnga4val_c3==1 | e05sppak1val_c3==1 | e06sppak2val_c3==1 |
e05speth1val_c3==1 | e06speth2val_c3==1 | e07speth3val_c3==1 | e08speth4val_c3==1
427 * Those who indicated "A bit valuable"
428 replace spnotval_d = 0 if e05spgha1val_c3==2 | e06spgha2val_c3==2 | e07spgha3val_c3==2 |
e08spgha4val_c3==2 | e05spcpv1val_c3==2 | e06spcpv2val_c3==2 | e07spcpv3val_c3==2 | e05sptun1val_c3
==2 | e06sptun2val_c3==2 | e07sptun3val_c3==2 | e08sptun4val_c3==2 | e05spgin1val_c3==2 |
e06spgin2val_c3==2 | e05spafg1val_c3==2 | e06spafg2val_c3==2 | e05sptur1val_c3==2 |
e06sptur2val_c3==2 | e07sptur3val_c3==2 | e08sptur4val_c3==2 | e05sptur5val_c3==2 |
e06sptur6val_c3==2 | e05spsom1val_c3==2 | e05spnga1val_c3==2 | e06spnga2val_c3==2 |
e07spnga3val_c3==2 | e08spnga4val_c3==2 | e05sppak1val_c3==2 | e06sppak2val_c3==2 |
e05speth1val_c3==2 | e06speth2val_c3==2 | e07speth3val_c3==2 | e08speth4val_c3==2
429
430 label define spnotval_d 0 "No" 1 "Yes"
431 label values spnotval_d spnotval_d
432 label var spnotval_d "Household has received social protection that they found 'not valuable'"
433
434 tab spnotval_d, m
435 order spnotval_d, after(sphighval_c3)
436
437 // ===== 5.4) most people in research area can be trusted dummy ===== //
438
439 gen trust_d = e11trust_c2
440 recode trust_d (1=0) (0=1)
441

```



```
442 label define trust_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
443 label values trust_d trust_d
444 label var trust_d "Most people in research area can be trusted"
445
446 tab trust_d, m
447 order trust_d, after(e11trust_c2)
448
449 // ===== 5.5) broad religion categories categorical ===== //
450
451 gen religion_c5 = .
452 replace religion_c5 = 1 if e13religion_c==1
453 replace religion_c5 = 2 if e13religion_c>=2 & e13religion_c<=5 | e13religion_c>=8 & e13religion_c
<=14 | e13religion_c==21 | e13religion_c==24 | e13religion_c==30 | e13religion_c==31 |
e13religion_c==32 | e13religion_c==34 | e13religion_c==35
454 replace religion_c5 = 3 if e13religion_c==6 | e13religion_c>=17 & e13religion_c<=20 |
e13religion_c==33
455 replace religion_c5 = 4 if e13religion_c==22
456 replace religion_c5 = 5 if e13religion_c==7 | e13religion_c==999 /*grouped African traditional
religion/paganism under this category*/
457 replace religion_c5 = .a if e13religion_c==.a
458 replace religion_c5 = .b if e13religion_c==.b
459
460 label define religion_c5 1 "Atheism (no religious beliefs)" 2 "Christianity" 3 "Islam" 4
"Hinduism" 5 "Other" .a "Don't know" .b "Refuse to answer"
461 label values religion_c5 religion_c5
462 label var religion_c5 "Religion (broad categories)"
463
464 tab religion_c5, m
465 order religion_c5, after(e13religion_c)
466
467 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
468 //////////////////////////////////////////////////////////////////// 6) MODULE F ////////////////////////////////////////////////////////////////////
469 ////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
470
471 // ===== 6.1) has former household member who lives abroad (full sample) dummy
===== //
472
473 gen ffhhmabroad_d = 0
474 replace ffhhmabroad_d = 1 if f03hhmabroad_d==1
475 replace ffhhmabroad_d = .a if f03hhmabroad_d==.a
476 replace ffhhmabroad_d = .b if f03hhmabroad_d==.b
477
478 label define ffhhmabroad_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
479 label values ffhhmabroad_d ffhhmabroad_d
480 label var ffhhmabroad_d "Has former household member who lives abroad"
481
482 tab ffhhmabroad_d, m
483 order ffhhmabroad_d, after(f03hhmabroad_d)
484
485 // ===== 6.2) has returnee household member (full sample) dummy ===== //
486
487 gen hhmreturnee_d = 0
488 replace hhmreturnee_d = 1 if f04ffreturn_d==1 & f06hhmreturnee_d==1
489
490 label define hhmreturnee_d 0 "No" 1 "Yes"
491 label values hhmreturnee_d hhmreturnee_d
492 label var hhmreturnee_d "Has returnee household members"
493
494 tab hhmreturnee_d, m
495 order hhmreturnee_d, after (f06hhmreturnee_d)
496
497 // ===== 6.3) has had contact with migrant family/relatives/friends past year (full
sample) dummy ===== //
498
499 gen ffrcontact_d = f07contact_d
500 replace ffrcontact_d = 0 if f01ffabroad_d==0
501
502 label define ffrcontact_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
```

```

503 label value ffrcontact_d ffrcontact_d
504 label var ffrcontact_d "Has had contact with migrant family/relatives/friends (past year)"
505
506 tab ffrcontact_d, m
507 order ffrcontact_d, after(f07contact_d)
508
509 // ===== 6.4) has had monthly contact with migrant family/relatives/friends past year
510 (full sample) dummy ===== //
511
512 gen ffrcontactreg_d = f08contactreg_d
513 replace ffrcontactreg_d = 0 if f07contact_d==0 | f01ffabroad_d==0
514
515 label define ffrcontactreg_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
516 label value ffrcontactreg_d ffrcontactreg_d
517 label var ffrcontactreg_d "Has monthly contact with migrant family/relatives/friends"
518
519 tab ffrcontactreg_d, m
520 order ffrcontactreg_d, after(f08contactreg_d)
521
522 // ===== 6.5) Household has received remittances from family/relatives/friends (past
523 year) (full sample) dummy ===== //
524
525 gen ffrremit_d = f09remit_d
526 replace ffrremit_d = 0 if f01ffabroad_d==0
527
528 label define ffrremit_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
529 label value ffrremit_d ffrremit_d
530 label var ffrremit_d "Household has received remittances (past year)"
531
532 tab ffrremit_d, m
533 order ffrremit_d, after(f09remit_d)
534
535 // ===== 6.6) Household has received remittances from former household member (past
536 year) (full sample) dummy ===== //
537
538 gen hhmremit_d = f10remithhm_d
539 replace hhmremit_d = 0 if f01ffabroad_d==0 | f09remit_d==0
540
541 label define hhmremit_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
542 label value hhmremit_d hhmremit_d
543 label var hhmremit_d "Household has received remittances from former household member (past year)"
544
545 tab hhmremit_d, m
546 order hhmremit_d, after(f10remithhm_d)
547
548 // ===== 7) MODULE G =====
549
550 // ===== 7.1) Number of internal migrants respondent knows categorical ===== //
551
552 gen numintmig_c3 = .
553 replace numintmig_c3 = 1 if g01internalmig_d==0
554 replace numintmig_c3 = 2 if g02internal10_d==0
555 replace numintmig_c3 = 3 if g02internal10_d==1
556
557 label define numintmig_c3 1 "Does not know anyone" 2 "Knows up to ten people" 3 "Knows more than
558 10 people"
559 label values numintmig_c3 numintmig_c3
560 label var numintmig_c3 "Number of internal migrants respondent knows"
561
562 tab numintmig_c3, m
563 order numintmig_c3, after(g02internal10_d)
564
565 // ===== 7.2) Failed migration attempt categorical ===== //
566
567 gen failmig_c3 = 1
568 replace failmig_c3 = 2 if g06failinjured_d==1 | g07faildie_d==1 | g08faildetain_d==1 |

```



```

694 internetfrq_c6(1=2) (2=3) (3=4) (4=5)
695 replace internetfrq_c6 = 0 if i27internetevr_d==0
696 replace internetfrq_c6 = 1 if i28internetyr_d==0
697
698 label define internetfrq_c6 0 "Has never used the internet" 1 "Have not used the internet in past
year" 2 "Almost every day" 3 "At least once a week" 4 "Less often" 5 "Not at all" .a "Don't know"
.b "Refuse to answer"
699 label values internetfrq_c6 internetfrq_c6
700 label var internetfrq_c6 "Frequency of internet use (past month)"
701
702 tab internetfrq_c6, m
703 order internetfrq_c6, after(i29internetfrq_c4)
704
705
706 ////////////////////////////////////////
707 ///////////////          10) MODULE J          ///////////////
708 ////////////////////////////////////////
709
710 // ===== 10.1) Participated in protest past year (full sample) ===== //
711
712 gen protestpart_d = j02protestpart_d
713 replace protestpart_d = 0 if j01protestknow_d==0
714
715 label define protestpart_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
716 label values protestpart_d protestpart_d
717 label var protestpart_d "Participated in protest (past year)"
718
719 tab protestpart_d, m
720 order protestpart_d , after(j02protestpart_d)
721
722 // ===== 10.2) Voted in most recent election ===== //
723
724 gen voted_c3 = .
725 replace voted_c3 = 1 if j04voteelig_d==0
726 replace voted_c3 = 2 if j05voted_d==0
727 replace voted_c3 = 3 if j05voted_d==1
728
729 label define voted_c3 1 "Not eligible" 2 "Did not vote" 3 "Did vote"
730 label values voted_c3 voted_c3
731 label var voted_c3 "Voted in most recent election"
732
733 tab voted_c3, m
734 order voted_c3, after(j05voted_d)
735
736 ////////////////////////////////////////
737 ///////////////          11) MODULE K          ///////////////
738 ////////////////////////////////////////
739
740 // ===== 11.1) Fear of any type of violence ===== //
741
742 gen fearvio_d
743 replace fearvio_d = j05fearvio_d
744
745 label define fearvio_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
746 label values fearvio_d fearvio_d
747 label var fearvio_d "Was feared any type of violence (past 5 years)"
748
749 tab fearvio_d
750 order fearvio_d, after(j05fearvio_d)
751
752 // ===== 11.2) Experience of any type of violence ===== //
753
754 gen vio_personal_d
755 replace vio_personal_d = j06vio_personal_d
756
757 label define vio_personal_d 0 "No" 1 "Yes" .a "Don't know" .b "Refuse to answer"
758 label values vio_personal_d vio_personal_d
759 label var vio_personal_d "Was personally feared and experienced violence in RA (past 5 years)"

```



```

825 /// water variable for asset index with high, med and low qual:
826
827 /*
828 Water supply
829 - High quality is private piped water or bottled water;
830 - middle quality is public tap or standpipe, tubewell or borehole, protected well or spring, or
831 tanker truck;
832 - low quality is unprotected well or spring, cart with tank/drum, or surface water.
833 */
834
835 gen tempwater = .
836 replace tempwater = 1 if m08watersrc_c5==3
837 replace tempwater = 2 if m08watersrc_c5==1 | m08watersrc_c5==2 | m09watershare_d==1 &
838 m08watersrc_c5==1 | m08watersrc_c5>=5 & m08watersrc_c5<=8
839 replace tempwater = 2 if m09watershare_d==5 & y_country==8 /*borehole in Nigeria only*/
840 replace tempwater = 3 if m09watershare_d==0 & m08watersrc_c5==1 | m08watersrc_c5==4
841 replace tempwater = 2 if m08watersrc_c5==999 & (m08watersrc_oen=="Borehole" | m08watersrc_oen==
842 "Both, sometimes from the tap, sometimes from the carboy" | m08watersrc_oen=="Buy it from truck
843 or bajaj that bring water from far away" | m08watersrc_oen=="Filter" | m08watersrc_oen==
844 "Purchased from water tanker" | m08watersrc_oen=="Purification" | m08watersrc_oen=="Share with
845 the neighbours through plastic pipe" | m08watersrc_oen=="Tank/filtered water/rain water" |
846 m08watersrc_oen=="Tap water" | m08watersrc_oen=="They bring it from the mosque" | m08watersrc_oen
847 == "They buy and bring it home by vehicle from town" | m08watersrc_oen=="They buy from area that
848 are closer to town and bring it home by motorcycles" | m08watersrc_oen=="Water bought from bajaj"
849 | m08watersrc_oen=="Water brought by bajaj" | m08watersrc_oen=="Water brought by bajaj and trucks"
850 | m08watersrc_oen=="Water brought by load bajaj" | m08watersrc_oen=="Water brought by loading
851 bajaj" | m08watersrc_oen=="Water brought by loading bajaj and sometimes from trucks" |
852 m08watersrc_oen=="Water brought by truck or bajaj" | m08watersrc_oen=="Water brought by trucks
853 and bajaj" | m08watersrc_oen=="Water buyed from truck or bajaj" | m08watersrc_oen=="Water came by
854 truck" | m08watersrc_oen=="Water from truck" | m08watersrc_oen=="Water that is brought by Load
855 bajaj" | m08watersrc_oen=="Water that is brought by bajaj" | m08watersrc_oen=="Water that is
856 brought by bajaj and trucks" | m08watersrc_oen=="Water that is brought by load bajaj" |
857 m08watersrc_oen=="Water that is brought by truck and bajaj from far away" | m08watersrc_oen==
858 "Water that is brought by truck or bajaj from far" | m08watersrc_oen=="Water that is brought by
859 trucks and bajaj" | m08watersrc_oen=="Water that's brought by load bajaj" | m08watersrc_oen==
860 "Water that's brought by load bajaj" | m08watersrc_oen=="Water truck" | m08watersrc_oen=="Water
861 trucking" | m08watersrc_oen=="Water trucking and buying private" | m08watersrc_oen=="Water
862 trucking and buying water from motor vehicles" | m08watersrc_oen=="We buy it as our family" |
863 m08watersrc_oen=="buying from water trucker" | m08watersrc_oen=="cars that go around" |
864 m08watersrc_oen=="drinking water from juncalinho" | m08watersrc_oen=="hole water installed in the
865 network" | m08watersrc_oen=="manual water pump" | m08watersrc_oen=="transport water" |
866 m08watersrc_oen=="water near the mosque" | m08watersrc_oen=="we bring water from another house" |
867 m08watersrc_oen=="we bring water from another house which has a manual water pump" |
868 m08watersrc_oen=="we bring water from our neighbours" | m08watersrc_oen=="we bring water from
869 school" | m08watersrc_oen=="Mai Rua" | m08watersrc_oen=="Brought home from town with vehicles" )
870 replace tempwater = 1 if m08watersrc_c5==999 & (m08watersrc_oen=="A neighbors house" |
871 m08watersrc_oen=="From the drinking water in the village" | m08watersrc_oen=="Natural spring
872 water" | m08watersrc_oen=="Neighbors house" | m08watersrc_oen=="Other people's home" |
873 m08watersrc_oen=="Purchase at the landlord's house." | m08watersrc_oen=="River sources" |
874 m08watersrc_oen=="Spring water" | m08watersrc_oen=="Temporary stream" | m08watersrc_oen=="There
875 are fountains everywhere" | m08watersrc_oen=="freshwater fountain" | m08watersrc_oen=="freshwater
876 springs" | m08watersrc_oen=="from the fountain" | m08watersrc_oen=="mountain water" |
877 m08watersrc_oen=="spring or stream" | m08watersrc_oen=="sweet water" | m08watersrc_oen=="from the
878 mountain")
879
880 label define tempwater 1 "Low quality" 2 "Middle quality" 3 "High quality"
881 label val tempwater tempwater
882 label var tempwater "PCA water supply low-high quality"
883
884
885 tab tempwater, m
886
887 /// toilet variable for asset index with high, med and low qual:
888 /*
889 Toilet facility
890 - high quality is private flush toilet (or flush toilet if private unknown);
891 - middle quality is public toilet, ventilated/improved pit latrine, pit latrine with slab, or
892 composting toilet;
893 - low quality is pit latrine without slab, open pit, bucket, hanging toilet or no toilet.
894 */

```

```

854 gen temptoilet = .
855 replace temptoilet = 3 if m06toilet_c5==1
856 replace temptoilet = 2 if m07toiletshare_d==1 & m06toilet_c5==1 | m06toilet_c5==2
857 replace temptoilet = 1 if m06toilet_c5==3 | m06toilet_c5==4
858 replace temptoilet = 3 if m07toiletshare_d==0 & m06toilet_c5==999
859 replace temptoilet = 1 if m06toilet_c5==999 & (m06toilet_oen=="Bush" | m06toilet_oen=="None" |
860 m06toilet_oen=="Closet" | m06toilet_oen=="Bathroom just for taking a shower" | m06toilet_oen==
"just to take a shower")
861 replace temptoilet = 2 if m06toilet_c5==999 & (m06toilet_oen=="Borehole" | m06toilet_oen=="Flush
toilet not linked sewerage" | m06toilet_oen=="Semi link" | m06toilet_oen=="old well" |
m06toilet_oen=="well" | m06toilet_oen=="both" | m06toilet_oen=="Alaturca and closet toilet
together")
862
863 label define temptoilet 1 "Low quality" 2 "Middle quality" 3 "High quality"
864 label val temptoilet temptoilet
865 label var temptoilet "PCA toilet supply low-high quality"
866
867 tab temptoilet, m
868
869 ///create floor variable for asset index with high, med and low qual:
870
871 /*
872 Floor quality
873 - high quality is finished floor with parquet, carpet, tiles, linoleum, ceramic etc.;
874 - middle quality is cement, concrete, wood, bamboo etc.;
875 - low quality is none, earth, dung etc.
876 */
877
878 gen tempfloor = .
879 replace tempfloor = 1 if i14floor_c7==5 | i14floor_c7==6
880 replace tempfloor = 1 if i14floor_c7==. & i14floor_oen=="tent and some sticks"
881 replace tempfloor = 2 if i14floor_c7==1 | i14floor_c7==3 | i14floor_c7==4
882 replace tempfloor = 2 if i14floor_c7==7 & i14floor_oen=="Metal sheet"
883 replace tempfloor = 3 if i14floor_c7==2
884 replace tempfloor = 1 if i14floor_c7==999 & (i14floor_oen=="lawn" | i14floor_oen=="mud house")
885
886 label define tempfloor 1 "Low quality" 2 "Middle quality" 3 "High quality"
887 label val tempfloor tempfloor
888 label var tempfloor "PCA floor quality low-high quality"
889
890 tab tempfloor, m
891
892 ///create floor variable for asset index with high, med and low qual:
893
894 /*
895 Floor quality
896 - high quality is finished floor with parquet, carpet, tiles, linoleum, ceramic etc.;
897 - middle quality is cement, concrete, wood, bamboo etc.;
898 - low quality is none, earth, dung etc.
899 */
900
901 gen temprooms = i13rooms_n
902 recode temprooms (4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 23 24 26 28 =3)
903 replace temprooms =. if temprooms==.a | temprooms==.b
904
905 label define temprooms 0 "no rooms" 1 "1 room" 2 "2 rooms" 3 "3+ rooms", modify
906 label val temprooms temprooms
907 label var temprooms "PCA room number"
908
909 tab temprooms o02ra_c
910
911 * Creating all variables relevant for wealth index by research area
912
913 foreach var of varlist i24comp_d i23aircon_d i22moped_d i21wash_d i20radio_d i19chair_d i18bike_d
i17car_d i16fridge_d i15tv_d m03elechome_d tempwater temptoilet tempfloor temprooms {
914
915 foreach x of numlist 1/26 {

```



```

916 gen `var' `_x' = `var' if o02ra_c==`x'
917 }
918 }
919 }
920 }
921 }
922 }
923 * PCA analysis by research area and prediction of scores based on components 1-5
924
925 foreach x of numlist 1/26 {
926
927 local wealth_list`x' i24comp_d`x' i23aircon_d`x' i22moped_d`x' ///
928 i21wash_d`x' i20radio_d`x' i19chair_d`x' i18bike_d`x' ///
929 i17car_d`x' i16fridge_d`x' i15tv_d`x' m03elechome_d`x' tempwater`x' temptoilet`x' ///
930 tempfloor`x' temprooms`x'
931
932 pca `wealth_list`x''
933
934 predict pc1`x' pc2`x' pc3`x' pc4`x' pc5`x'
935 }
936 }
937
938 ** transform index to scale 0-100 for each research area
939
940 *** using first component for all research areas
941
942 foreach x of numlist 1/26 {
943
944 sum pc1`x', d
945 gen wealthindex`x'_n =((pc1`x' - r(min))/ ( r(max) - r(min)))*100 if o02ra_c==`x'
946
947 }
948
949 foreach x of numlist 1/26 {
950 capture gen wealthindex_n =.
951 replace wealthindex_n = wealthindex`x'_n if o02ra_c==`x'
952 }
953
954 sum wealthindex_n
955
956 br i24comp_d_6 i23aircon_d_6 i22moped_d_6 i21wash_d_6 i20radio_d_6 i19chair_d_6 i18bike_d_6
i17car_d_6 i16fridge_d_6 i15tv_d_6 m03elechome_d_6 tempwater_6 temptoilet_6 tempfloor_6
temprooms_6 pc1_6 wealthindex6_n if o02ra_c==6
957
958 * Generate wealth index score with all research areas
959
960 ** create quintiles
961 egen wealthindex_c5 = xtile(wealthindex_n), by(o02ra_c) nq(5)
962
963 mean wealthindex_n, over (wealthindex_c5)
964
965 label var wealthindex_n "Household wealth index (scale 0-100)"
966 label var wealthindex_c5 "Household wealth index (quintiles)"
967 label define wealthindex_c5 1 "Lowest" 2 "Second" 3 "Middle" 4 "Fourth" 5 "Highest"
968 label value wealthindex_c5 wealthindex_c5
969 order wealthindex_n wealthindex_c5, after(m12waterchg_c3)
970
971 histogram wealthindex_n, by (o02ra_c)
972
973 drop tempfloor temprooms temptoilet tempwater pc1_1 pc1_2 pc1_3 pc1_4 pc1_5 pc1_6 pc1_7 pc1_8
pc1_9 pc1_10 pc1_11 pc1_12 pc1_13 pc1_14 pc1_15 pc1_16 pc1_17 pc1_18 pc1_19 pc1_20 pc1_21 pc1_22
pc1_23 pc1_24 pc1_25 pc1_26 pc2_1 pc2_2 pc2_3 pc2_4 pc2_5 pc2_6 pc2_7 pc2_8 pc2_9 pc2_10 pc2_11
pc2_12 pc2_13 pc2_14 pc2_15 pc2_16 pc2_17 pc2_18 pc2_19 pc2_20 pc2_21 pc2_22 pc2_23 pc2_24 pc2_25
pc2_26 pc3_1 pc3_2 pc3_3 pc3_4 pc3_5 pc3_6 pc3_7 pc3_8 pc3_9 pc3_10 pc3_11 pc3_12 pc3_13 pc3_14
pc3_15 pc3_16 pc3_17 pc3_18 pc3_19 pc3_20 pc3_21 pc3_22 pc3_23 pc3_24 pc3_25 pc3_26 pc4_1 pc4_2
pc4_3 pc4_4 pc4_5 pc4_6 pc4_7 pc4_8 pc4_9 pc4_10 pc4_11 pc4_12 pc4_13 pc4_14 pc4_15 pc4_16 pc4_17
pc4_18 pc4_19 pc4_20 pc4_21 pc4_22 pc4_23 pc4_24 pc4_25 pc4_26 pc5_1 pc5_2 pc5_3 pc5_4 pc5_5 pc5_6
pc5_7 pc5_8 pc5_9 pc5_10 pc5_11 pc5_12 pc5_13 pc5_14 pc5_15 pc5_16 pc5_17 pc5_18 pc5_19 pc5_20

```

pc5_21 pc5_22 pc5_23 pc5_24 pc5_25 pc5_26 i24comp_d_1 i24comp_d_2 i24comp_d_3 i24comp_d_4
i24comp_d_5 i24comp_d_6 i24comp_d_7 i24comp_d_8 i24comp_d_9 i24comp_d_10 i24comp_d_11 i24comp_d_12
i24comp_d_13 i24comp_d_14 i24comp_d_15 i24comp_d_16 i24comp_d_17 i24comp_d_18 i24comp_d_19
i24comp_d_20 i24comp_d_21 i24comp_d_22 i24comp_d_23 i24comp_d_24 i24comp_d_25 i24comp_d_26
i23aircon_d_1 i23aircon_d_2 i23aircon_d_3 i23aircon_d_4 i23aircon_d_5 i23aircon_d_6 i23aircon_d_7
i23aircon_d_8 i23aircon_d_9 i23aircon_d_10 i23aircon_d_11 i23aircon_d_12 i23aircon_d_13
i23aircon_d_14 i23aircon_d_15 i23aircon_d_16 i23aircon_d_17 i23aircon_d_18 i23aircon_d_19
i23aircon_d_20 i23aircon_d_21 i23aircon_d_22 i23aircon_d_23 i23aircon_d_24 i23aircon_d_25
i23aircon_d_26 i22moped_d_1 i22moped_d_2 i22moped_d_3 i22moped_d_4 i22moped_d_5 i22moped_d_6
i22moped_d_7 i22moped_d_8 i22moped_d_9 i22moped_d_10 i22moped_d_11 i22moped_d_12 i22moped_d_13
i22moped_d_14 i22moped_d_15 i22moped_d_16 i22moped_d_17 i22moped_d_18 i22moped_d_19 i22moped_d_20
i22moped_d_21 i22moped_d_22 i22moped_d_23 i22moped_d_24 i22moped_d_25 i22moped_d_26 i21wash_d_1
i21wash_d_2 i21wash_d_3 i21wash_d_4 i21wash_d_5 i21wash_d_6 i21wash_d_7 i21wash_d_8 i21wash_d_9
i21wash_d_10 i21wash_d_11 i21wash_d_12 i21wash_d_13 i21wash_d_14 i21wash_d_15 i21wash_d_16
i21wash_d_17 i21wash_d_18 i21wash_d_19 i21wash_d_20 i21wash_d_21 i21wash_d_22 i21wash_d_23
i21wash_d_24 i21wash_d_25 i21wash_d_26 i20radio_d_1 i20radio_d_2 i20radio_d_3 i20radio_d_4
i20radio_d_5 i20radio_d_6 i20radio_d_7 i20radio_d_8 i20radio_d_9 i20radio_d_10 i20radio_d_11
i20radio_d_12 i20radio_d_13 i20radio_d_14 i20radio_d_15 i20radio_d_16 i20radio_d_17 i20radio_d_18
i20radio_d_19 i20radio_d_20 i20radio_d_21 i20radio_d_22 i20radio_d_23 i20radio_d_24 i20radio_d_25
i20radio_d_26 i19chair_d_1 i19chair_d_2 i19chair_d_3 i19chair_d_4 i19chair_d_5 i19chair_d_6
i19chair_d_7 i19chair_d_8 i19chair_d_9 i19chair_d_10 i19chair_d_11 i19chair_d_12 i19chair_d_13
i19chair_d_14 i19chair_d_15 i19chair_d_16 i19chair_d_17 i19chair_d_18 i19chair_d_19 i19chair_d_20
i19chair_d_21 i19chair_d_22 i19chair_d_23 i19chair_d_24 i19chair_d_25 i19chair_d_26 i18bike_d_1
i18bike_d_2 i18bike_d_3 i18bike_d_4 i18bike_d_5 i18bike_d_6 i18bike_d_7 i18bike_d_8 i18bike_d_9
i18bike_d_10 i18bike_d_11 i18bike_d_12 i18bike_d_13 i18bike_d_14 i18bike_d_15 i18bike_d_16
i18bike_d_17 i18bike_d_18 i18bike_d_19 i18bike_d_20 i18bike_d_21 i18bike_d_22 i18bike_d_23
i18bike_d_24 i18bike_d_25 i18bike_d_26 i17car_d_1 i17car_d_2 i17car_d_3 i17car_d_4 i17car_d_5
i17car_d_6 i17car_d_7 i17car_d_8 i17car_d_9 i17car_d_10 i17car_d_11 i17car_d_12 i17car_d_13
i17car_d_14 i17car_d_15 i17car_d_16 i17car_d_17 i17car_d_18 i17car_d_19 i17car_d_20 i17car_d_21
i17car_d_22 i17car_d_23 i17car_d_24 i17car_d_25 i17car_d_26 i16fridge_d_1 i16fridge_d_2
i16fridge_d_3 i16fridge_d_4 i16fridge_d_5 i16fridge_d_6 i16fridge_d_7 i16fridge_d_8 i16fridge_d_9
i16fridge_d_10 i16fridge_d_11 i16fridge_d_12 i16fridge_d_13 i16fridge_d_14 i16fridge_d_15
i16fridge_d_16 i16fridge_d_17 i16fridge_d_18 i16fridge_d_19 i16fridge_d_20 i16fridge_d_21
i16fridge_d_22 i16fridge_d_23 i16fridge_d_24 i16fridge_d_25 i16fridge_d_26 i15tv_d_1 i15tv_d_2
i15tv_d_3 i15tv_d_4 i15tv_d_5 i15tv_d_6 i15tv_d_7 i15tv_d_8 i15tv_d_9 i15tv_d_10 i15tv_d_11
i15tv_d_12 i15tv_d_13 i15tv_d_14 i15tv_d_15 i15tv_d_16 i15tv_d_17 i15tv_d_18 i15tv_d_19 i15tv_d_20
i15tv_d_21 i15tv_d_22 i15tv_d_23 i15tv_d_24 i15tv_d_25 i15tv_d_26 m03elechome_d_1 m03elechome_d_2
m03elechome_d_3 m03elechome_d_4 m03elechome_d_5 m03elechome_d_6 m03elechome_d_7 m03elechome_d_8
m03elechome_d_9 m03elechome_d_10 m03elechome_d_11 m03elechome_d_12 m03elechome_d_13
m03elechome_d_14 m03elechome_d_15 m03elechome_d_16 m03elechome_d_17 m03elechome_d_18
m03elechome_d_19 m03elechome_d_20 m03elechome_d_21 m03elechome_d_22 m03elechome_d_23
m03elechome_d_24 m03elechome_d_25 m03elechome_d_26 tempwater_1 tempwater_2 tempwater_3 tempwater_4
tempwater_5 tempwater_6 tempwater_7 tempwater_8 tempwater_9 tempwater_10 tempwater_11
tempwater_12 tempwater_13 tempwater_14 tempwater_15 tempwater_16 tempwater_17 tempwater_18
tempwater_19 tempwater_20 tempwater_21 tempwater_22 tempwater_23 tempwater_24 tempwater_25
tempwater_26 temptoilet_1 temptoilet_2 temptoilet_3 temptoilet_4 temptoilet_5 temptoilet_6
temptoilet_7 temptoilet_8 temptoilet_9 temptoilet_10 temptoilet_11 temptoilet_12 temptoilet_13
temptoilet_14 temptoilet_15 temptoilet_16 temptoilet_17 temptoilet_18 temptoilet_19 temptoilet_20
temptoilet_21 temptoilet_22 temptoilet_23 temptoilet_24 temptoilet_25 temptoilet_26 tempfloor_1
tempfloor_2 tempfloor_3 tempfloor_4 tempfloor_5 tempfloor_6 tempfloor_7 tempfloor_8 tempfloor_9
tempfloor_10 tempfloor_11 tempfloor_12 tempfloor_13 tempfloor_14 tempfloor_15 tempfloor_16
tempfloor_17 tempfloor_18 tempfloor_19 tempfloor_20 tempfloor_21 tempfloor_22 tempfloor_23
tempfloor_24 tempfloor_25 tempfloor_26 temprooms_1 temprooms_2 temprooms_3 temprooms_4 temprooms_5
temprooms_6 temprooms_7 temprooms_8 temprooms_9 temprooms_10 temprooms_11 temprooms_12
temprooms_13 temprooms_14 temprooms_15 temprooms_16 temprooms_17 temprooms_18 temprooms_19
temprooms_20 temprooms_21 temprooms_22 temprooms_23 temprooms_24 temprooms_25 temprooms_26
wealthindex1_n wealthindex2_n wealthindex3_n wealthindex4_n wealthindex5_n wealthindex6_n
wealthindex7_n wealthindex8_n wealthindex9_n wealthindex10_n wealthindex11_n wealthindex12_n
wealthindex13_n wealthindex14_n wealthindex15_n wealthindex16_n wealthindex17_n wealthindex18_n
wealthindex19_n wealthindex20_n wealthindex21_n wealthindex22_n wealthindex23_n wealthindex24_n
wealthindex25_n wealthindex26_n

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```
////////////////////////////////////  
//////////                               14) MODULE N                               //////////////////////////////////////  
////////////////////////////////////
```

* No variables created based on this module

```
981 ///////////////////////////////////////////////////////////////////
982 /////////////////////////////////////////////////////////////////// 15) MODULE 0 ///////////////////////////////////////////////////////////////////
983 ///////////////////////////////////////////////////////////////////
984
985 // ===== 15.1) Short-version research area variable with IDs as value labels
986 // ===== //
987 generate ra = o02ra_c
988 label variable ra "Research area (ID)"
989
990 lab def ra ///
991 1 "CPV1" 2 "CVP2" 3 "GIN1" 4 "GIN2" 5 "GHA1" 6 "GHA2" 7 "GHA3" 8 "NGA1" 9 "NGA2" 10 "NGA3" ///
992 11 "ETH1*" 12 "ETH2" 13 "ETH3" 14 "SOM1" 15 "SOM2" 16 "TUN1" 17 "TUN2" 18 "TUR1" 19 "TUR2" ///
993 20 "TUR3" 21 "AFG1" 22 "AFG2" 23 "AFG3" 24 "PAK1" 25 "PAK2" 26 "PAK3", replace
994
995 label values ra ra
996
997 order ra, after(o02ra_c)
998
999 * The label for ETH1 includes an asterisk to warn about incomplete data. This research area
1000 (Kombolcha) should, as a rule, not be included in survey data analysis.
1001 ** CLOSING COMMANDS (if any) *****
1002
```