

# Resilience Index Measurement and Analysis 2017

**Resilience Analysis and Policy (RAP) Team**

report\_generated\_on: February 6, 2023

visit\_data\_catalog\_at: <https://microdata.worldbank.org/index.php>

## Identification

### SURVEY ID NUMBER

MRT\_2017\_RIMA\_v01\_M\_v01\_A\_OCS

### TITLE

Resilience Index Measurement and Analysis 2017

### COUNTRY/ECONOMY

| Name       | Country code |
|------------|--------------|
| Mauritania | MRT          |

### STUDY TYPE

Other Household Survey [hh/oth]

### SERIES INFORMATION

Following the two Resilience Index Measurement and Analysis (RIMA) surveys carried out in 2015 and 2016 during the lean season and the post-harvest period, this survey was carried out in 2017 to determine the resilience index in all regions of the country.

### ABSTRACT

Mauritania, like many countries in the Sahel, regularly face recurrent plagues such as droughts, floods, bird invasions, off-season rains, as well as, regional security issues. Drought, for example, is a common phenomenon in the south of Mauritania, which favors food insecurity and malnutrition, and significantly reduces household resilience while increasing their vulnerability to future shocks. Apart from the fact that only 0.5 percent of the land is suitable for agriculture, Mauritania consists of reliefs and very large, fragile agroecological complexes which are also faced with the effects of climate change.

In recent years, food crises and nutritional factors have been regularly observed due to structural causes which has poverty as its common denominator. These crises, as well as, climatic factors have a negative consequence on natural resources and reduce the resilience of livelihoods, thereby generating a loss in productivity and poor governance of natural resources. The concept of resilience generally defines the capacity of individuals, households, communities and countries to absorb shocks and adapt to a changing environment, while transforming the institutional environment in the long term. Thus, it is necessary to set up interventions that will have an impact on adaptability and risk management over time, in order to strengthen the resilience of vulnerable households.

For more than 10 years, FAO has measured the household resilience index in different countries, using a tool developed for this purpose; Resilience Index Measure and Analysis (RIMA). RIMA analysis requires household data, covering the different aspects of livelihood; activities (productive and non-productive), social safety nets, income, access to basic services (such as schools, markets, transportation etc.) and adaptive capacity. Following the two RIMA surveys carried out in 2015 and 2016 during the lean season and the post-harvest period, this survey was carried out in 2017 to determine the resilience index in all regions of the country.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Households

## Scope

### NOTES

The scope for the survey includes:

1. Household characteristics and demography
2. Main employment and work activities of household
3. Other occasional work activities of household
4. Housing, Infrastructure and other household assets
5. Food insecurity evaluation and food consumption patterns
6. Food consumption score

7. Non-food consumption
8. Family enterprises
9. Credit and loans
10. Received and issued cash transfers
11. Agricultural production in the last 12 months
12. Agricultural inputs and productive assets
13. Livestock and fishing
14. Animal products
15. Adaptation strategies
16. Social networks and shocks
17. Perception on Government and public institution performance

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

## Producers and sponsors

### PRIMARY INVESTIGATORS

| Name                                      | Affiliation                       |
|---|-----------------------------------|
| Resilience Analysis and Policy (RAP) Team | Food and Agriculture Organization |

### PRODUCERS

| Name                        | Affiliation              |
|-----------------------------|--------------------------|
| National Statistical Office | Government of Mauritania |

## Sampling

### SAMPLING PROCEDURE

The sampling size used in the household survey was determined by the FAO - ESA statistical team based on the results of the General Census of Population and Housing (RGPH) 2013, Permanent Survey on Household Living Conditions (EPCV) 2014 and the results of Resilience Index Measurement and Analysis (RIMA) surveys conducted in 2015 and 2016. A total sample of 3,560 households was selected. A 2 stage, simple random sampling method was employed to select the sampled households, distributed among the different rural and urban areas of the country.

The first stage sampling frame consists of an exhaustive list of Census Districts (CD) from the mapping of the RGPH carried out in 2013. An average CD has a population of about 1,000 people (approximately 200 households). The frame has been reorganized into 25 strata, corresponding to the total number of districts in the country, each subdivided into two environments, except Nouakchott which constitutes the 25th stratum. Drawing units called primary units are made up of census districts in the sampling frame at the level of each stratum.

The second stage sampling frame consists of the list of households in each CD sampled. This database was updated after a preliminary count which takes place shortly before the actual data collection in order to reduce the risks linked to the mobility of households. A total of 20 households were drawn from each CD counted.

Out of the 3,560 sampled households, 2,826 were interviewed.

### DEVIATIONS FROM THE SAMPLE DESIGN

Some teams encountered several difficulties related mainly to access, due to the collection period (winter). Also, the methodology used i.e carrying out census of districts before drawing sample households caused a delay in data collection and therefore the time provided was not sufficient to ensure collection at all level of the sampled census districts.

### RESPONSE RATE

The response rate was 79.4%.

## data\_collection

### DATES OF DATA COLLECTION

| Start   | End     | Cycle           |
|---------|---------|-----------------|
| 2017-07 | 2017-08 | Data Collection |

### DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

## data\_processing

### DATA EDITING

The data collection operation was performed using tablets. The program entered, designed by the statistical office has been tested and all constraints/controls necessary to ensure data quality have been integrated into the program. This program has been shared and tested before training. Also, consistency procedures have been incorporated into the program to minimize collection errors and ensure harmonization and consistency between different sections of the questionnaire.

In addition to regular checks carried out by supervisors, a mission to supervise progress and quality of data collected as part of the RIMA-National project was organized during the period from 11 to 22 August 2017. This 10-day mission allowed to visit all the deployed teams in the field. It was organized just after the departure of the teams, on August 8, 2017, in order to better supervise the start of the data collection phase in the field. This mission had several objectives:

1. Identify problems and provide solutions
2. Examine the quality of work by verifying the data collected
3. Recover all the data already collected and corrected in the field to serve as a backup.

## data\_appraisal

### DATA APPRAISAL

A 5-day training was provided by the FAO team in collaboration with the team from the national statistical office on the RIMA-national questionnaire. This training was done to examine the questionnaire and explain to the different participants the meaning of all the questions asked. During this training, a practical session on the tablets was provided by the statistical team in order to allow the data collection agents understand the handling and testing of the questionnaire. At the end of this training, a pilot survey was organized in some districts of Nouakchott. This survey revealed errors in the collection program which were corrected before field teams were deployed for data collection.

The data collection in the field lasted 1 month and 10 days. In addition to regular checks carried out by supervisors, a mission to supervise progress and quality of data collected as part of the RIMA-National project was organized during the period from 11 to 22 August 2017. This 10-day mission allowed to visit all the deployed teams in the field. It was organized just after the departure of the teams, on August 8, 2017, in order to better supervise the start of the data collection phase in the field. This mission had several objectives:

1. Identify problems and provide solutions
2. Examine the quality of work by verifying the data collected
3. Recover all the data already collected and corrected in the field to serve as a backup.

## Access policy

### CONTACTS

| Name           | Affiliation                       | Email                 |
|----------------|-----------------------------------|-----------------------|
| Marco D'Errico | Food and Agriculture Organization | Marco.DErrico@fao.org |

### CONFIDENTIALITY

The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be

reported immediately to FAO

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#### CITATION REQUIREMENTS

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#### DISCLAIMER

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

## Metadata production

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#### DDI DOCUMENT ID

DDI\_MRT\_2017\_RIMA\_v01\_M\_v01\_A\_OCS

#### PRODUCERS

| Name                             | Abbreviation | Affiliation                       | Role  |
|----------------------------------|--------------|-----------------------------------|---|
| Office of Chief Statistician     | OCS          | Food and Agriculture Organization | Metadata Producer                                 |
| Development Economics Data Group | DECDG        | The World Bank                    | Metadata adapted for World Bank Microdata Library |

#### DATE OF METADATA PRODUCTION

2023-01-31

#### DDI DOCUMENT VERSION

Version 01 (January 2023): This metadata was downloaded from the FAO website (<https://microdata.fao.org/index.php/catalog>) and it is identical to FAO version (MRT\_2017\_RIMA\_v01\_EN\_M\_v01\_A\_OCS). The following two metadata fields were edited - Document ID and Survey ID.

**data\_dictionary**

| <b>Data file</b> | <b>Cases</b> | <b>variables</b> |
|------------------|--------------|------------------|
| anon_module_b    | 0            | 7                |
| anon_module_c    | 0            | 36               |
| anon_module_d    | 0            | 7                |
| anon_module_f1   | 0            | 6                |
| anon_module_l    | 0            | 5                |
| anon_module_m1   | 0            | 4                |
| anon_module_o    | 0            | 3                |
| anon_module_w    | 0            | 3                |
| anon_module_y    | 0            | 10               |
| anon_module_z    | 0            | 4                |



**Data file: anon\_module\_b**

Cases: 0

variables: 7

**variables**

| ID | Name  | Label  | Question |
|----|-------|--|----------|
| V1 | hhid  | Unique household identifier                                    |          |
| V2 | indid | Individual identifier  |          |
| V3 | B3    | What is the relationship of (NAME) with the head of household? |          |
| V4 | B4a   | When is (NAME)'s birthday? (day)                               |          |
| V5 | B4b   | When is (NAME)'s birthday? (month)                             |          |
| V6 | B4c   | When is (NAME)'s birthday? (year)                              |          |
| V7 | B5    | Sex of (NAME)  |          |

total: 7

**Data file: anon\_module\_c**

Cases: 0

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variables: 36

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**variables**

| ID  | Name          | Label  | Question |
|-----|---------------|--|----------|
| V8  | hhid          | Unique household identifier  |          |
| V9  | C1            | If you had sold the house, how much would you think to get on the market?        |          |
| V10 | C2_11         | What is the main source of water of the household?                               |          |
| V11 | C5B_a         | From here, how many minutes (one way only) does it take to reach the nearest Sch |          |
| V12 | C5B_b         | From here, how many minutes (one way only) does it take to reach the nearest Hea |          |
| V13 | C5B_c         | From here, how many minutes (one way only) does it take to reach the nearest Hos |          |
| V14 | C5B_d         | From here, how many minutes (one way only) does it take to reach the nearest Pub |          |
| V15 | C5B_e         | From here, how many minutes (one way only) does it take to reach the nearest Agr |          |
| V16 | C5B_f         | From here, how many minutes (one way only) does it take to reach the nearest Tra |          |
| V17 | C5c_a         | From here, how do you usually reach the nearest School?                          |          |
| V18 | C5c_b         | From here, how do you usually reach the nearest Health center?                   |          |
| V19 | C5c_c         | From here, how do you usually reach the nearest Hospital?                        |          |
| V20 | C5c_d         | From here, how do you usually reach the nearest Public transport?                |          |
| V21 | C5c_e         | From here, how do you usually reach the nearest Agricultural Market?             |          |
| V22 | C5c_f         | From here, how do you usually reach the nearest Traditional healer?              |          |
| V23 | C3            | What is the main electricity source for the household?                           |          |
| V24 | C4            | What is the principal type of toilet used by the household?                      |          |
| V25 | motor_vehicle | How many [Motor vehicles (car, van, truck)] the household or a member of the hou |          |
| V26 | moto          | How many [Motorbikes / motor rickshaws] the household or a member of the houseo  |          |
| V27 | bike          | How many [Bikes] the household or a member of the household owns?                |          |
| V28 | cart          | How many [Carts] (not for agricultural production)] the household or a member of |          |
| V29 | boat          | How many [Boats] the household or a member of the household owns?                |          |
| V30 | tv            | How many [Televisions / satellite dishes] the household or a member of the house |          |
| V31 | radio         | How many [Radios / transistors] the household or a member of the household owns? |          |
| V32 | mobile        | How many [Mobiles] the household or a member of the household owns?              |          |
| V33 | bed           | How many [Beds] the household or a member of the household owns?                 |          |
| V34 | blanket       | How many [Blankets] the household or a member of the household owns?             |          |
| V35 | mattress      | How many [Mattresses] the household or a member of the household owns?           |          |
| V36 | mosqnet       | How many [Chairs / Benchs / Stools] the household or a member of the household o |          |
| V37 | pots          | How many [Pots] the household or a member of the household owns?                 |          |
| V38 | jug           | How many [Water jugs with lid] the household or a member of the household owns?  |          |
| V39 | table         | How many [Tables] the household or a member of the household owns?               |          |
| V40 | lamp          | How many [Lamps] the household or a member of the household owns?                |          |
| V41 | chair         | How many [Mosquito nets] the household or a member of the household owns?        |          |
| V42 | jerrycan      | How many [Jerrycans for storing drinking water] the household or a member of the |          |
| V43 | jewelry       | How many [Jewelry] the household or a member of the household owns?              |          |

total: 36

**Data file: anon\_module\_d**

Cases: 0

variables: 7

**variables**

| ID  | Name  | Label  | Question |
|-----|-------|--|----------|
| V44 | hhid  | Unique household identifier                                      |          |
| V45 | indid | Individual identifier  |          |
| V46 | D1    | Can [NAME] read?   |          |
| V47 | D2    | Can [NAME] write?  |          |
| V48 | D3a   | Did [NAME] attend the Koranic school or Mahadra?                 |          |
| V49 | D3b   | Did [NAME] attend formal school?                                 |          |
| V50 | D4    | What is the highest level that you achieved in formal education? |          |

total: 7

**Data file: anon\_module\_f1**

Cases: 0

variables: 6

**variables**

| ID  | Name  | Label  | Question |
|-----|-------|--|----------|
| V51 | hhid  | Unique household identifier                                      |          |
| V52 | F1_1  | Food item  |          |
| V53 | F1_2  | Have your household members eaten [FOOD] in the last seven days? |          |
| V54 | F1_4a | How much [FOOD] did you buy in the last 7 days? (Quantity)       |          |
| V55 | F1_4b | How much [FOOD] did you buy in the last 7 days? (Unit)           |          |
| V56 | F1_5  | How much did you pay in total?                                   |          |

total: 6

**Data file: anon\_module\_I**

Cases: 0

variables: 5

**variables**

| ID  | Name | Label  | Question |
|-----|------|--|----------|
| V57 | hhid | Unique household identifier  |          |
| V58 | L1   | In the past 12 months, have you or someone in your household borrowed, asked for |          |
| V59 | L2   | How much did you get from this loan (MRO)?, imputed                              |          |
| V60 | L3   | Do your household have a past debit (contracted before than 12 months) that you  |          |
| V61 | L4   | If yes, how much do you still have to pay (MRO)?, imputed                        |          |

total: 5

**Data file: anon\_module\_m1**

Cases: 0

variables: 4

**variables**

| ID  | Name | Label   | Question |
|-----|------|---|----------|
| V62 | hhid | Unique household identifier   |          |
| V63 | M1   | Received transfers identifier   |          |
| V64 | M1_2 | In the past 12 months, has anyone in your household received [TRANSFER]?      |          |
| V65 | M1_3 | If yes, What is the total value of [TRANSFER] received in the past 12 months? |          |

total: 4

**Data file: anon\_module\_o**

Cases: 0

variables: 3

**variables**

| ID  | Name | Label  | Question |
|-----|------|--|----------|
| V66 | hhid | Unique household identifier  |          |
| V67 | O3_a | What was the total area of land available in the last 12 months (surface)?       |          |
| V68 | O3_b | What is the total area of land available in the last 12 months (unit of measurem |          |

total: 3

**Data file: anon\_module\_w**

Cases: 0

variables: 3

**variables**

| ID  | Name | Label  | Question |
|-----|------|--|----------|
| V69 | hhid | Unique household identifier  |          |
| V70 | W1_1 | To what extent can members of this community influence the public sector to prov |          |
| V71 | W1_2 | How is the decision-making process in respondent's community?                    |          |

total: 3

**Data file: anon\_module\_y**

|            |    |
|------------|----|
| Cases:     | 0  |
| variables: | 10 |

**variables**

| ID  | Name   | Label  | Question |
|-----|--------|--|----------|
| V72 | hhid   | Unique household identifier  |          |
| V73 | Y2_101 | In the past seven days, how many days did your household members eat [Cereals, G |          |
| V74 | Y2_102 | In the past seven days, how many days did your household members eat [Pulses/leg |          |
| V75 | Y2_103 | In the past seven days, how many days did your household members eat [Vegetables |          |
| V76 | Y2_104 | In the past seven days, how many days did your household members eat [Fruits]?   |          |
| V77 | Y2_105 | In the past seven days, how many days did your household members eat [Meats and  |          |
| V78 | Y2_106 | In the past seven days, how many days did your household members eat [Milk and m |          |
| V79 | Y2_107 | In the past seven days, how many days did your household members eat [Oils,fats, |          |
| V80 | Y2_108 | In the past seven days, how many days did your household members eat [Sweets]?   |          |
| V81 | Y2_109 | In the past seven days, how many days did your household members eat [Spices, co |          |

total: 10

**Data file: anon\_module\_z**

Cases: 0

variables: 4

**variables**

| ID  | Name | Label  | Question |
|-----|------|--|----------|
| V82 | hhid | Unique household identifier  |          |
| V83 | Z1_1 | Can you tell me how many associations you are a member of?                       |          |
| V84 | Z1_2 | How many associations can you count on if you need them?                         |          |
| V85 | Z1_3 | Do you think you can count on your RELATIVES if you need them? [For example, sen |          |

total: 4



**HHID: Unique household identifier****Data file:** anon\_module\_b**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

**INDID: Individual identifier****Data file:** anon\_module\_b**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 1010101 - 2782004 Format: Numeric

**B3: What is the relationship of (NAME) with the head of household?****Data file:** anon\_module\_b**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 13 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category               |
|-------|------------------------|
| 1     | Chef de ménage         |
| 2     | Epoux (se)             |
| 3     | Fils ou fille          |
| 4     | Beau fils/ belle-fille |
| 5     | Père ou mère           |
| 6     | Beau-père / belle-mère |
| 7     | Frère / sœur           |
| 8     | Demi-sœur/demi-frère   |
| 9     | Petit (e) fils / fille |
| 10    | Grand-parent           |
| 11    | Neveu / nièce          |
| 12    | Cousin                 |
| 13    | Pas lien de parenté    |

**B4A: When is (NAME)'s birthday? (day)****Data file:** anon\_module\_b**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 1 - 31 Format: Numeric

**B4B: When is (NAME)'s birthday? (month)****Data file:** anon\_module\_b**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 12 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category  |
|-------|-----------|
| 1     | Janvier   |
| 2     | Février   |
| 3     | Mars      |
| 4     | Avril     |
| 5     | Mai       |
| 6     | Juin      |
| 7     | Juillet   |
| 8     | Août      |
| 9     | Septembre |
| 10    | Octobre   |
| 11    | Novembre  |
| 12    | Décembre  |

**B4C: When is (NAME)'s birthday? (year)****Data file:** anon\_module\_b**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 1915 - 2017 Format: Numeric

**B5: Sex of (NAME)****Data file:** anon\_module\_b

## Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

## Questions and instructions

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### CATEGORIES

| Value | Category |
|-------|----------|
| 1     | Male     |
| 2     | Female   |

**C2\_11: What is the main source of water of the household?****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 13 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category                           |
|-------|------------------------------------|
| 1     | Running water at home              |
| 2     | Public taps (or standpipes)        |
| 3     | Tubed wells or boreholes           |
| 4     | Protected dug wells                |
| 5     | Protected sources                  |
| 6     | Rainwater                          |
| 7     | Unprotected dug wells              |
| 8     | Unprotected source                 |
| 9     | The cart surmounted by a small res |
| 10    | The tank truck                     |
| 11    | Surface waters (watercourse, dam)  |
| 12    | Bottled water                      |
| 13    | Other water                        |

**C5B\_A: From here, how many minutes (one way only) does it take to reach the nearest Sch****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 206 Format: Numeric

**C5B\_B: From here, how many minutes (one way only) does it take to reach the nearest Hea****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 1010 Format: Numeric

**C5B\_C: From here, how many minutes (one way only) does it take to reach the nearest Hos****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 750 Format: Numeric

**C5B\_D: From here, how many minutes (one way only) does it take to reach the nearest Pub****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 750 Format: Numeric

**C5B\_E: From here, how many minutes (one way only) does it take to reach the nearest Agr****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 750 Format: Numeric

**C5B\_F: From here, how many minutes (one way only) does it take to reach the nearest Tra****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 180 Format: Numeric

**C5C\_A: From here, how do you usually reach the nearest School?****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 1     | On foot  |
| 2     | By cart  |
| 3     | By car   |

|   |                               |
|---|-------------------------------|
| 5 | Other means of transportation |
|---|-------------------------------|

### HHID: Unique household identifier

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

### C1: If you had sold the house, how much would you think to get on the market?

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0  
 Type: Continuous Decimal: 2 Width: 8 Range: 7000 - 60000000 Format: Numeric

### C5C\_B: From here, how do you usually reach the nearest Health center?

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

#### Questions and instructions

#### CATEGORIES

| Value | Category                      |
|-------|-------------------------------|
| 1     | On foot                       |
| 2     | By cart                       |
| 3     | By car                        |
| 4     | By motorbyke                  |
| 5     | Other means of transportation |

### C5C\_C: From here, how do you usually reach the nearest Hospital?

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

## Questions and instructions

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### CATEGORIES

| Value | Category                      |
|-------|-------------------------------|
| 1     | On foot                       |
| 2     | By cart                       |
| 3     | By car                        |
| 4     | By motorbyke                  |
| 5     | Other means of transportation |

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### **C5C\_D: From here, how do you usually reach the nearest Public transport?**

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

## Questions and instructions

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### CATEGORIES

| Value | Category                      |
|-------|-------------------------------|
| 1     | On foot                       |
| 2     | By cart                       |
| 3     | By car                        |
| 4     | By motorbyke                  |
| 5     | Other means of transportation |

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### **C5C\_E: From here, how do you usually reach the nearest Agricultural Market?**

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

## Questions and instructions

---

### CATEGORIES

| Value | Category |
|-------|----------|
| 1     | On foot  |
| 2     | By cart  |

|   |                               |
|---|-------------------------------|
| 3 | By car                        |
| 4 | By motorbyke                  |
| 5 | Other means of transportation |

### C5C\_F: From here, how do you usually reach the nearest Traditional healer?

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

#### Questions and instructions

##### CATEGORIES

| Value | Category                      |
|-------|-------------------------------|
| 1     | On foot                       |
| 2     | By cart                       |
| 3     | By car                        |
| 4     | By motorbyke                  |
| 5     | Other means of transportation |

### C3: What is the main electricity source for the household?

Data file: anon\_module\_c

#### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 9 Format: Numeric

#### Questions and instructions

##### CATEGORIES

| Value | Category       |
|-------|----------------|
| 0     | No lighting    |
| 1     | Electricity    |
| 2     | Generator      |
| 3     | Petroleum lamp |
| 4     | Gas Lamp       |
| 5     | Grass          |
| 6     | Candles        |
| 7     | Torch          |

|   |                 |
|---|-----------------|
| 8 | Solar Energy    |
| 9 | other [Specify] |

#### C4: What is the principal type of toilet used by the household?

Data file: anon\_module\_c

##### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 5 Format: Numeric

##### Questions and instructions

##### CATEGORIES

| Value | Category             |
|-------|----------------------|
| 0     | No toilet facilities |
| 1     | Latrine              |
| 2     | Flush toilet         |
| 3     | Cuvette              |
| 4     | Public toilets       |
| 5     | Other (specify)      |

#### MOTOR\_VEHICLE: How many [Motor vehicles (car, van, truck)] the household or a member of the household owns?

Data file: anon\_module\_c

##### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 10 Format: Numeric

#### MOTO: How many [Motorbikes / motor rickshaws] the household or a member of the household owns?

Data file: anon\_module\_c

##### Overview

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 10 Format: Numeric

#### BIKE: How many [Bikes] the household or a member of the household owns?

Data file: anon\_module\_c

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 0 - 8 Format: Numeric

---

**CART: How many [Carts] (not for agricultural production)] the household or a member of**

**Data file:** anon\_module\_c

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 0 - 15 Format: Numeric

---

**BOAT: How many [Boats] the household or a member of the household owns?**

**Data file:** anon\_module\_c

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 0 - 8 Format: Numeric

---

**TV: How many [Televisions / satellite dishes] the household or a member of the house**

**Data file:** anon\_module\_c

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 0 - 8 Format: Numeric

---

**RADIO: How many [Radios / transistors] the household or a member of the household owns?**

**Data file:** anon\_module\_c

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 0 - 8 Format: Numeric

---

**MOBILE: How many [Mobiles] the household or a member of the household owns?**

**Data file:** anon\_module\_c

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Decimal: 2 Width: 8 Range: 0 - 18 Format: Numeric

---

**BED: How many [Beds] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 2    Width: 8    Range: 0 - 16    Format: Numeric

---

**BLANKET: How many [Blankets] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 2    Width: 8    Range: 0 - 20    Format: Numeric

---

**MATTRESS: How many [Mattresses] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 2    Width: 8    Range: 0 - 20    Format: Numeric

---

**MOSQNET: How many [Chairs / Benchs / Stools] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 2    Width: 8    Range: 0 - 20    Format: Numeric

---

**POTS: How many [Pots] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 2    Width: 8    Range: 0 - 20    Format: Numeric

---

**JUG: How many [Water jugs with lid] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0    Invalid: 0  
 Type: Discrete    Decimal: 2    Width: 8    Range: 0 - 20    Format: Numeric

**TABLE: How many [Tables] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 2 Width: 8 Range: 0 - 8 Format: Numeric

---

**LAMP: How many [Lamps] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 2 Width: 8 Range: 0 - 20 Format: Numeric

---

**CHAIR: How many [Mosquito nets] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 2 Width: 8 Range: 0 - 10 Format: Numeric

---

**JERRYCAN: How many [Jerrycans for storing drinking water] the household or a member of the****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0  
Type: Continuous Decimal: 2 Width: 8 Range: 0 - 50 Format: Numeric

---

**JEWELRY: How many [Jewelry] the household or a member of the household owns?****Data file:** anon\_module\_c**Overview**

Valid: 0 Invalid: 0  
Type: Discrete Decimal: 2 Width: 8 Range: 0 - 20 Format: Numeric

---

**HHID: Unique household identifier****Data file:** anon\_module\_d**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

**INDID: Individual identifier****Data file:** anon\_module\_d**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 1010101 - 2782004 Format: Numeric

**D1: Can [NAME] read?****Data file:** anon\_module\_d**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

**D2: Can [NAME] write?****Data file:** anon\_module\_d**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

**D3A: Did [NAME] attend the Koranic school or Mahadra?**

Data file: anon\_module\_d

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

**D3B: Did [NAME] attend formal school?**

Data file: anon\_module\_d

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

**D4: What is the highest level that you achieved in formal education?**

Data file: anon\_module\_d

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 999 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category             |
|-------|----------------------|
| 1     | Daycare/Kindergarten |

|     |  |
|-----|--|
| 2   | Incomplete primary                             |
| 3   | Full Primary                                   |
| 4   | Incomplete College                             |
| 5   | Full College                                   |
| 6   | Incomplete high school                         |
| 7   | Full school                                    |
| 8   | Incomplete licence                             |
| 9   | Full Licence                                   |
| 10  | Full Master                                    |
| 11  | Incomplete Master                              |
| 12  | Full Doctorate                                 |
| 13  | Incomplete doctorate                           |
| 14  | Diploma of technical and professional training |
| 999 | Does not apply                                 |

**HHID: Unique household identifier****Data file:** anon\_module\_f1**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

**F1\_1: Food item****Data file:** anon\_module\_f1**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 101 - 161 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category                          |
|-------|-----------------------------------|
| 101   | Mil                               |
| 102   | Wheat                             |
| 103   | Corn (on the cob)                 |
| 104   | Rice                              |
| 105   | Wheat flour                       |
| 106   | Corn flour                        |
| 107   | Millet flour                      |
| 108   | Pasta                             |
| 109   | Sorghum                           |
| 110   | Bread                             |
| 111   | Biscuits / Cakes / Pastries       |
| 112   | White potatoes                    |
| 113   | Cassava or Yams                   |
| 114   | White sweet potatoes              |
| 115   | Mutton                            |
| 116   | Goat meat                         |
| 117   | Camel meat (any part)             |
| 118   | Beef                              |
| 119   | Fresh fish                        |
| 120   | Liver, feet, intestines of cattle |
| 121   | Chickens and poultry              |
| 122   | Dried meat                        |
| 123   | Dried fish                        |

|     |                         |
|-----|-------------------------|
| 124 | Other meats (wild meat) |
| 125 | Milk                    |
| 126 | Eggs                    |
| 127 | Butter                  |
| 128 | Cooking oil             |
| 129 | Banana                  |
| 130 | Oranges                 |
| 131 | Mango                   |
| 132 | Lemon                   |
| 133 | Dates                   |
| 134 | Watermelon              |
| 135 | Apples                  |
| 136 | Melon                   |
| 137 | Jubjub                  |
| 138 | Peanuts                 |
| 139 | Green beans             |
| 140 | Lenses                  |
| 141 | Cowpea                  |
| 142 | Eggplants               |
| 143 | Carrots                 |
| 144 | Zucchini                |
| 145 | Okra                    |
| 146 | Onions                  |
| 147 | Fresh tomatoes          |
| 148 | Potato leaves           |
| 149 | Pumpkin                 |
| 150 | Tomato sauce            |
| 151 | Cabbage                 |
| 152 | Bean leaves             |
| 153 | Dark green lettuce      |
| 154 | Turnip                  |
| 155 | Sugar                   |
| 156 | Natural honey           |
| 157 | Halwa                   |
| 158 | Spices(pepper,chili...) |
| 159 | Coffee                  |
| 160 | Tea                     |
| 161 | Local Mineral water     |

**F1\_2: Have your household members eaten [FOOD] in the last seven days?**

Data file: anon\_module\_f1

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

**F1\_4A: How much [FOOD] did you buy in the last 7 days? (Quantity)**

Data file: anon\_module\_f1

**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0.2 - 100000 Format: Numeric

**F1\_4B: How much [FOOD] did you buy in the last 7 days? (Unit)**

Data file: anon\_module\_f1

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 7 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category                    |
|-------|-----------------------------|
| 1     | Piece / times / units / Box |
| 2     | Gram                        |
| 3     | Kilogram                    |
| 4     | Liter                       |
| 5     | Ounce                       |
| 6     | Glass of milk               |
| 7     | Mouids                      |

**F1\_5: How much did you pay in total?**

**Data file:** anon\_module\_f1

**Overview**

Valid: 0    Invalid: 0

Type: Continuous    Decimal: 2    Width: 8    Range: 0 - 112000    Format: Numeric

---

**HHID: Unique household identifier****Data file:** anon\_module\_1**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

**L1: In the past 12 months, have you or someone in your household borrowed, asked for****Data file:** anon\_module\_1**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

**L2: How much did you get from this loan (MRO)?, imputed****Data file:** anon\_module\_1**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 500 - 1270000 Format: Numeric

**L3: Do your household have a past debit (contracted before than 12 months) that you****Data file:** anon\_module\_1**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

**L4: If yes, how much do you still have to pay (MRO)?, imputed**

Data file: anon\_module\_1

**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 380 - 4000000 Format: Numeric

---

**HHID: Unique household identifier****Data file:** anon\_module\_m1**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10105 - 27309 Format: Numeric

**M1: Received transfers identifier****Data file:** anon\_module\_m1**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 11 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category   |
|-------|--|
| 1     | Cash for work  |
| 2     | Unconditional cash transfer                          |
| 3     | Remittances (from migrant)                           |
| 4     | Heritage   |
| 5     | Other cash donations                                 |
| 6     | Free work  |
| 7     | Free use of oxen, plough or working animals          |
| 8     | Community contribution -cash- for specific objective |
| 9     | Temporary milking, livestock loans                   |
| 10    | Dowry  |
| 11    | Clan contribution -species- for specific purpose     |

**M1\_2: In the past 12 months, has anyone in your household received [TRANSFER]?****Data file:** anon\_module\_m1**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
|-------|----------|

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

**M1\_3: If yes, What is the total value of [TRANSFER] received in the past 12 months?****Data file:** anon\_module\_m1**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 34 - 800000000 Format: Numeric

**HHID: Unique household identifier****Data file:** anon\_module\_o**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

**O3\_A: What was the total area of land available in the last 12 months (surface)?****Data file:** anon\_module\_o**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 0 - 18000000 Format: Numeric

**O3\_B: What is the total area of land available in the last 12 months (unit of measurement)?****Data file:** anon\_module\_o**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category      |
|-------|---------------|
| 1     | Hectares      |
| 2     | Square meters |

**HHID: Unique household identifier****Data file:** anon\_module\_w**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

**W1\_1: To what extent can members of this community influence the public sector to prov****Data file:** anon\_module\_w**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category          |
|-------|-------------------|
| 1     | To a great extent |
| 2     | To some extent    |
| 3     | To a small extent |
| 4     | Not at all        |

**W1\_2: How is the decision-making process in respondent's community?****Data file:** anon\_module\_w**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category   |
|-------|--|
| 1     | On the basis of mutual agreement between all men and women   |
| 2     | Based on mutual agreement but with less participation of wom |
| 3     | On the basis of participation, but without agreement         |
| 4     | Driven by the elite or the leader                            |

**HHID: Unique household identifier****Data file:** anon\_module\_y**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10101 - 27820 Format: Numeric

**Y2\_101: In the past seven days, how many days did your household members eat [Cereals, G****Data file:** anon\_module\_y**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_102: In the past seven days, how many days did your household members eat [Pulses/leg****Data file:** anon\_module\_y**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_103: In the past seven days, how many days did your household members eat [Vegetables****Data file:** anon\_module\_y**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_104: In the past seven days, how many days did your household members eat [Fruits]?****Data file:** anon\_module\_y**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_105: In the past seven days, how many days did your household members eat [Meats and****Data file:** anon\_module\_y**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_106: In the past seven days, how many days did your household members eat [Milk and m****Data file: anon\_module\_y****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_107: In the past seven days, how many days did your household members eat [Oils,fats,****Data file: anon\_module\_y****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_108: In the past seven days, how many days did your household members eat [Sweets]?****Data file: anon\_module\_y****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**Y2\_109: In the past seven days, how many days did your household members eat [Spices, co****Data file: anon\_module\_y****Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 7 Format: Numeric

**HHID: Unique household identifier****Data file:** anon\_module\_z**Overview**

Valid: 0 Invalid: 0

Type: Continuous Decimal: 2 Width: 8 Range: 10102 - 27617 Format: Numeric

**Z1\_1: Can you tell me how many associations you are a member of?****Data file:** anon\_module\_z**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 5 Format: Numeric

**Z1\_2: How many associations can you count on if you need them?****Data file:** anon\_module\_z**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 5 Format: Numeric

**Z1\_3: Do you think you can count on your RELATIVES if you need them? [For example, sen****Data file:** anon\_module\_z**Overview**

Valid: 0 Invalid: 0

Type: Discrete Decimal: 2 Width: 8 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

| Value | Category |
|-------|----------|
| 0     | No       |
| 1     | Yes      |

# study\_resources

## questionnaires

### Household Characteristics, Income and Expenditure Survey 2017, Questionnaire

---

title Household Characteristics, Income and Expenditure Survey 2017, Questionnaire  
country Mauritania  
language English  
filename Mauritania\_survey\_2.xlsx

---

## reports

### Analyser la résilience pour mieux cibler et agir, Rapport d'Analyse de la Résilience

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title Analyser la résilience pour mieux cibler et agir, Rapport d'Analyse de la Résilience  
country Mauritania  
language French  
filename Report.pdf

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