

# Micro Enterprise Survey 2022

**World Bank Group (WBG)**

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## Identification

SURVEY ID NUMBER  
MDG\_2022\_MES\_v01\_M

TITLE  
Micro Enterprise Survey 2022

ABBREVIATION OR ACRONYM  
MES 2022

COUNTRY

Name	Country code
Madagascar	MDG

STUDY TYPE  
Enterprise Survey [en/oth]

ABSTRACT  
The Micro Enterprise Surveys (MES) implemented in Madagascar between March and December 2022. The MES collect both objective data based on firms' day-to-day experiences, and perceptions of enterprises regarding the business environment in which they operate.

KIND OF DATA  
Sample survey data [ssd]

UNIT OF ANALYSIS  
- Firms

## Scope

NOTES

The 2022 Madagascar Micro Enterprise Survey covered the following topics:

- General information of firms
- Infrastructure and services
- Sales and supplies
- Business practices
- Degree of competition
- Capacity
- Land and permits
- Crime
- Finance
- Business-Government relations
- Labor
- Business environment
- Performance

## Coverage

GEOGRAPHIC COVERAGE  
National coverage

UNIVERSE

The universe of inference includes all formal (i.e., registered) private sector businesses (with at least 1% private ownership) and with at least five employees. In terms of sectoral criteria, all manufacturing businesses (ISIC Rev 3.1. codes 15-37) are eligible; for services businesses, those corresponding to the ISIC Rev 3.1 codes 45, 50-52, 55, 60-64, and 72 are included in

the Micro Enterprise Surveys. Cooperatives and collectives are excluded from the Micro Enterprise Surveys. All eligible establishments must be registered with the registration agency. In the case of Madagascar, the definition of registration with INSTAT or EDBM was used.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
World Bank Group (WBG)

### FUNDING AGENCY/SPONSOR

Name	Abbreviation
World Bank Group	WBG

## Sampling

### SAMPLING PROCEDURE

The MES use stratified random sampling, where the population of establishments is first separated into non-overlapping groups, called strata, and then respondents are selected through simple random sampling from each stratum. The detailed methodology is provided in the Sampling Note.<sup>1</sup> Stratified random sampling has several advantages over simple random sampling. In particular, it:

- produces unbiased estimates of the whole population or universe of inference, as well as at the levels of stratification
- ensures representativeness by including observations in all of those categories
- produces more precise estimates for a given sample size or budget allocation, and
- may reduce implementation costs by splitting the population into convenient subdivisions.

The MES typically use two levels of stratification: industry classification, and subnational region (used in combination). Starting in 2022, the MES bases the industry classification on ISIC Rev. 4 (with earlier surveys using ISIC Rev. 3.1). For regional coverage within a country, the MES has national coverage.

Note: Refer to Sampling Structure section in "The Madagascar 2022 Micro Enterprise Survey Implementation Report" for detailed methodology on sampling.

### RESPONSE RATE

Overall survey response rate was 31.9%.

### WEIGHTING

Since the MES uses stratified random sampling, individual observations should be properly weighted when making inferences about the population, since unweighted estimates are biased unless sample sizes are proportional to the size of each stratum. For each MES, special care is given to correctly compute sampling weights. Whenever the Universe is used to draw the sample (i.e., Sampling Frame is the same as the Universe) it is imperative to accurately adjust the universe within each stratum to account for the presence of ineligible establishments (e.g., the firm discontinued businesses, or is deemed ineligible due to its business activity or having fewer than five employees). Proper treatment of panel establishments is also crucial. Details about how the WBES sampling weights are calculated are given in the Sampling Note section of "The Madagascar 2022 Micro Enterprise Survey Implementation Report".

Three versions of sampling weights are calculated, depending on the assumptions that determine eligibility of establishments to be counted towards the WBES universe.

## Data collection

### DATES OF DATA COLLECTION

Start	End
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2022-03

2022-12

**DATA COLLECTION MODE**

Face-to-face [f2f]

**DATA COLLECTION NOTES**

Detailed information on the WBES methodology and data collection is provided in the Enterprise Surveys Manual and Guide (<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Enterprise-Surveys-Manual-and-Guide.pdf>). The interviews for the Madagascar 2022 MES were conducted between March and December 2022. The interviews were conducted in the following languages: English, Malagasy, and French. For monetary variables, the currency was Malagasy Ariary.

The fieldwork for the Madagascar 2022 MES was implemented by Dahlberg Research.

## questionnaires

**QUESTIONNAIRES**

The questionnaire implemented in the Madagascar 2022 WBES included additional questions covering management practices, worker skills, and technology adoption. These questions were selected in collaboration with the members of the WB local country team.

## data\_processing

**METHODOLOGY NOTES**

The MES datafiles are organized in ways that reflect the corresponding questionnaire. The variables that are standard across countries have the first letter in their name correspond to the questionnaire section where the variable belongs in the questionnaire, i.e., a1 denotes section A. The variables that are country or region specific are generally named using a prefix in capital letters. These country-specific variables are generally not available beyond the specific country or region where they were implemented. For the Madagascar 2022 MES, these variables use prefixes MG. All variables are numeric with the exception of those variables with an "x" at the end of their names. The suffix "x" denotes that the variable is alpha-numeric.

The MES datafiles contain two establishment identifiers, idstd and id. The former is a global unique identifier of each establishment, while the latter is unique identifier within each survey. The variable idstd can be used to match the WBES establishment one-to-one across databases. The variables wweak, wmedian, and wstrong corresponding to sampling weights based on, respectively, weak, median, and strong assumptions about eligibility (see Section III.6 of "The Madagascar 2022 Micro Enterprise Survey Implementation Report"). The variable strata corresponds to the stratum of each observation.

Additionally, the MES datafiles contain many standard variables. The variable d1a2\_v4 denotes the main activity of the establishment, as obtained during the WBES interview, coded in the four-digit ISIC Rev. 4. Users should note that this activity may differ from the industry classification given in the Sampling Frame, a4a. Users are generally advised to use industry categories based on the realized information in d1a2\_v4. Additional sampling information is contained in variables a2 (region) and a6a (size). The variable panel identifies panel establishments, there are no panel establishments in Madagascar 2022. The combination of a4a, a2, a6a, and panel forms stratum of each establishment, which is contained in variable strata.

The last complete fiscal year for each establishment is contained in variables a20m (last month of last complete fiscal year) and a20y (last complete fiscal year).

Note that when an entry in the MES database is empty, this means that the question was not asked to the corresponding respondent. This happens when the question is deemed inapplicable, due to skip patterns or other reasons. In cases when the question was posed, some entry is provided, including don't know, which is an example of item non-response.

## Access policy

**CONTACTS**

Name	Affiliation	Email
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Enterprise Analysis Unit	World Bank Group	enterprisesurveys@worldbank.org
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## CITATION REQUIREMENTS

The World Bank Group. Madagascar - Micro Enterprise Survey (MES) 2022, MDG\_2022\_MES\_v01\_M. Dataset downloaded from <https://www.enterprisesurveys.org/en/data> on [date].

## Disclaimer and copyrights

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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\_MDG\_2022\_MES\_v01\_M\_WB

## PRODUCERS

Name	Abbreviation	Affiliation	Role
Development Data Group	DECDG	World Bank	Documentation of the study

## DATE OF METADATA PRODUCTION

2025-02-05

## DDI DOCUMENT VERSION

Version 01 (February 2025)

**data\_dictionary**

Data file	Cases	variables
<b>MadagascarMicro-2022-full-data.dta</b> Madagascar 2022 Micro Enterprise Survey full data	612	213



**Data file: MadagascarMicro-2022-full-data.dta**

Madagascar 2022 Micro Enterprise Survey full data

Cases: 612

variables: 213

**variables**

ID	Name	Label	Question
V2	idstd	WEB STD FIRMID	
V3	id	Firm ID	
V4	a4a	Industry Sampling Sector	
V5	a6a	Sampling Size	
V6	a6b	Screeners Size, Categorical	
V7	a2	Sampling Region	
V8	a4b_v4	Industry Screener Sector	
V9	a0	Questionnaire	
V10	a3a	Region of The Establishment	
V11	a6c	Screeners Size	
V12	a14d	Day	
V13	a14m	Month	
V14	a14y	Year	
V15	a14h	Hour	
V16	a14min	Minutes	
V17	a1	Country Code	
V18	a12	Interviewer NuMGber	
V19	a1a	Language of The Interview	
V20	MGr1	Establishment keeps written business records of its costs and sales?	
V21	a20y	Close Year of The Last Completed Fiscal Year	
V22	a20m	Close Month of The Last Completed Fiscal Year	
V23	a20d	Close Day of The Last Completed Fiscal Year	
V24	b1	Legal Status of The Firm	
V25	b1x	Other (Specify)	
V26	b3	What Percentage of This Firm Does The Largest Owner(S) Own?	
V27	b3a	Is the largest owner also the top manager	
V28	b4	Amongst The Owners of The Firm, Are There Any Females?	
V29	b4a	% of The Firm Owned By Females	
V30	MGb1	Establishment part of a firm that has multiple locations?	
V31	b5	Year Establishment Began Operations	
V32	b6b	In What Year Was This Establishment Formally Registered?	
V33	MGb3	Main Owner Start this Establishment?	
V34	MGb4	How did Main Owner Acquire Establishment?	
V35	MGb5	Main Reasons for Starting Establishment?	
V36	MGb5x	Other (Specify)	
V37	MGb6	Main Source of Funding To Start Or Acquire This Business Or Activity	
V38	MGb7	Owner's Occupation Prior To This Business Or Activity	



ID	Name	Label	Question
V39	MGb8	Num. of Years Lived In This City	
V40	MGb12	Owner Highest Level of Completed Education	
V41	MGb9	Num. of Household MeMGbers of The Owner	
V42	MGb10	Owner Currently Has A Full-Time Job With Wage?	
V43	MGb11	Owner Would Leave Current Business If Offered Full-Time Employment With Regular	
V44	b7	How Many Years of Experience Working In This Sector Does The Top Manager Have?	
V45	b7a	Is The Top Manager Female?	
V46	c3	Application To Obtain An Electrical Connection Submitted Over The Last 2 Years	
V47	c5	Informal Gift/Payment Expected or Requested For An Electrical Connection?	
V48	c6	Over Last FY, Did This Establishment Experience Power Outages?	
V49	c7	NuMGber of Power Outages Experienced In A Typical Month In Last Fiscal Year	
V50	c8a	Average Duration of Power Outages: Hours	
V51	c8b	Average Duration of Power Outages: Minutes	
V52	c9a	In Last FY, Losses As % of Annual Sales Due To Power Outages	
V53	c9b	In Last FY, Value of Losses Due To Power Outages	
V54	c10	Generator Shared or Owned Over The Course of Last Fiscal Year?	
V55	c11	% Electricity From Generator Owned/Shared By The Establishment In Last FY	
V56	c12	Application To Obtain A Water Connection Submitted Over The Last 2 Years	
V57	c14	When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?	
V58	c15	Did You Experience Insufficient Water Supply For Production In Last FY?	
V59	MGc44b	Last FY, Establishment Shared: Equipment/Tools	
V60	MGc44c	Last FY, Establishment Shared: Machineries	
V61	MGc43a	Establishment Presently Uses: Internet	
V62	MGc43c	Establishment Presently Uses: Social Media	
V63	MGc43d	Establishment Presently Uses: Platforms To Sell Only	
V64	MGc43e	Establishment Presently Uses: Platforms To Buy Only	
V65	COVir1a	Establishment start/increase business activity online due to COVID-19?	
V66	COVir1b	Establishment changed business location due to COVID-19?	
V67	COVir1c	Establishment changed products sold or services rendered due to COVID-19?	
V68	COVir1d	Establishment adapted no contact/contactless sales method due to COVID-19?	
V69	c30a	How Much of An Obstacle: Electricity To Operations of This Establishment?	
V70	d1a1a	Establishment'S Main Product/Service Last FY	
V71	d1a1x	Main Product/Service (By The Largest % of Annual Sales) In Last Fiscal Year	
V72	d2	In Last Fiscal Year, What Were This Establishmentâ€™S Total Annual Sales?	
V73	d2x	Please Also Write Out The NuMGber	
V74	COVd1a	Change in sales for the last month compared with January 2020	
V75	COVd1b	Increased by how much, percent	
V76	COVd1c	Decreased by how much, percent	
V77	n3	What Were The Establishment Sales 3 Years Ago	
V78	MGd3	Does This Business Sell or Provide Services To Other Businesses?	
V79	d3	Last FY, Did This Business Export Directly or Indirectly?	
V80	d12a	% of Material Inputs And Supplies of Domestic origin In Last Fiscal Year	
V81	d12b	% of Material Inputs And Supplies of Foreign origin In Last Fiscal Year	

ID	Name	Label	Question
V82	MGd4	Last Month, What Were This Establishment's Total Sales?	
V83	MGd6	Regular Month Last Year, What Were This Establishment's Sales?	
V84	MGd7	What Were This Establishment's Sales In Month With Lowest Sales Last Year?	
V85	MGd8	What Were This Establishment's Sales In Month With Lowest Sales Last Year?	
V86	ir1a	Visited Competitors To See What Products They Have Available For Sale	
V87	ir1b	Asked Customers Whether Any Other Products This Establishment Sell Or Produce	
V88	ir1c	Talked With Former Customers To Find Out Why They Have Stopped Buying	
V89	ir1d	Used Any Special offer To Attract Customers	
V90	ir1e	Asked Suppliers Which Products Are Selling Well	
V91	ir2	Attempted To Negotiate With Supplier For A Lower Price	
V92	ir3	Frequency This Business Or Activity Runs Out of Stock of Inventories Or Raw Mate	
V93	ir6	Has A Written Budget For Montly Costs	
V94	ir7	Has A Target For Sales Over The Next Year	
V95	ir8	Frequently This Business Or Activity Compares Actual Sales To Target	
V96	ir9	Made A Budget of The Costs For Next Year	
V97	ir10	Prepares A Profit And Loss State At Least Once A Year	
V98	e11	Does This Establishment Compete Against Unregistered or Informal Firms?	
V99	e30	How Much of An Obstacle: Practices of Competitors In Informal Sector?	
V100	MGf2	NuMGber of Hours Per Week Operated By The Establishment In Last Fiscal Year	
V101	COVb1a	Did Establishment Close Temporarily Due to COVID-19 Outbreak?	
V102	COVb1b	Weeks this establishment was closed for due to the COVID-19 outbreak	
V103	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	
V104	g4	Informal Gift/Payment Expected or Requested For A Construction-Related Permit	
V105	g5a	What Is The Total Selling Area In This Establishment?	
V106	g5b	The Area Is Measured In:	
V107	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	
V108	g30a	How Much of An Obstacle: Access To Land?	
V109	i1	In Last FY, Did This Establishment Pay For Security?	
V110	i2a	Percentage of Total Annual Sales Paid For Security In Last Fiscal Year	
V111	i2b	In Last Fiscal Year, What Is The Total Annual Cost of Security?	
V112	i3	Losses Due To Theft, Robbery, Vandalism or Arson Experienced In Last Fiscal Year	
V113	i4a	Losses Due To Theft, Robbery, Vandalism or Arson In Last FY (% of Sales)	
V114	i4b	Value of Losses Due To Theft, Robbery, Vandalism or Arson In Last FY	
V115	i30	How Much of An Obstacle: Crime, Theft And Disorder?	
V116	ik4b	Financial Source For Day-To-Day Operations: Moneylenders	
V117	ik4c	Financial Source For Day-To-Day Operations: Microfinance Institutions or Non-ban	
V118	ik4d	Financial Source For Day-To-Day Operations: Banks	
V119	ik4e	Financial Source For Day-To-Day Operations: Friends Or Relatives	
V120	ik3b	Last FY, Bought Inputs On Credit?	
V121	ik3c	Last FY, Received Advances From Customers?	
V122	ik5	Last FY, Sold Goods or Services On Credit?	
V123	MGk5a	Last FY, Bought Any Machinery Or Equipment, Vehicles Or Other Means of Transport	
V124	MGk7a	Last FY, Amount Spent on Machinery & Equipment?	
V125	MGk7b	Last FY, Amount Spent on Vehicles & Other Means of Transport?	
V126	ik8b	Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Moneylenders	

ID	Name	Label	Question
V127	ik8c	Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Microfinance	
V128	ik8d	Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Banks	
V129	ik8e	Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Friends Or Re	
V130	MGk40	Establishment Presently Has Checking / Savings Account	
V131	ik11	Owner uses a separate bank account for the household?	
V132	ik11a	Uses Mobile Money	
V133	ik11b	Uses Mobile Money To Pay Suppliers	
V134	ik11c	Uses Mobile Money To Save	
V135	ik11d	Uses Mobile Money To Pay Utility Bills	
V136	ik11e	Uses Mobile Money To Receive Payments From Customers	
V137	ik11f	Uses Mobile Money To Pay Loans	
V138	k8	Establishment Has A Line of Credit or Loan From A Financial Institution?	
V139	k9	Type of Financial Institution That Granted The Line of Credit or Loan	
V140	k13	Financing Required For The Most Recent Line of Credit or Loan	
V141	k14a	Type of Collateral Required For The Most Recent Loan? Land, Buildings	
V142	k14b	Type of Collateral Required For The Most Recent Loan? Equipment	
V143	k14c	Type of Collateral Required For The Most Recent Loan? Accounts	
V144	k14d	Type of Collateral Required For The Most Recent Loan? Personal Assets	
V145	k14e	Type of Collateral Required For The Most Recent Loan? Other	
V146	k15d	Outstanding Personal Loans Used To Finance Establishment'S Business Activities?	
V147	k16	In Last FY, Did Establishment Apply For New Loans/Lines of Credit?	
V148	k17	Main Reason For Not Applying For New Loans or New Lines of Credit	
V149	k20a1	What Was The Outcome of That Most Recent Application For Loan/Line of Credit?	
V150	h7a	The Court System Is Fair, Impartial And Uncorrupted	
V151	j2	What % of Senior Management Time Was Spent In Dealing With Govt Regulations?	
V152	j3	Over The Last 12 Months, Was This Establishment Inspected By Tax officials?	
V153	j5	In Any of These Inspections Was A Gift/Informal Payment Requested ?	
V154	j10	Application To Obtain An Import License Submitted Over The Last 2 Years?	
V155	j12	When You Applied For An Import License, Was An Informal Gift/Payment Requested?	
V156	j13	Application To Obtain An Operating License Submitted Over Last 2 Years?	
V157	j14	How Many Days Did It Take To Obtain Your Operating License?	
V158	j15	When You Applied For Operating License Was An Informal Gift/Payment Requested?	
V159	MGj31	What % of Labor Costs Do Establishments Like This One Report?	
V160	l1	Num. Permanent, Full-Time Employees At End of Last Fiscal Year	
V161	l2	Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago	
V162	l5	Num. Full-Time Employees At End of Last FY: Female	
V163	l6	Num. Full-Time Temporary Employees At End of Last FY	
V164	l6a	Female Temporary, Full-Time Workers Employed Throughout Last FY	
V165	l8	Avg. Length of Employment of All Full-Time Temporary Employees In Last FY	
V166	MGI1	Num. of People Who Worked Last Month	
V167	MGI3	Regular Month Last Year, NuMGber of People Working in This Business?	
V168	MGI4	Month Last Year With Highest NuMGber Of Workers, How Many People Working in This	

ID	Name	Label	Question
V169	MGI5	Month Last Year With Lowest NumGber Of Workers, How Many People Working in This	
V170	I30a	How Much of An Obstacle: Labor Regulations?	
V171	MGI40	What % of labor cost does this establishment report for the purposes of payroll	
V172	m1a	Biggest Obstacle Affecting The Operation of This Establishment	
V173	m1a_finance_pos	m1a: Position of Access to Finance	
V174	m1a_land_pos	m1a: Position of Access to land	
V175	m1a_permit_pos	m1a: Position of Business licensing and permits	
V176	m1a_corruption_pos	m1a: Position of corruption	
V177	m1a_courts_pos	m1a: Position of Courts	
V178	m1a_crime_pos	m1a: Position of Crime, theft and disorder	
V179	m1a_trade_pos	m1a: Position of Customs and trade regulations	
V180	m1a_electricity_pos	m1a: Position of Electricity	
V181	m1a_workforce_pos	m1a: Position of Inadequately educated workforce	
V182	m1a_labor_pos	m1a: Position of Labor regulations	
V183	m1a_instability_pos	m1a: Position of Political instability	
V184	m1a_informal_pos	m1a: Position of Practices of competitors in the informal sector	
V185	m1a_taxadmin_pos	m1a: Position of Tax administration	
V186	m1a_taxrate_pos	m1a: Position of Tax rates	
V187	m1a_transport_pos	m1a: Position of Transport	
V188	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	
V189	n2e	Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	
V190	MGn2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) Last Month	
V191	MGn2e	Cost of Raw Materials And Intermediate Goods Used In Prod. Last Month	
V192	MGn7	Cost For Establishment To Re-Purchase All of Its Machinery	
V193	MGn8	Cost of Finished Goods and Materials for Resale Last Month?	
V194	MGn9	Current Value of Inventory?	
V195	a15d	Day	
V196	a15m	Month	
V197	a15y	Year	
V198	a15h	Hour	
V199	a15min	Minutes	
V200	a16	Perception of The Questions Regarding Opinions And Perceptions	
V201	a17	Responses To The Questions About Figures Areâ€¦	
V202	a18	This Questionnaire Was Completed In:	
V203	a19h	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours	
V204	a19m	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes	
V205	a13	Supervisor NumGber	
V206	d1a2	Main Product/Service ISIC (Rev. 3.1) Code	
V207	stratificationregioncode	stratificationregioncode	
V208	stratificationsizecode	stratificationsizecode	
V209	stratificationsectorcode	stratificationsectorcode	
V210	stratificationpanelcode	panelcode	
V211	wstrict	Weight according to strict eligibility	
V212	wmedian	Weight according to median eligibility	
V213	wweak	Weight according to weak eligibility	

ID	Name	Label	Question
V214	strata	see notes	

total: 213



### A3A: Region of The Establishment

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 8  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Analamanga	125	20.4%
2	Anosy	77	12.6%
3	Atsimo Andrefana	71	11.6%
4	Atsinanana	68	11.1%
5	Boeni	55	9%
6	Diana	90	14.7%
7	Sava	91	14.9%
8	Vakinankaratra	35	5.7%

### A6C: Screener Size

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 7  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		560	91.5%
2		31	5.1%
3		12	2%
4		2	0.3%
5		6	1%
7		1	0.2%

### IDSTD: WEB STD FIRMID

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612    Invalid:    Minimum: 949267    Maximum: 949878  
 Type: Continuous    Decimal: 0    Width: 6    Range: 949267 - 949878    Format: Numeric

### ID: Firm ID

**Data file: MadagascarMicro-2022-full-data.dta**

## Overview

Valid: 612    Invalid:    Minimum: 12    Maximum: 77427  
 Type: Continuous    Decimal: 0    Width: 5    Range: 12 - 77427    Format: Numeric

### A4A: Industry Sampling Sector

**Data file: MadagascarMicro-2022-full-data.dta**

## Overview

Valid: 612    Invalid:    Minimum: 1    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Food	66	10.8%
2	Garments	68	11.1%
3	Other Manufacturing	74	12.1%
4	Retail	169	27.6%
5	Wholesale	79	12.9%
6	Other Services	156	25.5%

### A6A: Sampling Size

**Data file: MadagascarMicro-2022-full-data.dta**

## Overview

Valid: 612    Invalid:    Minimum: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 -    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		612	100%



1	Small	0	0%
2	Medium	0	0%
3	Large	0	0%

## A6B: Screener Size, Categorical

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Micro	605	98.9%
1	Small	7	1.1%
2	Medium	0	0%
3	Large	0	0%

## A2: Sampling Region

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Analamanga	126	20.6%
2	Anosy	77	12.6%
3	Atsimo Andrefana	71	11.6%
4	Atsinanana	68	11.1%
5	Boeni	55	9%
6	Diana	90	14.7%
7	Sava	90	14.7%
8	Vakinankaratra	35	5.7%

**A4B\_V4: Industry Screener Sector****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 15    Maximum: 72  
 Type: Discrete    Decimal: 0    Width: 2    Range: 15 - 72    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
15	Food	50	8.2%
16	Tobacco	1	0.2%
17	Textiles	2	0.3%
18	Garments	28	4.6%
19	Leather	2	0.3%
20	Wood	11	1.8%
21	Paper	0	0%
22	Publishing, printing, and Recorded media	1	0.2%
23	Refined petroleum product	0	0%
24	Chemicals	1	0.2%
25	Plastics & rubber	0	0%
26	Non metallic mineral products	6	1%
27	Basic metals	2	0.3%
28	Fabricated metal products	4	0.7%
29	Machinery and equipment (29-30)	1	0.2%
30		1	0.2%
31	Electronics (31-32)	1	0.2%
33	Precision instruments	0	0%
34	Transport machines (34-35)	1	0.2%
36	Furniture	5	0.8%
37	Recycling	2	0.3%
45	Construction Section F:	6	1%
50	Services of motor vehicles	11	1.8%
51	Wholesale	9	1.5%
52	Retail	346	56.5%
55	Hotel and restaurants: section H	23	3.8%
60	Transport Section I: (60-64)	65	10.6%
63		2	0.3%

64		4	0.7%
72	IT	27	4.4%

## A0: Questionnaire

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Manufacturing	119	19.4%
2	Retail services	303	49.5%
3	Other services	190	31%

## A14D: Day

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		19	3.1%
2		18	2.9%
3		18	2.9%
4		14	2.3%
5		21	3.4%
6		16	2.6%
7		30	4.9%
8		25	4.1%
9		17	2.8%
10		15	2.5%
11		26	4.2%

12		23	3.8%
13		23	3.8%
14		29	4.7%
15		26	4.2%
16		28	4.6%
17		24	3.9%
18		16	2.6%
19		24	3.9%
20		24	3.9%
21		31	5.1%
22		23	3.8%
23		22	3.6%
24		12	2%
25		13	2.1%
26		16	2.6%
27		14	2.3%
28		16	2.6%
29		5	0.8%
30		13	2.1%
31		11	1.8%

## A14M: Month

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 5 Maximum: 11

Type: Discrete Decimal: 0 Width: 2 Range: 5 - 11 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
5		96	15.7%
6		151	24.7%
7		161	26.3%
8		124	20.3%
9		41	6.7%
10		22	3.6%
11		17	2.8%

**A14Y: Year****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 2022    Maximum: 2022  
 Type: Discrete    Decimal: 0    Width: 4    Range: 2022 - 2022    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2022		612	100%

**A14H: Hour****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 6    Maximum: 21  
 Type: Discrete    Decimal: 0    Width: 2    Range: 6 - 21    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
6		4	0.7%
7		15	2.5%
8		38	6.2%
9		84	13.7%
10		90	14.7%
11		64	10.5%
12		45	7.4%
13		41	6.7%
14		74	12.1%
15		70	11.4%
16		46	7.5%
17		29	4.7%
18		8	1.3%
19		2	0.3%
20		1	0.2%

21		1	0.2%
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## A14MIN: Minutes

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 0 Maximum: 59  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

## A1: Country Code

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 81 Maximum: 81  
Type: Discrete Decimal: 0 Width: 2 Range: 81 - 81 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
81	Madagascar	612	100%

## A12: Interviewer NuMGber

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid:  
Type: Discrete Width: 4 Range: - Format: character

## A1A: Language of The Interview

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 2 Maximum: 3  
Type: Discrete Decimal: 0 Width: 1 Range: 2 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2		599	97.9%

3		13	2.1%
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### MGR1: Establishment keeps written business records of its costs and sales?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	433	70.8%
2	No	179	29.2%

### A20Y: Close Year of The Last Completed Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 433 Invalid: 179 Minimum: 2021 Maximum: 2022  
Type: Discrete Decimal: 0 Width: 4 Range: 2021 - 2022 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2021		402	92.8%
2022		31	7.2%
Sysmiss		179	

### A20M: Close Month of The Last Completed Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 433 Invalid: 179 Minimum: 2 Maximum: 12  
Type: Discrete Decimal: 0 Width: 2 Range: 2 - 12 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		3	0.7%
3		25	5.8%
4		2	0.5%
5		8	1.8%
6		3	0.7%
7		2	0.5%
8		11	2.5%
9		4	0.9%
10		8	1.8%
11		13	3%
12		354	81.8%
Sysmiss		179	

## A20D: Close Day of The Last Completed Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 433    Invalid: 179    Minimum: 2    Maximum: 31  
 Type: Discrete    Decimal: 0    Width: 2    Range: 2 - 31    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2		1	0.2%
6		2	0.5%
8		1	0.2%
15		2	0.5%
25		3	0.7%
27		1	0.2%
28		5	1.2%
29		2	0.5%
30		21	4.8%
31		395	91.2%
Sysmiss		179	



**B1: Legal Status of The Firm****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 5    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Shareholding company with shares traded on the stock market	7	1.1%
2	Shareholding company with non-traded shares or shares traded privately	1	0.2%
3	Sole proprietorship	577	94.3%
4	Partnership	25	4.1%
5	Limited partnership	1	0.2%
6	Other	0	0%

**B1X: Other (Specify)****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:  
 Type: Discrete    Width: 1    Range: -    Format: character

**B3: What Percentage of This Firm Does The Largest Owner(S) Own?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 33    Maximum: 100  
 Type: Discrete    Decimal: 0    Width: 3    Range: 33 - 100    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
33		1	0.2%
50		1	0.2%

100		610	99.7%
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### B3A: Is the largest owner also the top manager

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	588	96.1%
2	No	24	3.9%

### B4: Amongst The Owners of The Firm, Are There Any Females?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	366	59.8%
2	No	245	40%

### B4A: % of The Firm Owned By Females

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 366 Invalid: 246 Minimum: 30 Maximum: 100  
Type: Discrete Decimal: 0 Width: 3 Range: 30 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
30		1	0.3%
50		1	0.3%
100		364	99.5%
Sysmiss		246	

### MGB1: Establishment part of a firm that has multiple locations?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	12	2%
2	No	600	98%

### B5: Year Establishment Began Operations

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2021  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2021 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1970		1	0.2%
1978		1	0.2%
1979		2	0.3%

1980		2	0.3%
1989		2	0.3%
1990		5	0.8%
1991		1	0.2%
1992		5	0.8%
1993		1	0.2%
1994		5	0.8%
1995		6	1%
1996		4	0.7%
1998		8	1.3%
1999		5	0.8%
2000		20	3.3%
2001		6	1%
2002		11	1.8%
2003		10	1.6%
2004		13	2.1%
2005		17	2.8%
2006		12	2%
2007		11	1.8%
2008		14	2.3%
2009		18	2.9%
2010		23	3.8%
2011		12	2%
2012		22	3.6%
2013		30	4.9%
2014		40	6.5%
2015		41	6.7%
2016		45	7.4%
2017		54	8.8%
2018		80	13.1%
2019		43	7%
2020		28	4.6%
2021		12	2%

## B6B: In What Year Was This Establishment Formally Registered?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612    Invalid:    Minimum: -9    Maximum: 2022

Type: Discrete    Decimal: 0    Width: 4    Range: -9 - 2022    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	0.8%
-7	Never registered (spontaneous)	0	0%
1970		1	0.2%
1979		2	0.3%
1980		1	0.2%
1989		1	0.2%
1990		3	0.5%
1991		1	0.2%
1992		2	0.3%
1993		1	0.2%
1994		2	0.3%
1995		3	0.5%
1996		5	0.8%
1997		1	0.2%
1998		6	1%
2000		21	3.4%
2001		7	1.1%
2002		7	1.1%
2003		9	1.5%
2004		13	2.1%
2005		8	1.3%
2006		9	1.5%
2007		11	1.8%
2008		12	2%
2009		15	2.5%
2010		19	3.1%
2011		10	1.6%
2012		21	3.4%
2013		23	3.8%
2014		40	6.5%
2015		39	6.4%
2016		46	7.5%
2017		49	8%
2018		67	10.9%

2019		75	12.3%
2020		51	8.3%
2021		24	3.9%
2022		2	0.3%

### MGB3: Main Owner Start this Establishment?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	588	96.1%
2	No	24	3.9%

### MGB4: How did Main Owner Acquire Establishment?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 24 Invalid: 588 Minimum: 1 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Purchased an existing business	4	16.7%
2	Joined an existing family business	15	62.5%
3	Joined an existing non-family business	2	8.3%
4	Other(spontaneous)	3	12.5%
Sysmiss		588	

**MGB5: Main Reasons for Starting Establishment?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 588    Invalid: 24    Minimum: -7    Maximum: 5  
 Type: Discrete    Decimal: 0    Width: 2    Range: -7 - 5    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	NOT APPLICABLE (OWNER JOINED THE ACTIVITY)	9	1.5%
1	The opportunity to start and develop a profitable business	186	31.6%
2	To have a secondary source of income	174	29.6%
3	Convenience of location and/or hours	95	16.2%
4	Unable to find another source of income	99	16.8%
5	Other reasons (specify)	25	4.3%
Sysmiss		24	

**MGB5X: Other (Specify)****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:  
 Type: Discrete    Width: 92    Range: -    Format: character

**MGB6: Main Source of Funding To Start Or Acquire This Business Or Activity****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 6    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Not applicable (spontaneous)	2	0.3%
1	Own funds	483	78.9%

2	Friends or relatives	25	4.1%
3	Moneylenders	24	3.9%
4	Microfinance institutions, or non-bank financial companies	28	4.6%
5	Banks	45	7.4%
6	Remittances	4	0.7%
7	Other sources	0	0%

## MGB7: Owner's Occupation Prior To This Business Or Activity

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 6  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 6 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Worked for someone else in the same type of business or activity	142	23.2%
2	Worked for someone else in a different type of business or activity	187	30.6%
3	Self-employed in a different type of business or activity	77	12.6%
4	Self-employed in the same type of business or activity	27	4.4%
5	Unemployed	101	16.5%
6	Other (e.g., housewife, student, etc.)	78	12.7%

## MGB8: Num. of Years Lived In This City

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 63  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 63 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Does not live in this city	7	1.1%
-5	Entire life	362	59.2%



1		5	0.8%
2		5	0.8%
3		5	0.8%
4		13	2.1%
5		8	1.3%
6		12	2%
7		8	1.3%
8		4	0.7%
9		7	1.1%
10		13	2.1%
11		4	0.7%
12		13	2.1%
13		8	1.3%
14		7	1.1%
15		11	1.8%
16		4	0.7%
17		7	1.1%
19		6	1%
20		16	2.6%
21		1	0.2%
22		13	2.1%
23		7	1.1%
24		4	0.7%
25		4	0.7%
26		5	0.8%
27		3	0.5%
28		3	0.5%
29		1	0.2%
30		10	1.6%
31		1	0.2%
32		5	0.8%
34		1	0.2%
35		3	0.5%
36		2	0.3%
37		1	0.2%
38		1	0.2%
40		3	0.5%
41		1	0.2%
42		2	0.3%

43		1	0.2%
45		4	0.7%
48		1	0.2%
50		3	0.5%
54		1	0.2%
55		2	0.3%
56		1	0.2%
59		1	0.2%
63		1	0.2%

## MGB12: Owner Highest Level of Completed Education

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.7%
1	No school	21	3.4%
2	Incomplete primary	64	10.5%
3	Complete primary	79	12.9%
4	Incomplete secondary (gades before university)	146	23.9%
5	Complete secondary (gades before university)	111	18.1%
6	Complete vocational training (post-secondary, pre-tertiary)	55	9%
7	Incomplete tertiary	70	11.4%
8	Complete tertiary	62	10.1%

## MGB9: Num. of Household MeMGbers of The Owner

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 24  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 24 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
0		2	0.3%
1		18	2.9%
2		58	9.5%
3		122	19.9%
4		165	27%
5		111	18.1%
6		61	10%
7		29	4.7%
8		20	3.3%
9		8	1.3%
10		10	1.6%
11		2	0.3%
12		1	0.2%
13		2	0.3%
14		1	0.2%
24		1	0.2%

### MGB10: Owner Currently Has A Full-Time Job With Wage?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2

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

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	158	25.8%
2	No	454	74.2%

**MGB11: Owner Would Leave Current Business If Offered Full-Time Employment With Regular****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 454    Invalid: 158    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	10	2.2%
1	Yes	142	31.3%
2	No	302	66.5%
Sysmiss		158	

**B7: How Many Years of Experience Working In This Sector Does The Top Manager Have?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 44  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 44    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.5%
1	One year or less	17	2.8%
2		32	5.2%
3		35	5.7%
4		58	9.5%
5		57	9.3%
6		41	6.7%
7		46	7.5%
8		32	5.2%
9		35	5.7%
10		38	6.2%
11		10	1.6%
12		14	2.3%
13		15	2.5%

14		9	1.5%
15		16	2.6%
16		6	1%
17		13	2.1%
18		12	2%
19		10	1.6%
20		24	3.9%
21		5	0.8%
22		21	3.4%
23		5	0.8%
24		5	0.8%
25		5	0.8%
26		6	1%
27		6	1%
28		4	0.7%
29		3	0.5%
30		14	2.3%
31		4	0.7%
32		5	0.8%
33		1	0.2%
37		1	0.2%
40		1	0.2%
42		1	0.2%
43		1	0.2%
44		1	0.2%

## B7A: Is The Top Manager Female?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612   Invalid:   Minimum: 1   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: 1 - 2   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	305	49.8%

2	No	307	50.2%
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### C3: Application To Obtain An Electrical Connection Submitted Over The Last 2 Years

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	52	8.5%
2	No	559	91.3%

### C5: Informal Gift/Payment Expected or Requested For An Electrical Connection?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 52 Invalid: 560 Minimum: -8 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -8 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	1	1.9%
1	Yes	14	26.9%
2	No	37	71.2%
Sysmiss		560	

### C6: Over Last FY, Did This Establishment Experience Power Outages?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	270	44.1%
2	No	341	55.7%

## C7: NuMGber of Power Outages Experienced In A Typical Month In Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 270    Invalid: 342    Minimum: -9    Maximum: 84  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 84    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	18	6.7%
0		1	0.4%
1		33	12.2%
2		33	12.2%
3		33	12.2%
4		21	7.8%
5		19	7%
6		10	3.7%
7		4	1.5%
8		10	3.7%
10		30	11.1%
12		15	5.6%
13		1	0.4%
15		15	5.6%
16		2	0.7%
18		1	0.4%
20		2	0.7%
22		2	0.7%
25		5	1.9%
30		13	4.8%

31		1	0.4%
84		1	0.4%
Sysmiss		342	

## C8A: Average Duration of Power Outages: Hours

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 251    Invalid: 361    Minimum: 0    Maximum: 45  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 45    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		22	8.8%
1		80	31.9%
2		57	22.7%
3		30	12%
4		18	7.2%
5		15	6%
6		7	2.8%
7		1	0.4%
8		2	0.8%
9		2	0.8%
10		3	1.2%
12		2	0.8%
15		1	0.4%
24		1	0.4%
30		9	3.6%
45		1	0.4%
Sysmiss		361	

## C8B: Average Duration of Power Outages: Minutes

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 251    Invalid: 361    Minimum: 0    Maximum: 59  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 59    Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		100	39.8%
1	One minute or less	54	21.5%
10		5	2%
15		5	2%
20		2	0.8%
25		1	0.4%
30		65	25.9%
35		2	0.8%
40		2	0.8%
45		4	1.6%
49		1	0.4%
50		1	0.4%
59		9	3.6%
Sysmiss		361	

### C9A: In Last FY, Losses As % of Annual Sales Due To Power Outages

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 234    Invalid: 378    Minimum: -9    Maximum: 80  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 80    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	12	5.1%
0	None	95	40.6%
1		2	0.9%
2		7	3%
3		4	1.7%
5		18	7.7%
8		2	0.9%
10		22	9.4%

12		1	0.4%
15		9	3.8%
20		15	6.4%
25		4	1.7%
30		15	6.4%
34		1	0.4%
40		2	0.9%
50		14	6%
60		3	1.3%
70		3	1.3%
75		1	0.4%
80		4	1.7%
Sysmiss		378	

### C9B: In Last FY, Value of Losses Due To Power Outages

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 36   Invalid: 576   Minimum: 10   Maximum: 100000  
 Type: Discrete   Decimal: 0   Width: 6   Range: 10 - 100000   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	None	0	0%
10		1	2.8%
20		1	2.8%
30		2	5.6%
40		1	2.8%
50		1	2.8%
100		1	2.8%
200		4	11.1%
300		2	5.6%
400		2	5.6%
450		1	2.8%
500		1	2.8%
540		1	2.8%

600		2	5.6%
800		2	5.6%
900		2	5.6%
1000		1	2.8%
1200		2	5.6%
2000		3	8.3%
5000		2	5.6%
7200		1	2.8%
12000		1	2.8%
50000		1	2.8%
100000		1	2.8%
Sysmiss		576	

### C10: Generator Shared or Owned Over The Course of Last Fiscal Year?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	32	5.2%
2	No	579	94.6%

### C11: % Electricity From Generator Owned/Shared By The Establishment In Last FY

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 32 Invalid: 580 Minimum: -9 Maximum: 100  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	3.1%

0		1	3.1%
5		4	12.5%
20		3	9.4%
30		2	6.3%
40		1	3.1%
45		1	3.1%
47		1	3.1%
50		3	9.4%
60		1	3.1%
80		1	3.1%
100		13	40.6%
Sysmiss		580	

## C12: Application To Obtain A Water Connection Submitted Over The Last 2 Years

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	18	2.9%
2	No	594	97.1%

## C14: When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 18 Invalid: 594 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%

-8	Refusal (spontaneous)	0	0%
1	Yes	6	33.3%
2	No	12	66.7%
Sysmiss		594	

## C15: Did You Experience Insufficient Water Supply For Production In Last FY?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -7 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -7 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	The establishment does not use water for production	185	30.2%
1	Yes	64	10.5%
2	No	363	59.3%

## MGC44B: Last FY, Establishment Shared: Equipment/Tools

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	56	9.2%
2	No	556	90.8%

## MGC44C: Last FY, Establishment Shared: Machineries

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	30	4.9%
2	No	580	94.8%

## MGC43A: Establishment Presently Uses: Internet

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	146	23.9%
2	No	465	76%

## MGC43C: Establishment Presently Uses: Social Media

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 147 Invalid: 465 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	70	47.6%
2	No	77	52.4%

Sysmiss		465	
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### MGC43D: Establishment Presently Uses: Platforms To Sell Only

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 147    Invalid: 465    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	37	25.2%
2	No	110	74.8%
Sysmiss		465	

### MGC43E: Establishment Presently Uses: Platforms To Buy Only

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 147    Invalid: 465    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	26	17.7%
2	No	121	82.3%
Sysmiss		465	

### COVIR1A: Establishment start/increase business activity online due to COVID-19?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612    Invalid:    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	55	9%
2	No	557	91%

## COVIR1B: Establishment changed business location due to COVID-19?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	36	5.9%
2	No	576	94.1%

## COVIR1C: Establishment changed products sold or services rendered due to COVID-19?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	60	9.8%
2	No	552	90.2%



**COVIR1D: Establishment adapted no contact/contactless sales method due to COVID-19?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	100	16.3%
2	No	511	83.5%

**C30A: How Much of An Obstacle: Electricity To Operations of This Establishment?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -7    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 2    Range: -7 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	34	5.6%
0	No obstacle	238	38.9%
1	Minor obstacle	113	18.5%
2	Moderate obstacle	90	14.7%
3	Major obstacle	75	12.3%
4	Very severe obstacle	62	10.1%

**D1A1A: Establishment'S Main Product/Service Last FY****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 1    Maximum: 6  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Manufacturing of	117	19.1%
2	Retail trade of	297	48.5%
3	Wholesale trade of	34	5.6%
4	Construction of	6	1%
5	Hotel or restaurant	58	9.5%
6	Provide services of	100	16.3%

### D1A1X: Main Product/Service (By The Largest % of Annual Sales) In Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid:  
Type: Continuous Width: 195 Range: - Format: character

### D2: In Last Fiscal Year, What Were This Establishment's Total Annual Sales?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 288000000  
Type: Discrete Decimal: 0 Width: 9 Range: -9 - 288000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	57	100%

### D2X: Please Also Write Out The Number

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid:  
Type: Continuous Width: 61 Range: - Format: character

**COVID1A: Change in sales for the last month compared with January 2020****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	1.3%
1	Increase	116	19%
2	Remain the same	173	28.3%
3	Decrease	315	51.5%

**COVID1B: Increased by how much, percent****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 116    Invalid: 496    Minimum: -9    Maximum: 100  
 Type: Discrete    Decimal: 0    Width: 3    Range: -9 - 100    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	6%
1		1	0.9%
4		1	0.9%
5		5	4.3%
10		11	9.5%
12		2	1.7%
15		6	5.2%
20		16	13.8%
25		4	3.4%
30		14	12.1%
35		5	4.3%
40		3	2.6%
45		1	0.9%
50		8	6.9%

55		1	0.9%
58		1	0.9%
60		14	12.1%
70		6	5.2%
75		2	1.7%
80		3	2.6%
100		5	4.3%
Sysmiss		496	

## COVID1C: Decreased by how much, percent

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 315    Invalid: 297    Minimum: 2    Maximum: 100  
 Type: Discrete    Decimal: 0    Width: 3    Range: 2 - 100    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
2		2	0.6%
3		3	1%
4		1	0.3%
5		7	2.2%
10		26	8.3%
12		1	0.3%
15		5	1.6%
20		30	9.5%
25		6	1.9%
30		28	8.9%
32		1	0.3%
35		5	1.6%
40		24	7.6%
43		1	0.3%
45		4	1.3%
48		1	0.3%
50		103	32.7%
60		21	6.7%

65		1	0.3%
70		8	2.5%
72		1	0.3%
75		10	3.2%
80		9	2.9%
90		7	2.2%
99		1	0.3%
100		9	2.9%
Sysmiss		297	

### N3: What Were The Establishment Sales 3 Years Ago

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 50000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 50000000 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	61	50.4%
-7	Establishment was not in business in Fiscal Year	60	49.6%

### MGD3: Does This Business Sell or Provide Services To Other Businesses?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	179	29.2%
2	No	432	70.6%

**D3: Last FY, Did This Business Export Directly or Indirectly?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612 Invalid: Minimum: -9 Maximum: 2

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	10	1.6%
1	Yes	17	2.8%
2	No	585	95.6%

**D12A: % of Material Inputs And Supplies of Domestic origin In Last Fiscal Year****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612 Invalid: Minimum: -9 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	1.3%
0		38	6.2%
1		2	0.3%
2		2	0.3%
10		6	1%
20		7	1.1%
30		8	1.3%
40		5	0.8%
50		17	2.8%
60		5	0.8%
70		4	0.7%
75		3	0.5%
80		5	0.8%
90		6	1%
98		1	0.2%

99		2	0.3%
100		493	80.6%

## D12B: % of Material Inputs And Supplies of Foreign origin In Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 100

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	1.3%
0		493	80.6%
1		2	0.3%
2		1	0.2%
10		6	1%
20		5	0.8%
25		3	0.5%
30		4	0.7%
40		5	0.8%
50		17	2.8%
60		5	0.8%
70		8	1.3%
80		7	1.1%
90		6	1%
98		2	0.3%
99		2	0.3%
100		38	6.2%

## MGD4: Last Month, What Were This Establishment's Total Sales?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 25000000

Type: Discrete Decimal: 0 Width: 8 Range: -9 - 25000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	51	100%

## MGD6: Regular Month Last Year, What Were This Establishment's Sales?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 30000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 30000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	48	100%

## MGD7: What Were This Establishment's Sales In Month With Lowest Sales Last Year?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 17000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 17000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	53	100%

## MGD8: What Were This Establishment's Sales In Month With Lowest Sales Last Year?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 70000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 70000000 Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	68	100%

## IR1A: Visited Competitors To See What Products They Have Available For Sale

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	255	41.7%
2	No	356	58.2%

## IR1B: Asked Customers Whether Any Other Products This Establishment Sell Or Produce

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	248	40.5%
2	No	362	59.2%

## IR1C: Talked With Former Customers To Find Out Why They Have Stopped Buying

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	224	36.6%
2	No	387	63.2%

## IR1D: Used Any Special offer To Attract Customers

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	221	36.1%
2	No	391	63.9%

## IR1E: Asked Suppliers Which Products Are Selling Well

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	250	40.8%
2	No	361	59%

**IR2: Attempted To Negotiate With Supplier For A Lower Price****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 612 Invalid: Minimum: -9 Maximum: 2

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

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.5%
-7	Does not apply	0	0%
1	Yes	287	46.9%
2	No	322	52.6%

**MGF2: NuMGber of Hours Per Week Operated By The Establishment In Last Fiscal Year****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 612 Invalid: Minimum: -9 Maximum: 168

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 168 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	1%
6		1	0.2%
8		7	1.1%
9		2	0.3%
10		11	1.8%
11		1	0.2%
12		4	0.7%
14		1	0.2%
15		2	0.3%
16		1	0.2%
18		3	0.5%
20		3	0.5%

24		1	0.2%
25		1	0.2%
28		6	1%
30		7	1.1%
35		8	1.3%
36		14	2.3%
40		11	1.8%
42		17	2.8%
45		4	0.7%
48		76	12.4%
49		5	0.8%
50		16	2.6%
52		9	1.5%
54		24	3.9%
55		4	0.7%
56		16	2.6%
57		1	0.2%
58		5	0.8%
59		1	0.2%
60		46	7.5%
62		2	0.3%
63		7	1.1%
64		5	0.8%
65		6	1%
66		18	2.9%
70		32	5.2%
71		1	0.2%
72		35	5.7%
73		1	0.2%
75		3	0.5%
77		17	2.8%
78		23	3.8%
79		1	0.2%
80		11	1.8%
82		3	0.5%
84		37	6%
85		1	0.2%
86		2	0.3%
87		1	0.2%

88		1	0.2%
90		14	2.3%
91		11	1.8%
96		5	0.8%
98		10	1.6%
100		8	1.3%
102		4	0.7%
105		7	1.1%
108		6	1%
112		7	1.1%
120		4	0.7%
126		3	0.5%
144		2	0.3%
146		2	0.3%
156		1	0.2%
164		1	0.2%
168		6	1%

### COVB1A: Did Establishment Close Temporarily Due to COVID-19 Outbreak?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.5%
1	Yes	304	49.7%
2	No	305	49.8%

### IR3: Frequency This Business Or Activity Runs Out of Stock of Inventories Or Raw Mate

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	26	4.2%
1	Never, it always has enough on hand	203	33.2%
2	Rarely	197	32.2%
3	Sometimes	144	23.5%
4	Frequently, at least once every three months	42	6.9%

### IR6: Has A Written Budget For Montly Costs

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	306	50%
2	No	305	49.8%

### IR7: Has A Target For Sales Over The Next Year

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	9	1.5%
1	Yes	474	77.5%
2	No	129	21.1%

**IR8: Frequently This Business Or Activity Compares Actual Sales To Target****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 474    Invalid: 138    Minimum: -9    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	1.1%
1	Never or do not compare	65	13.7%
2	Once a year or less frequent	179	37.8%
3	Two or three times a year	77	16.2%
4	Monthly or more often	148	31.2%
Sysmiss		138	

**IR9: Made A Budget of The Costs For Next Year****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	1.3%
1	Yes	258	42.2%
2	No	346	56.5%

**IR10: Prepares A Profit And Loss State At Least Once A Year****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.5%
1	Yes	391	63.9%
2	No	218	35.6%

## E11: Does This Establishment Compete Against Unregistered or Informal Firms?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	1.3%
1	Yes	403	65.8%
2	No	201	32.8%

## E30: How Much of An Obstacle: Practices of Competitors In Informal Sector?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	1%
-7	Does not apply	19	3.1%
0	No obstacle	150	24.5%
1	Minor obstacle	101	16.5%
2	Moderate obstacle	108	17.6%
3	Major obstacle	143	23.4%



4	Very severe obstacle	85	13.9%
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## COVB1B: Weeks this establishment was closed for due to the COVID-19 outbreak

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 304    Invalid: 308    Minimum: -9    Maximum: 36  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 36    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	31	10.2%
1		13	4.3%
2		28	9.2%
3		18	5.9%
4		46	15.1%
5		5	1.6%
6		22	7.2%
7		4	1.3%
8		28	9.2%
9		1	0.3%
10		5	1.6%
11		1	0.3%
12		41	13.5%
14		1	0.3%
15		1	0.3%
16		10	3.3%
18		2	0.7%
20		17	5.6%
24		18	5.9%
25		6	2%
26		1	0.3%
32		2	0.7%
36		3	1%
Sysmiss		308	

**G2: Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	45	7.4%
2	No	566	92.5%

**G4: Informal Gift/Payment Expected or Requested For A Construction-Related Permit****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 45    Invalid: 567    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	2.2%
-8	Refusal (spontaneous)	1	2.2%
1	Yes	12	26.7%
2	No	31	68.9%
Sysmiss		567	

**G5A: What Is The Total Selling Area In This Establishment?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 303    Invalid: 309    Minimum: -9    Maximum: 20000  
 Type: Discrete    Decimal: 0    Width: 5    Range: -9 - 20000    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	113	37.3%
1		9	3%
2		18	5.9%
3		9	3%
4		15	5%
5		15	5%
6		14	4.6%
7		6	2%
8		6	2%
9		13	4.3%
10		9	3%
12		10	3.3%
13		1	0.3%
14		1	0.3%
15		7	2.3%
16		4	1.3%
18		2	0.7%
20		8	2.6%
22		1	0.3%
24		2	0.7%
25		5	1.7%
26		1	0.3%
28		1	0.3%
30		5	1.7%
32		1	0.3%
36		2	0.7%
40		7	2.3%
42		1	0.3%
43		1	0.3%
45		2	0.7%
48		1	0.3%
50		3	1%
60		1	0.3%
80		2	0.7%
84		1	0.3%
90		1	0.3%
100		1	0.3%
300		1	0.3%

900		1	0.3%
1200		1	0.3%
20000		1	0.3%
Sysmiss		309	

## G5B: The Area Is Measured In:

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 190    Invalid: 422    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Square Feet	9	4.7%
2	Square Yards	4	2.1%
3	Square Meters	177	93.2%
4	Other	0	0%
Sysmiss		422	

## G5BX: Specify Other Units (If Not Included Above) The Area Is Measured In

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612    Invalid:  
 Type: Discrete    Width: 1    Range: -    Format: character

## G30A: How Much of An Obstacle: Access To Land?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612    Invalid:    Minimum: -9    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 4    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	2	0.3%
-7	Does not apply	50	8.2%
0	No obstacle	271	44.3%
1	Minor obstacle	97	15.8%
2	Moderate obstacle	86	14.1%
3	Major obstacle	60	9.8%
4	Very severe obstacle	46	7.5%

## I1: In Last FY, Did This Establishment Pay For Security?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	160	26.1%
2	No	452	73.9%

## I2A: Percentage of Total Annual Sales Paid For Security In Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 87 Invalid: 525 Minimum: -9 Maximum: 40  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 40 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	16	18.4%
1		23	26.4%
2		1	1.1%
3		4	4.6%
4		3	3.4%
5		6	6.9%

10		13	14.9%
12		1	1.1%
14		1	1.1%
15		2	2.3%
20		8	9.2%
25		1	1.1%
30		6	6.9%
40		2	2.3%
Sysmiss		525	

## I2B: In Last Fiscal Year, What Is The Total Annual Cost of Security?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 73   Invalid: 539   Minimum: 4   Maximum: 2400000  
 Type: Discrete   Decimal: 0   Width: 7   Range: 4 - 2400000   Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
4		1	1.4%
6		1	1.4%
20		1	1.4%
24		3	4.1%
34		1	1.4%
36		1	1.4%
48		1	1.4%
50		2	2.7%
80		2	2.7%
96		1	1.4%
98		1	1.4%
100		3	4.1%
120		3	4.1%
140		1	1.4%
168		1	1.4%
200		4	5.5%
240		5	6.8%

288		1	1.4%
300		2	2.7%
365		1	1.4%
480		1	1.4%
600		2	2.7%
720		2	2.7%
840		4	5.5%
960		1	1.4%
1000		2	2.7%
1200		9	12.3%
1440		1	1.4%
1800		1	1.4%
2000		1	1.4%
2160		1	1.4%
2400		2	2.7%
3200		1	1.4%
3600		1	1.4%
4000		1	1.4%
6240		1	1.4%
8400		1	1.4%
9000		1	1.4%
720000		1	1.4%
1200000		1	1.4%
1320000		1	1.4%
2400000		1	1.4%
Sysmiss		539	

### I3: Losses Due To Theft, Robbery, Vandalism or Arson Experienced In Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%

1	Yes	160	26.1%
2	No	451	73.7%

#### I4A: Losses Due To Theft, Robbery, Vandalism or Arson In Last FY (% of Sales)

Data file: MadagascarMicro-2022-full-data.dta

##### Overview

Valid: 96 Invalid: 516 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	5.2%
1		8	8.3%
2		5	5.2%
5		5	5.2%
7		1	1%
8		1	1%
10		20	20.8%
15		6	6.3%
20		10	10.4%
25		2	2.1%
30		7	7.3%
40		4	4.2%
50		10	10.4%
60		2	2.1%
75		3	3.1%
80		5	5.2%
100		2	2.1%
Sysmiss		516	

#### I4B: Value of Losses Due To Theft, Robbery, Vandalism or Arson In Last FY

Data file: MadagascarMicro-2022-full-data.dta

##### Overview

Valid: 64 Invalid: 548 Minimum: 20 Maximum: 1200000  
 Type: Discrete Decimal: 0 Width: 7 Range: 20 - 1200000 Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
20		1	1.6%
50		2	3.1%
100		4	6.3%
120		4	6.3%
140		1	1.6%
170		1	1.6%
175		1	1.6%
200		1	1.6%
210		1	1.6%
240		1	1.6%
260		1	1.6%
300		1	1.6%
350		1	1.6%
400		1	1.6%
500		3	4.7%
600		6	9.4%
800		1	1.6%
1000		8	12.5%
1250		1	1.6%
1500		1	1.6%
1900		1	1.6%
2000		2	3.1%
3000		2	3.1%
3500		1	1.6%
4000		1	1.6%
4500		1	1.6%
5200		1	1.6%
6000		1	1.6%
8000		1	1.6%
8400		1	1.6%
10000		1	1.6%
12000		1	1.6%
14600		1	1.6%
26000		1	1.6%

28000		1	1.6%
60000		1	1.6%
300000		1	1.6%
600000		1	1.6%
800000		1	1.6%
1000000		1	1.6%
1200000		1	1.6%
Sysmiss		548	

### I30: How Much of An Obstacle: Crime, Theft And Disorder?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -7 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: -7 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply	20	3.3%
0	No obstacle	172	28.1%
1	Minor obstacle	155	25.3%
2	Moderate obstacle	86	14.1%
3	Major obstacle	100	16.3%
4	Very severe obstacle	79	12.9%

### IK4B: Financial Source For Day-To-Day Operations: Moneylenders

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%

1	Yes	55	9%
2	No	557	91%

### IK4C: Financial Source For Day-To-Day Operations: Microfinance Institutions or Non-ban

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	69	11.3%
2	No	542	88.6%

### IK4D: Financial Source For Day-To-Day Operations: Banks

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	34	5.6%
2	No	578	94.4%

### IK4E: Financial Source For Day-To-Day Operations: Friends Or Relatives

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	118	19.3%
2	No	494	80.7%

### IK3B: Last FY, Bought Inputs On Credit?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	145	23.7%
2	No	466	76.1%

### IK3C: Last FY, Received Advances From Customers?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	144	23.5%
2	No	468	76.5%

**IK5: Last FY, Sold Goods or Services On Credit?****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 612    Invalid:    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	214	35%
2	No	398	65%

**MGK5A: Last FY, Bought Any Machinery Or Equipment, Vehicles Or Other Means of Transport****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	0.5%
1	Yes	119	19.4%
2	No	490	80.1%

**MGK7A: Last FY, Amount Spent on Machinery & Equipment?****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 119    Invalid: 493    Minimum: -9    Maximum: 20000000  
 Type: Discrete    Decimal: 0    Width: 8    Range: -9 - 20000000    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	5%

-7	Does not apply	13	10.9%
10		1	0.8%
40		1	0.8%
50		2	1.7%
70		1	0.8%
90		1	0.8%
100		3	2.5%
150		2	1.7%
170		1	0.8%
180		1	0.8%
200		3	2.5%
250		2	1.7%
300		4	3.4%
400		3	2.5%
450		1	0.8%
495		1	0.8%
500		11	9.2%
540		1	0.8%
600		2	1.7%
700		3	2.5%
850		1	0.8%
900		1	0.8%
1000		8	6.7%
1200		1	0.8%
1400		2	1.7%
1600		3	2.5%
1700		1	0.8%
2000		6	5%
2100		1	0.8%
2700		2	1.7%
3000		1	0.8%
3500		1	0.8%
4000		4	3.4%
4400		1	0.8%
4500		1	0.8%
5000		2	1.7%
6000		2	1.7%
7000		2	1.7%
10000		3	2.5%

13000		1	0.8%
20000		1	0.8%
24000		1	0.8%
25000		1	0.8%
50000		1	0.8%
100000		1	0.8%
240000		1	0.8%
700000		1	0.8%
1000000		1	0.8%
2000000		1	0.8%
3000000		1	0.8%
4600000		1	0.8%
20000000		1	0.8%
Sysmiss		493	

## MGK7B: Last FY, Amount Spent on Vehicles & Other Means of Transport?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 119 Invalid: 493 Minimum: -9 Maximum: 430000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 430000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	4.2%
-7	Does not apply	79	66.4%
160		1	0.8%
600		3	2.5%
900		1	0.8%
1400		1	0.8%
1600		1	0.8%
1680		1	0.8%
1700		1	0.8%
2000		1	0.8%
5000		1	0.8%
6000		1	0.8%
9000		7	5.9%

10000		5	4.2%
15000		1	0.8%
16000		1	0.8%
18000		1	0.8%
20000		1	0.8%
25000		1	0.8%
30000		1	0.8%
70000		1	0.8%
120000		1	0.8%
150000		2	1.7%
430000		1	0.8%
Sysmiss		493	

## IK8B: Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Moneylenders

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 119    Invalid: 493    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	3	2.5%
2	No	116	97.5%
Sysmiss		493	

## IK8C: Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Microfinance

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 119    Invalid: 493    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	0	0%
1	Yes	15	12.6%
2	No	104	87.4%
Sysmiss		493	

## IK8D: Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Banks

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 119    Invalid: 493    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	11	9.2%
2	No	108	90.8%
Sysmiss		493	

## IK8E: Last FY, Financed Purchase of Machinery / Equipment / Vehicles By: Friends Or Re

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 119    Invalid: 493    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	16	13.4%
2	No	103	86.6%
Sysmiss		493	

## MGK40: Establishment Presently Has Checking / Savings Account

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Yes	142	23.2%
2	No	469	76.6%

## IK11: Owner uses a separate bank account for the household?

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	233	38.1%
2	No	379	61.9%

## IK11A: Uses Mobile Money

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	363	59.3%
2	No	249	40.7%

**IK11B: Uses Mobile Money To Pay Suppliers****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 363    Invalid: 249    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	215	59.2%
2	No	148	40.8%
Sysmiss		249	

**IK11C: Uses Mobile Money To Save****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 363    Invalid: 249    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	240	66.1%
2	No	123	33.9%
Sysmiss		249	

**IK11D: Uses Mobile Money To Pay Utility Bills****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 363    Invalid: 249    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.3%
1	Yes	50	13.8%
2	No	312	86%
Sysmiss		249	

### IK11E: Uses Mobile Money To Receive Payments From Customers

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 363    Invalid: 249    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	255	70.2%
2	No	108	29.8%
Sysmiss		249	

### IK11F: Uses Mobile Money To Pay Loans

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 363    Invalid: 249    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	140	38.6%
2	No	223	61.4%
Sysmiss		249	

**K8: Establishment Has A Line of Credit or Loan From A Financial Institution?****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	50	8.2%
2	No	560	91.5%

**K9: Type of Financial Institution That Granted The Line of Credit or Loan****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 50    Invalid: 562    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Private commercial banks	22	44%
2	State-owned banks or government agency	0	0%
3	Non-bank financial institutions	28	56%
4	Other	0	0%
Sysmiss		562	

**K13: Financing Required For The Most Recent Line of Credit or Loan****Data file:** MadagascarMicro-2022-full-data.dta**Overview**

Valid: 50    Invalid: 562    Minimum: 1    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	Yes	46	92%
2	No	4	8%
Sysmiss		562	

### K14A: Type of Collateral Required For The Most Recent Loan? Land, Buildings

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 46   Invalid: 566   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	6.5%
1	Yes	16	34.8%
2	No	27	58.7%
Sysmiss		566	

### K14B: Type of Collateral Required For The Most Recent Loan? Equipment

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 46   Invalid: 566   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	4.3%
1	Yes	24	52.2%
2	No	20	43.5%
Sysmiss		566	

**K14C: Type of Collateral Required For The Most Recent Loan? Accounts****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 46   Invalid: 566   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	8.7%
1	Yes	2	4.3%
2	No	40	87%
Sysmiss		566	

**K14D: Type of Collateral Required For The Most Recent Loan? Personal Assets****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 46   Invalid: 566   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	4.3%
1	Yes	37	80.4%
2	No	7	15.2%
Sysmiss		566	

**K14E: Type of Collateral Required For The Most Recent Loan? Other****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 46   Invalid: 566   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	10.9%
1	Yes	7	15.2%
2	No	34	73.9%
Sysmiss		566	

### K15D: Outstanding Personal Loans Used To Finance Establishment'S Business Activities?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	0.8%
1	Yes	125	20.4%
2	No	482	78.8%

### K16: In Last FY, Did Establishment Apply For New Loans/Lines of Credit?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612    Invalid:    Minimum: -9    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 2    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	27	4.4%
1	Yes	66	10.8%
2	No	519	84.8%



**K17: Main Reason For Not Applying For New Loans or New Lines of Credit****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 519    Invalid: 93    Minimum: 1    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 7    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1	No need for a loan - establishment had sufficient capital	185	35.6%
2	Application procedures were complex	84	16.2%
3	Interest rates were not favorable	118	22.7%
4	Collateral requirements were too high	69	13.3%
5	Size of loan and maturity were insufficient	5	1%
6	Did not think it would be approved	16	3.1%
7	Other	42	8.1%
Sysmiss		93	

**K20A1: What Was The Outcome of That Most Recent Application For Loan/Line of Credit?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 66    Invalid: 546    Minimum: -9    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	1.5%
-6	Still in process	2	3%
1	Application was approved in full	37	56.1%
2	Application was approved in part	21	31.8%
3	Application was rejected	5	7.6%
4	Application was withdrawn	0	0%
Sysmiss		546	

**H7A: The Court System Is Fair, Impartial And Uncorrupted****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	18	2.9%
-7	Does not apply	28	4.6%
1	Strongly disagree	355	58%
2	Tend to disagree	149	24.3%
3	Tend to agree	34	5.6%
4	Strongly agree	28	4.6%

**J2: What % of Senior Management Time Was Spent In Dealing With Govt Regulations?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 100  
 Type: Discrete    Decimal: 0    Width: 3    Range: -9 - 100    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	35	5.7%
0	No time was spent	372	60.8%
1		36	5.9%
2		7	1.1%
3		2	0.3%
4		7	1.1%
5		21	3.4%
6		2	0.3%
8		1	0.2%
10		34	5.6%
15		5	0.8%
16		2	0.3%

17		1	0.2%
18		1	0.2%
20		23	3.8%
24		2	0.3%
25		1	0.2%
30		10	1.6%
40		6	1%
47		1	0.2%
50		9	1.5%
53		1	0.2%
60		1	0.2%
70		1	0.2%
75		2	0.3%
80		4	0.7%
90		2	0.3%
95		1	0.2%
99		1	0.2%
100		21	3.4%

### J3: Over The Last 12 Months, Was This Establishment Inspected By Tax officials?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
1	Yes	257	42%
2	No	353	57.7%

### J5: In Any of These Inspections Was A Gift/Informal Payment Requested ?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 257 Invalid: 355 Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	1.6%
-8	Refusal (spontaneous)	9	3.5%
1	Yes	41	16%
2	No	203	79%
Sysmiss		355	

### J10: Application To Obtain An Import License Submitted Over The Last 2 Years?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	0.8%
1	Yes	14	2.3%
2	No	593	96.9%

### J12: When You Applied For An Import License, Was An Informal Gift/Payment Requested?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 14 Invalid: 598 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
1	Yes	1	7.1%
2	No	13	92.9%

Sysmiss		598	
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### J13: Application To Obtain An Operating License Submitted Over Last 2 Years?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.7%
1	Yes	15	2.5%
2	No	593	96.9%

### J14: How Many Days Did It Take To Obtain Your Operating License?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 15 Invalid: 597 Minimum: -9 Maximum: 520  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 520 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	6.7%
-6	Still in process	1	6.7%
-5	Application denied	1	6.7%
1	One day or less	2	13.3%
3		5	33.3%
4		1	6.7%
15		1	6.7%
30		1	6.7%
90		1	6.7%
520		1	6.7%
Sysmiss		597	

**J15: When You Applied For Operating License Was An Informal Gift/Payment Requested?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 15   Invalid: 597   Minimum: -9   Maximum: 2  
 Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 2   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	6.7%
-8	Refusal (spontaneous)	3	20%
1	Yes	1	6.7%
2	No	10	66.7%
Sysmiss		597	

**MGJ31: What % of Labor Costs Do Establishments Like This One Report?****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612   Invalid:   Minimum: -9   Maximum: 100  
 Type: Discrete   Decimal: 0   Width: 3   Range: -9 - 100   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	165	27%
-8	Refusal (spontaneous)	92	15%
0		55	9%
1		6	1%
2		4	0.7%
3		2	0.3%
4		2	0.3%
5		8	1.3%
10		9	1.5%
15		2	0.3%
20		29	4.7%

25		5	0.8%
30		22	3.6%
35		2	0.3%
36		1	0.2%
40		18	2.9%
45		1	0.2%
50		34	5.6%
60		1	0.2%
70		3	0.5%
75		5	0.8%
80		7	1.1%
90		6	1%
95		1	0.2%
99		1	0.2%
100		131	21.4%

## L1: Num. Permanent, Full-Time Employees At End of Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 4

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1		132	21.6%
2		181	29.6%
3		156	25.5%
4		142	23.2%

## L2: Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 21

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 21 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
-7	Establishment was not in business	62	10.1%
0		1	0.2%
1		116	19%
2		160	26.1%
3		128	20.9%
4		131	21.4%
5		5	0.8%
6		2	0.3%
9		1	0.2%
10		2	0.3%
14		1	0.2%
15		1	0.2%
21		1	0.2%

### L5: Num. Full-Time Employees At End of Last FY: Female

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612    Invalid:    Minimum: -9    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	1.3%
0		191	31.2%
1		252	41.2%
2		113	18.5%
3		33	5.4%
4		15	2.5%



**L6: Num. Full-Time Temporary Employees At End of Last FY****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: -9    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	10	1.6%
0	No full-time seasonal or temporary workers	497	81.2%
1		69	11.3%
2		32	5.2%
3		3	0.5%
4		1	0.2%

**L6A: Female Temporary, Full-Time Workers Employed Throughout Last FY****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 105    Invalid: 507    Minimum: -9    Maximum: -9  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - -9    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	105	100%
Sysmiss		507	

**L8: Avg. Length of Employment of All Full-Time Temporary Employees In Last FY****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 105    Invalid: 507    Minimum: -9    Maximum: 12  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 12    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	10.5%
1	One month or less	32	30.5%
2		12	11.4%
3		11	10.5%
4		5	4.8%
5		3	2.9%
6		11	10.5%
7		6	5.7%
8		7	6.7%
10		1	1%
12		6	5.7%
Sysmiss		507	

## MGL1: Num. of People Who Worked Last Month

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 21

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 21 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.7%
0		2	0.3%
1		114	18.6%
2		164	26.8%
3		140	22.9%
4		146	23.9%
5		13	2.1%
6		12	2%
7		6	1%
8		1	0.2%
9		2	0.3%
10		1	0.2%
11		1	0.2%
12		1	0.2%

14		2	0.3%
15		1	0.2%
20		1	0.2%
21		1	0.2%

### MGL3: Regular Month Last Year, NuMGber of People Working in This Business?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 37

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 37 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	0.7%
0		3	0.5%
1		104	17%
2		168	27.5%
3		138	22.5%
4		147	24%
5		17	2.8%
6		14	2.3%
7		5	0.8%
8		3	0.5%
9		3	0.5%
10		1	0.2%
11		1	0.2%
12		2	0.3%
21		1	0.2%
37		1	0.2%

### MGL4: Month Last Year With Highest NuMGber Of Workers, How Many People Working in This

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 45

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 45 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
0		2	0.3%
1		96	15.7%
2		145	23.7%
3		133	21.7%
4		147	24%
5		28	4.6%
6		22	3.6%
7		15	2.5%
8		4	0.7%
9		2	0.3%
10		3	0.5%
11		1	0.2%
12		3	0.5%
14		4	0.7%
15		1	0.2%
17		1	0.2%
22		1	0.2%
30		1	0.2%
45		1	0.2%

## MGL5: Month Last Year With Lowest NuMGber Of Workers, How Many People Working in This

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612    Invalid:    Minimum: -9    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 15    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	0.3%
0		2	0.3%
1		178	29.1%

2		178	29.1%
3		121	19.8%
4		104	17%
5		6	1%
6		12	2%
7		4	0.7%
8		1	0.2%
9		1	0.2%
11		1	0.2%
12		1	0.2%
15		1	0.2%

### L30A: How Much of An Obstacle: Labor Regulations?

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	34	5.6%
-7	Does not apply	47	7.7%
0	No obstacle	323	52.8%
1	Minor obstacle	117	19.1%
2	Moderate obstacle	61	10%
3	Major obstacle	17	2.8%
4	Very severe obstacle	13	2.1%

### MGL40: What % of labor cost does this establishment report for the purposes of payroll

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 100  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	132	21.6%
-8	Refusal (spontaneous)	108	17.6%
0		85	13.9%
1		3	0.5%
2		10	1.6%
3		6	1%
4		1	0.2%
5		5	0.8%
6		1	0.2%
10		9	1.5%
15		1	0.2%
20		29	4.7%
25		2	0.3%
30		33	5.4%
35		2	0.3%
36		1	0.2%
40		15	2.5%
50		26	4.2%
60		4	0.7%
70		1	0.2%
75		4	0.7%
80		10	1.6%
90		6	1%
100		118	19.3%

## M1A: Biggest Obstacle Affecting The Operation of This Establishment

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	5	0.8%
-7	Does not apply	11	1.8%
1	Access to finance	261	42.6%
2	Access to land	10	1.6%
3	Business licensing and permits	10	1.6%
4	Corruption	32	5.2%
5	Courts	0	0%
6	Crime, theft and disorder	68	11.1%
7	Customs and trade regulations	13	2.1%
8	Electricity	54	8.8%
9	Inadequately educated workforce	10	1.6%
10	Labor regulations	11	1.8%
11	Political instability	56	9.2%
12	Practices of competitors in the informal sector	34	5.6%
13	Tax administration	15	2.5%
14	Tax rates	4	0.7%
15	Transport	18	2.9%

## M1A\_FINANCE\_POS: m1a: Position of Access to Finance

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		26	4.2%
2		39	6.4%
3		47	7.7%
4		39	6.4%
5		40	6.5%
6		46	7.5%
7		36	5.9%
8		36	5.9%
9		26	4.2%

10		37	6%
11		66	10.8%
12		50	8.2%
13		55	9%
14		38	6.2%
15		31	5.1%

## M1A LAND\_POS: m1a: Position of Access to land

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		44	7.2%
2		35	5.7%
3		31	5.1%
4		33	5.4%
5		38	6.2%
6		40	6.5%
7		36	5.9%
8		25	4.1%
9		33	5.4%
10		45	7.4%
11		68	11.1%
12		60	9.8%
13		47	7.7%
14		40	6.5%
15		37	6%

## M1A PERMIT\_POS: m1a: Position of Business licensing and permits

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		60	9.8%
2		35	5.7%
3		41	6.7%
4		43	7%
5		34	5.6%
6		33	5.4%
7		18	2.9%
8		32	5.2%
9		41	6.7%
10		43	7%
11		58	9.5%
12		61	10%
13		49	8%
14		33	5.4%
15		31	5.1%

### M1A\_CORRUPTION\_POS: m1a: Position of corruption

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		38	6.2%
2		30	4.9%
3		42	6.9%
4		33	5.4%
5		31	5.1%
6		33	5.4%
7		41	6.7%
8		33	5.4%

9		31	5.1%
10		33	5.4%
11		57	9.3%
12		78	12.7%
13		48	7.8%
14		43	7%
15		41	6.7%

## M1A\_COURTS\_POS: m1a: Position of Courts

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612    Invalid:    Minimum: 1    Maximum: 15  
 Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 15    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		56	9.2%
2		31	5.1%
3		31	5.1%
4		32	5.2%
5		29	4.7%
6		24	3.9%
7		41	6.7%
8		40	6.5%
9		41	6.7%
10		32	5.2%
11		74	12.1%
12		52	8.5%
13		49	8%
14		45	7.4%
15		35	5.7%

## M1A\_CRIME\_POS: m1a: Position of Crime, theft and disorder

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		42	6.9%
2		43	7%
3		36	5.9%
4		29	4.7%
5		36	5.9%
6		32	5.2%
7		33	5.4%
8		29	4.7%
9		32	5.2%
10		37	6%
11		59	9.6%
12		58	9.5%
13		37	6%
14		62	10.1%
15		47	7.7%

## M1A\_TRADE\_POS: m1a: Position of Customs and trade regulations

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		39	6.4%
2		40	6.5%
3		42	6.9%
4		37	6%
5		44	7.2%

6		32	5.2%
7		30	4.9%
8		38	6.2%
9		37	6%
10		29	4.7%
11		53	8.7%
12		50	8.2%
13		56	9.2%
14		46	7.5%
15		39	6.4%

## M1A\_ELECTRICITY\_POS: m1a: Position of Electricity

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		14	2.3%
2		41	6.7%
3		40	6.5%
4		48	7.8%
5		41	6.7%
6		36	5.9%
7		47	7.7%
8		29	4.7%
9		23	3.8%
10		44	7.2%
11		60	9.8%
12		49	8%
13		51	8.3%
14		43	7%
15		46	7.5%

**M1A\_WORKFORCE\_POS: m1a: Position of Inadequately educated workforce****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		14	2.3%
2		43	7%
3		38	6.2%
4		36	5.9%
5		31	5.1%
6		27	4.4%
7		42	6.9%
8		59	9.6%
9		37	6%
10		30	4.9%
11		62	10.1%
12		43	7%
13		59	9.6%
14		54	8.8%
15		37	6%

**M1A\_LABOR\_POS: m1a: Position of Labor regulations****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		19	3.1%
2		28	4.6%
3		23	3.8%

4		35	5.7%
5		40	6.5%
6		53	8.7%
7		48	7.8%
8		46	7.5%
9		51	8.3%
10		30	4.9%
11		55	9%
12		57	9.3%
13		53	8.7%
14		43	7%
15		31	5.1%

## M1A\_INSTABILITY\_POS: m1a: Position of Political instability

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		42	6.9%
2		33	5.4%
3		46	7.5%
4		31	5.1%
5		31	5.1%
6		46	7.5%
7		44	7.2%
8		41	6.7%
9		47	7.7%
10		49	8%
12		54	8.8%
13		52	8.5%
14		46	7.5%
15		50	8.2%

**M1A\_INFORMAL\_POS: m1a: Position of Practices of competitors in the informal sector****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 1    Maximum: 15

Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 15    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		46	7.5%
2		47	7.7%
3		41	6.7%
4		49	8%
5		51	8.3%
6		36	5.9%
7		37	6%
8		42	6.9%
9		48	7.8%
10		41	6.7%
13		56	9.2%
14		66	10.8%
15		52	8.5%

**M1A\_TAXADMIN\_POS: m1a: Position of Tax administration****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 1    Maximum: 15

Type: Discrete    Decimal: 0    Width: 2    Range: 1 - 15    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		58	9.5%
2		56	9.2%
3		38	6.2%
4		57	9.3%
5		51	8.3%

6		47	7.7%
7		47	7.7%
8		44	7.2%
9		59	9.6%
10		46	7.5%
14		53	8.7%
15		56	9.2%

## M1A\_TAXRATE\_POS: m1a: Position of Tax rates

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		56	9.2%
2		60	9.8%
3		53	8.7%
4		56	9.2%
5		55	9%
6		55	9%
7		49	8%
8		52	8.5%
9		44	7.2%
10		53	8.7%
15		79	12.9%

## M1A\_TRANSPORT\_POS: m1a: Position of Transport

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		58	9.5%
2		51	8.3%
3		63	10.3%
4		54	8.8%
5		60	9.8%
6		72	11.8%
7		63	10.3%
8		66	10.8%
9		62	10.1%
10		63	10.3%

## N2A: Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 433 Invalid: 179 Minimum: -9 Maximum: 20000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 20000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	40	100%
Sysmiss		179	

## N2E: Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 96 Invalid: 516 Minimum: -9 Maximum: 10800000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 10800000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	23	24%
0		1	1%
100		3	3.1%
200		5	5.2%
300		7	7.3%
400		4	4.2%
405		1	1%
480		1	1%
500		2	2.1%
600		1	1%
800		1	1%
900		1	1%
1000		4	4.2%
1200		2	2.1%
1320		1	1%
1800		1	1%
2000		4	4.2%
2400		1	1%
3000		1	1%
3600		1	1%
4000		3	3.1%
4200		1	1%
5000		2	2.1%
6000		2	2.1%
9600		1	1%
9840		1	1%
10000		1	1%
10800		1	1%
15000		1	1%
18000		1	1%
20000		2	2.1%
24000		1	1%
25000		1	1%
30000		1	1%
38000		1	1%
50000		1	1%
53000		1	1%
60000		1	1%
80000		1	1%

90000		1	1%
180000		1	1%
200000		1	1%
600000		1	1%
1500000		1	1%
2400000		1	1%
10800000		1	1%
Sysmiss		516	

## MGN2A: Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) Last Month

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 179    Invalid: 433    Minimum: -9    Maximum: 1340000  
 Type: Discrete    Decimal: 0    Width: 7    Range: -9 - 1340000    Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	46	25.7%
0		26	14.5%
20		1	0.6%
34		1	0.6%
50		2	1.1%
60		3	1.7%
70		1	0.6%
100		6	3.4%
120		10	5.6%
150		6	3.4%
160		1	0.6%
170		1	0.6%
180		1	0.6%
200		7	3.9%
240		1	0.6%
244		1	0.6%
250		2	1.1%
260		1	0.6%
300		5	2.8%

350		2	1.1%
400		5	2.8%
480		1	0.6%
500		2	1.1%
535		1	0.6%
600		2	1.1%
720		3	1.7%
900		2	1.1%
960		1	0.6%
1000		2	1.1%
1200		1	0.6%
1300		1	0.6%
1500		2	1.1%
1600		1	0.6%
1800		2	1.1%
1880		1	0.6%
2000		1	0.6%
2400		3	1.7%
3000		2	1.1%
3600		4	2.2%
4500		1	0.6%
4800		2	1.1%
5000		1	0.6%
5400		3	1.7%
8000		2	1.1%
8200		1	0.6%
10000		1	0.6%
18000		1	0.6%
20000		1	0.6%
240000		1	0.6%
480000		1	0.6%
600000		1	0.6%
800000		1	0.6%
1340000		1	0.6%
Sysmiss		433	

## MGN2E: Cost of Raw Materials And Intermediate Goods Used In Prod. Last Month

Data file: MadagascarMicro-2022-full-data.dta

**Overview**

Valid: 23   Invalid: 589   Minimum: -9   Maximum: 6000000  
 Type: Discrete   Decimal: 0   Width: 7   Range: -9 - 6000000   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	13%
0		4	17.4%
35		1	4.3%
150		1	4.3%
200		1	4.3%
220		1	4.3%
230		1	4.3%
300		1	4.3%
600		1	4.3%
1000		1	4.3%
1600		1	4.3%
2400		1	4.3%
3000		1	4.3%
5000		1	4.3%
500000		1	4.3%
2880000		1	4.3%
4000000		1	4.3%
6000000		1	4.3%
Sysmiss		589	

**MGN7: Cost For Establishment To Re-Purchase All of Its Machinery**

Data file: MadagascarMicro-2022-full-data.dta

**Overview**

Valid: 612   Invalid:   Minimum: -9   Maximum: 80000000  
 Type: Discrete   Decimal: 0   Width: 8   Range: -9 - 80000000   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	192	31.4%

0		49	8%
3		1	0.2%
50		1	0.2%
100		13	2.1%
120		2	0.3%
200		9	1.5%
250		1	0.2%
300		9	1.5%
400		4	0.7%
450		1	0.2%
480		1	0.2%
500		11	1.8%
600		4	0.7%
670		1	0.2%
700		2	0.3%
765		1	0.2%
800		4	0.7%
900		3	0.5%
975		1	0.2%
1000		26	4.2%
1050		1	0.2%
1200		6	1%
1300		1	0.2%
1440		1	0.2%
1500		4	0.7%
1600		2	0.3%
2000		23	3.8%
2200		1	0.2%
2400		3	0.5%
2700		2	0.3%
3000		12	2%
3800		1	0.2%
4000		9	1.5%
4400		1	0.2%
4600		1	0.2%
5000		11	1.8%
5400		1	0.2%
6000		3	0.5%
7000		9	1.5%

8000		7	1.1%
9000		7	1.1%
10000		35	5.7%
11400		1	0.2%
12000		7	1.1%
13000		2	0.3%
14000		2	0.3%
15000		7	1.1%
15200		1	0.2%
16000		4	0.7%
18000		2	0.3%
20000		27	4.4%
24000		3	0.5%
25000		2	0.3%
30000		13	2.1%
35000		2	0.3%
40000		7	1.1%
43200		1	0.2%
45000		1	0.2%
50000		7	1.1%
60000		8	1.3%
70000		3	0.5%
80000		1	0.2%
83000		1	0.2%
85000		1	0.2%
100000		2	0.3%
200000		6	1%
225000		1	0.2%
500000		1	0.2%
600000		1	0.2%
1000000		2	0.3%
4000000		1	0.2%
4200000		1	0.2%
5000000		1	0.2%
8000000		1	0.2%
10000000		3	0.5%
12000000		1	0.2%
16000000		1	0.2%
20000000		3	0.5%

25000000		1	0.2%
30000000		2	0.3%
36000000		1	0.2%
40000000		1	0.2%
60000000		1	0.2%
80000000		1	0.2%

## MGN8: Cost of Finished Goods and Materials for Resale Last Month?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 400000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 400000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	155	100%

## MGN9: Current Value of Inventory?

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: -9 Maximum: 700000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 700000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	253	100%

## A15D: Day

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric



## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		20	3.3%
2		19	3.1%
3		18	2.9%
4		13	2.1%
5		22	3.6%
6		16	2.6%
7		31	5.1%
8		24	3.9%
9		17	2.8%
10		16	2.6%
11		25	4.1%
12		24	3.9%
13		22	3.6%
14		30	4.9%
15		25	4.1%
16		28	4.6%
17		24	3.9%
18		15	2.5%
19		24	3.9%
20		24	3.9%
21		32	5.2%
22		23	3.8%
23		22	3.6%
24		12	2%
25		13	2.1%
26		16	2.6%
27		13	2.1%
28		17	2.8%
29		5	0.8%
30		13	2.1%
31		9	1.5%

### A15M: Month

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 5 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: 5 - 11 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
5		95	15.5%
6		152	24.8%
7		160	26.1%
8		124	20.3%
9		42	6.9%
10		22	3.6%
11		17	2.8%

## A15Y: Year

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 2022 Maximum: 2022  
 Type: Discrete Decimal: 0 Width: 4 Range: 2022 - 2022 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2022		612	100%

## A15H: Hour

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 6 Maximum: 21  
 Type: Discrete Decimal: 0 Width: 2 Range: 6 - 21 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
6		1	0.2%

7		4	0.7%
8		10	1.6%
9		48	7.8%
10		72	11.8%
11		80	13.1%
12		71	11.6%
13		48	7.8%
14		48	7.8%
15		67	10.9%
16		65	10.6%
17		55	9%
18		27	4.4%
19		11	1.8%
20		2	0.3%
21		3	0.5%

### A15MIN: Minutes

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 0 Maximum: 59

Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

### A16: Perception of The Questions Regarding Opinions And Perceptions

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Truthful	459	75%
2	Somewhat truthful	153	25%
3	Not truthful	0	0%

**A17: Responses To The Questions About Figures Areâ€****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Are taken directly from establishment records	108	17.6%
2	Are estimates computed with some precision	417	68.1%
3	Are arbitrary and unreliable nuMGbers	70	11.4%
4	Are in some case taken from books and in some case estimates	17	2.8%

**A18: This Questionnaire Was Completed In:****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 612    Invalid:    Minimum: 1    Maximum: 3  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 3    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	One visit in face-to-face interview with one person	608	99.3%
2	One visit in face-to-face interview with different managers/staff	3	0.5%
3	Several visits	1	0.2%

**A19H: If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours****Data file: MadagascarMicro-2022-full-data.dta****Overview**

Valid: 4    Invalid: 608    Minimum: 0    Maximum: 1  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0		1	25%
1		3	75%
Sysmiss		608	

### A19M: If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 4    Invalid: 608    Minimum: 0    Maximum: 45  
 Type: Discrete    Decimal: 0    Width: 2    Range: 0 - 45    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1	25%
10		1	25%
45		2	50%
Sysmiss		608	

### A13: Supervisor NumGber

Data file: MadagascarMicro-2022-full-data.dta

#### Overview

Valid: 612    Invalid:    Minimum: 1111    Maximum: 14441  
 Type: Discrete    Decimal: 0    Width: 5    Range: 1111 - 14441    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1111		23	3.8%
2222		60	9.8%
3333		77	12.6%
4444		37	6%
5555		89	14.5%
6666		90	14.7%
7777		22	3.6%
8888		14	2.3%
9999		76	12.4%

12221		69	11.3%
14441		55	9%

## D1A2: Main Product/Service ISIC (Rev. 3.1) Code

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1513 Maximum: 7290  
 Type: Continuous Decimal: 0 Width: 4 Range: 1513 - 7290 Format: Numeric

## STRATIFICATIONREGIONCODE: stratificationregioncode

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Analamanga	126	20.6%
2	Anosy	77	12.6%
3	Atsimo Andrefana	71	11.6%
4	Atsinanana	68	11.1%
5	Boeni	55	9%
6	Diana	90	14.7%
7	Sava	90	14.7%
8	Vakinankaratra	35	5.7%

## STRATIFICATIONSIZECODE: stratificationsizecode

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Micro (1-4)	612	100%

## STRATIFICATIONSECTORCODE: stratificationsectorcode

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Food	66	10.8%
2	Garments	68	11.1%
3	Other Manufacturing	58	9.5%
4	Retail	169	27.6%
5	Wholesale	79	12.9%
6	Other Services	156	25.5%
7	Garments and Other Manufacturing	16	2.6%

## STRATIFICATIONPANELCODE: panelcode

Data file: MadagascarMicro-2022-full-data.dta

### Overview

Valid: 612 Invalid: Minimum: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Fresh	612	100%
1	Panel	0	0%

## WSTRICT: Weight according to strict eligibility

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 1980.97143554688  
 Type: Continuous Decimal: 2 Width: 7 Range: 1 - 1980.97143554688 Format: Numeric

## WMEDIAN: Weight according to median eligibility

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 1998.03662109375  
 Type: Continuous Decimal: 2 Width: 7 Range: 1 - 1998.03662109375 Format: Numeric

## WWEAK: Weight according to weak eligibility

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 2082.71215820312  
 Type: Continuous Decimal: 2 Width: 7 Range: 1 - 2082.71215820312 Format: Numeric

## STRATA: see notes

Data file: MadagascarMicro-2022-full-data.dta

## Overview

Valid: 612 Invalid: Minimum: 1 Maximum: 49  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 49 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		25	4.1%
2		20	3.3%
3		4	0.7%
4		19	3.1%
5		7	1.1%
6		51	8.3%
7		4	0.7%
8		2	0.3%
9		13	2.1%
10		22	3.6%
11		17	2.8%
12		19	3.1%



13		7	1.1%
14		12	2%
15		7	1.1%
16		20	3.3%
17		15	2.5%
18		10	1.6%
19		6	1%
20		6	1%
21		9	1.5%
22		20	3.3%
23		12	2%
24		15	2.5%
25		4	0.7%
26		9	1.5%
27		8	1.3%
28		18	2.9%
29		4	0.7%
30		12	2%
31		11	1.8%
32		12	2%
33		11	1.8%
34		27	4.4%
35		9	1.5%
36		20	3.3%
37		4	0.7%
38		1	0.2%
39		4	0.7%
40		30	4.9%
41		13	2.1%
42		22	3.6%
43		16	2.6%
44		5	0.8%
45		6	1%
46		2	0.3%
47		13	2.1%
48		2	0.3%
49		7	1.1%

# study\_resources

## questionnaires

### Madagascar Micro Enterprise Survey 2022, Questionnaire

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title Madagascar Micro Enterprise Survey 2022, Questionnaire  
authors The World Bank Group  
country Madagascar  
language English  
filename Madagascar\_2022\_Micro\_Questionnaire.pdf

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## technical\_documents

### The Madagascar 2022 Micro Enterprise Survey Implementation Report

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title The Madagascar 2022 Micro Enterprise Survey Implementation Report  
authors The World Bank Group  
country Madagascar  
language English  
filename ES\_Micro\_Implementation\_Report\_Madagascar\_2022.pdf

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