

# World Bank Enterprise Survey 2022

**World Bank Group (WBG)**

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## Identification

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

TITLE  
World Bank Enterprise Survey 2022

ABBREVIATION OR ACRONYM  
WBES 2022

COUNTRY/ECONOMY

Name	Country code
Madagascar	MDG

STUDY TYPE  
Enterprise Survey [en/oth]

### SERIES INFORMATION

As part of its strategic goal of building a climate for investment, job creation, and sustainable growth, the World Bank has promoted improving business environments as a key strategy for development, which has led to a systematic effort in collecting enterprise data across countries. The Enterprise Surveys are an ongoing World Bank project in collecting both objective data based on firms' experiences and enterprises' perception of the environment in which they operate.

An Enterprise Survey is a firm-level survey of a representative sample of an economy's private sector. Firm-level surveys have been conducted since 1998 by different units within the World Bank. Since 2005-2006, most data collection efforts have been centralized within the Enterprise Analysis Unit. The Enterprise Surveys are conducted across all geographic regions and cover small, medium, and large companies. The surveys are administered to a representative sample of firms in the non-agricultural formal private economy. Data are used to create indicators that benchmark the quality of the business and investment climate across countries.

The World Bank Enterprise Surveys (WBES) collect both objective data based on firms' day-to-day experiences, and perceptions of enterprises regarding the business environment in which they operate. The WBES currently cover over 180,000 firms in 154 countries with a total of 306 surveys since 2006. The WBES are also used to build a panel of enterprise data that will make it possible to track changes in the business environment over time.

### ABSTRACT

The World Bank Enterprise Survey (WBES) is a firm-level survey of a representative sample of an economy's private sector. The surveys cover a broad range of topics related to the business environment including access to finance, corruption, infrastructure, competition, and performance.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

The primary sampling unit of the study is the establishment. An establishment is a physical location where business is carried out and where industrial operations take place or services are provided. A firm may be composed of one or more establishments. For example, a brewery may have several bottling plants and several establishments for distribution. For the purposes of this survey an establishment must make its own financial decisions and have its own financial statements separate from those of the firm. An establishment must also have its own management and control over its payroll.

## Scope

### NOTES

The 2022 Madagascar World Bank Enterprise Survey covered the following topics:

- General information of firm/ establishment
- Infrastructure and services
- Technology adoption

- Sales and supplies
- Commercial disputes (follow-up questionnaire)
- Management practices
- Degree of competition
- Innovation
- Capacity
- Land and permits
- Crime
- Green economy (follow-up questionnaire)
- Finance
- Business-Government relations
- Labor
- Skills
- 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 Enterprise Surveys. Cooperatives and collectives are excluded from the 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 WBES 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 ([https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Sampling\\_Note-Consolidated-2-16-22.pdf](https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Sampling_Note-Consolidated-2-16-22.pdf)). 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 WBES typically use three levels of stratification: industry classification, establishment size, and subnational region (used in combination). Starting in 2022, the WBES bases the industry classification on ISIC Rev. 4 (with earlier surveys using ISIC

Rev. 3.1). For regional coverage within a country, the WBES has national coverage.

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

#### RESPONSE RATE

Overall survey response rate was 38.7%.

#### WEIGHTING

Since the WBES 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 WBES, 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 World Bank 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
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 WBES 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 WBES was implemented by Dahlberg Research.

## questionnaires

#### QUESTIONNAIRES

The standard WBES questionnaire covers several topics regarding the business environment and business performance. These topics include general firm characteristics, infrastructure, sales and supplies, management practices, competition, innovation, capacity, land and permits, finance, business-government relations, exposure to bribery, labor, and performance. Information about the general structure of the questionnaire is available in the Enterprise Surveys Manual and Guide (<https://www.enterprisesurveys.org/content/dam/enterprisesurveys/documents/methodology/Enterprise-Surveys-Manual-and-Guide.pdf>).

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 WBES 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 WBES, 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 WBES 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 World Bank Enterprise Survey Implementation Report"). The variable strata corresponds to the stratum of each observation.

Additionally, the WBES 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 WBES 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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### CITATION REQUIREMENTS

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

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### DISCLAIMER

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## Metadata production

### DDI DOCUMENT ID

DDI\_MDG\_2022\_WBES\_v01\_M\_WB

### PRODUCERS

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

### DATE OF METADATA PRODUCTION

2025-02-06

DDI DOCUMENT VERSION  
Version 01 (February 2025)

**data\_dictionary**

Data file	Cases	variables
<b>Madagascar-2022-full-data.dta</b> Madagascar 2022 World Bank Enterprise Survey full data	402	437



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

Madagascar 2022 World Bank Enterprise Survey full data

Cases: 402

variables: 437

**variables**

ID	Name	Label	Question
V2	idstd	WEB STD FIRMID	
V3	id	Firm ID	
V4	a4a	Industry Sampling Sector	
V5	a6a	Sampling Size	
V6	a2	Sampling Region	
V7	a1c	Sample Frame Level	
V8	competition_select	Random selection for market competition question	
V9	tax_select	Random selection for market tax compliance question	
V10	vat_applicable	Random selection for market tax compliance question	
V11	a4b	Industry Screener Sector	
V12	a0	Questionnaire	
V13	a3a	Region of The Establishment	
V14	a6b	Screener Size, Categorical	
V15	a6c	Screener Size	
V16	a7	Establishment part of a multi-establishment Firm?	
V17	a1a	Language of The Interview	
V18	a14d	Day	
V19	a14m	Month	
V20	a14y	Year	
V21	a14h	Hour	
V22	a14min	Minutes	
V23	a20y	Close Year of The Last Completed Fiscal Year	
V24	a20m	Close Month of The Last Completed Fiscal Year	
V25	a20d	Close Day of The Last Completed Fiscal Year	
V26	a1	Country Code	
V27	a12	Interviewer Number	
V28	a7a	Number of Establishments In The Firm	
V29	a7b	Is This Establishment The Headquarters Location?	
V30	a11	If Hq, Financial Statements Independent of The Rest of Establishment	
V31	a7c	Does This Headquarters Location Engage In Production or Sales At This Location?	
V32	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	
V33	b1	Legal Status of The Firm	
V34	b1x	Other (Specify)	
V35	b3a	Is the largest owner also the top manager	
V36	b2a	% Owned By Private Domestic Individuals, Companies or organizations	
V37	b2b	% Owned By Private Foreign Individuals, Companies or organizations	
V38	b2c	% Owned By Government/State	

ID	Name	Label	Question
V39	b2d	% Owned By Other	
V40	b4	Amongst The Owners of The Firm, Are There Any Females?	
V41	b4a	% of The Firm Owned By Females	
V42	b5	Year Establishment Began Operations	
V43	b6	Number of Full-Time Employees of The Establishment When It Started Operations	
V44	b6b	In What Year Was This Establishment Formally Registered?	
V45	b7	How Many Years of Experience Working In This Sector Does The Top Manager Have?	
V46	b7a	Is The Top Manager Female?	
V47	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	
V48	b8x	Specify The Internationally-Recognized Quality Certifications	
V49	c3	Application To Obtain An Electrical Connection Submitted Over The Last 2 Years	
V50	c4	How Many Days Did It Take For You To Receive An Electrical Connection Service?	
V51	c5	Informal Gift/Payment Expected or Requested For An Electrical Connection?	
V52	c31_BR	Cost to obtain electrical connection	
V53	c32_BR	Electricity consumption in a typical month (kWh)	
V54	c6	Over Last FY, Did This Establishment Experience Power Outages?	
V55	c7	Number of Power Outages Experienced In A Typical Month In Last Fiscal Year	
V56	c8a	Average Duration of Power Outages: Hours	
V57	c8b	Average Duration of Power Outages: Minutes	
V58	c9a	In Last FY, Losses As % of Annual Sales Due To Power Outages	
V59	c9b	In Last FY, Value of Losses Due To Power Outages	
V60	c10	Generator Shared or Owned Over The Course of Last Fiscal Year?	
V61	c11	% Electricity From Generator Owned/Shared By The Establishment In Last FY	
V62	c12	Application To Obtain A Water Connection Submitted Over The Last 2 Years	
V63	c13	How Many Days Did It Take For You To Obtain A Water Connection?	
V64	c14	When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?	
V65	c33_BR	Cost to obtain water connection	
V66	c34_BR	Water consumption in a typical month	
V67	c34b_BR	Unit measure of answer to C34	
V68	c34bx_BR	Other (Specify)	
V69	c15	Did You Experience Insufficient Water Supply For Production In Last FY?	
V70	c152_BR	Did You Experience Insufficient Water Supply In Last FY?	
V71	c15_ESBR	Did this establishment experience insufficient water supply? COMBINED VERSION M	
V72	c16	Frequency of Incidents of Water Shortages In A Typical Month In Last FY	
V73	c162_BR	Frequency of Incidents of Water Shortages In A Typical Month In Last FY	
V74	c16_ESBR	Number of incidents of water insufficiency in a typical month. COMBINED VERSION	
V75	c17	Average Length of Water Shortages (Affecting Production) In Last Fiscal Year	
V76	c172_BR	Average Length of Water Shortages In Last Fiscal Year	
V77	c17_ESBR	Average duration of insufficient water supply COMBINED VERSION Manufacturing fr	
V78	c35a_BR	In Last FY, Losses As % of Annual Sales Due To Water Shortages	
V79	c35b_BR	In Last FY, Value of Losses Due To Water Shortages	
V80	c22b	Establishment Has Its Own Website	

ID	Name	Label	Question
V81	c36_BR	Application To Obtain Fixed Broadband Internet Connection Over The Last 2 Years	
V82	c37_BR	How Many Days Did It Take For You To Obtain Internet Connection?	
V83	c38_BR	Cost to obtain Internet connection	
V84	c39_BR	Did You Experience Internet Disruptions In Last FY?	
V85	c40a_BR	Average Length of Internet Disruptions: Hours	
V86	c40b_BR	Average Length of Internet Disruptions: Minutes	
V87	c41a_BR	In Last FY, Losses As % of Annual Sales Due To Internet Disruptions	
V88	c41b_BR	In Last FY, Value of Losses Due To Internet Disruptions	
V89	c42_BR	How difficult to switch internet providers?	
V90	c30a	How Much of An Obstacle: Electricity To Operations of This Establishment?	
V91	MGp1	What is the method used more often by this establishment for managing finance, a	
V92	MGp2	In which year did this establishment introduce this technology?	
V93	MGp3	Using the list on the card, what is the the procedure used more often by this es	
V94	MGp4	In which year did this establishment introduce this technology?	
V95	MGp5	Does this establishment sell some or all of its products or services directly to	
V96	MGp6	Using the list on the card, what is the sales method used more often by this est	
V97	MGp7	sales method: In which year did this establishment introduce this technology?	
V98	MGp8	What is the payment method used more often BY CUSTOMERS at this establishment?	
V99	MGp9	Payment method: In which year did this establishment introduce this technology?	
V100	MGp10a	Select three of the most severe obstacles faced to adopt new equipment, machines	
V101	MGp10b	Select three of the most severe obstacles faced to adopt new equipment, machines	
V102	MGp10c	Select three of the most severe obstacles faced to adopt new equipment, machines	
V103	MGp11a	select three of the most important reasons for the acquisition of new equipment,	
V104	MGp11b	select three of the most important reasons for the acquisition of new equipment,	
V105	MGp11c	select three of the most important reasons for the acquisition of new equipment,	
V106	d1a1a	Establishment'S Main Product/Service Last FY	
V107	d1a1x	Main Product/Service (By The Largest % of Annual Sales) In Last Fiscal Year	
V108	d1a6a	Total number of hotel rooms in the last FY	
V109	d1a6b	Total areas of rooms in the last FY	
V110	d1a6c	Specify units	
V111	d1a3	Main Product/Service: Percent of Total Annual Sales	
V112	d2	In Last Fiscal Year, What Were This Establishment'S Total Annual Sales?	
V113	d2x	Please Also Write Out The Number	
V114	d2a1	What were the establishment's sales 2 years ago?	
V115	d2a1x	Please Also Write Out The Number	
V116	n3	What were the establishment's sales 3 years ago?	
V117	d3a	% of Sales: National Sales	
V118	d3b	% O Sales: Indirect Exports	
V119	d3c	% of Sales: Direct Exports	
V120	d31x_BR	Main destination of exports (country code)	
V121	d32_BR	Main point of exit	
V122	d4a_BR	In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?	

ID	Name	Label	Question
V123	d4b_BR	If less than a day, total hours for exported goods to clear customs	
V124	d33a_BR	In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age	
V125	d33b_BR	If less than a day, total hours for exported goods to clear all border control a	
V126	d34_BR	FCA costs to comply with all export requirements (% of value of goods exported)	
V127	d35_BR	Any exports shipped by main parcel?	
V128	d36a_BR	In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age	
V129	d36b_BR	If less than a day, total hours for exported goods to clear all border control a	
V130	d37_BR	Average cost of digital exports (% of value of goods)	
V131	d8	In What Year Did This Establishment First Export Directly or Indirectly?	
V132	d12a	% of Material Inputs And Supplies of Domestic origin In Last Fiscal Year	
V133	d12b	% of Material Inputs And Supplies of Foreign origin In Last Fiscal Year	
V134	d13	Were Any of These Material Inputs And Supplies Imported Directly?	
V135	d38x_BR	Main origin of imports (country code)	
V136	d39_BR	Main point of entry	
V137	d14a_BR	Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year	
V138	d14b_BR	If less than a day, total hours for imported goods to clear customs	
V139	d40a_BR	In Last FY, Avg. Num. of Days For Imported Goods To Clear all border control age	
V140	d40b_BR	If less than a day, total hours for imported goods to clear all border control a	
V141	d41_BR	DAP costs to comply with all import requirements (% of value of goods imported)	
V142	d15a	In Clearing Imports Through Customs, Informal Gift/Payment Expected or Requested?	
V143	MGd1a	First most important factors that influence the decision of buyers to purchase i	
V144	MGd1b	Second most important factors that influence the decision of buyers to purchase	
V145	MGd1c	third most important factors that influence the decision of buyers to purchase i	
V146	d30a	How Much of An Obstacle: Transport?	
V147	d30b	How Much of An Obstacle: Customs And Trade Regulations?	
V148	o1_BR	In the last three years, establishment had any commercial dispute?	
V149	o2_BR	Use of courts, arbitration etc. to (or attempt to ) resolve commercial dispute?	
V150	o3a_BR	Reliable alternative to courts for resolving commercial disputes: Arbitration?	
V151	o3b_BR	Reliable alternative to courts for resolving commercial disputes: Mediation etc.?	
V152	r1	What Happened When Problem In The Production Process/Services Provision Arose?	
V153	r2	Did This Establishment Monitor Any Production/Service Performance Indicators?	
V154	r3	How Many Production/Service Provision Performance Indicators Were Monitored?	
V155	r4	Did This Establishment Have Production/Service Provision Targets?	
V156	r5	What Best Describes The Time Frame of Production/Service Provision Targets?	
V157	r6	How Easy To Achieve Its Production/Service Provision Targets?	
V158	r7	Who Was Aware of The Production/Service Provision Targets At This Establishment?	
V159	r8	Was There Performance Bonuses Based On Production/Service Provision Targets?	
V160	r9	What Were Managers' Performance Bonuses Usually Based On?	
V161	r10	What Was The Primary Way Non-Managers Were Promoted?	
V162	MGr1	Source of information more often used by this establishment to make decisions ab	
V163	MGr2	Experience of CEO or top manager in a firm with more with more than 50 employees	

ID	Name	Label	Question
V164	MGr3	What are the main challenges that limit women in starting or managing businesses	
V165	r11	When Was An Under-Performing Non-Manager Reassigned or Dismissed?	
V166	e1	In Last FY, Main Market For Establishment'S Main Product	
V167	e1_BR	In Last FY, Main Market For Establishment'S Main Product. Asked of services esta	
V168	e1_ESBR	In Last FY, Main Market For Establishment'S Main Product. COMBINED VERSION Manuf	
V169	e2b	Competitors For The Main Product/Service In The Main Market	
V170	e2b_BR	Competitors For The Main Product/Service In The Main Market. Asked of services e	
V171	e2b_ESBR	Competitors For The Main Product/Service In The Main Market. COMBINED VERSION Ma	
V172	e31a_BR	Market share of largest competitor in the last fiscal year	
V173	e31b_BR	Market share of largest competitor in the last fiscal year	
V174	e6	Do You Use Technology Licensed From A Foreign-Owned Company?	
V175	e6_BR	Do You Use Technology Licensed From A Foreign-Owned Company? Asked of services e	
V176	e6_ESBR	Do You Use Technology Licensed From A Foreign-Owned Company? COMBINED VERSION M	
V177	e11	Does This Establishment Compete Against Unregistered or Informal Firms?	
V178	e32_BR	Change in competition in the last year?	
V179	e33_BR	Establishment can increase prices more than competitors without losing customers	
V180	e34_BR	SOEs operating in the establishment's main market?	
V181	e35_BR	How SOE affects ability to grow and expand?	
V182	e30	How Much of An Obstacle: Practices of Competitors In Informal Sector?	
V183	h1	New Products/Services Introduced Over Last 3 Yrs	
V184	h2	New Products/Services Also New For Thr Establishment'S Main Market	
V185	h3x	Describe In Detail The Main New or Significantly Improved Product or Service	
V186	h4x	Describe How The Main New/Significantly Improved Product or Service Is Different	
V187	h5	During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process	
V188	h6x	Describe Main New/Significantly Improved Process This Establishment Introduced	
V189	h7x	How The Main New/Significantly Improved Process Is Different	
V190	h8	During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?	
V191	h9	How Much Spent On R&D, Either In-House or External?	
V192	f1	In Last FY, What Was The Capacity Utilization (%) of This Establishment?	
V193	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	
V194	g3	How Many Days Did It Take For You To Obtain A Construction-Related Permit?	
V195	g4	Informal Gift/Payment Expected or Requested For A Construction-Related Permit	
V196	g31_BR	In last 2 years, establishment applied for occupancy permit	
V197	g32_BR	Wait for occupancy permit	
V198	g33_BR	Cost of occupancy permit	
V199	g5a	What Is The Total Selling Area In This Establishment?	
V200	g5b	The Area Is Measured In:	
V201	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	
V202	g30a	How Much of An Obstacle: Access To Land?	
V203	ge3_BR	Experience damage of physical assets due to extreme weather events?	
V204	ge3a_BR	Monetary damage of physical assets?	

ID	Name	Label	Question
V205	ge7_BR	Over the last 3 years, establishment monitor its CO2 emissions?	
V206	ge8d_BR	Over last 3 years, establishment adopt energy management measures?	
V207	k3a	% of Working Capital Financed From Internal Funds/Retained Earnings	
V208	k3bc	% of Working Capital Borrowed From Banks	
V209	k3e	% of Working Capital Borrowed From Non-Bank Financial Institutions	
V210	k3f	% of Working Capital Purchased On Credit/Advances From Suppliers /Customers	
V211	k3hd	% of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	
V212	k4	Did This Establishment Purchase Any Fixed Assets In Last FY?	
V213	n5a	Total Annual Expenditure For Purchases of Equipment In Last FY	
V214	n5b	Total Annual Expenditure For Purchases of Land And Buildings In Last FY	
V215	k5a	Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings	
V216	k5a1	Fixed Assets - Value Internal Funds or Retained Earnings	
V217	k5i	Last FY, % Fixed Assets Funded By: Owners' Contributions or Issued New Equity	
V218	k5i1	Fixed Assets - Value Owners' Contribution or Issued New Equity Shares	
V219	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	
V220	k5bc1	Fixed Assets - Value Borrowed From Banks	
V221	k5e	Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions	
V222	k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	
V223	k5f	Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	
V224	k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	
V225	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	
V226	k5hdj1	Fixed Assets - Value Other	
V227	k4b	Purchase Any New/Used Fixed Assets?	
V228	n5c	Total Annual Expenditure For Purchases of Equipment In Year Prior To Last FY	
V229	n5d	Total Annual Expenditure On Land And Buildings In Year Prior To Last FY	
V230	k6	Does This Establishment Have A Checking And/or Saving Account?	
V231	k7	At This Time, Does This Establishment Have An Overdraft Facility?	
V232	k8	Establishment Has A Line of Credit or Loan From A Financial Institution?	
V233	k82_BR	Establishment Has A Line of Credit or Loan From A Financial Institution?	
V234	k9	Type of Financial Institution That Granted The Line of Credit or Loan	
V235	k10	Year When The Most Recent Loan/Line of Credit Approved	
V236	k11	For The Most Recent Loan, What Was The Value At The Time of Approval?	
V237	k13	Financing Required For The Most Recent Line of Credit or Loan	
V238	k14a	Type of Collateral Required For The Most Recent Loan? Land, Buildings	
V239	k14b	Type of Collateral Required For The Most Recent Loan? Equipment	
V240	k14c	Type of Collateral Required For The Most Recent Loan? Accounts	
V241	k14d	Type of Collateral Required For The Most Recent Loan? Personal Assets	
V242	k14e	Type of Collateral Required For The Most Recent Loan? Other	
V243	k15a	Value of Collateral Required For The Most Recent Credit/Loan	
V244	k15b	Total Number of Open Lines of Credit and Outstanding Loans	
V245	k15c	Total Outstanding Balance of All Open Lines of Credit and Loans (LCU)	
V246	k15d	Outstanding Personal Loans Used To Finance Establishment'S Business Activities?	
V247	k16	In Last FY, Did Establishment Apply For New Loans/Lines of Credit?	
V248	k162_BR	In Last FY, Did Establishment Apply For New Loans/Lines of Credit?	

ID	Name	Label	Question
V249	k17	Main Reason For Not Applying For New Loans or New Lines of Credit	
V250	k20a1	What Was The Outcome of That Most Recent Application For Loan/Line of Credit?	
V251	k31_BR	Total cost to apply for most recent loan	
V252	k32_BR	Days to receive a decision about most recent loan application	
V253	k21	Financial Statements Checked & Certified By External Auditor In Last FY?	
V254	k33_BR	Percentage of payments received using e-payments	
V255	k34_BR	Main type of e-payment accepted	
V256	k35_BR	Avg. days to receive main type of e-payment	
V257	k36_BR	Cost per transaction (% of transaction) to receive main type of e-payment	
V258	k37_BR	Monthly fees and subscription costs to receive main type of e-payment	
V259	k38_BR	Percentage of payments made using e-payments	
V260	k39_BR	Main type of e-payment used to make payments	
V261	k40_BR	Cost per transaction (% of transaction) to make main type of e-payment	
V262	k30	How Much of An Obstacle: Access To Finance	
V263	j31_BR	In resolving commercial disputes, courts are independent and impartial	
V264	j2	What % of Senior Management Time Was Spent In Dealing With Govt Regulations?	
V265	j3	Over The Last 12 Months, Was This Establishment Inspected By Tax officials?	
V266	j4	Frequency of Inspections/Requirement For Meeting By Tax officials	
V267	j5	In Any of These Inspections Was A Gift/Informal Payment Requested ?	
V268	j32_BR	Did any of these visits or meetings consist of a tax audit?	
V269	j33_BR	Weeks until final audit report was received	
V270	j34_BR	Establishment outsourced some tax-related activities in the last FY	
V271	j35a_BR	Total annual time spent on tax compliance (hours)	
V272	j35b_BR	Average monthly time spent on tax compliance (hours)	
V273	j36_BR	In last FY, did establishment file taxes electronically	
V274	j37_BR	In last FY, did establishment pay taxes electronically	
V275	j38_BR	In the last 3 yrs., establishment has applied for a VAT refund	
V276	j39_BR	Weeks to receive VAT refund	
V277	j40_BR	Main reason for not applying for a VAT tax refund	
V278	j6a	Government Contract Secured (or Attempted) In The Last 12 Months?	
V279	j41_BR	Degree of difficulty to comply with govt contract tender requirements	
V280	j42_BR	Establishment has held a govt contract in last 3 yrs?	
V281	j43_BR	Typical number of days to receive payment under govt contract	
V282	j7a	Percent of Total Annual Sales Paid In Informal Payments	
V283	j7b	Total Annual Informal Payment	
V284	j10	Application To Obtain An Import License Submitted Over The Last 2 Years?	
V285	j11	How Many Days Did It Take To Obtain Your Import License?	
V286	j12	When You Applied For An Import License, Was An Informal Gift/Payment Requested?	
V287	j13	Application To Obtain An Operating License Submitted Over Last 2 Years?	
V288	j14	How Many Days Did It Take To Obtain Your Operating License?	
V289	j15	When You Applied For Operating License Was An Informal Gift/Payment Requested?	
V290	j30a	How Much of An Obstacle: Tax Rates	
V291	j30b	How Much of An Obstacle: Tax Administrations	

ID	Name	Label	Question
V292	j30c	How Much of An Obstacle: Business Licensing And Permits	
V293	j30e	How Much of An Obstacle: Political Instability	
V294	j30f	How Much of An Obstacle: Corruption	
V295	h30	How Much of An Obstacle: Courts	
V296	i30	How Much of An Obstacle: Crime, Theft And Disorder?	
V297	l1	Num. Permanent, Full-Time Employees At End of Last Fiscal Year	
V298	l2	Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago	
V299	l3a	Num. Full-Time Employees At End of Last FY: Production Workers	
V300	l3b	Num. Full-Time Employees At End of Last FY: Non-Production Workers	
V301	MGI1a	Num of permanent, full-time individuals in this establishment had : written cont	
V302	MGI1b	Num of permanent, full-time individuals in this establishment had : social secu	
V303	l4a1	Num. of Permanent, Full-Time Skilled Production Workers, Last FY	
V304	l4a2	Num. of Permanent, Full-Time Semi-skilled Production Workers, Last FY	
V305	l4b	Num. of Permanent, Full-Time Low-skilled Production Workers, Last FY	
V306	l5a	Num. Full-Time Employees At End of Last FY: Female Production Workers	
V307	l5b	Num. Full-Time Employees At End of Last FY: Female Non-Production Workers	
V308	l5	Num. Full-Time Employees At End of Last FY: Female	
V309	l9b	% of Full Time Workers Completed High School End of Last FY	
V310	l9b1	Number of Full Time Workers Completed High School	
V311	l10	Formal Training Programs For Permanent, Full-Time Employees In Last FY	
V312	l11a	% Permanent Full-Time Production Employees Received Formal Training In Last FY	
V313	l11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	
V314	l11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY	
V315	l11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	
V316	l31_BR	In the last FY, number of workers establishment needed to hire	
V317	l32_BR	In the last FY, number of workers establishment hired	
V318	l33_BR	Main reason establishment did not hire more workers in the last FY	
V319	l34_BR	In the last 3 yrs., establishment has dismissed any permanent, full-time workers	
V320	l35_BR	Typical number of weeks to dismiss full-time permanent worker	
V321	l36_BR	Typical number of weeks paid in severance	
V322	l1a_BR	Num. Permanent, Full-Time Man Employees At End of Last Fiscal Year	
V323	l6	Num. Full-Time Temporary Employees At End of Last FY	
V324	l6a	Female Temporary, Full-Time Workers Employed Throughout Last FY	
V325	MGI2a	Num of Workers with written contracts	
V326	MGI2b	Num of Workers with social security benefits	
V327	l8	Avg. Length of Employment of All Full-Time Temporary Employees In Last FY	
V328	l37_BR	In the last 3 yrs., establishment has been involved in any labor dispute	
V329	l38_BR	Typical number of weeks to resolve labor dispute	
V330	l39_BR	Cost to resolve labor dispute	
V331	l40_BR	In last FY, was establishment visited by health and safety inspectors	
V332	l41_BR	Was a report issued for health and safety inspection	
V333	l30a	How Much of An Obstacle: Labor Regulations?	
V334	l30b	How Much of An Obstacle: Inadequately Educated Workforce?	

ID	Name	Label	Question
V335	MGs5a	Rate Skills of Managers: Numeracy	
V336	MGs5b	Rate Skills of Managers: Problem Solving/Critical Thinking	
V337	MGs5c	Rate Skills of Managers: Foreign Languages	
V338	MGs5d	Rate Skills of Managers: Managerial And Leadership	
V339	MGs5e	Rate Skills of Managers: Interpersonal And Communication	
V340	MGs5f	Rate Skills of Managers: Job Specific Technical	
V341	MGs6a	Rate Skills of Professionals: Numeracy	
V342	MGs6b	Rate Skills of Professionals: Problem Solving/Critical Thinking	
V343	MGs6c	Rate Skills of Professionals: Foreign Languages	
V344	MGs6d	Rate Skills of Professionals: Managerial And Leadership	
V345	MGs6e	Rate Skills of Professionals: Interpersonal And Communication	
V346	MGs6f	Rate Skills of Professionals: Job Specific Technical	
V347	MGs7a	Rate Skills of Technicians & Support Services: Numeracy	
V348	MGs7b	Rate Skills of Technicians & Support Services: Problem Solving/Critical Thinking	
V349	MGs7c	Rate Skills of Technicians & Support Services: Foreign Languages	
V350	MGs7d	Rate Skills of Technicians & Support Services: Managerial And Leadership	
V351	MGs7e	Rate Skills of Technicians & Support Services: Interpersonal & Communication	
V352	MGs7f	Rate Skills of Technicians & Support Services: Job Specific Technical	
V353	MGs10a	Important Skills In Deciding To Hire Managers	
V354	MGs10b	Important Skills In Deciding To Hire Professionals	
V355	MGs10c	Important Skills In Deciding To Hire Technicians and Support Services	
V356	MGs11	What Was the Primary Focus of The Formal Training Programs?	
V357	m1a	Biggest Obstacle Affecting The Operation of This Establishment	
V358	m1a_finance_pos	m1a: Position of Access to Finance	
V359	m1a_land_pos	m1a: Position of Access to land	
V360	m1a_permit_pos	m1a: Position of Business licensing and permits	
V361	m1a_corruption_pos	m1a: Position of corruption	
V362	m1a_courts_pos	m1a: Position of Courts	
V363	m1a_crime_pos	m1a: Position of Crime, theft and disorder	
V364	m1a_trade_pos	m1a: Position of Customs and trade regulations	
V365	m1a_electricity_pos	m1a: Position of Electricity	
V366	m1a_workforce_pos	m1a: Position of Inadequately educated workforce	
V367	m1a_labor_pos	m1a: Position of Labor regulations	
V368	m1a_instability_pos	m1a: Position of Political instability	
V369	m1a_informal_pos	m1a: Position of Practices of competitors in the informal sector	
V370	m1a_taxadmin_pos	m1a: Position of Tax administration	
V371	m1a_taxrate_pos	m1a: Position of Tax rates	
V372	m1a_transport_pos	m1a: Position of Transport	
V373	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	
V374	n2a2_BR	Social security payments and employment-based taxes	
V375	n2b	Total Annual Costs of Electricity In Last Fiscal Year	
V376	n2k_BR	Total Annual Cost of Water	
V377	n2l_BR	Total Annual Cost of high-speed, fixed broadband internet	
V378	n2e	Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	
V379	n2i	Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY	

ID	Name	Label	Question
V380	n2a1	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) 2 fiscal years ago	
V381	n2e1	Total Cost of Raw Materials And Intermediate Goods Used In Production	
V382	n7a	Cost For Establishment To Re-Purchase All of Its Machinery	
V383	n11_BR	Effective income-based tax rate	
V384	n12_BR	Effective consumption tax rate	
V385	a15d	Day	
V386	a15m	Month	
V387	a15y	Year	
V388	a15h	Hour	
V389	a15min	Minutes	
V390	a16	Perception of The Questions Regarding Opinions And Perceptions	
V391	a17	Responses To The Questions About Figures Are...	
V392	a18	This Questionnaire Was Completed In:	
V393	a19h	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours	
V394	a19m	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes	
V395	a13	Supervisor Number	
V396	a3b	official Capital City?	
V397	a3c	Main Business City?	
V398	a3	Size of Locality	
V399	d1a2	Main Product/Service ISIC (Rev. 3.1) Code	
V400	strata_BR	Strata for follow-up survey sample. Will differ from strata due to collapsing	
V401	wstrict_BR	Weights for follow-up survey sample questions according to strict eligibility	
V402	wmedian_BR	Weights for follow-up survey sample questions according to median eligibility	
V403	wweak_BR	Weights for follow-up survey sample questions according to weak eligibility	
V404	b3	What Percentage of This Firm Does The Largest Owner(S) Own?	
V405	d4	In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?	
V406	d5a	In Clearing Exports Through Customs, Informal Gift/Payment Expected or Requested?	
V407	d10	In Last FY, % of Value of Products Lost In Transit Due To Theft	
V408	d11	In Last FY, % of Value of Products Lost In Transit Due To Breakage or Spoilage?	
V409	d14	Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year	
V410	f2	Number of Hours Per Week Operated By The Establishment In Last Fiscal Year	
V411	g6a	Percentage of The Building Occupied: Owned By This Establishment	
V412	g1a	Percentage of The Land Occupied: Owned By This Establishment	
V413	i1	In Last FY, Did This Establishment Pay For Security?	
V414	i2a	Percentage of Total Annual Sales Paid For Security In Last Fiscal Year	
V415	i2b	In Last Fiscal Year, What Is The Total Annual Cost of Security?	
V416	i3	Losses Due To Theft, Robbery, Vandalism or Arson Experienced In Last Fiscal Year	
V417	i4a	Losses Due To Theft, Robbery, Vandalism or Arson In Last FY (% of Sales)	
V418	i4b	Value of Losses Due To Theft, Robbery, Vandalism or Arson In Last FY	
V419	h7a	The Court System Is Fair, Impartial And Uncorrupted	
V420	MGj1	The concentration of economic assets among a few businesses in the country is de	
V421	j6	% of Value Avg. Establishment Pays In Informal Gifts To Govt To Secure Contract?	
V422	j30_taxrate_pos	J30: rotation position 1	
V423	j30_taxadmin_pos	J30: rotation position 2	

ID	Name	Label	Question
V424	j30_permit_pos	J30: rotation position 3	
V425	j30_instability_pos	J30: rotation position 4	
V426	j30_corruption_pos	J30: rotation position 5	
V427	j30_courts_pos	J30: rotation position 6	
V428	stratificationregioncode	stratificationregioncode	
V429	stratificationsizecode	stratificationsizecode	
V430	stratificationsectorcode	stratificationsectorcode	
V431	wstrict	Weight according to strict eligibility	
V432	wmedian	Weight according to median eligibility	
V433	wweak	Weight according to weak eligibility	
V434	a20_BR	YEAR	
V435	terminate_s9	Terminate: cooperative	
V436	a12_f	Interviewer code follow up	
V437	stratificationpanelcode	panelcode	
V438	strata	see notes	

total: 437



**VAT\_APPLICABLE: Random selection for market tax compliance question****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 322 Invalid: 80 Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	322	100%
2	No	0	0%
Sysmiss		80	

**A4B: Industry Screener Sector****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid: Minimum: 15 Maximum: 72  
 Type: Discrete Decimal: 0 Width: 2 Range: 15 - 72 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
15	1	29	7.2%
16	2	0	0%
17	3	19	4.7%
18	4	16	4%
19	5	1	0.2%
20	6	12	3%
21	7	3	0.7%
22	8	2	0.5%
23	9	0	0%
24	10	12	3%
25	11	4	1%
26	12	5	1.2%
27	13	1	0.2%
28	14	11	2.7%
29	15	1	0.2%

31	16	0	0%
33	17	0	0%
34	18	0	0%
36	19	1	0.2%
37	20	3	0.7%
45	21	28	7%
50	22	10	2.5%
51	23	59	14.7%
52	24	86	21.4%
55	25	49	12.2%
60	26	26	6.5%
61	27	1	0.2%
63	28	1	0.2%
64	29	1	0.2%
72	30	21	5.2%

## IDSTD: WEB STD FIRMID

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

### Overview

Valid: 402 Invalid: Minimum: 948617 Maximum: 949018  
 Type: Continuous Decimal: 0 Width: 6 Range: 948617 - 949018 Format: Numeric

## ID: Firm ID

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

### Overview

Valid: 402 Invalid: Minimum: 109 Maximum: 77217  
 Type: Continuous Decimal: 0 Width: 5 Range: 109 - 77217 Format: Numeric

## A4A: Industry Sampling Sector

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 6 Format: Numeric

## Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Food	35	8.7%
2	Garments	36	9%
3	Other Manufacturing	70	17.4%
4	Retail	63	15.7%
5	Wholesale	70	17.4%
6	Other Services	128	31.8%
7	Garments and Other Manufacturing	0	0%
8	Food and Other Manufacturing	0	0%
9	Retail and Wholesale	0	0%
10	Wholesale and Other Services	0	0%
11	Retail, Wholesale, and Other Services	0	0%

## A6A: Sampling Size

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Small	194	48.3%
2	Medium	143	35.6%
3	Large	65	16.2%

## A2: Sampling Region

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 8 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Analamanga	189	47%

2	Anosy	7	1.7%
3	Atsimo Andrefana	29	7.2%
4	Atsinanana	50	12.4%
5	Boeni	41	10.2%
6	Diana	47	11.7%
7	Sava	7	1.7%
8	Vakinakaratra	32	8%
9	Atsimo Andrefana and Anosy	0	0%
10	Diana and Sava	0	0%

## A1C: Sample Frame Level

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Establishment	402	100%
2	Firm	0	0%

## COMPETITION\_SELECT: Random selection for market competition question

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

### Overview

Valid: 241 Invalid: 161 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		128	53.1%
1		113	46.9%
Sysmiss		161	

**TAX\_SELECT: Random selection for market tax compliance question****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 241 Invalid: 161 Minimum: 0 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		112	46.5%
1		129	53.5%
Sysmiss		161	

**A0: Questionnaire****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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	29.6%
2	Retail services	84	20.9%
3	Other services	199	49.5%

**A3A: Region of The Establishment****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid: Minimum: 1 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 8 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Analamanga	189	47%

2	Anosy	7	1.7%
3	Atsimo Andrefana	29	7.2%
4	Atsinanana	50	12.4%
5	Boeni	41	10.2%
6	Diana	47	11.7%
7	Sava	7	1.7%
8	Vakinakaratra	32	8%
9	Atsimo Andrefana and Anosy	0	0%
10	Diana and Sava	0	0%

## A6B: Screener Size, Categorical

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Micro	0	0%
1	Small	264	65.7%
2	Medium	81	20.1%
3	Large	57	14.2%

## A6C: Screener Size

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

### Overview

Valid: 402 Invalid: Minimum: 5 Maximum: 4062  
 Type: Continuous Decimal: 0 Width: 4 Range: 5 - 4062 Format: Numeric

## A7: Establishment part of a multi-establishment Firm?

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	50	12.4%
2	No	352	87.6%

### A1A: Language of The Interview

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

#### Overview

Valid: 402 Invalid: Minimum: 2 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 2 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	English	0	0%
2	Malagasy	385	95.8%
3	French	17	4.2%

### A14D: Day

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		9	2.2%
2		12	3%
3		12	3%
4		14	3.5%
5		10	2.5%
6		12	3%
7		11	2.7%

8		23	5.7%
9		14	3.5%
10		17	4.2%
11		13	3.2%
12		22	5.5%
13		9	2.2%
14		12	3%
15		6	1.5%
16		12	3%
17		3	0.7%
18		11	2.7%
19		15	3.7%
20		11	2.7%
21		7	1.7%
22		9	2.2%
23		10	2.5%
24		19	4.7%
25		16	4%
26		14	3.5%
27		29	7.2%
28		13	3.2%
29		15	3.7%
30		14	3.5%
31		8	2%

## A14M: Month

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

### Overview

Valid: 402 Invalid: Minimum: 5 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: 5 - 11 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
5		48	11.9%
6		59	14.7%
7		58	14.4%

8		94	23.4%
9		62	15.4%
10		43	10.7%
11		38	9.5%

## A14Y: Year

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

### Overview

Valid: 402 Invalid: Minimum: 2022 Maximum: 2022  
 Type: Discrete Decimal: 0 Width: 4 Range: 2022 - 2022 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2022		402	100%

## A14H: Hour

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

### Overview

Valid: 402 Invalid: Minimum: 6 Maximum: 19  
 Type: Discrete Decimal: 0 Width: 2 Range: 6 - 19 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
6		3	0.7%
7		9	2.2%
8		18	4.5%
9		71	17.7%
10		55	13.7%
11		43	10.7%
12		26	6.5%
13		23	5.7%
14		60	14.9%
15		47	11.7%
16		28	7%

17		16	4%
18		2	0.5%
19		1	0.2%

### A14MIN: Minutes

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

#### Overview

Valid: 402 Invalid: Minimum: 0 Maximum: 59  
 Type: Continuous Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

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

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

#### Overview

Valid: 402 Invalid: Minimum: 2021 Maximum: 2022  
 Type: Discrete Decimal: 0 Width: 4 Range: 2021 - 2022 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2021		337	83.8%
2022		65	16.2%

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

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 12 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		1	0.2%
2		4	1%
3		39	9.7%
4		11	2.7%

5		6	1.5%
6		9	2.2%
7		3	0.7%
8		5	1.2%
9		2	0.5%
11		4	1%
12		318	79.1%

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

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

### Overview

Valid: 402 Invalid: Minimum: 28 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 28 - 31 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
28		4	1%
30		26	6.5%
31		372	92.5%

## A1: Country Code

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

### Overview

Valid: 402 Invalid: Minimum: 81 Maximum: 81  
 Type: Discrete Decimal: 0 Width: 2 Range: 81 - 81 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
81		402	100%

## A12: Interviewer Number

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

## Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 39  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 39 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1	0.2%
2		3	0.7%
3		6	1.5%
4		4	1%
5		8	2%
6		26	6.5%
7		11	2.7%
8		2	0.5%
9		1	0.2%
10		1	0.2%
11		18	4.5%
12		17	4.2%
13		6	1.5%
14		1	0.2%
15		25	6.2%
16		12	3%
17		2	0.5%
18		23	5.7%
19		1	0.2%
20		6	1.5%
21		11	2.7%
22		30	7.5%
23		6	1.5%
24		3	0.7%
25		1	0.2%
26		3	0.7%
27		1	0.2%
28		1	0.2%
29		1	0.2%
30		16	4%
31		19	4.7%
32		2	0.5%

33		6	1.5%
34		7	1.7%
35		53	13.2%
36		13	3.2%
37		1	0.2%
38		24	6%
39		30	7.5%

## A7A: Number of Establishments In The Firm

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

### Overview

Valid: 50 Invalid: 352 Minimum: 2 Maximum: 200  
 Type: Discrete Decimal: 0 Width: 3 Range: 2 - 200 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
2		15	30%
3		12	24%
4		9	18%
5		5	10%
6		2	4%
7		2	4%
10		3	6%
100		1	2%
200		1	2%
Sysmiss		352	

## A7B: Is This Establishment The Headquarters Location?

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

### Overview

Valid: 50 Invalid: 352 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	39	78%
2	No	11	22%
Sysmiss		352	

### A11: If Hq, Financial Statements Independent of The Rest of Establishment

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

#### Overview

Valid: 39 Invalid: 363 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	37	94.9%
2	No	2	5.1%
Sysmiss		363	

### A7C: Does This Headquarters Location Engage In Production or Sales At This Location?

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

#### Overview

Valid: 39 Invalid: 363 Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Yes	39	100%
2	No	0	0%
Sysmiss		363	

**A9: Establishment'S Financial Statements Prepared Separately From Hq Statements****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 10 Invalid: 392 Minimum: 1 Maximum: 1  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 1 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Yes	10	100%
2	No	0	0%
Sysmiss		392	

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

Valid: 402 Invalid: 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	Shareholding company with shares traded on the stock market	17	4.2%
2	Shareholding company with non-traded shares or shares traded privately	11	2.7%
3	Sole proprietorship	335	83.3%
4	Partnership	39	9.7%
5	Limited partnership	0	0%
6	Other	0	0%

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

Valid: 402 Invalid:  
 Type: Discrete Width: 1 Range: - Format: character

**B3A: Is the largest owner also the top manager**

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

**Overview**

Valid: 402 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	0.5%
1	Yes	356	88.6%
2	No	44	10.9%

**B2A: % Owned By Private Domestic Individuals, Companies or organizations**

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

**Overview**

Valid: 402 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)	11	2.7%
0		56	13.9%
1		1	0.2%
10		1	0.2%
18		1	0.2%
23		1	0.2%
40		1	0.2%
45		1	0.2%
50		3	0.7%
51		1	0.2%
65		1	0.2%
70		1	0.2%
75		1	0.2%
80		1	0.2%
90		1	0.2%

100		320	79.6%
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## B2B: % Owned By Private Foreign Individuals, Companies or organizations

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

### Overview

Valid: 402 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)	13	3.2%
0		338	84.1%
32		1	0.2%
35		1	0.2%
49		1	0.2%
50		3	0.7%
60		1	0.2%
77		1	0.2%
90		1	0.2%
99		1	0.2%
100		41	10.2%

## B2C: % Owned By Government/State

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

### Overview

Valid: 402 Invalid: Minimum: -9  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	12	3%
0		390	97%

**B2D: % Owned By Other****Data file:** Madagascar-2022-full-data.dta**Overview**

Valid: 402 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)	13	3.2%
0		370	92%
25		1	0.2%
30		2	0.5%
50		1	0.2%
100		15	3.7%

**B4: Amongst The Owners of The Firm, Are There Any Females?****Data file:** Madagascar-2022-full-data.dta**Overview**

Valid: 402 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	101	25.1%
2	No	301	74.9%

**B4A: % of The Firm Owned By Females****Data file:** Madagascar-2022-full-data.dta**Overview**

Valid: 101 Invalid: 301 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)	9	8.9%
1		2	2%
8		1	1%
10		1	1%
15		2	2%
20		2	2%
25		1	1%
30		2	2%
40		1	1%
50		7	6.9%
70		1	1%
80		1	1%
90		1	1%
100		70	69.3%
Sysmiss		301	

## B5: Year Establishment Began Operations

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

### Overview

Valid: 402 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)	3	0.7%
1925		1	0.2%
1928		1	0.2%
1933		1	0.2%
1945		1	0.2%
1947		1	0.2%
1949		2	0.5%
1950		1	0.2%

1952		1	0.2%
1953		1	0.2%
1955		1	0.2%
1956		1	0.2%
1960		1	0.2%
1962		1	0.2%
1964		1	0.2%
1965		1	0.2%
1967		1	0.2%
1968		1	0.2%
1970		3	0.7%
1971		1	0.2%
1972		1	0.2%
1974		2	0.5%
1975		1	0.2%
1976		1	0.2%
1977		2	0.5%
1984		2	0.5%
1985		2	0.5%
1986		1	0.2%
1987		1	0.2%
1988		1	0.2%
1989		6	1.5%
1990		3	0.7%
1991		5	1.2%
1992		5	1.2%
1993		3	0.7%
1994		5	1.2%
1995		2	0.5%
1996		4	1%
1997		7	1.7%
1998		15	3.7%
1999		3	0.7%
2000		22	5.5%
2001		4	1%
2002		14	3.5%
2003		9	2.2%
2004		9	2.2%
2005		8	2%

2006		7	1.7%
2007		12	3%
2008		9	2.2%
2009		10	2.5%
2010		18	4.5%
2011		20	5%
2012		14	3.5%
2013		14	3.5%
2014		13	3.2%
2015		14	3.5%
2016		21	5.2%
2017		23	5.7%
2018		18	4.5%
2019		25	6.2%
2020		16	4%
2021		5	1.2%

## B6: Number of Full-Time Employees of The Establishment When It Started Operations

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

### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 2020  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2020 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	32	8%
1		17	4.2%
2		41	10.2%
3		26	6.5%
4		19	4.7%
5		51	12.7%
6		40	10%
7		10	2.5%
8		14	3.5%
9		3	0.7%
10		30	7.5%

11		2	0.5%
12		6	1.5%
13		5	1.2%
15		20	5%
16		4	1%
18		2	0.5%
19		3	0.7%
20		11	2.7%
22		3	0.7%
23		1	0.2%
25		4	1%
30		7	1.7%
31		1	0.2%
40		8	2%
45		2	0.5%
50		5	1.2%
52		1	0.2%
55		1	0.2%
66		1	0.2%
80		1	0.2%
81		1	0.2%
90		1	0.2%
100		4	1%
105		1	0.2%
130		1	0.2%
150		4	1%
200		7	1.7%
201		1	0.2%
250		1	0.2%
300		1	0.2%
350		1	0.2%
400		2	0.5%
450		2	0.5%
501		1	0.2%
600		1	0.2%
1250		1	0.2%
2020		1	0.2%

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

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

**Overview**

Valid: 402 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)	7	1.7%
-7	Never registered (spontaneous)	0	0%
1928		1	0.2%
1933		1	0.2%
1945		1	0.2%
1947		1	0.2%
1949		2	0.5%
1950		1	0.2%
1952		1	0.2%
1953		1	0.2%
1954		1	0.2%
1955		1	0.2%
1956		1	0.2%
1960		1	0.2%
1962		1	0.2%
1964		1	0.2%
1967		1	0.2%
1968		1	0.2%
1970		3	0.7%
1971		1	0.2%
1972		1	0.2%
1974		2	0.5%
1975		1	0.2%
1976		1	0.2%
1977		2	0.5%
1984		2	0.5%
1985		2	0.5%
1987		1	0.2%
1988		1	0.2%
1989		3	0.7%

1990		6	1.5%
1991		3	0.7%
1992		7	1.7%
1993		2	0.5%
1994		5	1.2%
1995		2	0.5%
1996		2	0.5%
1997		6	1.5%
1998		15	3.7%
1999		1	0.2%
2000		16	4%
2001		3	0.7%
2002		15	3.7%
2003		7	1.7%
2004		6	1.5%
2005		12	3%
2006		6	1.5%
2007		14	3.5%
2008		10	2.5%
2009		11	2.7%
2010		16	4%
2011		20	5%
2012		10	2.5%
2013		15	3.7%
2014		17	4.2%
2015		6	1.5%
2016		24	6%
2017		22	5.5%
2018		18	4.5%
2019		35	8.7%
2020		20	5%
2021		6	1.5%

### B7: How Many Years of Experience Working In This Sector Does The Top Manager Have?

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 64  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 64 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	12	3%
1	One year or less	16	4%
2		11	2.7%
3		19	4.7%
4		16	4%
5		31	7.7%
6		21	5.2%
7		10	2.5%
8		17	4.2%
9		14	3.5%
10		25	6.2%
11		10	2.5%
12		14	3.5%
13		7	1.7%
14		6	1.5%
15		10	2.5%
16		5	1.2%
17		5	1.2%
18		8	2%
19		7	1.7%
20		27	6.7%
21		8	2%
22		14	3.5%
23		5	1.2%
24		4	1%
25		10	2.5%
26		2	0.5%
27		4	1%
28		4	1%
30		29	7.2%
31		3	0.7%
32		4	1%
33		2	0.5%
34		1	0.2%
35		3	0.7%

36		1	0.2%
37		2	0.5%
38		2	0.5%
40		3	0.7%
45		1	0.2%
47		1	0.2%
50		2	0.5%
51		1	0.2%
52		1	0.2%
55		1	0.2%
60		2	0.5%
64		1	0.2%

### B7A: Is The Top Manager Female?

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

#### Overview

Valid: 402 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	131	32.6%
2	No	270	67.2%

### B8: Does Establishment Have An Internationally-Recognized Quality Certification?

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

#### Overview

Valid: 402 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)	24	6%

-6	Still in process	3	0.7%
1	Yes	58	14.4%
2	No	317	78.9%

### B8X: Specify The Internationally-Recognized Quality Certifications

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

#### Overview

Valid: 402 Invalid:  
Type: Discrete Width: 174 Range: - Format: character

### C3: Application To Obtain An Electrical Connection Submitted Over The Last 2 Years

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

#### Overview

Valid: 402 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	0.5%
1	Yes	38	9.5%
2	No	362	90%

### C4: How Many Days Did It Take For You To Receive An Electrical Connection Service?

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

#### Overview

Valid: 38 Invalid: 364 Minimum: -9 Maximum: 365  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 365 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	5.3%
-6	Still in process	9	23.7%
-5	Application denied	2	5.3%

1	One day or less	3	7.9%
7		3	7.9%
15		2	5.3%
30		5	13.2%
31		1	2.6%
45		1	2.6%
60		3	7.9%
90		2	5.3%
270		1	2.6%
358		1	2.6%
365		3	7.9%
Sysmiss		364	

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

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

### Overview

Valid: 38 Invalid: 364 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	2.6%
-8	Refusal (spontaneous)	1	2.6%
1	Yes	8	21.1%
2	No	28	73.7%
Sysmiss		364	

## C31\_BR: Cost to obtain electrical connection

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

### Overview

Valid: 33 Invalid: 369 Minimum: -9 Maximum: -9  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - -9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		33	100%
Sysmiss		369	

### C32\_BR: Electricity consumption in a typical month (kWh)

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 294118  
 Type: Continuous Decimal: 0 Width: 6 Range: -9 - 294118 Format: Numeric

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

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

#### Overview

Valid: 402 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	0.5%
1	Yes	247	61.4%
2	No	153	38.1%

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

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

#### Overview

Valid: 247 Invalid: 155 Minimum: -9 Maximum: 150  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 150 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	16	6.5%
1		12	4.9%
2		42	17%

3		25	10.1%
4		28	11.3%
5		12	4.9%
6		2	0.8%
7		2	0.8%
8		8	3.2%
9		1	0.4%
10		14	5.7%
12		15	6.1%
15		8	3.2%
16		6	2.4%
20		15	6.1%
24		3	1.2%
25		2	0.8%
26		5	2%
30		27	10.9%
31		1	0.4%
52		1	0.4%
60		1	0.4%
150		1	0.4%
Sysmiss		155	

## C8A: Average Duration of Power Outages: Hours

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

### Overview

Valid: 231 Invalid: 171 Minimum: 0 Maximum: 144  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 144 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		30	13%
1		44	19%
2		67	29%
3		37	16%
4		23	10%

5		10	4.3%
6		6	2.6%
7		2	0.9%
8		4	1.7%
10		1	0.4%
12		4	1.7%
16		1	0.4%
24		1	0.4%
144		1	0.4%
Sysmiss		171	

### C8B: Average Duration of Power Outages: Minutes

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

#### Overview

Valid: 231 Invalid: 171 Minimum: 0 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 50 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0		84	36.4%
1	One minute or less	64	27.7%
15		6	2.6%
20		2	0.9%
30		72	31.2%
45		1	0.4%
50		2	0.9%
Sysmiss		171	

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

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

#### Overview

Valid: 218 Invalid: 184 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)	27	12.4%
0	None	23	10.6%
1		7	3.2%
2		3	1.4%
3		4	1.8%
4		1	0.5%
5		7	3.2%
8		1	0.5%
10		29	13.3%
11		1	0.5%
12		1	0.5%
15		17	7.8%
20		16	7.3%
22		1	0.5%
25		16	7.3%
26		1	0.5%
30		26	11.9%
34		1	0.5%
35		2	0.9%
38		2	0.9%
40		5	2.3%
45		5	2.3%
48		1	0.5%
50		6	2.8%
60		3	1.4%
70		2	0.9%
80		5	2.3%
90		3	1.4%
100		2	0.9%
Sysmiss		184	

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

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

**Overview**

Valid: 29 Invalid: 373 Minimum: 23 Maximum: 4704000  
 Type: Discrete Decimal: 0 Width: 7 Range: 23 - 4704000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	None	0	0%
23		1	3.4%
100		1	3.4%
170		1	3.4%
200		2	6.9%
240		1	3.4%
300		1	3.4%
400		1	3.4%
500		1	3.4%
1000		2	6.9%
1200		3	10.3%
1400		1	3.4%
1620		1	3.4%
3320		1	3.4%
4000		1	3.4%
6000		2	6.9%
7200		1	3.4%
8000		1	3.4%
10000		1	3.4%
11760		1	3.4%
20000		1	3.4%
500000		1	3.4%
2000000		1	3.4%
3000000		1	3.4%
4704000		1	3.4%
Sysmiss		373	

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

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

## Overview

Valid: 402 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	75	18.7%
2	No	326	81.1%

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

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

## Overview

Valid: 75 Invalid: 327 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)	6	8%
1		2	2.7%
2		2	2.7%
5		3	4%
10		6	8%
15		4	5.3%
17		1	1.3%
20		8	10.7%
25		5	6.7%
30		8	10.7%
35		1	1.3%
40		2	2.7%
45		1	1.3%
50		7	9.3%
60		3	4%
70		1	1.3%
75		1	1.3%

80		1	1.3%
85		1	1.3%
90		1	1.3%
100		11	14.7%
Sysmiss		327	

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

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

### Overview

Valid: 402 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	14	3.5%
2	No	387	96.3%

## C13: How Many Days Did It Take For You To Obtain A Water Connection?

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

### Overview

Valid: 14 Invalid: 388 Minimum: -6 Maximum: 730  
 Type: Discrete Decimal: 0 Width: 3 Range: -6 - 730 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	9	64.3%
-5	Application denied	1	7.1%
1	One day or less	0	0%
30		1	7.1%
60		1	7.1%
120		1	7.1%
730		1	7.1%

Sysmiss		388	
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## C14: When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?

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

### Overview

Valid: 14 Invalid: 388 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	7.1%
-8	Refusal (spontaneous)	0	0%
1	Yes	2	14.3%
2	No	11	78.6%
Sysmiss		388	

## C33\_BR: Cost to obtain water connection

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

### Overview

Valid: 12 Invalid: 390 Minimum: -9 Maximum: 1400  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1400 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		10	83.3%
200		1	8.3%
1400		1	8.3%
Sysmiss		390	

## C34\_BR: Water consumption in a typical month

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

### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 31746

Type: Continuous    Decimal: 0    Width: 5    Range: -9 - 31746    Format: Numeric

### C34B\_BR: Unit measure of answer to C34

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

#### Overview

Valid: 173    Invalid: 229    Minimum: 1    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		167	96.5%
3		1	0.6%
4		5	2.9%
Sysmiss		229	

### C34BX\_BR: Other (Specify)

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

#### Overview

Valid: 402    Invalid:  
 Type: Discrete    Width: 23    Range: -    Format: character

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

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

#### Overview

Valid: 119    Invalid: 283    Minimum: -7    Maximum: 2  
 Type: Discrete    Decimal: 0    Width: 2    Range: -7 - 2    Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-7		20	16.8%
1		19	16%
2		80	67.2%
Sysmiss		283	

**C152\_BR: Did You Experience Insufficient Water Supply In Last FY?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 259 Invalid: 143 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	1.5%
1	Yes	82	31.7%
2	No	173	66.8%
Sysmiss		143	

**C15\_ESBR: Did this establishment experience insufficient water supply? COMBINED VERSION M****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 350 Invalid: 52 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		4	1.1%
-7		20	5.7%
1		90	25.7%
2		236	67.4%
Sysmiss		52	

**C16: Frequency of Incidents of Water Shortages In A Typical Month In Last FY****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 19 Invalid: 383 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		6	31.6%
2		4	21.1%
3		1	5.3%
8		1	5.3%
10		2	10.5%
15		2	10.5%
26		1	5.3%
30		2	10.5%
Sysmiss		383	

## C162\_BR: Frequency of Incidents of Water Shortages In A Typical Month In Last FY

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

### Overview

Valid: 82 Invalid: 320 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	12	14.6%
0		1	1.2%
1		4	4.9%
2		5	6.1%
3		10	12.2%
4		6	7.3%
5		6	7.3%
6		3	3.7%
7		2	2.4%
8		4	4.9%
10		3	3.7%
12		1	1.2%
13		1	1.2%
14		2	2.4%

15		4	4.9%
16		1	1.2%
20		4	4.9%
25		2	2.4%
30		11	13.4%
Sysmiss		320	

## C16\_ESBR: Number of incidents of water insufficiency in a typical month. COMBINED VERSION

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

### Overview

Valid: 98 Invalid: 304 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		18	18.4%
0		1	1%
1		4	4.1%
2		9	9.2%
3		10	10.2%
4		5	5.1%
5		5	5.1%
6		3	3.1%
7		2	2%
8		5	5.1%
10		5	5.1%
12		1	1%
13		1	1%
14		2	2%
15		6	6.1%
16		1	1%
20		4	4.1%
25		2	2%
26		1	1%
30		13	13.3%
Sysmiss		304	

**C17: Average Length of Water Shortages (Affecting Production) In Last Fiscal Year**

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

**Overview**

Valid: 13 Invalid: 389 Minimum: 1 Maximum: 20  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 20 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1	7.7%
2		1	7.7%
4		2	15.4%
5		2	15.4%
8		2	15.4%
9		1	7.7%
10		1	7.7%
12		1	7.7%
19		1	7.7%
20		1	7.7%
Sysmiss		389	

**C172\_BR: Average Length of Water Shortages In Last Fiscal Year**

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

**Overview**

Valid: 69 Invalid: 333 Minimum: -9 Maximum: 78  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 78 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	1.4%
1	One hour or less	7	10.1%
2		8	11.6%
3		9	13%
4		2	2.9%

5		4	5.8%
6		7	10.1%
7		2	2.9%
8		4	5.8%
9		2	2.9%
10		2	2.9%
12		11	15.9%
13		1	1.4%
15		1	1.4%
18		1	1.4%
24		3	4.3%
32		1	1.4%
48		1	1.4%
72		1	1.4%
78		1	1.4%
Sysmiss		333	

### C17\_ESBR: Average duration of insufficient water supply COMBINED VERSION Manufacturing fr

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

#### Overview

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 78  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 78 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		1	1.3%
1		7	8.8%
2		8	10%
3		9	11.3%
4		4	5%
5		6	7.5%
6		7	8.8%
7		2	2.5%
8		6	7.5%
9		3	3.8%
10		3	3.8%

12		12	15%
13		1	1.3%
15		1	1.3%
18		1	1.3%
19		1	1.3%
20		1	1.3%
24		3	3.8%
32		1	1.3%
48		1	1.3%
72		1	1.3%
78		1	1.3%
Sysmiss		322	

### C35A\_BR: In Last FY, Losses As % of Annual Sales Due To Water Shortages

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

#### Overview

Valid: 26 Invalid: 376 Minimum: 0 Maximum: 75  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 75 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1	3.8%
1		2	7.7%
2		1	3.8%
3		1	3.8%
5		2	7.7%
8		1	3.8%
10		3	11.5%
15		1	3.8%
18		1	3.8%
20		5	19.2%
25		2	7.7%
30		1	3.8%
50		1	3.8%
65		1	3.8%
70		1	3.8%

75		2	7.7%
Sysmiss		376	

### C35B\_BR: In Last FY, Value of Losses Due To Water Shortages

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

#### Overview

Valid: 3 Invalid: 399 Minimum: 500 Maximum: 2100  
 Type: Discrete Decimal: 0 Width: 4 Range: 500 - 2100 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
500		1	33.3%
1200		1	33.3%
2100		1	33.3%
Sysmiss		399	

### C22B: Establishment Has Its Own Website

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

#### Overview

Valid: 402 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	140	34.8%
2	No	262	65.2%

### C36\_BR: Application To Obtain Fixed Broadband Internet Connection Over The Last 2 Years

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		2	0.6%
1		40	12.4%
2		280	87%
Sysmiss		80	

### C37\_BR: How Many Days Did It Take For You To Obtain Internet Connection?

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

#### Overview

Valid: 40 Invalid: 362 Minimum: -9 Maximum: 48  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 48 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		9	22.5%
-6		1	2.5%
1		9	22.5%
2		2	5%
3		4	10%
5		2	5%
7		4	10%
10		3	7.5%
14		1	2.5%
15		3	7.5%
48		2	5%
Sysmiss		362	

### C38\_BR: Cost to obtain Internet connection

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

#### Overview

Valid: 40 Invalid: 362 Minimum: -9 Maximum: 600000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 600000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		17	42.5%
0		2	5%
70		1	2.5%
80		1	2.5%
120		1	2.5%
150		1	2.5%
159		1	2.5%
249		1	2.5%
300		5	12.5%
400		1	2.5%
1400		1	2.5%
1500		1	2.5%
2400		1	2.5%
12000		1	2.5%
200000		1	2.5%
249000		1	2.5%
400000		1	2.5%
549000		1	2.5%
600000		1	2.5%
Sysmiss		362	

### C39\_BR: Did You Experience Internet Disruptions In Last FY?

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		6	1.9%
-7		139	43.2%
1		76	23.6%

2		101	31.4%
Sysmiss		80	

## C40A\_BR: Average Length of Internet Disruptions: Hours

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

### Overview

Valid: 76 Invalid: 326 Minimum: -9 Maximum: 248  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 248 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		5	6.6%
0		8	10.5%
1		6	7.9%
2		17	22.4%
3		3	3.9%
4		3	3.9%
5		3	3.9%
7		1	1.3%
8		2	2.6%
10		3	3.9%
12		2	2.6%
16		2	2.6%
24		4	5.3%
30		2	2.6%
36		1	1.3%
46		1	1.3%
48		3	3.9%
50		1	1.3%
60		3	3.9%
72		2	2.6%
78		1	1.3%
120		1	1.3%
168		1	1.3%
248		1	1.3%
Sysmiss		326	

**C40B\_BR: Average Length of Internet Disruptions: Minutes**

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

**Overview**

Valid: 8 Invalid: 394 Minimum: -9 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		2	25%
15		1	12.5%
30		1	12.5%
40		2	25%
45		1	12.5%
50		1	12.5%
Sysmiss		394	

**C41A\_BR: In Last FY, Losses As % of Annual Sales Due To Internet Disruptions**

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

**Overview**

Valid: 20 Invalid: 382 Minimum: 1 Maximum: 75  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 75 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		3	15%
2		4	20%
5		3	15%
20		1	5%
25		3	15%
30		5	25%
75		1	5%
Sysmiss		382	

**C41B\_BR: In Last FY, Value of Losses Due To Internet Disruptions****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: Invalid: 402 Maximum: \*  
 Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**C42\_BR: How difficult to switch internet providers?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		145	45%
-7		11	3.4%
1		17	5.3%
2		36	11.2%
3		37	11.5%
4		76	23.6%
Sysmiss		80	

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

Valid: 402 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	13	3.2%
0	No obstacle	103	25.6%
1	Minor obstacle	63	15.7%
2	Moderate obstacle	56	13.9%
3	Major obstacle	92	22.9%
4	Very severe obstacle	75	18.7%

### MGP1: What is the method used more often by this establishment for managing finance, a

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 7 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	1	0.2%
1	Handwritten processes	185	46%
2	Computers with standard software	166	41.3%
3	Mobile Apps or digital platforms	7	1.7%
4	Computers with specialized software	33	8.2%
5	Public technology extension services	0	0%
6	Enterprise Resource Planning (ERP)	2	0.5%
7	Other	8	2%

### MGP10A: Select three of the most severe obstacles faced to adopt new equipment, machines

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 8  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 8 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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-9	Don't know (spontaneous)	5	1.2%
1	Lack of information, knowledge, or technical capacity	52	12.9%
2	Lack or uncertainty of demand	22	5.5%
3	Cost	153	38.1%
4	Lack of finance	47	11.7%
5	Government regulations	16	4%
6	Lack of infrastrucutre	13	3.2%
7	Other	8	2%
8	No obstacles or need to adopt	86	21.4%

### MGP10B: Select three of the most severe obstacles faced to adopt new equipment, machines

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

#### Overview

Valid: 402 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)	140	34.8%
1	Lack of information, knowledge, or technical capacity	36	9%
2	Lack or uncertainty of demand	16	4%
3	Cost	57	14.2%
4	Lack of finance	53	13.2%
5	Government regulations	45	11.2%
6	Lack of infrastrucutre	40	10%
7	Other	13	3.2%
8	No obstacles or need to adopt	2	0.5%

### MGP2: In which year did this establishment introduce this technology?

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

#### Overview

Valid: 40 Invalid: 362 Minimum: -9 Maximum: 2020  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2020 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	15%
1990		1	2.5%
1993		1	2.5%
1995		1	2.5%
1998		2	5%
2000		2	5%
2002		1	2.5%
2003		1	2.5%
2005		2	5%
2007		1	2.5%
2008		1	2.5%
2009		4	10%
2012		2	5%
2013		2	5%
2014		1	2.5%
2015		2	5%
2017		4	10%
2018		1	2.5%
2019		2	5%
2020		3	7.5%
Sysmiss		362	

**MGP3: Using the list on the card, what is the the procedure used more often by this es**

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

### Overview

Valid: 402 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)	2	0.5%
1	Manual search of suppliers, including personal visit or phone calls.	308	76.6%

2	Management of supply chain information using PCs, manually updated (e.g. Microsoft Excel)	46	11.4%
3	Online social media, specialized Apps or digital platforms	30	7.5%
4	Supplier Relation Management (SRM) specialized software not integrated with production planning	2	0.5%
5	Supplier Relation Management (SRM) specialized software integrated with production planning	3	0.7%
6	Other	11	2.7%

### MGP4: In which year did this establishment introduce this technology?

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

#### Overview

Valid: 35 Invalid: 367 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)	5	14.3%
1985		1	2.9%
1990		1	2.9%
1992		1	2.9%
1998		1	2.9%
2000		6	17.1%
2002		2	5.7%
2003		1	2.9%
2005		1	2.9%
2006		1	2.9%
2008		1	2.9%
2009		2	5.7%
2011		1	2.9%
2013		3	8.6%
2015		1	2.9%
2016		1	2.9%
2017		1	2.9%
2019		1	2.9%
2020		2	5.7%
2021		2	5.7%
Sysmiss		367	

**MGP5: Does this establishment sell some or all of its products or services directly to****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	17	4.2%
1	Yes	263	65.4%
2	No	122	30.3%

**MGP6: Using the list on the card, what is the sales method used more often by this est****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 263 Invalid: 139 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	Direct sales at the establishment's premises	214	81.4%
2	Direct sales by phone, email orders, or sales representatives	38	14.4%
3	Sales through social media platforms or apps	5	1.9%
4	Online sales using external digital platforms	0	0%
5	Online sales using using its own website	2	0.8%
6	Electronic orders	0	0%
7	Other	4	1.5%
Sysmiss		139	

**MGP7: sales method: In which year did this establishment introduce this technology?****Data file: Madagascar-2022-full-data.dta**

## Overview

Valid: 7 Invalid: 395 Minimum: 1997 Maximum: 2020  
 Type: Discrete Decimal: 0 Width: 4 Range: 1997 - 2020 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1997		1	14.3%
2008		1	14.3%
2011		2	28.6%
2018		1	14.3%
2020		2	28.6%
Sysmiss		395	

## MGP8: What is the payment method used more often BY CUSTOMERS at this establishment?

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

## Overview

Valid: 402 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)	2	0.5%
1	Exchange of goods (barter)	1	0.2%
2	Cash	283	70.4%
3	Cheque, voucher, or bank wire at the branch	89	22.1%
4	Prepaid card, Debit card, or Credit card	10	2.5%
5	Online or electronic payment through a bank wire	17	4.2%
6	Online payment through platform	0	0%
7	Virtual or Cryptocurrency	0	0%
8	Other	0	0%

## MGP9: Payment method: In which year did this establishment introduce this technology?

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

## Overview

Valid: 17 Invalid: 385 Minimum: 1988 Maximum: 2020  
 Type: Discrete Decimal: 0 Width: 4 Range: 1988 - 2020 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
1988		1	5.9%
1998		1	5.9%
2000		2	11.8%
2003		1	5.9%
2008		1	5.9%
2009		2	11.8%
2010		1	5.9%
2011		1	5.9%
2012		1	5.9%
2015		1	5.9%
2017		2	11.8%
2018		2	11.8%
2020		1	5.9%
Sysmiss		385	

## MGP10C: Select three of the most severe obstacles faced to adopt new equipment, machines

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

## Overview

Valid: 402 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)	192	47.8%
1	Lack of information, knowledge, or technical capacity	31	7.7%
2	Lack or uncertainty of demand	19	4.7%
3	Cost	20	5%
4	Lack of finance	40	10%

5	Government regulations	18	4.5%
6	Lack of infrastrucutre	60	14.9%
7	Other	18	4.5%
8	No obstacles or need to adopt	4	1%

### MGP11A: select three of the most important reasons for the acquisition of new equipment,

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

#### Overview

Valid: 160 Invalid: 242 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)	6	3.8%
-7		8	5%
1	Depreciation or replacement	85	53.1%
2	Competition	26	16.3%
3	Other firms adopted	3	1.9%
4	Produce new products	14	8.8%
5	Access new markets	6	3.8%
6	Reduce costs	6	3.8%
7	Adjust to regulations	3	1.9%
8	Other	3	1.9%
Sysmiss		242	

### MGP11B: select three of the most important reasons for the acquisition of new equipment,

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

#### Overview

Valid: 160 Invalid: 242 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)	47	29.4%

-7		1	0.6%
1	Depreciation or replacement	14	8.8%
2	Competition	43	26.9%
3	Other firms adopted	5	3.1%
4	Produce new products	12	7.5%
5	Access new markets	13	8.1%
6	Reduce costs	14	8.8%
7	Adjust to regulations	6	3.8%
8	Other	5	3.1%
Sysmiss		242	

### MGP11C: select three of the most important reasons for the acquisition of new equipment,

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

#### Overview

Valid: 160 Invalid: 242 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)	94	58.8%
1	Depreciation or replacement	4	2.5%
2	Competition	10	6.3%
3	Other firms adopted	6	3.8%
4	Produce new products	4	2.5%
5	Access new markets	11	6.9%
6	Reduce costs	11	6.9%
7	Adjust to regulations	14	8.8%
8	Other	6	3.8%
Sysmiss		242	

### D1A1A: Establishment'S Main Product/Service Last FY

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Manufacturing of	121	30.1%
2	Retail trade of	83	20.6%
3	Wholesale trade of	56	13.9%
4	Construction of	29	7.2%
5		61	15.2%
6	Provide services of	52	12.9%
51	Hotel	0	0%
52	Restaurant	0	0%

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

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

#### Overview

Valid: 402 Invalid:  
Type: Continuous Width: 221 Range: - Format: character

### D1A6A: Total number of hotel rooms in the last FY

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

#### Overview

Valid: 48 Invalid: 354 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)	6	12.5%
3		5	10.4%
4		4	8.3%
5		3	6.3%
7		1	2.1%
10		5	10.4%
12		3	6.3%
15		3	6.3%
16		1	2.1%

18		1	2.1%
20		6	12.5%
30		2	4.2%
35		2	4.2%
40		1	2.1%
44		5	10.4%
Sysmiss		354	

## D1A6B: Total areas of rooms in the last FY

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

### Overview

Valid: 48 Invalid: 354 Minimum: -9 Maximum: 3000  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 3000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	12.5%
100		4	8.3%
120		1	2.1%
140		1	2.1%
150		1	2.1%
200		6	12.5%
250		1	2.1%
350		1	2.1%
400		1	2.1%
500		1	2.1%
750		2	4.2%
800		1	2.1%
950		1	2.1%
1000		7	14.6%
1200		1	2.1%
1500		5	10.4%
2000		5	10.4%
2500		2	4.2%
3000		1	2.1%
Sysmiss		354	

**D1A6C: Specify units****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 42 Invalid: 360 Minimum: 3 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 3 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Square Feet	0	0%
2	Square Yards	0	0%
3	Square Meters	42	100%
4	Other (Specify)	0	0%
Sysmiss		360	

**D1A3: Main Product/Service: Percent of Total Annual Sales****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	10	2.5%
4		1	0.2%
15		1	0.2%
20		2	0.5%
35		1	0.2%
40		1	0.2%
50		3	0.7%
57		1	0.2%
60		5	1.2%
65		1	0.2%
70		9	2.2%

75		9	2.2%
80		18	4.5%
90		6	1.5%
99		1	0.2%
100		333	82.8%

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

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

### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 1378000000  
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 1378000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	59	100%

## D2X: Please Also Write Out The Number

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

### Overview

Valid: 402 Invalid:  
 Type: Continuous Width: 76 Range: - Format: character

## D2A1: What were the establishment's sales 2 years ago?

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 1200400000  
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 1200400000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	33	27.7%
-7	Establishment was not in business	0	0%
100		1	0.8%

900		1	0.8%
2000		1	0.8%
3000		1	0.8%
5000		2	1.7%
7000		1	0.8%
7200		1	0.8%
10000		3	2.5%
10400		1	0.8%
11000		1	0.8%
12000		1	0.8%
18000		1	0.8%
24960		2	1.7%
25000		1	0.8%
30000		1	0.8%
38400		1	0.8%
45000		1	0.8%
50000		1	0.8%
52000		1	0.8%
60000		1	0.8%
72000		1	0.8%
83000		1	0.8%
90000		1	0.8%
100000		2	1.7%
112000		1	0.8%
120000		1	0.8%
130000		1	0.8%
134000		1	0.8%
180000		1	0.8%
200000		2	1.7%
210000		1	0.8%
233600		1	0.8%
249600		1	0.8%
250000		3	2.5%
272300		1	0.8%
300000		1	0.8%
312000		1	0.8%
400000		1	0.8%
480700		1	0.8%
500000		1	0.8%

640000		1	0.8%
850000		1	0.8%
890595		1	0.8%
1080000		1	0.8%
1200000		1	0.8%
1400000		1	0.8%
1698000		1	0.8%
1875000		1	0.8%
2000000		1	0.8%
2300000		2	1.7%
2344200		1	0.8%
2800000		1	0.8%
2978000		1	0.8%
5000000		2	1.7%
6890000		1	0.8%
7000000		1	0.8%
13480000		1	0.8%
15000000		1	0.8%
28267900		1	0.8%
30000000		1	0.8%
30396000		1	0.8%
35268000		1	0.8%
37757123		1	0.8%
50000000		1	0.8%
80000000		1	0.8%
90000000		1	0.8%
110000000		1	0.8%
150000000		1	0.8%
224000000		1	0.8%
396000000		1	0.8%
400000000		2	1.7%
700000000		1	0.8%
1090000000		1	0.8%
1104000000		1	0.8%
1200400000		1	0.8%
Sysmiss		283	

**D2A1X: Please Also Write Out The Number****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Continuous Width: 80 Range: - Format: character

**N3: What were the establishment's sales 3 years ago?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid: Minimum: -9 Maximum: 1000000000  
 Type: Discrete Decimal: 0 Width: 10 Range: -9 - 1000000000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	71	72.4%
-7	Establishment was not in business in Fiscal Year	27	27.6%

**D3A: % of Sales: National Sales****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	9	2.2%
0		20	5%
1		1	0.2%
4		1	0.2%
5		1	0.2%
10		2	0.5%
15		1	0.2%
17		1	0.2%
20		5	1.2%

30		4	1%
40		2	0.5%
50		7	1.7%
70		2	0.5%
75		1	0.2%
80		3	0.7%
90		5	1.2%
95		1	0.2%
98		3	0.7%
99		2	0.5%
100		331	82.3%

### D3B: % O Sales: Indirect Exports

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

#### Overview

Valid: 402 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)	10	2.5%
0		367	91.3%
1		1	0.2%
2		2	0.5%
5		1	0.2%
10		3	0.7%
20		2	0.5%
25		1	0.2%
30		3	0.7%
50		2	0.5%
60		1	0.2%
70		2	0.5%
83		1	0.2%
90		1	0.2%
100		5	1.2%

**D3C: % of Sales: Direct Exports****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	9	2.2%
0		353	87.8%
1		1	0.2%
2		1	0.2%
10		2	0.5%
20		1	0.2%
25		2	0.5%
30		1	0.2%
50		6	1.5%
60		1	0.2%
70		2	0.5%
75		1	0.2%
80		2	0.5%
85		1	0.2%
90		1	0.2%
95		1	0.2%
96		1	0.2%
99		1	0.2%
100		15	3.7%

**D31X\_BR: Main destination of exports (country code)****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 19 Invalid: 383 Minimum: -9 Maximum: 710  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 710 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		3	15.8%
16		1	5.3%
50		1	5.3%
100		1	5.3%
156		1	5.3%
246		1	5.3%
251		6	31.6%
356		1	5.3%
450		2	10.5%
710		2	10.5%
Sysmiss		383	

### D32\_BR: Main point of exit

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

#### Overview

Valid: 19 Invalid: 383 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		7	36.8%
1		3	15.8%
2		1	5.3%
3		8	42.1%
Sysmiss		383	

### D4A\_BR: In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?

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

#### Overview

Valid: 18 Invalid: 384 Minimum: -7 Maximum: 67  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 67 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7	Does not apply (spontaneous)	1	5.6%
0	Less than one day	6	33.3%
3		1	5.6%
10		1	5.6%
15		2	11.1%
21		1	5.6%
24		1	5.6%
30		2	11.1%
34		1	5.6%
36		1	5.6%
67		1	5.6%
Sysmiss		384	

### D4B\_BR: If less than a day, total hours for exported goods to clear customs

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

#### Overview

Valid: 12 Invalid: 390 Minimum: -7 Maximum: 67  
 Type: Discrete Decimal: 0 Width: 2 Range: -7 - 67 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-7		1	8.3%
3		1	8.3%
10		1	8.3%
15		2	16.7%
21		1	8.3%
24		1	8.3%
30		2	16.7%
34		1	8.3%
36		1	8.3%
67		1	8.3%
Sysmiss		390	

**D33A\_BR: In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age**

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

**Overview**

Valid: 17 Invalid: 385 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		6	35.3%
0		1	5.9%
1		1	5.9%
2		1	5.9%
3		1	5.9%
10		2	11.8%
12		1	5.9%
15		2	11.8%
20		1	5.9%
30		1	5.9%
Sysmiss		385	

**D33B\_BR: If less than a day, total hours for exported goods to clear all border control a**

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

**Overview**

Valid: 1 Invalid: 401 Minimum: -9 Maximum: -9  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - -9 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		1	100%
Sysmiss		401	

**D34\_BR: FCA costs to comply with all export requirements (% of value of goods exported)**

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

**Overview**

Valid: 19 Invalid: 383 Minimum: -9 Maximum: 45  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 45 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		9	47.4%
2		1	5.3%
3		2	10.5%
5		2	10.5%
6		1	5.3%
10		1	5.3%
20		1	5.3%
25		1	5.3%
45		1	5.3%
Sysmiss		383	

**D35\_BR: Any exports shipped by main parcel?**

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

**Overview**

Valid: 19 Invalid: 383 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		2	10.5%
1		9	47.4%
2		8	42.1%
Sysmiss		383	

**D36A\_BR: In Last FY, Avg. Num. of Days For Exported Goods To Clear all border control age**

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

**Overview**

Valid: 9 Invalid: 393 Minimum: -9 Maximum: 45  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 45 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		1	11.1%
0		2	22.2%
1		1	11.1%
2		2	22.2%
3		1	11.1%
15		1	11.1%
45		1	11.1%
Sysmiss		393	

### D36B\_BR: If less than a day, total hours for exported goods to clear all border control a

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

#### Overview

Valid: 2 Invalid: 400 Minimum: -9 Maximum: -9  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - -9 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		2	100%
Sysmiss		400	

### D37\_BR: Average cost of digital exports (% of value of goods)

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

#### Overview

Valid: 9 Invalid: 393 Minimum: -9 Maximum: 14  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 14 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		3	33.3%
0		1	11.1%

1		1	11.1%
3		2	22.2%
5		1	11.1%
14		1	11.1%
Sysmiss		393	

## D8: In What Year Did This Establishment First Export Directly or Indirectly?

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

### Overview

Valid: 71 Invalid: 331 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)	11	15.5%
1956		1	1.4%
1962		1	1.4%
1969		1	1.4%
1972		1	1.4%
1987		1	1.4%
1988		1	1.4%
1990		1	1.4%
1991		1	1.4%
1992		1	1.4%
1995		1	1.4%
1997		1	1.4%
1998		2	2.8%
1999		1	1.4%
2000		5	7%
2002		2	2.8%
2003		2	2.8%
2005		2	2.8%
2006		2	2.8%
2007		2	2.8%
2008		2	2.8%
2009		2	2.8%

2010		1	1.4%
2011		3	4.2%
2012		1	1.4%
2014		2	2.8%
2015		2	2.8%
2016		6	8.5%
2017		2	2.8%
2018		2	2.8%
2019		2	2.8%
2020		4	5.6%
2021		2	2.8%
Sysmiss		331	

## D12A: % of Material Inputs And Supplies of Domestic origin In Last Fiscal Year

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

### Overview

Valid: 402 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)	7	1.7%
0		56	13.9%
2		1	0.2%
5		4	1%
10		10	2.5%
12		1	0.2%
15		1	0.2%
20		9	2.2%
25		7	1.7%
30		7	1.7%
35		3	0.7%
40		3	0.7%
45		1	0.2%
50		21	5.2%
60		4	1%

70		6	1.5%
75		2	0.5%
80		11	2.7%
85		1	0.2%
88		1	0.2%
90		6	1.5%
95		4	1%
98		1	0.2%
100		235	58.5%

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

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

### Overview

Valid: 402 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)	7	1.7%
0		235	58.5%
2		1	0.2%
5		4	1%
10		6	1.5%
12		1	0.2%
15		1	0.2%
20		11	2.7%
25		2	0.5%
30		6	1.5%
40		4	1%
50		21	5.2%
55		1	0.2%
60		3	0.7%
65		3	0.7%
70		7	1.7%
75		7	1.7%
80		9	2.2%

85		1	0.2%
88		1	0.2%
90		10	2.5%
95		4	1%
98		1	0.2%
100		56	13.9%

### D13: Were Any of These Material Inputs And Supplies Imported Directly?

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

#### Overview

Valid: 160 Invalid: 242 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	0.6%
1	Yes	87	54.4%
2	No	72	45%
Sysmiss		242	

### D38X\_BR: Main origin of imports (country code)

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

#### Overview

Valid: 59 Invalid: 343 Minimum: -9 Maximum: 842  
Type: Discrete Decimal: 0 Width: 3 Range: -9 - 842 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		9	15.3%
156		14	23.7%
251		13	22%
344		1	1.7%
356		2	3.4%
380		1	1.7%

392		2	3.4%
450		12	20.3%
480		3	5.1%
586		1	1.7%
842		1	1.7%
Sysmiss		343	

### D39\_BR: Main point of entry

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

#### Overview

Valid: 59 Invalid: 343 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		22	37.3%
1		2	3.4%
3		35	59.3%
Sysmiss		343	

### D14A\_BR: Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year

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

#### Overview

Valid: 59 Invalid: 343 Minimum: -9 Maximum: 130  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 130 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	9	15.3%
-7	Does not apply (spontaneous)	2	3.4%
0	Less than one day	3	5.1%
3		1	1.7%
4		1	1.7%
5		1	1.7%

7		4	6.8%
15		16	27.1%
28		1	1.7%
30		8	13.6%
45		1	1.7%
60		3	5.1%
67		1	1.7%
72		1	1.7%
78		1	1.7%
90		4	6.8%
92		1	1.7%
130		1	1.7%
Sysmiss		343	

### D14B\_BR: If less than a day, total hours for imported goods to clear customs

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

#### Overview

Valid:   Invalid: 402   Maximum: \*  
Type: Discrete   Decimal: 0   Width: 2   Range: - \*   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category
-9	Don't know (spontaneous)
Sysmiss	

### D40A\_BR: In Last FY, Avg. Num. of Days For Imported Goods To Clear all border control age

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

#### Overview

Valid: 51   Invalid: 351   Minimum: -9   Maximum: 120  
Type: Discrete   Decimal: 0   Width: 3   Range: -9 - 120   Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		20	39.2%

1		1	2%
2		2	3.9%
3		2	3.9%
5		1	2%
6		1	2%
7		4	7.8%
10		2	3.9%
14		1	2%
15		5	9.8%
17		1	2%
30		4	7.8%
34		1	2%
35		1	2%
60		2	3.9%
90		2	3.9%
120		1	2%
Sysmiss		351	

### D40B\_BR: If less than a day, total hours for imported goods to clear all border control a

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

#### Overview

Valid:   Invalid: 402   Maximum: \*  
Type: Discrete   Decimal: 0   Width: 1   Range: - \*   Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category
Sysmiss	

### D41\_BR: DAP costs to comply with all import requirements (% of value of goods imported)

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

#### Overview

Valid: 59   Invalid: 343   Minimum: -9   Maximum: 56  
Type: Discrete   Decimal: 0   Width: 2   Range: -9 - 56   Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		44	74.6%
0		1	1.7%
5		2	3.4%
7		1	1.7%
8		1	1.7%
10		1	1.7%
20		1	1.7%
25		2	3.4%
27		1	1.7%
30		2	3.4%
42		1	1.7%
50		1	1.7%
56		1	1.7%
Sysmiss		343	

## D15A: In Clearing Imports Through Customs, Informal Gift/Payment Expected or Requested?

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

### Overview

Valid: 78 Invalid: 324 Minimum: -16 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 3 Range: -16 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-16		4	5.1%
-9		5	6.4%
-8		3	3.8%
1		10	12.8%
2		56	71.8%
Sysmiss		324	

**MGD1A: First most important factors that influence the decision of buyers to purchase i****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 160 Invalid: 242 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)	160	100%
-7	Does not apply (spontaneous)	0	0%
1	Local suppliers are less cost competitive	0	0%
2	Unsatisfactory product and/or service quality of local suppliers	0	0%
3	Unreliable delivery of orders and contract compliance by local suppliers	0	0%
4	Concerns over retention of intellectual property	0	0%
5	Inadequate managerial skills in existing/potential local suppliers	0	0%
6	Lack of or low technological capacity of local enterprises	0	0%
7	Lack of (international) certification and/or standards of existing/potential local supplier enterprises	0	0%
8	Inputs are not available locally	0	0%
9	Procurement decisions are made by the parent company/ MNE.	0	0%
10	Other	0	0%
Sysmiss		242	

**MGD1B: Second most important factors that influence the decision of buyers to purchase****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 160 Invalid: 242 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)	160	100%
-7	Does not apply (spontaneous)	0	0%
1	Local suppliers are less cost competitive	0	0%
2	Unsatisfactory product and/or service quality of local suppliers	0	0%
3	Unreliable delivery of orders and contract compliance by local suppliers	0	0%

4	Concerns over retention of intellectual property	0	0%
5	Inadequate managerial skills in existing/potential local suppliers	0	0%
6	Lack of or low technological capacity of local enterprises	0	0%
7	Lack of (international) certification and/or standards of existing/potential local supplier enterprises	0	0%
8	Inputs are not available locally	0	0%
9	Procurement decisions are made by the parent company/ MNE.	0	0%
10	Other	0	0%
Sysmiss		242	

### MGD1C: third most important factors that influence the decision of buyers to purchase i

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

#### Overview

Valid: 160 Invalid: 242 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)	160	100%
-7	Does not apply (spontaneous)	0	0%
1	Local suppliers are less cost competitive	0	0%
2	Unsatisfactory product and/or service quality of local suppliers	0	0%
3	Unreliable delivery of orders and contract compliance by local suppliers	0	0%
4	Concerns over retention of intellectual property	0	0%
5	Inadequate managerial skills in existing/potential local suppliers	0	0%
6	Lack of or low technological capacity of local enterprises	0	0%
7	Lack of (international) certification and/or standards of existing/potential local supplier enterprises	0	0%
8	Inputs are not available locally	0	0%
9	Procurement decisions are made by the parent company/ MNE.	0	0%
10	Other	0	0%
Sysmiss		242	

### D30A: How Much of An Obstacle: Transport?

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

## Overview

Valid: 402 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	16	4%
0	No obstacle	136	33.8%
1	Minor obstacle	119	29.6%
2	Moderate obstacle	50	12.4%
3	Major obstacle	47	11.7%
4	Very severe obstacle	34	8.5%

## D30B: How Much of An Obstacle: Customs And Trade Regulations?

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

## Overview

Valid: 402 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)	5	1.2%
-7	Does not apply	71	17.7%
0	No obstacle	161	40%
1	Minor obstacle	55	13.7%
2	Moderate obstacle	46	11.4%
3	Major obstacle	26	6.5%
4	Very severe obstacle	38	9.5%

## O1\_BR: In the last three years, establishment had any commercial dispute?

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

## Overview

Valid: 322 Invalid: 80 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		119	37%
2		203	63%
Sysmiss		80	

## O2\_BR: Use of courts, arbitration etc. to (or attempt to ) resolve commercial dispute?

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		1	0.8%
1		49	41.2%
2		69	58%
Sysmiss		283	

## O3A\_BR: Reliable alternative to courts for resolving commercial disputes: Arbitration?

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

### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		25	7.8%
-7		29	9%
1		16	5%
2		64	19.9%
3		147	45.7%

4		41	12.7%
Sysmiss		80	

### O3B\_BR: Reliable alternative to courts for resolving commercial disputes:Mediation etc.?

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 4  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		24	7.5%
-7		29	9%
1		7	2.2%
2		47	14.6%
3		142	44.1%
4		73	22.7%
Sysmiss		80	

### R1: What Happened When Problem In The Production Process/Services Provision Arose?

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

#### Overview

Valid: 402 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)	2	0.5%
-7	DOES NOT APPLY (SPONTANEOUS)	32	8%
1	We fixed it but did not take further action	31	7.7%
2	We fixed it and took action to make sure it did not happen again	244	60.7%
3	We fixed it and took action to make sure that it did not happen again, and had a continuous improvement process to anticipate problems like these in advance	88	21.9%
4	No action was taken	5	1.2%

**R2: Did This Establishment Monitor Any Production/Service Performance Indicators?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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	0.7%
1	Yes	167	41.5%
2	No	232	57.7%

**R3: How Many Production/Service Provision Performance Indicators Were Monitored?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 167 Invalid: 235 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)	12	7.2%
1	1-2 production performance indicators	67	40.1%
2	3-9 production performance indicators	65	38.9%
3	10 or more production performance indicators	23	13.8%
Sysmiss		235	

**R4: Did This Establishment Have Production/Service Provision Targets?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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	2.5%
1	Yes	267	66.4%
2	No	125	31.1%

## R5: What Best Describes The Time Frame of Production/Service Provision Targets?

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

### Overview

Valid: 267 Invalid: 135 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	3%
1	Main focus was on short-term (less than one year) production targets	92	34.5%
2	Main focus was on long-term (one year or more) production targets	80	30%
3	Combination of short term and long term production targets	87	32.6%
Sysmiss		135	

## R6: How Easy To Achieve Its Production/Service Provision Targets?

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

### Overview

Valid: 267 Invalid: 135 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)	3	1.1%
1	Possible to achieve without much effort	13	4.9%
2	Possible to achieve with some effort	61	22.8%
3	Possible to achieve with normal amount of effort	87	32.6%

4	Possible to achieve with more than normal effort	20	7.5%
5	Only possible to achieve with extraordinary effort	31	11.6%
6	Targets were not achieved	52	19.5%
Sysmiss		135	

## R7: Who Was Aware of The Production/Service Provision Targets At This Establishment?

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

### Overview

Valid: 267 Invalid: 135 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)	4	1.5%
1	Only senior managers	115	43.1%
2	Most managers and some production workers	48	18%
3	Most managers and most production workers	25	9.4%
4	All managers and most production workers	75	28.1%
Sysmiss		135	

## R8: Was There Performance Bonuses Based On Production/Service Provision Targets?

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

### Overview

Valid: 402 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	0.5%
1	Yes	158	39.3%
2	No	242	60.2%

**R9: What Were Managers' Performance Bonuses Usually Based On?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 158 Invalid: 244 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)	2	1.3%
1	Their own performance	42	26.6%
2	Their team's or shift performance	38	24.1%
3	The establishment's performance	71	44.9%
4	The firm's performance	5	3.2%
Sysmiss		244	

**R10: What Was The Primary Way Non-Managers Were Promoted?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	5	1.2%
-7	Does not apply (spontaneous)	164	40.8%
1	Promotions were based solely on performance and ability	145	36.1%
2	Promotions were based partly on performance and ability, and partly on other factors (for example, tenure or family connections)	20	5%
3	Promotions were based mainly on factors other than performance and ability (for example, tenure or family connections)	25	6.2%
4	Non-managers are normally not promoted	43	10.7%

**MGR1: Source of information more often used by this establishment to make decisions ab****Data file: Madagascar-2022-full-data.dta**

## Overview

Valid: 160 Invalid: 242 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)	2	1.3%
-7	DOES NOT APPLY (SPONTANEOUS)	19	11.9%
1	Other firms in the sector	24	15%
2	Other firms in the locality, but different sector	4	2.5%
3	Suppliers or buyers	70	43.8%
4	Industrial or trade associations	21	13.1%
5	Public technology extension services	1	0.6%
6	Private consultants	8	5%
7	Fairs, events, and missions	3	1.9%
8	Other	8	5%
Sysmiss		242	

## MGR2: Experience of CEO or top manager in a firm with more with more than 50 employees

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

## Overview

Valid: 402 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)	12	3%
1	Yes	100	24.9%
2	No	290	72.1%

## MGR3: What are the main challenges that limit women in starting or managing businesses

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

## Overview

Valid: 160 Invalid: 242 Minimum: -9 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 11 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	11	6.9%
-7	Does not apply (spontaneous)	85	53.1%
1	Entrepreneurship is stereotyped as a "masculine task"	12	7.5%
2	Women have the major responsibility for family and children	0	0%
3	Women are disadvantaged in raising initial capital	1	0.6%
4	Women are not perceived as having competence to start or manage businesses	1	0.6%
5	Women lack the experience to start or manage a business	2	1.3%
6	Women's educational and career backgrounds are not relevant to start or manage businesses	1	0.6%
7	Women have lower personal financial assets than men	6	3.8%
8	There is a lack of female role models in starting or managing businesses	9	5.6%
9	There is a lack of professional networks for women	8	5%
10	Women lack relationships with financial institutions	8	5%
11	Other	16	10%
Sysmiss		242	

### R11: When Was An Under-Performing Non-Manager Reassigned or Dismissed?

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

#### Overview

Valid: 402 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)	4	1%
-7	DOES NOT APPLY (SPONTANEOUS)	85	21.1%
1	Within 6 months of identifying non-manager under-performance	122	30.3%
2	After 6 months of identifying non-manager under-performance	58	14.4%
3	Rarely or never	133	33.1%

### E1: In Last FY, Main Market For Establishment'S Main Product

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

**Overview**

Valid: 119 Invalid: 283 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		31	26.1%
2		65	54.6%
3		23	19.3%
Sysmiss		283	

**E1\_BR: In Last FY, Main Market For Establishment'S Main Product. Asked of services esta**

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

**Overview**

Valid: 235 Invalid: 167 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		160	68.1%
2		65	27.7%
3		10	4.3%
Sysmiss		167	

**E1\_ESBR: In Last FY, Main Market For Establishment'S Main Product. COMBINED VERSION  
Manuf**

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

**Overview**

Valid: 350 Invalid: 52 Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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1		189	54%
2		128	36.6%
3		33	9.4%
Sysmiss		52	

## E2B: Competitors For The Main Product/Service In The Main Market

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		11	9.2%
-4		83	69.7%
0		3	2.5%
1		2	1.7%
2		2	1.7%
3		3	2.5%
4		3	2.5%
5		4	3.4%
6		3	2.5%
8		1	0.8%
9		2	1.7%
10		1	0.8%
100		1	0.8%
Sysmiss		283	

## E2B\_BR: Competitors For The Main Product/Service In The Main Market. Asked of services e

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

### Overview

Valid: 235 Invalid: 167 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		9	3.8%
-4		183	77.9%
0		2	0.9%
1		2	0.9%
2		3	1.3%
3		8	3.4%
4		9	3.8%
5		7	3%
6		2	0.9%
10		3	1.3%
15		4	1.7%
20		1	0.4%
25		1	0.4%
30		1	0.4%
Sysmiss		167	

## E2B\_ESBR: Competitors For The Main Product/Service In The Main Market. COMBINED VERSION Ma

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

### Overview

Valid: 317 Invalid: 85 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		17	5.4%
-4		237	74.8%
0		3	0.9%
1		4	1.3%
2		5	1.6%
3		10	3.2%
4		10	3.2%
5		11	3.5%

6		5	1.6%
8		1	0.3%
9		2	0.6%
10		4	1.3%
15		4	1.3%
20		1	0.3%
25		1	0.3%
30		1	0.3%
100		1	0.3%
Sysmiss		85	

### E31A\_BR: Market share of largest competitor in the last fiscal year

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

#### Overview

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		16	20%
1		3	3.8%
2		34	42.5%
3		27	33.8%
Sysmiss		322	

### E31B\_BR: Market share of largest competitor in the last fiscal year

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

#### Overview

Valid: 92 Invalid: 310 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		60	65.2%

2		2	2.2%
5		4	4.3%
10		1	1.1%
15		1	1.1%
20		1	1.1%
25		1	1.1%
30		2	2.2%
40		2	2.2%
46		1	1.1%
50		3	3.3%
60		3	3.3%
75		1	1.1%
85		1	1.1%
90		2	2.2%
99		1	1.1%
100		6	6.5%
Sysmiss		310	

## E6: Do You Use Technology Licensed From A Foreign-Owned Company?

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

### Overview

Valid: 119 Invalid: 283 Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		18	15.1%
2		101	84.9%
Sysmiss		283	

## E6\_BR: Do You Use Technology Licensed From A Foreign-Owned Company? Asked of services e

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

### Overview

Valid: 259 Invalid: 143 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		5	1.9%
1		45	17.4%
2		209	80.7%
Sysmiss		143	

## E6\_ESBR: Do You Use Technology Licensed From A Foreign-Owned Company? COMBINED VERSION M

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

### Overview

Valid: 317 Invalid: 85 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		5	1.6%
1		49	15.5%
2		263	83%
Sysmiss		85	

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

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

### Overview

Valid: 402 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)	16	4%
1	Yes	223	55.5%
2	No	163	40.5%

**E32\_BR: Change in competition in the last year?**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		1	0.3%
1		228	70.8%
2		16	5%
3		77	23.9%
Sysmiss		80	

**E33\_BR: Establishment can increase prices more than competitors without losing customers**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		2	0.6%
-7		60	18.6%
-6		16	5%
1		95	29.5%
2		149	46.3%
Sysmiss		80	

**E34\_BR: SOEs operating in the establishment's main market?**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		9	2.8%
1		18	5.6%
2		295	91.6%
Sysmiss		80	

**E35\_BR: How SOE affects ability to grow and expand?**

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

**Overview**

Valid: 18 Invalid: 384 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		4	22.2%
1		4	22.2%
2		8	44.4%
3		2	11.1%
Sysmiss		384	

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

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

**Overview**

Valid: 402 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)	5	1.2%
-7	Does not apply	35	8.7%
0	No obstacle	145	36.1%
1	Minor obstacle	62	15.4%
2	Moderate obstacle	54	13.4%
3	Major obstacle	64	15.9%
4	Very severe obstacle	37	9.2%

## H1: New Products/Services Introduced Over Last 3 Yrs

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

### Overview

Valid: 402 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	2.2%
1	Yes	99	24.6%
2	No	294	73.1%

## H2: New Products/Services Also New For Thr Establishment'S Main Market

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

### Overview

Valid: 99 Invalid: 303 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	77	77.8%
2	No	22	22.2%
Sysmiss		303	

**H3X: Describe In Detail The Main New or Significantly Improved Product or Service****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Continuous Width: 169 Range: - Format: character

**H4X: Describe How The Main New/Significantly Improved Product or Service Is Different****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Continuous Width: 204 Range: - Format: character

**H5: During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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	2%
1	Yes	38	9.5%
2	No	356	88.6%

**H6X: Describe Main New/Significantly Improved Process This Establishment Introduced****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Discrete Width: 107 Range: - Format: character

**H7X: How The Main New/Significantly Improved Process Is Different****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Discrete Width: 141 Range: - Format: character

**H8: During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	15	3.7%
1	Yes	42	10.4%
2	No	345	85.8%

**H9: How Much Spent On R&D, Either In-House or External?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 42 Invalid: 360 Minimum: -9 Maximum: 1000000  
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 1000000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	35.7%
20		1	2.4%
500		1	2.4%
600		1	2.4%
720		1	2.4%
800		1	2.4%
1000		2	4.8%
2000		3	7.1%
5000		1	2.4%
7000		1	2.4%
10000		5	11.9%
12000		2	4.8%
20000		3	7.1%

22000		1	2.4%
50000		2	4.8%
160000		1	2.4%
1000000		1	2.4%
Sysmiss		360	

## F1: In Last FY, What Was The Capacity Utilization (%) of This Establishment?

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

### Overview

Valid: 119 Invalid: 283 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	29.4%
20		2	1.7%
30		1	0.8%
35		1	0.8%
40		2	1.7%
45		1	0.8%
48		1	0.8%
50		8	6.7%
53		2	1.7%
58		1	0.8%
60		5	4.2%
62		1	0.8%
65		1	0.8%
70		6	5%
75		3	2.5%
80		6	5%
83		1	0.8%
85		4	3.4%
90		4	3.4%
100		34	28.6%
Sysmiss		283	

**G2: Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years**

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

**Overview**

Valid: 402 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	0.5%
1	Yes	40	10%
2	No	360	89.6%

**G3: How Many Days Did It Take For You To Obtain A Construction-Related Permit?**

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

**Overview**

Valid: 40 Invalid: 362 Minimum: -9 Maximum: 150  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 150 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	17.5%
-6	Still in process	13	32.5%
-5	Application denied	3	7.5%
1	One day or less	0	0%
4		1	2.5%
7		1	2.5%
10		1	2.5%
14		1	2.5%
15		3	7.5%
30		2	5%
60		2	5%
90		2	5%
120		2	5%
150		2	5%
Sysmiss		362	

**G4: Informal Gift/Payment Expected or Requested For A Construction-Related Permit**

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

**Overview**

Valid: 40 Invalid: 362 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	5%
-8	Refusal (spontaneous)	1	2.5%
1	Yes	11	27.5%
2	No	26	65%
Sysmiss		362	

**G31\_BR: In last 2 years, establishment applied for occupancy permit**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		7	2.2%
-7		36	11.2%
1		22	6.8%
2		257	79.8%
Sysmiss		80	

**G32\_BR: Wait for occupancy permit**

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

**Overview**

Valid: 22 Invalid: 380 Minimum: -9 Maximum: 7  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 7 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		5	22.7%
-6		4	18.2%
-5		3	13.6%
1		7	31.8%
7		3	13.6%
Sysmiss		380	

### G33\_BR: Cost of occupancy permit

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

#### Overview

Valid: 22 Invalid: 380 Minimum: -9 Maximum: 200000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 200000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		11	50%
0		1	4.5%
15		1	4.5%
20		1	4.5%
75		1	4.5%
80		1	4.5%
250		1	4.5%
300		1	4.5%
4000		2	9.1%
10000		1	4.5%
200000		1	4.5%
Sysmiss		380	

### G5A: What Is The Total Selling Area In This Establishment?

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

**Overview**

Valid: 84 Invalid: 318 Minimum: -9 Maximum: 2000  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	25	29.8%
2		2	2.4%
3		2	2.4%
4		1	1.2%
5		4	4.8%
6		2	2.4%
8		2	2.4%
10		2	2.4%
12		3	3.6%
14		1	1.2%
17		7	8.3%
20		3	3.6%
24		4	4.8%
25		2	2.4%
28		2	2.4%
30		3	3.6%
36		2	2.4%
40		1	1.2%
48		1	1.2%
100		1	1.2%
144		1	1.2%
150		1	1.2%
200		2	2.4%
300		1	1.2%
400		2	2.4%
450		1	1.2%
700		1	1.2%
1200		1	1.2%
1500		1	1.2%
1925		1	1.2%
2000		2	2.4%
Sysmiss		318	

**G5B: The Area Is Measured In:****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 59 Invalid: 343 Minimum: 2 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 2 - 3 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Square Feet	0	0%
2	Square Yards	1	1.7%
3	Square Meters	58	98.3%
4	Other	0	0%
Sysmiss		343	

**G5BX: Specify Other Units (If Not Included Above) The Area Is Measured In****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Discrete Width: 1 Range: - Format: character

**G30A: How Much of An Obstacle: Access To Land?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	2	0.5%
-7	Does not apply	35	8.7%
0	No obstacle	210	52.2%
1	Minor obstacle	65	16.2%
2	Moderate obstacle	30	7.5%

3	Major obstacle	29	7.2%
4	Very severe obstacle	31	7.7%

### GE3\_BR: Experience damage of physical assets due to extreme weather events?

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

#### Overview

Valid: 322 Invalid: 80 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	86	26.7%
2	No	235	73%
Sysmiss		80	

### GE3A\_BR: Monetary damage of physical assets?

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

#### Overview

Valid: 86 Invalid: 316 Minimum: -9 Maximum: 200000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 200000000 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	22	25.6%
4		1	1.2%
5		1	1.2%
20		1	1.2%
25		1	1.2%
80		1	1.2%
200		2	2.3%
250		1	1.2%
300		1	1.2%
400		1	1.2%

700		1	1.2%
900		1	1.2%
1000		3	3.5%
1200		1	1.2%
1400		1	1.2%
1500		3	3.5%
2000		3	3.5%
2500		1	1.2%
3000		4	4.7%
5000		4	4.7%
6000		1	1.2%
7000		2	2.3%
8000		2	2.3%
9000		1	1.2%
10000		2	2.3%
12000		2	2.3%
15000		1	1.2%
20000		2	2.3%
23000		1	1.2%
29000		1	1.2%
30000		1	1.2%
37000		1	1.2%
50000		1	1.2%
55000		1	1.2%
60000		1	1.2%
100000		3	3.5%
200000		2	2.3%
400000		1	1.2%
1000000		1	1.2%
1600000		1	1.2%
2000000		1	1.2%
20000000		1	1.2%
200000000		2	2.3%
Sysmiss		316	

### GE7\_BR: Over the last 3 years, establishment monitor its CO2 emissions?

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

**Overview**

Valid: 322 Invalid: 80 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)	7	2.2%
1	Yes	23	7.1%
2	No	292	90.7%
Sysmiss		80	

**GE8D\_BR: Over last 3 years, establishment adopt energy management measures?**

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

**Overview**

Valid: 322 Invalid: 80 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	2.5%
-7	Establishment was not in business	1	0.3%
1	Yes	109	33.9%
2	No	204	63.4%
Sysmiss		80	

**K3A: % of Working Capital Financed From Internal Funds/Retained Earnings**

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

**Overview**

Valid: 402 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)	32	8%
0		14	3.5%
5		1	0.2%
10		1	0.2%
15		1	0.2%
20		3	0.7%
22		1	0.2%
25		1	0.2%
30		9	2.2%
40		9	2.2%
50		23	5.7%
55		2	0.5%
60		12	3%
70		14	3.5%
75		3	0.7%
80		23	5.7%
85		3	0.7%
90		9	2.2%
95		2	0.5%
99		1	0.2%
100		238	59.2%

### K3BC: % of Working Capital Borrowed From Banks

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

#### Overview

Valid: 402 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)	33	8.2%
0		332	82.6%
2		1	0.2%
5		1	0.2%
10		2	0.5%
20		7	1.7%

25		3	0.7%
30		8	2%
35		1	0.2%
40		2	0.5%
50		2	0.5%
60		4	1%
70		1	0.2%
75		2	0.5%
100		3	0.7%

### K3E: % of Working Capital Borrowed From Non-Bank Financial Institutions

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

#### Overview

Valid: 402 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)	34	8.5%
0		342	85.1%
1		1	0.2%
3		1	0.2%
10		1	0.2%
12		1	0.2%
15		1	0.2%
25		1	0.2%
30		3	0.7%
40		5	1.2%
50		7	1.7%
60		2	0.5%
80		1	0.2%
100		2	0.5%

### K3F: % of Working Capital Purchased On Credit/Advances From Suppliers /Customers

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

**Overview**

Valid: 402 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)	38	9.5%
0		304	75.6%
5		3	0.7%
8		1	0.2%
10		13	3.2%
15		3	0.7%
20		12	3%
25		1	0.2%
30		6	1.5%
40		4	1%
50		10	2.5%
60		1	0.2%
67		1	0.2%
70		2	0.5%
80		2	0.5%
100		1	0.2%

**K3HD: % of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)**

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

**Overview**

Valid: 402 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	8.7%
0		323	80.3%
5		4	1%
10		10	2.5%

11		1	0.2%
15		1	0.2%
20		10	2.5%
25		1	0.2%
30		4	1%
40		4	1%
50		4	1%
55		1	0.2%
60		1	0.2%
100		3	0.7%

#### K4: Did This Establishment Purchase Any Fixed Assets In Last FY?

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

##### Overview

Valid: 402 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)	7	1.7%
1	Yes	160	39.8%
2	No	235	58.5%

#### N5A: Total Annual Expenditure For Purchases of Equipment In Last FY

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

##### Overview

Valid: 160 Invalid: 242 Minimum: -9 Maximum: 300000000

Type: Discrete Decimal: 0 Width: 9 Range: -9 - 300000000 Format: Numeric

##### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	19	11.9%
0		4	2.5%
15		1	0.6%

50		2	1.3%
60		1	0.6%
80		1	0.6%
100		2	1.3%
150		1	0.6%
200		2	1.3%
400		1	0.6%
500		2	1.3%
600		2	1.3%
800		3	1.9%
960		1	0.6%
1000		5	3.1%
1200		7	4.4%
1400		2	1.3%
1500		1	0.6%
1600		1	0.6%
1700		1	0.6%
1800		3	1.9%
2000		4	2.5%
2400		1	0.6%
2500		1	0.6%
3000		3	1.9%
3500		1	0.6%
5000		2	1.3%
6000		1	0.6%
7000		1	0.6%
7200		1	0.6%
8000		1	0.6%
9000		1	0.6%
10000		5	3.1%
11000		1	0.6%
12000		1	0.6%
15000		2	1.3%
20000		4	2.5%
25000		1	0.6%
30000		4	2.5%
35000		2	1.3%
36000		1	0.6%
40000		4	2.5%

45000		2	1.3%
50000		5	3.1%
60000		3	1.9%
63000		1	0.6%
70000		2	1.3%
80000		3	1.9%
95000		1	0.6%
100000		12	7.5%
130000		1	0.6%
140000		2	1.3%
200000		2	1.3%
211000		1	0.6%
320000		1	0.6%
400000		1	0.6%
406000		1	0.6%
500000		1	0.6%
600000		1	0.6%
800000		1	0.6%
880000		1	0.6%
1100000		1	0.6%
1200000		1	0.6%
1500000		1	0.6%
1600000		1	0.6%
2534000		1	0.6%
3000000		1	0.6%
4000000		1	0.6%
5000000		1	0.6%
10800000		1	0.6%
18000000		1	0.6%
60000000		1	0.6%
75000000		1	0.6%
300000000		2	1.3%
Sysmiss		242	

## N5B: Total Annual Expenditure For Purchases of Land And Buildings In Last FY

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

### Overview

Valid: 160    Invalid: 242    Minimum: -9    Maximum: 1150000

Type: Discrete    Decimal: 0    Width: 7    Range: -9 - 1150000    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	13	8.1%
0		118	73.8%
40		1	0.6%
200		1	0.6%
800		2	1.3%
900		1	0.6%
1000		1	0.6%
3000		3	1.9%
5000		1	0.6%
6000		1	0.6%
8000		1	0.6%
10000		2	1.3%
15000		1	0.6%
20000		2	1.3%
25000		1	0.6%
30000		1	0.6%
32000		1	0.6%
45000		1	0.6%
50000		1	0.6%
56000		1	0.6%
60000		1	0.6%
65000		1	0.6%
200000		1	0.6%
250000		1	0.6%
500000		1	0.6%
1150000		1	0.6%
Sysmiss		242	

**K5A: Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings**

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

**Overview**Valid: 80    Invalid: 322    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	6.3%
0		4	5%
15		1	1.3%
20		1	1.3%
30		2	2.5%
50		6	7.5%
60		4	5%
70		3	3.8%
80		7	8.8%
90		1	1.3%
95		1	1.3%
100		45	56.3%
Sysmiss		322	

## K5A1: Fixed Assets - Value Internal Funds or Retained Earnings

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

### Overview

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 60000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 60000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	9	11.3%
0		2	2.5%
10		1	1.3%
30		1	1.3%
50		2	2.5%
500		1	1.3%
600		2	2.5%
800		2	2.5%
900		1	1.3%
1000		2	2.5%

1200		5	6.3%
1400		1	1.3%
1500		1	1.3%
1800		2	2.5%
2000		4	5%
2400		1	1.3%
3000		1	1.3%
5000		1	1.3%
7200		1	1.3%
9000		1	1.3%
10000		2	2.5%
12000		1	1.3%
15000		1	1.3%
20000		1	1.3%
20800		1	1.3%
30000		2	2.5%
36000		1	1.3%
40000		2	2.5%
50000		4	5%
60000		2	2.5%
66000		1	1.3%
70000		1	1.3%
80000		3	3.8%
100000		5	6.3%
105000		1	1.3%
115000		1	1.3%
130000		1	1.3%
132000		1	1.3%
140000		2	2.5%
156000		1	1.3%
200000		1	1.3%
320000		1	1.3%
400000		1	1.3%
930000		1	1.3%
60000000		1	1.3%
Sysmiss		322	

**K5I: Last FY, % Fixed Assets Funded By: Owners' Contributions or Issued New Equity****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	7.5%
0		66	82.5%
7		1	1.3%
20		3	3.8%
40		2	2.5%
50		2	2.5%
Sysmiss		322	

**K5I1: Fixed Assets - Value Owners' Contribution or Issued New Equity Shares****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 6000  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 6000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	8.8%
0		71	88.8%
90		1	1.3%
6000		1	1.3%
Sysmiss		322	

**K5BC: Last FY, % Fixed Assets Funded By: Bank Borrowing****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 80 Invalid: 322 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)	6	7.5%
0		62	77.5%
5		2	2.5%
10		2	2.5%
20		2	2.5%
30		2	2.5%
33		1	1.3%
50		1	1.3%
100		2	2.5%
Sysmiss		322	

**K5BC1: Fixed Assets - Value Borrowed From Banks**

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

**Overview**Valid: 80    Invalid: 322    Minimum: -9    Maximum: 30000  
Type: Discrete    Decimal: 0    Width: 5    Range: -9 - 30000    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	8.8%
0		70	87.5%
100		1	1.3%
3000		1	1.3%
30000		1	1.3%
Sysmiss		322	

**K5E: Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions**

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

**Overview**

Valid: 80    Invalid: 322    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)	6	7.5%
0		70	87.5%
25		1	1.3%
50		1	1.3%
65		1	1.3%
100		1	1.3%
Sysmiss		322	

**K5E1: Fixed Assets - Value Borrowed From Non-Bank Financial Institutions**

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

**Overview**Valid: 80    Invalid: 322    Minimum: -9    Maximum: 50  
Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 50    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	10%
0		71	88.8%
50		1	1.3%
Sysmiss		322	

**K5F: Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers**

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

**Overview**Valid: 80    Invalid: 322    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)	6	7.5%
0		68	85%
5		1	1.3%
10		1	1.3%
15		1	1.3%
20		1	1.3%
50		1	1.3%
80		1	1.3%
Sysmiss		322	

### K5F1: Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers

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

#### Overview

Valid: 80 Invalid: 322 Minimum: -9

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

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	10%
0		72	90%
Sysmiss		322	

### K5HDJ: Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)

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

#### Overview

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 50

Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	7	8.8%
0		66	82.5%
10		1	1.3%
20		3	3.8%

40		1	1.3%
50		2	2.5%
Sysmiss		322	

### K5HDJ1: Fixed Assets - Value Other

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

#### Overview

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 20  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 20 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	7.5%
0		73	91.3%
20		1	1.3%
Sysmiss		322	

### K4B: Purchase Any New/Used Fixed Assets?

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

#### Overview

Valid: 119 Invalid: 283 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	1.7%
1	Yes	15	12.6%
2	No	102	85.7%
Sysmiss		283	

### N5C: Total Annual Expenditure For Purchases of Equipment In Year Prior To Last FY

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

**Overview**

Valid: 15 Invalid: 387 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)	5	33.3%
0		1	6.7%
1000		1	6.7%
2400		1	6.7%
3000		2	13.3%
6000		1	6.7%
165000		1	6.7%
280000		1	6.7%
582000		1	6.7%
50000000		1	6.7%
Sysmiss		387	

**N5D: Total Annual Expenditure On Land And Buildings In Year Prior To Last FY**

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

**Overview**

Valid: 15 Invalid: 387 Minimum: -9 Maximum: 40000  
 Type: Discrete Decimal: 0 Width: 5 Range: -9 - 40000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	26.7%
0		10	66.7%
40000		1	6.7%
Sysmiss		387	

**K6: Does This Establishment Have A Checking And/or Saving Account?**

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

**Overview**

Valid: 402 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	1%
1	Yes	249	61.9%
2	No	149	37.1%

**K7: At This Time, Does This Establishment Have An Overdraft Facility?**

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

**Overview**

Valid: 402 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)	17	4.2%
1	Yes	159	39.6%
2	No	226	56.2%

**K8: Establishment Has A Line of Credit or Loan From A Financial Institution?**

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

**Overview**

Valid: 402 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		16	4%
1		50	12.4%
2		336	83.6%

**K82\_BR: Establishment Has A Line of Credit or Loan From A Financial Institution?**

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

**Overview**

Valid: 322 Invalid: 80 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)	106	32.9%
1	Yes, a loan only	7	2.2%
2	Yes, a line of credit only	2	0.6%
3	Yes, both a line of credit and a loan	18	5.6%
4	No	189	58.7%
Sysmiss		80	

**K9: Type of Financial Institution That Granted The Line of Credit or Loan**

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

**Overview**

Valid: 50 Invalid: 352 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	33	66%
2	State-owned banks or government agency	3	6%
3	Non-bank financial institutions	14	28%
4	Other	0	0%
Sysmiss		352	

**K10: Year When The Most Recent Loan/Line of Credit Approved**

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

## Overview

Valid: 50 Invalid: 352 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)	6	12%
1994		1	2%
2016		2	4%
2018		2	4%
2019		8	16%
2020		3	6%
2021		21	42%
2022		7	14%
Sysmiss		352	

## K11: For The Most Recent Loan, What Was The Value At The Time of Approval?

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

## Overview

Valid: 50 Invalid: 352 Minimum: -9 Maximum: 600000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 600000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	6	12%
-8	Refusal (spontaneous)	13	26%
1500		1	2%
2000		1	2%
3000		2	4%
4281		1	2%
6000		1	2%
7000		1	2%
10000		2	4%
20000		1	2%
25000		1	2%

30000		1	2%
35000		1	2%
40000		1	2%
50000		1	2%
100000		4	8%
120000		1	2%
300000		1	2%
400000		1	2%
2000000		1	2%
4500000		1	2%
5000000		1	2%
8400000		1	2%
12000000		1	2%
17000000		1	2%
35000000		1	2%
500000000		1	2%
600000000		1	2%
Sysmiss		352	

### K13: Financing Required For The Most Recent Line of Credit or Loan

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

#### Overview

Valid: 50 Invalid: 352 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%
1	Yes	41	82%
2	No	6	12%
Sysmiss		352	

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

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

**Overview**

Valid: 41 Invalid: 361 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	4.9%
1	Yes	15	36.6%
2	No	24	58.5%
Sysmiss		361	

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

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

**Overview**

Valid: 41 Invalid: 361 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	4.9%
1	Yes	23	56.1%
2	No	16	39%
Sysmiss		361	

**K14C: Type of Collateral Required For The Most Recent Loan? Accounts**

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

**Overview**

Valid: 41 Invalid: 361 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	7.3%

1	Yes	5	12.2%
2	No	33	80.5%
Sysmiss		361	

### K14D: Type of Collateral Required For The Most Recent Loan? Personal Assets

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

#### Overview

Valid: 41 Invalid: 361 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	2.4%
1	Yes	23	56.1%
2	No	17	41.5%
Sysmiss		361	

### K14E: Type of Collateral Required For The Most Recent Loan? Other

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

#### Overview

Valid: 41 Invalid: 361 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	4.9%
1	Yes	11	26.8%
2	No	28	68.3%
Sysmiss		361	

### K15A: Value of Collateral Required For The Most Recent Credit/Loan

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

**Overview**

Valid: 41 Invalid: 361 Minimum: -9 Maximum: 600000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 600000000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	15	36.6%
750		1	2.4%
1000		1	2.4%
4000		1	2.4%
5000		1	2.4%
10000		2	4.9%
15000		1	2.4%
20000		1	2.4%
30000		1	2.4%
40000		1	2.4%
50000		2	4.9%
65000		2	4.9%
150000		1	2.4%
200000		2	4.9%
545484		1	2.4%
1000000		1	2.4%
1875000		1	2.4%
4000000		1	2.4%
8000000		1	2.4%
17000000		1	2.4%
40000000		1	2.4%
100000000		1	2.4%
600000000		1	2.4%
Sysmiss		361	

**K15B: Total Number of Open Lines of Credit and Outstanding Loans**

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

**Overview**

Valid: 50 Invalid: 352 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)	21	42%
1		24	48%
2		2	4%
3		2	4%
12		1	2%
Sysmiss		352	

## K15C: Total Outstanding Balance of All Open Lines of Credit and Loans (LCU)

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

### Overview

Valid: 29 Invalid: 373 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)	5	17.2%
-8	Refusal (spontaneous)	6	20.7%
1600		1	3.4%
3000		1	3.4%
38000		1	3.4%
45000		1	3.4%
60000		1	3.4%
75000		1	3.4%
92400		1	3.4%
100000		1	3.4%
135000		1	3.4%
140625		1	3.4%
152000		1	3.4%
180000		1	3.4%
835000		1	3.4%
1000000		1	3.4%
8400000		1	3.4%

35000000		1	3.4%
500000000		1	3.4%
700000000		1	3.4%
Sysmiss		373	

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

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

#### Overview

Valid: 402 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)	30	7.5%
1	Yes	51	12.7%
2	No	321	79.9%

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

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 2  
Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		19	4.7%
1		43	10.7%
2		340	84.6%

### K162\_BR: In Last FY, Did Establishment Apply For New Loans/Lines of Credit?

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

#### Overview

Valid: 322 Invalid: 80 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)	108	33.5%
1	Yes, a loan only	8	2.5%
2	Yes, a line of credit only	1	0.3%
3	Yes, both a line of credit and a loan	15	4.7%
4	No	190	59%
Sysmiss		80	

## K17: Main Reason For Not Applying For New Loans or New Lines of Credit

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

### Overview

Valid: 340    Invalid: 62    Minimum: -9    Maximum: 7  
 Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 7    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	9	2.6%
1	No need for a loan - establishment had sufficient capital	153	45%
2	Application procedures were complex	34	10%
3	Interest rates were not favorable	55	16.2%
4	Collateral requirements were too high	54	15.9%
5	Size of loan and maturity were insufficient	4	1.2%
6	Did not think it would be approved	7	2.1%
7	Other	24	7.1%
Sysmiss		62	

## K20A1: What Was The Outcome of That Most Recent Application For Loan/Line of Credit?

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

### Overview

Valid: 43    Invalid: 359    Minimum: -6    Maximum: 4  
 Type: Discrete    Decimal: 0    Width: 2    Range: -6 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-6	Still in process	2	4.7%
1	Application was approved in full	26	60.5%
2	Application was approved in part	11	25.6%
3	Application was rejected	3	7%
4	Application was withdrawn	1	2.3%
Sysmiss		359	

### K31\_BR: Total cost to apply for most recent loan

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

#### Overview

Valid: 23 Invalid: 379 Minimum: -9 Maximum: 100000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 100000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		12	52.2%
0		1	4.3%
15		1	4.3%
20		1	4.3%
25		1	4.3%
270		1	4.3%
300		1	4.3%
800		1	4.3%
1000		1	4.3%
4000		1	4.3%
23000		1	4.3%
100000		1	4.3%
Sysmiss		379	

**K32\_BR: Days to receive a decision about most recent loan application****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 23 Invalid: 379 Minimum: -9 Maximum: 120  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 120 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		8	34.8%
1		1	4.3%
2		1	4.3%
6		1	4.3%
7		2	8.7%
13		1	4.3%
15		1	4.3%
30		5	21.7%
45		1	4.3%
60		1	4.3%
120		1	4.3%
Sysmiss		379	

**K21: Financial Statements Checked & Certified By External Auditor In Last FY?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	13	3.2%
1	Yes	102	25.4%
2	No	287	71.4%

**K33\_BR: Percentage of payments received using e-payments****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 322    Invalid: 80    Minimum: -9    Maximum: 100  
 Type: Discrete    Decimal: 0    Width: 3    Range: -9 - 100    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		54	16.8%
0		62	19.3%
1		7	2.2%
2		6	1.9%
3		1	0.3%
4		1	0.3%
5		25	7.8%
8		1	0.3%
10		23	7.1%
15		9	2.8%
20		13	4%
25		10	3.1%
30		11	3.4%
35		3	0.9%
40		8	2.5%
43		1	0.3%
45		4	1.2%
50		22	6.8%
55		1	0.3%
60		11	3.4%
65		1	0.3%
69		1	0.3%
70		6	1.9%
75		8	2.5%
79		1	0.3%
80		1	0.3%
90		6	1.9%
95		3	0.9%
100		22	6.8%
Sysmiss		80	

**K34\_BR: Main type of e-payment accepted**

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

**Overview**

Valid: 206 Invalid: 196 Minimum: -9 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 6 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		1	0.5%
1		99	48.1%
2		1	0.5%
3		10	4.9%
4		11	5.3%
5		83	40.3%
6		1	0.5%
Sysmiss		196	

**K35\_BR: Avg. days to receive main type of e-payment**

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

**Overview**

Valid: 205 Invalid: 197 Minimum: -9 Maximum: 60  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 60 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		6	2.9%
0		137	66.8%
1		3	1.5%
2		11	5.4%
3		18	8.8%
4		4	2%
5		9	4.4%
6		2	1%

7		5	2.4%
10		2	1%
14		1	0.5%
15		2	1%
30		2	1%
35		1	0.5%
48		1	0.5%
60		1	0.5%
Sysmiss		197	

### K36\_BR: Cost per transaction (% of transaction) to receive main type of e-payment

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

#### Overview

Valid: 205 Invalid: 197 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		78	38%
0		26	12.7%
1		40	19.5%
2		21	10.2%
3		10	4.9%
4		3	1.5%
5		14	6.8%
6		1	0.5%
7		1	0.5%
10		4	2%
15		4	2%
20		1	0.5%
25		1	0.5%
30		1	0.5%
Sysmiss		197	

**K37\_BR: Monthly fees and subscription costs to receive main type of e-payment**

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

**Overview**

Valid: 205 Invalid: 197 Minimum: -9 Maximum: 4000000  
 Type: Discrete Decimal: 0 Width: 7 Range: -9 - 4000000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		150	73.2%
0		32	15.6%
1		3	1.5%
2		1	0.5%
3		1	0.5%
5		2	1%
10		2	1%
20		2	1%
30		1	0.5%
60		1	0.5%
150		1	0.5%
200		2	1%
300		1	0.5%
5000		1	0.5%
8000		2	1%
10000		1	0.5%
50000		1	0.5%
4000000		1	0.5%
Sysmiss		197	

**K38\_BR: Percentage of payments made using e-payments**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		76	23.6%
0		96	29.8%
1		5	1.6%
2		4	1.2%
3		3	0.9%
5		12	3.7%
7		1	0.3%
10		13	4%
15		4	1.2%
20		10	3.1%
25		8	2.5%
30		3	0.9%
35		3	0.9%
40		2	0.6%
45		2	0.6%
50		24	7.5%
60		6	1.9%
65		2	0.6%
70		5	1.6%
75		1	0.3%
80		5	1.6%
85		2	0.6%
90		9	2.8%
95		1	0.3%
99		1	0.3%
100		24	7.5%
Sysmiss		80	

### K39\_BR: Main type of e-payment used to make payments

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

#### Overview

Valid: 150 Invalid: 252 Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

#### Questions and instructions

CATEGORIES

Value	Category	Cases	
1		78	52%
2		1	0.7%
3		3	2%
4		6	4%
5		56	37.3%
6		6	4%
Sysmiss		252	

### K40\_BR: Cost per transaction (% of transaction) to make main type of e-payment

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

#### Overview

Valid: 150 Invalid: 252 Minimum: -9 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		70	46.7%
0		8	5.3%
1		29	19.3%
2		7	4.7%
3		14	9.3%
4		3	2%
5		9	6%
7		1	0.7%
10		2	1.3%
12		1	0.7%
15		2	1.3%
25		2	1.3%
30		1	0.7%
50		1	0.7%
Sysmiss		252	

### K30: How Much of An Obstacle: Access To Finance

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

**Overview**

Valid: 402 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)	3	0.7%
-7	Does not apply	17	4.2%
0	No obstacle	152	37.8%
1	Minor obstacle	84	20.9%
2	Moderate obstacle	59	14.7%
3	Major obstacle	48	11.9%
4	Very severe obstacle	39	9.7%

**J31\_BR: In resolving commercial disputes, courts are independent and impartial**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		28	8.7%
-7		17	5.3%
1		59	18.3%
2		91	28.3%
3		101	31.4%
4		26	8.1%
Sysmiss		80	

**J2: What % of Senior Management Time Was Spent In Dealing With Govt Regulations?**

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

**Overview**

Valid: 402 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)	27	6.7%
0	No time was spent	204	50.7%
1		60	14.9%
2		18	4.5%
3		8	2%
4		2	0.5%
5		8	2%
6		1	0.2%
8		5	1.2%
9		1	0.2%
10		9	2.2%
12		1	0.2%
20		11	2.7%
23		1	0.2%
24		1	0.2%
25		3	0.7%
30		1	0.2%
33		1	0.2%
40		2	0.5%
47		1	0.2%
48		1	0.2%
50		5	1.2%
60		1	0.2%
64		1	0.2%
70		1	0.2%
80		3	0.7%
90		4	1%
91		1	0.2%
95		1	0.2%
100		19	4.7%

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

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

## Overview

Valid: 402 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	0.7%
1	Yes	195	48.5%
2	No	204	50.7%

## J4: Frequency of Inspections/Requirement For Meeting By Tax officials

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

## Overview

Valid: 195 Invalid: 207 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)	6	3.1%
1		151	77.4%
2		29	14.9%
3		6	3.1%
4		1	0.5%
5		1	0.5%
6		1	0.5%
Sysmiss		207	

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

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

## Overview

Valid: 195 Invalid: 207 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)	6	3.1%
-8	Refusal (spontaneous)	4	2.1%
1	Yes	17	8.7%
2	No	168	86.2%
Sysmiss		207	

### J32\_BR: Did any of these visits or meetings consist of a tax audit?

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

#### Overview

Valid: 113 Invalid: 289 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		5	4.4%
1		65	57.5%
2		43	38.1%
Sysmiss		289	

### J33\_BR: Weeks until final audit report was received

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

#### Overview

Valid: 73 Invalid: 329 Minimum: -9 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		27	37%
-5		5	6.8%
1		27	37%

2		3	4.1%
4		1	1.4%
10		1	1.4%
12		2	2.7%
20		1	1.4%
24		2	2.7%
40		1	1.4%
50		3	4.1%
Sysmiss		329	

### J34\_BR: Establishment outsourced some tax-related activities in the last FY

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		9	2.8%
1		76	23.6%
2		47	14.6%
3		190	59%
Sysmiss		80	

### J35A\_BR: Total annual time spent on tax compliance (hours)

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

#### Overview

Valid: 129 Invalid: 273 Minimum: -9 Maximum: 4320  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 4320 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		55	42.6%
1		7	5.4%

2		4	3.1%
3		2	1.6%
5		1	0.8%
6		2	1.6%
8		1	0.8%
10		1	0.8%
15		1	0.8%
24		6	4.7%
30		2	1.6%
35		1	0.8%
48		13	10.1%
50		1	0.8%
60		1	0.8%
70		1	0.8%
72		5	3.9%
78		4	3.1%
96		1	0.8%
120		1	0.8%
125		1	0.8%
168		6	4.7%
192		1	0.8%
240		2	1.6%
250		2	1.6%
290		1	0.8%
480		1	0.8%
720		2	1.6%
950		1	0.8%
1248		1	0.8%
4320		1	0.8%
Sysmiss		273	

### J35B\_BR: Average monthly time spent on tax compliance (hours)

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

#### Overview

Valid: 112    Invalid: 290    Minimum: -9    Maximum: 700  
 Type: Discrete    Decimal: 0    Width: 3    Range: -9 - 700    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		51	45.5%
1		5	4.5%
2		3	2.7%
3		6	5.4%
4		3	2.7%
5		3	2.7%
6		1	0.9%
7		2	1.8%
8		2	1.8%
10		2	1.8%
12		1	0.9%
15		1	0.9%
16		1	0.9%
20		1	0.9%
21		1	0.9%
24		10	8.9%
40		1	0.9%
48		6	5.4%
72		4	3.6%
78		1	0.9%
95		1	0.9%
100		1	0.9%
120		2	1.8%
125		1	0.9%
168		1	0.9%
700		1	0.9%
Sysmiss		290	

### J36\_BR: In last FY, did establishment file taxes electronically

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		6	1.9%
1		69	21.4%
2		26	8.1%
3		221	68.6%
Sysmiss		80	

### J37\_BR: In last FY, did establishment pay taxes electronically

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		5	1.6%
1		59	18.3%
2		27	8.4%
3		231	71.7%
Sysmiss		80	

### J38\_BR: In the last 3 yrs., establishment has applied for a VAT refund

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		28	8.7%
-7		58	18%

-6		13	4%
1		23	7.1%
2		200	62.1%
Sysmiss		80	

## J39\_BR: Weeks to receive VAT refund

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

### Overview

Valid: 23 Invalid: 379 Minimum: -9 Maximum: 104  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 104 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		2	8.7%
-5		6	26.1%
2		1	4.3%
4		3	13%
5		1	4.3%
12		1	4.3%
20		1	4.3%
24		2	8.7%
28		1	4.3%
32		1	4.3%
52		2	8.7%
96		1	4.3%
104		1	4.3%
Sysmiss		379	

## J40\_BR: Main reason for not applying for a VAT tax refund

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

### Overview

Valid: 200 Invalid: 202 Minimum: -9 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 3 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		53	26.5%
1		13	6.5%
2		46	23%
3		88	44%
Sysmiss		202	

## J6A: Government Contract Secured (or Attempted) In The Last 12 Months?

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

### Overview

Valid: 402 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	1.2%
1	Yes	51	12.7%
2	No	346	86.1%

## J41\_BR: Degree of difficulty to comply with govt contract tender requirements

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

### Overview

Valid: 31 Invalid: 371 Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		6	19.4%
1		6	19.4%
2		14	45.2%
3		3	9.7%

4		2	6.5%
Sysmiss		371	

## J42\_BR: Establishment has held a govt contract in last 3 yrs?

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

### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		1	0.3%
1		45	14%
2		276	85.7%
Sysmiss		80	

## J43\_BR: Typical number of days to receive payment under govt contract

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

### Overview

Valid: 45 Invalid: 357 Minimum: -9 Maximum: 730  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 730 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		7	15.6%
1		2	4.4%
5		1	2.2%
7		1	2.2%
10		1	2.2%
14		1	2.2%
15		6	13.3%
30		7	15.6%
45		1	2.2%
60		5	11.1%

62		1	2.2%
90		5	11.1%
95		1	2.2%
180		1	2.2%
350		1	2.2%
360		1	2.2%
365		2	4.4%
730		1	2.2%
Sysmiss		357	

## J7A: Percent of Total Annual Sales Paid In Informal Payments

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

### Overview

Valid: 389 Invalid: 13 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)	32	8.2%
-8	Refusal (spontaneous)	35	9%
0	No payments or gifts are paid	291	74.8%
1		6	1.5%
2		3	0.8%
4		1	0.3%
5		10	2.6%
10		2	0.5%
15		1	0.3%
20		5	1.3%
100		3	0.8%
Sysmiss		13	

## J7B: Total Annual Informal Payment

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

### Overview

Valid: 13 Invalid: 389 Minimum: 0 Maximum: 100000  
 Type: Discrete Decimal: 0 Width: 6 Range: 0 - 100000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
-8	Refusal (spontaneous)	0	0%
0	No payments or gifts are paid	1	7.7%
20		2	15.4%
200		1	7.7%
400		1	7.7%
1000		1	7.7%
2000		1	7.7%
3000		1	7.7%
5000		2	15.4%
18000		1	7.7%
20000		1	7.7%
100000		1	7.7%
Sysmiss		389	

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

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

### Overview

Valid: 402 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)	7	1.7%
1	Yes	11	2.7%
2	No	384	95.5%

## J11: How Many Days Did It Take To Obtain Your Import License?

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

### Overview

Valid: 11 Invalid: 391 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	3	27.3%
-6	Still in process	2	18.2%
-5	Application denied	0	0%
1	One day or less	0	0%
3		1	9.1%
8		1	9.1%
10		2	18.2%
26		1	9.1%
30		1	9.1%
Sysmiss		391	

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

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

### Overview

Valid: 11 Invalid: 391 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	9.1%
-8	Refusal (spontaneous)	1	9.1%
1	Yes	2	18.2%
2	No	7	63.6%
Sysmiss		391	

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

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

### Overview

Valid: 402 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)	13	3.2%
1	Yes	25	6.2%
2	No	364	90.5%

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

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

### Overview

Valid: 25 Invalid: 377 Minimum: -9 Maximum: 52  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 52 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	2	8%
-6	Still in process	3	12%
-5	Application denied	3	12%
1	One day or less	1	4%
2		1	4%
3		5	20%
4		2	8%
5		1	4%
7		1	4%
15		1	4%
25		1	4%
26		1	4%
30		2	8%
52		1	4%
Sysmiss		377	

## J15: When You Applied For Operating License Was An Informal Gift/Payment Requested?

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

## Overview

Valid: 25 Invalid: 377 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	8%
-8	Refusal (spontaneous)	0	0%
1	Yes	3	12%
2	No	20	80%
Sysmiss		377	

## J30A: How Much of An Obstacle: Tax Rates

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

## Overview

Valid: 402 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%
-7	Does not apply	14	3.5%
0	No obstacle	128	31.8%
1	Minor obstacle	100	24.9%
2	Moderate obstacle	78	19.4%
3	Major obstacle	46	11.4%
4	Very severe obstacle	35	8.7%

## J30B: How Much of An Obstacle: Tax Administrations

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

## Overview

Valid: 402 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)	3	0.7%
-7	Does not apply	7	1.7%
0	No obstacle	127	31.6%
1	Minor obstacle	114	28.4%
2	Moderate obstacle	70	17.4%
3	Major obstacle	52	12.9%
4	Very severe obstacle	29	7.2%

### J30C: How Much of An Obstacle: Business Licensing And Permits

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

#### Overview

Valid: 402 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)	2	0.5%
-7	Does not apply	14	3.5%
0	No obstacle	210	52.2%
1	Minor obstacle	73	18.2%
2	Moderate obstacle	49	12.2%
3	Major obstacle	30	7.5%
4	Very severe obstacle	24	6%

### J30E: How Much of An Obstacle: Political Instability

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

#### Overview

Valid: 402 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)	4	1%
-7	Does not apply	5	1.2%
0	No obstacle	100	24.9%
1	Minor obstacle	119	29.6%
2	Moderate obstacle	53	13.2%
3	Major obstacle	66	16.4%
4	Very severe obstacle	55	13.7%

### J30F: How Much of An Obstacle: Corruption

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

#### Overview

Valid: 402 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)	2	0.5%
-7	Does not apply	20	5%
0	No obstacle	104	25.9%
1	Minor obstacle	109	27.1%
2	Moderate obstacle	52	12.9%
3	Major obstacle	69	17.2%
4	Very severe obstacle	46	11.4%

### H30: How Much of An Obstacle: Courts

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

#### Overview

Valid: 402 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)	5	1.2%
-7	Does not apply	52	12.9%
0	No obstacle	195	48.5%
1	Minor obstacle	81	20.1%
2	Moderate obstacle	41	10.2%
3	Major obstacle	18	4.5%
4	Very severe obstacle	10	2.5%

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

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

#### Overview

Valid: 402 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%
-7	Does not apply	16	4%
0	No obstacle	112	27.9%
1	Minor obstacle	131	32.6%
2	Moderate obstacle	61	15.2%
3	Major obstacle	57	14.2%
4	Very severe obstacle	24	6%

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

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

#### Overview

Valid: 402 Invalid: Minimum: 2 Maximum: 3997  
 Type: Discrete Decimal: 0 Width: 4 Range: 2 - 3997 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
2		5	1.2%
3		3	0.7%
4		1	0.2%
5		71	17.7%
6		54	13.4%
7		26	6.5%
8		25	6.2%
9		11	2.7%
10		26	6.5%
11		6	1.5%
12		4	1%
13		11	2.7%
14		1	0.2%
15		16	4%
16		1	0.2%
17		2	0.5%
18		4	1%
19		2	0.5%
20		10	2.5%
22		4	1%
23		4	1%
24		3	0.7%
25		6	1.5%
28		2	0.5%
29		1	0.2%
30		6	1.5%
31		2	0.5%
32		1	0.2%
33		2	0.5%
35		3	0.7%
40		7	1.7%
45		2	0.5%
47		1	0.2%
50		7	1.7%

52		1	0.2%
59		1	0.2%
60		4	1%
62		1	0.2%
65		2	0.5%
66		1	0.2%
68		1	0.2%
70		1	0.2%
72		1	0.2%
80		4	1%
81		1	0.2%
85		1	0.2%
90		1	0.2%
98		1	0.2%
100		1	0.2%
101		1	0.2%
104		1	0.2%
105		1	0.2%
110		1	0.2%
120		2	0.5%
125		1	0.2%
145		1	0.2%
150		7	1.7%
157		1	0.2%
162		1	0.2%
192		1	0.2%
200		6	1.5%
201		1	0.2%
210		1	0.2%
226		1	0.2%
250		1	0.2%
270		1	0.2%
300		3	0.7%
320		1	0.2%
350		1	0.2%
400		2	0.5%
427		1	0.2%
450		2	0.5%
501		1	0.2%

600		1	0.2%
689		1	0.2%
700		2	0.5%
720		1	0.2%
750		1	0.2%
756		1	0.2%
1300		1	0.2%
2600		1	0.2%
3997		1	0.2%

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

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

### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 2600  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2600 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	14	3.5%
-7	Establishment was not in business	23	5.7%
1		2	0.5%
2		8	2%
3		11	2.7%
4		10	2.5%
5		49	12.2%
6		45	11.2%
7		22	5.5%
8		19	4.7%
9		5	1.2%
10		21	5.2%
11		3	0.7%
12		5	1.2%
13		7	1.7%
14		1	0.2%
15		19	4.7%
16		2	0.5%

17		5	1.2%
18		4	1%
19		2	0.5%
20		9	2.2%
22		6	1.5%
23		1	0.2%
24		2	0.5%
25		6	1.5%
26		2	0.5%
29		1	0.2%
30		5	1.2%
31		2	0.5%
32		1	0.2%
33		1	0.2%
35		2	0.5%
36		1	0.2%
38		1	0.2%
40		9	2.2%
45		2	0.5%
47		1	0.2%
48		1	0.2%
50		3	0.7%
52		1	0.2%
53		1	0.2%
60		5	1.2%
66		1	0.2%
70		3	0.7%
80		4	1%
81		1	0.2%
85		1	0.2%
90		1	0.2%
91		1	0.2%
98		1	0.2%
100		2	0.5%
103		1	0.2%
105		3	0.7%
120		1	0.2%
130		2	0.5%
134		1	0.2%

150		4	1%
162		1	0.2%
163		1	0.2%
165		1	0.2%
180		1	0.2%
188		1	0.2%
200		7	1.7%
201		1	0.2%
210		1	0.2%
230		1	0.2%
260		1	0.2%
300		4	1%
350		1	0.2%
420		1	0.2%
440		1	0.2%
450		2	0.5%
501		1	0.2%
600		1	0.2%
650		1	0.2%
689		1	0.2%
700		1	0.2%
720		1	0.2%
750		1	0.2%
1200		1	0.2%
2300		1	0.2%
2600		1	0.2%

### L3A: Num. Full-Time Employees At End of Last FY: Production Workers

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

#### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 3647  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 3647 Format: Numeric

#### Questions and instructions

##### CATEGORIES

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

0		1	0.8%
3		4	3.4%
4		7	5.9%
5		22	18.5%
6		7	5.9%
7		5	4.2%
8		5	4.2%
9		2	1.7%
10		5	4.2%
12		3	2.5%
13		3	2.5%
15		4	3.4%
16		1	0.8%
18		1	0.8%
19		1	0.8%
20		2	1.7%
21		1	0.8%
22		2	1.7%
25		1	0.8%
30		7	5.9%
35		2	1.7%
40		1	0.8%
50		2	1.7%
52		1	0.8%
60		3	2.5%
65		1	0.8%
70		1	0.8%
80		2	1.7%
120		2	1.7%
134		1	0.8%
150		2	1.7%
230		1	0.8%
300		2	1.7%
320		1	0.8%
380		1	0.8%
431		1	0.8%
565		1	0.8%
687		1	0.8%
749		1	0.8%

1300		1	0.8%
3647		1	0.8%
Sysmiss		283	

### L3B: Num. Full-Time Employees At End of Last FY: Non-Production Workers

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

#### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 350  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 350 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	14	11.8%
0		19	16%
1		12	10.1%
2		19	16%
3		3	2.5%
4		1	0.8%
5		4	3.4%
6		5	4.2%
7		2	1.7%
8		4	3.4%
9		1	0.8%
10		6	5%
13		2	1.7%
15		2	1.7%
20		2	1.7%
23		1	0.8%
25		1	0.8%
27		1	0.8%
30		3	2.5%
33		1	0.8%
35		1	0.8%
40		2	1.7%
50		3	2.5%
51		1	0.8%

60		1	0.8%
66		1	0.8%
70		1	0.8%
80		1	0.8%
100		1	0.8%
127		1	0.8%
146		1	0.8%
309		1	0.8%
350		1	0.8%
Sysmiss		283	

### MGL1A: Num of permanent, full-time individuals in this establishment had : written cont

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 3997

Type: Discrete Decimal: 0 Width: 4 Range: -9 - 3997 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	285	70.9%
0		29	7.2%
1		1	0.2%
2		2	0.5%
3		2	0.5%
4		4	1%
5		6	1.5%
6		2	0.5%
7		4	1%
8		2	0.5%
9		2	0.5%
10		2	0.5%
13		1	0.2%
15		6	1.5%
18		2	0.5%
19		2	0.5%
20		3	0.7%

22		2	0.5%
24		2	0.5%
25		1	0.2%
30		4	1%
31		1	0.2%
32		1	0.2%
35		1	0.2%
40		4	1%
50		2	0.5%
54		1	0.2%
59		1	0.2%
60		1	0.2%
62		1	0.2%
70		1	0.2%
80		1	0.2%
85		1	0.2%
100		1	0.2%
120		2	0.5%
130		1	0.2%
146		1	0.2%
150		2	0.5%
200		2	0.5%
201		1	0.2%
210		1	0.2%
270		1	0.2%
300		1	0.2%
400		2	0.5%
501		1	0.2%
600		1	0.2%
689		1	0.2%
720		1	0.2%
756		1	0.2%
1300		1	0.2%
3997		1	0.2%

**MGL1B: Num of permanent, full-time individuals in this establishment had : social secu**

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

## Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 3997  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 3997 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	293	72.9%
0		44	10.9%
1		1	0.2%
4		1	0.2%
5		1	0.2%
6		2	0.5%
7		3	0.7%
8		2	0.5%
10		2	0.5%
13		1	0.2%
15		5	1.2%
18		2	0.5%
19		2	0.5%
20		2	0.5%
22		2	0.5%
24		2	0.5%
30		2	0.5%
31		1	0.2%
32		1	0.2%
35		1	0.2%
40		3	0.7%
50		2	0.5%
59		1	0.2%
60		2	0.5%
62		1	0.2%
70		1	0.2%
80		1	0.2%
85		1	0.2%
100		1	0.2%
120		2	0.5%
130		1	0.2%
146		1	0.2%

150		2	0.5%
200		2	0.5%
201		1	0.2%
270		1	0.2%
300		1	0.2%
400		2	0.5%
501		1	0.2%
600		1	0.2%
689		1	0.2%
756		1	0.2%
1300		1	0.2%
3997		1	0.2%

### L4A1: Num. of Permanent, Full-Time Skilled Production Workers, Last FY

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 750  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 750 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	64	15.9%
0		20	5%
1		41	10.2%
2		59	14.7%
3		32	8%
4		25	6.2%
5		31	7.7%
6		17	4.2%
7		11	2.7%
8		12	3%
10		12	3%
11		2	0.5%
12		5	1.2%
13		3	0.7%
15		7	1.7%

18		1	0.2%
20		7	1.7%
22		2	0.5%
25		3	0.7%
26		1	0.2%
27		1	0.2%
28		1	0.2%
30		4	1%
33		1	0.2%
35		1	0.2%
40		4	1%
42		1	0.2%
45		1	0.2%
50		1	0.2%
53		1	0.2%
60		3	0.7%
63		1	0.2%
66		2	0.5%
70		1	0.2%
72		1	0.2%
80		3	0.7%
89		1	0.2%
90		1	0.2%
100		4	1%
125		1	0.2%
150		1	0.2%
180		1	0.2%
200		2	0.5%
210		1	0.2%
273		1	0.2%
420		1	0.2%
459		1	0.2%
600		2	0.5%
650		1	0.2%
740		1	0.2%
750		1	0.2%

**L4A2: Num. of Permanent, Full-Time Semi-skilled Production Workers, Last FY**

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

**Overview**

Valid: 402 Invalid: Minimum: -9 Maximum: 650

Type: Discrete Decimal: 0 Width: 3 Range: -9 - 650 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	94	23.4%
0		67	16.7%
1		20	5%
2		41	10.2%
3		26	6.5%
4		30	7.5%
5		19	4.7%
6		12	3%
7		12	3%
8		6	1.5%
9		1	0.2%
10		8	2%
11		2	0.5%
12		2	0.5%
13		2	0.5%
14		1	0.2%
15		6	1.5%
16		1	0.2%
18		2	0.5%
20		6	1.5%
25		3	0.7%
28		2	0.5%
30		2	0.5%
31		1	0.2%
33		1	0.2%
40		7	1.7%
42		1	0.2%
50		7	1.7%
56		1	0.2%
77		1	0.2%

83		1	0.2%
100		7	1.7%
120		4	1%
200		2	0.5%
210		1	0.2%
297		1	0.2%
485		1	0.2%
650		1	0.2%

## L4B: Num. of Permanent, Full-Time Low-skilled Production Workers, Last FY

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

### Overview

Valid: 402 Invalid: 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)	359	89.3%
0		21	5.2%
1		2	0.5%
2		3	0.7%
4		2	0.5%
5		2	0.5%
7		1	0.2%
8		1	0.2%
10		3	0.7%
11		1	0.2%
15		1	0.2%
20		1	0.2%
26		1	0.2%
30		1	0.2%
37		1	0.2%
57		1	0.2%
80		1	0.2%

**L5A: Num. Full-Time Employees At End of Last FY: Female Production Workers**

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

**Overview**

Valid: 119    Invalid: 283    Minimum: -9    Maximum: 1600  
 Type: Discrete    Decimal: 0    Width: 4    Range: -9 - 1600    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	18	15.1%
0		25	21%
1		17	14.3%
2		3	2.5%
3		7	5.9%
4		3	2.5%
5		7	5.9%
6		4	3.4%
7		3	2.5%
9		1	0.8%
10		4	3.4%
12		2	1.7%
16		1	0.8%
18		2	1.7%
20		5	4.2%
22		2	1.7%
30		2	1.7%
34		1	0.8%
41		1	0.8%
43		1	0.8%
45		1	0.8%
50		1	0.8%
65		1	0.8%
70		1	0.8%
75		1	0.8%
300		1	0.8%
402		1	0.8%
500		1	0.8%
600		1	0.8%
1600		1	0.8%

Sysmiss		283	
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## L5B: Num. Full-Time Employees At End of Last FY: Female Non-Production Workers

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 55  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 55 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	19	16%
0		30	25.2%
1		14	11.8%
2		14	11.8%
3		5	4.2%
4		2	1.7%
5		7	5.9%
6		3	2.5%
7		1	0.8%
8		5	4.2%
9		2	1.7%
10		3	2.5%
15		2	1.7%
18		3	2.5%
20		2	1.7%
22		1	0.8%
24		1	0.8%
32		1	0.8%
35		1	0.8%
50		2	1.7%
55		1	0.8%
Sysmiss		283	

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

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

**Overview**

Valid: 283 Invalid: 119 Minimum: -9 Maximum: 331  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 331 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	21	7.4%
0		58	20.5%
1		37	13.1%
2		28	9.9%
3		30	10.6%
4		19	6.7%
5		16	5.7%
6		13	4.6%
7		7	2.5%
8		6	2.1%
9		1	0.4%
10		3	1.1%
11		1	0.4%
12		2	0.7%
15		3	1.1%
17		3	1.1%
18		2	0.7%
20		5	1.8%
23		1	0.4%
24		1	0.4%
25		4	1.4%
30		1	0.4%
33		1	0.4%
40		3	1.1%
42		1	0.4%
45		2	0.7%
50		4	1.4%
60		2	0.7%
66		1	0.4%
75		1	0.4%
90		1	0.4%
108		1	0.4%

180		1	0.4%
228		1	0.4%
260		1	0.4%
331		1	0.4%
Sysmiss		119	

## L9B: % of Full Time Workers Completed High School End of Last FY

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

### Overview

Valid: 222 Invalid: 180 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)	41	18.5%
0		23	10.4%
1		2	0.9%
2		1	0.5%
3		2	0.9%
5		3	1.4%
6		1	0.5%
10		5	2.3%
20		4	1.8%
21		1	0.5%
25		2	0.9%
30		3	1.4%
40		9	4.1%
49		1	0.5%
50		10	4.5%
55		1	0.5%
58		1	0.5%
60		6	2.7%
65		1	0.5%
67		1	0.5%
68		1	0.5%
70		11	5%

75		5	2.3%
80		8	3.6%
82		1	0.5%
85		3	1.4%
86		2	0.9%
87		1	0.5%
88		1	0.5%
89		1	0.5%
90		8	3.6%
94		1	0.5%
95		1	0.5%
100		60	27%
Sysmiss		180	

## L9B1: Number of Full Time Workers Completed High School

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

### Overview

Valid: 180 Invalid: 222 Minimum: 0 Maximum: 716  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 716 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		3	1.7%
1		9	5%
2		25	13.9%
3		20	11.1%
4		24	13.3%
5		20	11.1%
6		21	11.7%
7		10	5.6%
8		7	3.9%
10		7	3.9%
11		1	0.6%
12		2	1.1%
15		7	3.9%
16		1	0.6%

18		1	0.6%
20		1	0.6%
23		1	0.6%
25		1	0.6%
28		1	0.6%
30		1	0.6%
32		1	0.6%
33		1	0.6%
35		1	0.6%
50		2	1.1%
60		1	0.6%
80		3	1.7%
100		2	1.1%
120		1	0.6%
130		1	0.6%
160		1	0.6%
226		1	0.6%
453		1	0.6%
716		1	0.6%
Sysmiss		222	

### L10: Formal Training Programs For Permanent, Full-Time Employees In Last FY

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

#### Overview

Valid: 402 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	0.7%
1	Yes	61	15.2%
2	No	338	84.1%

### L11A: % Permanent Full-Time Production Employees Received Formal Training In Last FY

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

**Overview**

Valid: 17 Invalid: 385 Minimum: 0 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	2	11.8%
3		1	5.9%
10		1	5.9%
11		1	5.9%
100		12	70.6%
Sysmiss		385	

**L11A1: Training Programs Amount: Production Full-Time Permanent Employees Trained**

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

**Overview**

Valid: 7 Invalid: 395 Minimum: 1 Maximum: 70  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 70 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	0	0%
1		1	14.3%
4		1	14.3%
5		1	14.3%
6		2	28.6%
22		1	14.3%
70		1	14.3%
Sysmiss		395	

**L11B: % Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY**

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

**Overview**

Valid: 17 Invalid: 385 Minimum: 0 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: 0 - 100 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	4	23.5%
1		1	5.9%
2		1	5.9%
11		1	5.9%
60		1	5.9%
100		9	52.9%
Sysmiss		385	

**L11B1: Training Programs Amount:Non-Production Full-Time Permanent Employees Trained**

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

**Overview**

Valid: 7 Invalid: 395 Minimum: 0 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: 0 - 30 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	0	0%
0	No employees trained	4	57.1%
1		1	14.3%
12		1	14.3%
30		1	14.3%
Sysmiss		395	

**L31\_BR: In the last FY, number of workers establishment needed to hire**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 1300  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1300 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		8	2.5%
0		204	63.4%
1		3	0.9%
2		9	2.8%
3		13	4%
4		6	1.9%
5		11	3.4%
6		8	2.5%
7		5	1.6%
8		6	1.9%
9		3	0.9%
10		11	3.4%
11		2	0.6%
12		2	0.6%
13		1	0.3%
15		3	0.9%
16		3	0.9%
18		2	0.6%
20		5	1.6%
25		1	0.3%
30		1	0.3%
33		2	0.6%
36		1	0.3%
40		1	0.3%
50		3	0.9%
60		2	0.6%
100		2	0.6%
150		1	0.3%
300		1	0.3%
400		1	0.3%
1300		1	0.3%
Sysmiss		80	

**L32\_BR: In the last FY, number of workers establishment hired**

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

**Overview**

Valid: 110 Invalid: 292 Minimum: -9 Maximum: 1300  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 1300 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		3	2.7%
0		27	24.5%
1		8	7.3%
2		10	9.1%
3		16	14.5%
4		8	7.3%
5		8	7.3%
6		3	2.7%
7		6	5.5%
8		2	1.8%
10		2	1.8%
12		1	0.9%
15		3	2.7%
17		1	0.9%
20		1	0.9%
25		3	2.7%
28		1	0.9%
30		1	0.9%
40		1	0.9%
50		1	0.9%
75		1	0.9%
100		1	0.9%
300		1	0.9%
1300		1	0.9%
Sysmiss		292	

**L33\_BR: Main reason establishment did not hire more workers in the last FY**

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

**Overview**

Valid: 80 Invalid: 322 Minimum: -9 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 6 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		2	2.5%
1		8	10%
2		3	3.8%
3		10	12.5%
4		3	3.8%
5		36	45%
6		18	22.5%
Sysmiss		322	

**L34\_BR: In the last 3 yrs., establishment has dismissed any permanent, full-time workers**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		1	0.3%
1		91	28.3%
2		230	71.4%
Sysmiss		80	

**L35\_BR: Typical number of weeks to dismiss full-time permanent worker**

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

**Overview**

Valid: 91 Invalid: 311 Minimum: -9 Maximum: 48  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 48 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		13	14.3%
1		44	48.4%
2		8	8.8%
3		5	5.5%
4		10	11%
5		1	1.1%
6		2	2.2%
8		1	1.1%
12		4	4.4%
24		1	1.1%
30		1	1.1%
48		1	1.1%
Sysmiss		311	

### L36\_BR: Typical number of weeks paid in severance

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

#### Overview

Valid: 91 Invalid: 311 Minimum: -9 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 12 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		16	17.6%
0		37	40.7%
1		6	6.6%
2		6	6.6%
3		3	3.3%
4		16	17.6%
5		1	1.1%
6		1	1.1%
8		1	1.1%
12		4	4.4%

Sysmiss		311	
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## L1A\_BR: Num. Permanent, Full-Time Man Employees At End of Last Fiscal Year

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

### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 800  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 800 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		10	3.1%
0		174	54%
1		3	0.9%
2		13	4%
3		17	5.3%
4		12	3.7%
5		13	4%
6		5	1.6%
7		7	2.2%
8		6	1.9%
9		3	0.9%
10		5	1.6%
11		1	0.3%
12		4	1.2%
13		1	0.3%
15		10	3.1%
16		1	0.3%
17		1	0.3%
18		1	0.3%
19		1	0.3%
20		7	2.2%
25		3	0.9%
26		1	0.3%
30		1	0.3%
35		4	1.2%
36		3	0.9%

40		2	0.6%
43		1	0.3%
45		2	0.6%
50		1	0.3%
58		1	0.3%
65		1	0.3%
103		1	0.3%
109		1	0.3%
200		1	0.3%
292		1	0.3%
300		1	0.3%
600		1	0.3%
800		1	0.3%
Sysmiss		80	

## L6: Num. Full-Time Temporary Employees At End of Last FY

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

### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 3700  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 3700 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	8	2%
0	No full-time seasonal or temporary workers	276	68.7%
1		6	1.5%
2		14	3.5%
3		13	3.2%
4		9	2.2%
5		10	2.5%
6		7	1.7%
7		2	0.5%
8		2	0.5%
9		1	0.2%
10		18	4.5%
14		1	0.2%

15		1	0.2%
16		1	0.2%
17		1	0.2%
20		4	1%
25		2	0.5%
30		3	0.7%
35		2	0.5%
40		2	0.5%
50		4	1%
60		1	0.2%
71		1	0.2%
75		1	0.2%
80		2	0.5%
100		1	0.2%
120		1	0.2%
130		1	0.2%
156		1	0.2%
600		1	0.2%
700		1	0.2%
800		1	0.2%
1000		1	0.2%
2072		1	0.2%
3700		1	0.2%

## L6A: Female Temporary, Full-Time Workers Employed Throughout Last FY

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

### Overview

Valid: 118 Invalid: 284 Minimum: -9 Maximum: 2405  
 Type: Discrete Decimal: 0 Width: 4 Range: -9 - 2405 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	4	3.4%
0		40	33.9%
1		13	11%
2		14	11.9%

3		10	8.5%
4		6	5.1%
5		4	3.4%
6		4	3.4%
7		1	0.8%
8		2	1.7%
10		3	2.5%
15		2	1.7%
17		1	0.8%
25		2	1.7%
30		1	0.8%
35		1	0.8%
38		1	0.8%
45		1	0.8%
120		1	0.8%
150		1	0.8%
213		1	0.8%
350		1	0.8%
600		1	0.8%
800		1	0.8%
1500		1	0.8%
2405		1	0.8%
Sysmiss		284	

## MGL2A: Num of Workers with written contracts

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

### Overview

Valid: 118 Invalid: 284 Minimum: -9 Maximum: 800  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 800 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	14	11.9%
0		66	55.9%
1		4	3.4%
2		6	5.1%

3		2	1.7%
4		5	4.2%
5		3	2.5%
6		3	2.5%
10		3	2.5%
20		1	0.8%
25		1	0.8%
33		1	0.8%
40		1	0.8%
50		2	1.7%
71		1	0.8%
75		1	0.8%
130		1	0.8%
600		1	0.8%
700		1	0.8%
800		1	0.8%
Sysmiss		284	

## MGL2B: Num of Workers with social security benefits

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

### Overview

Valid: 118 Invalid: 284 Minimum: -9 Maximum: 800  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 800 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	16	13.6%
0		74	62.7%
1		2	1.7%
2		2	1.7%
3		1	0.8%
4		1	0.8%
5		1	0.8%
6		2	1.7%
10		3	2.5%
20		1	0.8%

25		1	0.8%
33		1	0.8%
40		1	0.8%
50		2	1.7%
71		1	0.8%
75		1	0.8%
80		2	1.7%
100		1	0.8%
130		1	0.8%
150		1	0.8%
600		1	0.8%
700		1	0.8%
800		1	0.8%
Sysmiss		284	

## L8: Avg. Length of Employment of All Full-Time Temporary Employees In Last FY

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

### Overview

Valid: 118 Invalid: 284 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)	7	5.9%
1	One month or less	40	33.9%
2		5	4.2%
3		26	22%
4		7	5.9%
5		3	2.5%
6		21	17.8%
8		2	1.7%
10		2	1.7%
11		1	0.8%
12		4	3.4%
Sysmiss		284	

**L37\_BR: In the last 3 yrs., establishment has been involved in any labor dispute**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		3	0.9%
1		79	24.5%
2		240	74.5%
Sysmiss		80	

**L38\_BR: Typical number of weeks to resolve labor dispute**

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

**Overview**

Valid: 79 Invalid: 323 Minimum: -9 Maximum: 12  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 12 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		9	11.4%
-7		1	1.3%
1		56	70.9%
2		4	5.1%
3		4	5.1%
5		1	1.3%
6		1	1.3%
12		3	3.8%
Sysmiss		323	

**L39\_BR: Cost to resolve labor dispute**

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

**Overview**

Valid: 78 Invalid: 324 Minimum: -9 Maximum: 700000  
 Type: Discrete Decimal: 0 Width: 6 Range: -9 - 700000 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		38	48.7%
0		23	29.5%
1		1	1.3%
3		1	1.3%
100		1	1.3%
200		1	1.3%
300		1	1.3%
400		1	1.3%
500		4	5.1%
750		1	1.3%
4000		1	1.3%
5000		1	1.3%
15000		1	1.3%
500000		2	2.6%
700000		1	1.3%
Sysmiss		324	

**L40\_BR: In last FY, was establishment visited by health and safety inspectors**

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

**Overview**

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		9	2.8%
1		90	28%
2		223	69.3%
Sysmiss		80	

**L41\_BR: Was a report issued for health and safety inspection**

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

**Overview**

Valid: 90 Invalid: 312 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		1	1.1%
-5		4	4.4%
1		49	54.4%
2		36	40%
Sysmiss		312	

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

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

**Overview**

Valid: 402 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	12	3%
0	No obstacle	242	60.2%
1	Minor obstacle	61	15.2%
2	Moderate obstacle	54	13.4%
3	Major obstacle	27	6.7%
4	Very severe obstacle	6	1.5%

**L30B: How Much of An Obstacle: Inadequately Educated Workforce?**

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

## Overview

Valid: 402 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%
-7	Does not apply	35	8.7%
0	No obstacle	186	46.3%
1	Minor obstacle	78	19.4%
2	Moderate obstacle	45	11.2%
3	Major obstacle	26	6.5%
4	Very severe obstacle	31	7.7%

## MGS5A: Rate Skills of Managers: Numeracy

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

### Overview

Valid: 402 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	1%
-7	Doesn't apply (spontaneous)	24	6%
0	Below required	9	2.2%
1	As required	270	67.2%
2	Above required	95	23.6%

## MGS5B: Rate Skills of Managers: Problem Solving/Critical Thinking

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

### Overview

Valid: 402 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	0.7%
-7	Doesn't apply (spontaneous)	23	5.7%
0	Below required	13	3.2%
1	As required	285	70.9%
2	Above required	78	19.4%

## MGS5C: Rate Skills of Managers: Foreign Languages

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

### Overview

Valid: 402 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	2%
-7	Doesn't apply (spontaneous)	34	8.5%
0	Below required	50	12.4%
1	As required	259	64.4%
2	Above required	51	12.7%

## MGS5D: Rate Skills of Managers: Managerial And Leadership

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

### Overview

Valid: 402 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	1%
-7	Doesn't apply (spontaneous)	28	7%

0	Below required	18	4.5%
1	As required	281	69.9%
2	Above required	71	17.7%

## MGS5E: Rate Skills of Managers: Interpersonal And Communication

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

### Overview

Valid: 402 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	0.5%
-7	Doesn't apply (spontaneous)	26	6.5%
0	Below required	17	4.2%
1	As required	279	69.4%
2	Above required	78	19.4%

## MGS5F: Rate Skills of Managers: Job Specific Technical

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

### Overview

Valid: 402 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	0.5%
-7	Doesn't apply (spontaneous)	27	6.7%
0	Below required	18	4.5%
1	As required	282	70.1%
2	Above required	73	18.2%

**MGS6A: Rate Skills of Professionals: Numeracy****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	11	2.7%
-7	Doesn't apply (spontaneous)	54	13.4%
0	Below required	22	5.5%
1	As required	272	67.7%
2	Above required	43	10.7%

**MGS6B: Rate Skills of Professionals: Problem Solving/Critical Thinking****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	11	2.7%
-7	Doesn't apply (spontaneous)	60	14.9%
0	Below required	25	6.2%
1	As required	261	64.9%
2	Above required	45	11.2%

**MGS6C: Rate Skills of Professionals: Foreign Languages****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	20	5%
-7	Doesn't apply (spontaneous)	77	19.2%
0	Below required	67	16.7%
1	As required	204	50.7%
2	Above required	34	8.5%

## MGS6D: Rate Skills of Professionals: Managerial And Leadership

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

### Overview

Valid: 402 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)	11	2.7%
-7	Doesn't apply (spontaneous)	78	19.4%
0	Below required	32	8%
1	As required	250	62.2%
2	Above required	31	7.7%

## MGS6E: Rate Skills of Professionals: Interpersonal And Communication

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

### Overview

Valid: 402 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	1.2%
-7	Doesn't apply (spontaneous)	56	13.9%

0	Below required	20	5%
1	As required	274	68.2%
2	Above required	47	11.7%

## MGS6F: Rate Skills of Professionals: Job Specific Technical

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

### Overview

Valid: 402 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	1.2%
-7	Doesn't apply (spontaneous)	56	13.9%
0	Below required	10	2.5%
1	As required	272	67.7%
2	Above required	59	14.7%

## MGS7A: Rate Skills of Technicians & Support Services: Numeracy

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

### Overview

Valid: 402 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)	13	3.2%
-7	Doesn't apply (spontaneous)	48	11.9%
0	Below required	32	8%
1	As required	278	69.2%
2	Above required	31	7.7%

**MGS7B: Rate Skills of Technicians & Support Services: Problem Solving/Critical Thinking**

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

**Overview**

Valid: 402 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)	16	4%
-7	Doesn't apply (spontaneous)	54	13.4%
0	Below required	35	8.7%
1	As required	270	67.2%
2	Above required	27	6.7%

**MGS7C: Rate Skills of Technicians & Support Services: Foreign Languages**

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

**Overview**

Valid: 402 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)	17	4.2%
-7	Doesn't apply (spontaneous)	77	19.2%
0	Below required	78	19.4%
1	As required	212	52.7%
2	Above required	18	4.5%

**MGS7D: Rate Skills of Technicians & Support Services: Managerial And Leadership**

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

**Overview**

Valid: 402 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)	11	2.7%
-7	Doesn't apply (spontaneous)	83	20.6%
0	Below required	44	10.9%
1	As required	242	60.2%
2	Above required	22	5.5%

## MGS7E: Rate Skills of Technicians & Support Services: Interpersonal & Communication

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

### Overview

Valid: 402 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	2.2%
-7	Doesn't apply (spontaneous)	51	12.7%
0	Below required	23	5.7%
1	As required	288	71.6%
2	Above required	31	7.7%

## MGS7F: Rate Skills of Technicians & Support Services: Job Specific Technical

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

### Overview

Valid: 402 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	0.5%
-7	Doesn't apply (spontaneous)	40	10%

0	Below required	13	3.2%
1	As required	298	74.1%
2	Above required	49	12.2%

## MGS10A: Important Skills In Deciding To Hire Managers

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

### Overview

Valid: 402 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)	5	1.2%
-7	Doesn't apply (spontaneous)	35	8.7%
1	Numeracy/math skills	84	20.9%
2	Problem solving/critical thinking	30	7.5%
3	Foreign languages	3	0.7%
4	Managerial and leadership skills	159	39.6%
5	Interpersonal and communication skills	29	7.2%
6	Job-specific technical skills	57	14.2%
7	Other	0	0%

## MGS10B: Important Skills In Deciding To Hire Professionals

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

### Overview

Valid: 402 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)	6	1.5%
-7	Doesn't apply (spontaneous)	62	15.4%
1	Numeracy/math skills	21	5.2%
2	Problem solving/critical thinking	56	13.9%

3	Foreign languages	12	3%
4	Managerial and leadership skills	20	5%
5	Interpersonal and communication skills	108	26.9%
6	Job-specific technical skills	117	29.1%
7	Other	0	0%

## MGS10C: Important Skills In Deciding To Hire Technicians and Support Services

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

### Overview

Valid: 402 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)	3	0.7%
-7	Doesn't apply (spontaneous)	45	11.2%
1	Numeracy/math skills	15	3.7%
2	Problem solving/critical thinking	27	6.7%
3	Foreign languages	4	1%
4	Managerial and leadership skills	13	3.2%
5	Interpersonal and communication skills	36	9%
6	Job-specific technical skills	259	64.4%
7	Other	0	0%

## MGS11: What Was the Primary Focus of The Formal Training Programs?

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

### Overview

Valid: 61 Invalid: 341 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)	2	3.3%
-7	Doesn't apply (spontaneous)	1	1.6%

1	Numeracy/math skills	2	3.3%
2	Problem solving/critical thinking	4	6.6%
3	Foreign languages	3	4.9%
4	Managerial and leadership skills	3	4.9%
5	Interpersonal and communication skills	6	9.8%
6	Job-specific technical skills	40	65.6%
7	Other	0	0%
Sysmiss		341	

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

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

### Overview

Valid: 402 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	0.5%
-7	Does not apply	14	3.5%
1	Access to finance	105	26.1%
2	Access to land	3	0.7%
3	Business licensing and permits	5	1.2%
4	Corruption	23	5.7%
5	Courts	0	0%
6	Crime, theft and disorder	15	3.7%
7	Customs and trade regulations	20	5%
8	Electricity	84	20.9%
9	Inadequately educated workforce	8	2%
10	Labor regulations	10	2.5%
11	Political instability	44	10.9%
12	Practices of competitors in the informal sector	28	7%
13	Tax administration	9	2.2%
14	Tax rates	11	2.7%
15	Transport	21	5.2%

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

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

**Overview**

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		29	7.2%
2		22	5.5%
3		30	7.5%
4		28	7%
5		24	6%
6		27	6.7%
7		23	5.7%
8		29	7.2%
9		22	5.5%
10		19	4.7%
11		36	9%
12		27	6.7%
13		29	7.2%
14		34	8.5%
15		23	5.7%

**M1A\_LAND\_POS: m1a: Position of Access to land**

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

**Overview**

Valid: 402 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	9.7%
2		24	6%
3		16	4%

4		23	5.7%
5		22	5.5%
6		17	4.2%
7		24	6%
8		18	4.5%
9		19	4.7%
10		28	7%
11		48	11.9%
12		39	9.7%
13		30	7.5%
14		32	8%
15		23	5.7%

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

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		25	6.2%
2		26	6.5%
3		18	4.5%
4		10	2.5%
5		22	5.5%
6		26	6.5%
7		24	6%
8		28	7%
9		34	8.5%
10		20	5%
11		40	10%
12		28	7%
13		35	8.7%
14		37	9.2%
15		29	7.2%

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

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

**Overview**

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		33	8.2%
2		24	6%
3		17	4.2%
4		24	6%
5		22	5.5%
6		26	6.5%
7		23	5.7%
8		24	6%
9		21	5.2%
10		19	4.7%
11		30	7.5%
12		47	11.7%
13		36	9%
14		27	6.7%
15		29	7.2%

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

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

**Overview**

Valid: 402 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	6.5%

2		30	7.5%
3		29	7.2%
4		19	4.7%
5		20	5%
6		16	4%
7		11	2.7%
8		24	6%
9		20	5%
10		33	8.2%
11		47	11.7%
12		43	10.7%
13		36	9%
14		23	5.7%
15		25	6.2%

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

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		23	5.7%
2		26	6.5%
3		24	6%
4		21	5.2%
5		26	6.5%
6		22	5.5%
7		16	4%
8		21	5.2%
9		25	6.2%
10		19	4.7%
11		44	10.9%
12		37	9.2%
13		47	11.7%

14		29	7.2%
15		22	5.5%

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

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		35	8.7%
2		21	5.2%
3		25	6.2%
4		23	5.7%
5		22	5.5%
6		23	5.7%
7		18	4.5%
8		22	5.5%
9		23	5.7%
10		29	7.2%
11		40	10%
12		43	10.7%
13		25	6.2%
14		25	6.2%
15		28	7%

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

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		9	2.2%
2		22	5.5%
3		25	6.2%
4		29	7.2%
5		27	6.7%
6		27	6.7%
7		24	6%
8		24	6%
9		30	7.5%
10		22	5.5%
11		47	11.7%
12		30	7.5%
13		30	7.5%
14		27	6.7%
15		29	7.2%

## M1A\_WORKFORCE\_POS: m1a: Position of Inadequately educated workforce

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		9	2.2%
2		22	5.5%
3		25	6.2%
4		15	3.7%
5		23	5.7%
6		28	7%
7		34	8.5%
8		28	7%
9		15	3.7%
10		33	8.2%
11		36	9%

12		44	10.9%
13		34	8.5%
14		37	9.2%
15		19	4.7%

## M1A\_LABOR\_POS: m1a: Position of Labor regulations

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

### Overview

Valid: 402 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	3.5%
2		22	5.5%
3		26	6.5%
4		26	6.5%
5		22	5.5%
6		28	7%
7		34	8.5%
8		21	5.2%
9		31	7.7%
10		22	5.5%
11		34	8.5%
12		34	8.5%
13		32	8%
14		28	7%
15		28	7%

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

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		22	5.5%
2		24	6%
3		20	5%
4		33	8.2%
5		27	6.7%
6		34	8.5%
7		27	6.7%
8		25	6.2%
9		33	8.2%
10		32	8%
12		30	7.5%
13		33	8.2%
14		28	7%
15		34	8.5%

### M1A\_INFORMAL\_POS: m1a: Position of Practices of competitors in the informal sector

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		32	8%
2		29	7.2%
3		31	7.7%
4		29	7.2%
5		33	8.2%
6		30	7.5%
7		25	6.2%
8		30	7.5%
9		22	5.5%

10		38	9.5%
13		35	8.7%
14		37	9.2%
15		31	7.7%

## M1A\_TAXADMIN\_POS: m1a: Position of Tax administration

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		37	9.2%
2		26	6.5%
3		30	7.5%
4		31	7.7%
5		40	10%
6		32	8%
7		41	10.2%
8		29	7.2%
9		39	9.7%
10		29	7.2%
14		38	9.5%
15		30	7.5%

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

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 15  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 15 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
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1		35	8.7%
2		35	8.7%
3		40	10%
4		41	10.2%
5		32	8%
6		28	7%
7		41	10.2%
8		36	9%
9		31	7.7%
10		31	7.7%
15		52	12.9%

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

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		34	8.5%
2		49	12.2%
3		46	11.4%
4		50	12.4%
5		40	10%
6		38	9.5%
7		37	9.2%
8		43	10.7%
9		37	9.2%
10		28	7%

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

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 120000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 120000000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	67	100%

### N2A2\_BR: Social security payments and employment-based taxes

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

#### Overview

Valid: 207 Invalid: 195 Minimum: -9 Maximum: 450000  
 Type: Continuous Decimal: 0 Width: 6 Range: -9 - 450000 Format: Numeric

### N2B: Total Annual Costs of Electricity In Last Fiscal Year

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 28800000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 28800000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	83	100%

### N2K\_BR: Total Annual Cost of Water

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 22740000  
 Type: Continuous Decimal: 0 Width: 8 Range: -9 - 22740000 Format: Numeric

### N2L\_BR: Total Annual Cost of high-speed, fixed broadband internet

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

#### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 14688000  
 Type: Continuous Decimal: 0 Width: 8 Range: -9 - 14688000 Format: Numeric

**N2E: Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 119    Invalid: 283    Minimum: -9    Maximum: 180000000  
 Type: Discrete    Decimal: 0    Width: 9    Range: -9 - 180000000    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	38	31.9%
450		1	0.8%
480		1	0.8%
1000		1	0.8%
1200		1	0.8%
1500		1	0.8%
1900		1	0.8%
3000		2	1.7%
3600		1	0.8%
4000		1	0.8%
5000		1	0.8%
5300		1	0.8%
5500		1	0.8%
6000		1	0.8%
7200		2	1.7%
8000		2	1.7%
10000		1	0.8%
12000		1	0.8%
15000		2	1.7%
16000		1	0.8%
21600		1	0.8%
22000		1	0.8%
27000		1	0.8%
29200		1	0.8%
30000		1	0.8%
40000		1	0.8%
45000		1	0.8%
50000		2	1.7%
56160		1	0.8%
60000		1	0.8%

67500		1	0.8%
70000		2	1.7%
75000		2	1.7%
80000		2	1.7%
85000		2	1.7%
100000		1	0.8%
110000		2	1.7%
120000		2	1.7%
125000		1	0.8%
142000		1	0.8%
155000		1	0.8%
182255		1	0.8%
200000		4	3.4%
210000		1	0.8%
300000		2	1.7%
370000		1	0.8%
440000		1	0.8%
500000		1	0.8%
600000		2	1.7%
650000		1	0.8%
720000		1	0.8%
900000		2	1.7%
1000000		1	0.8%
1500000		1	0.8%
1920000		1	0.8%
2730000		1	0.8%
3000000		3	2.5%
7284682		1	0.8%
16669000		1	0.8%
20000000		1	0.8%
60400000		1	0.8%
100000000		1	0.8%
180000000		1	0.8%
Sysmiss		283	

## N2I: Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY

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

**Overview**

Valid: 84 Invalid: 318 Minimum: -9 Maximum: 67560200  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 67560200 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	33	39.3%
140		1	1.2%
400		1	1.2%
500		1	1.2%
800		1	1.2%
1000		2	2.4%
1444		1	1.2%
2000		1	1.2%
3000		2	2.4%
4400		1	1.2%
5000		1	1.2%
8000		2	2.4%
10000		5	6%
10320		1	1.2%
14400		1	1.2%
15400		1	1.2%
16000		1	1.2%
20400		1	1.2%
21600		1	1.2%
24000		1	1.2%
27375		1	1.2%
38400		1	1.2%
42300		1	1.2%
48000		1	1.2%
50000		2	2.4%
60000		1	1.2%
100000		1	1.2%
100600		1	1.2%
126000		1	1.2%
150000		2	2.4%
154000		1	1.2%
165000		1	1.2%

168000		1	1.2%
189000		1	1.2%
200000		1	1.2%
210000		1	1.2%
230000		1	1.2%
380000		1	1.2%
600000		1	1.2%
803000		1	1.2%
4000000		1	1.2%
5000000		1	1.2%
67560200		1	1.2%
Sysmiss		318	

## N2A1: Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) 2 fiscal years ago

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 72000000  
 Type: Discrete Decimal: 0 Width: 8 Range: -9 - 72000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	31	26.1%
0		2	1.7%
260		1	0.8%
300		1	0.8%
350		1	0.8%
800		1	0.8%
1000		3	2.5%
1800		1	0.8%
1920		1	0.8%
2000		1	0.8%
3600		1	0.8%
3700		1	0.8%
4000		3	2.5%
4950		1	0.8%
5000		1	0.8%

6000		1	0.8%
7000		1	0.8%
7040		1	0.8%
8000		1	0.8%
9000		2	1.7%
10000		2	1.7%
14400		2	1.7%
20000		2	1.7%
21000		1	0.8%
24500		1	0.8%
25000		2	1.7%
25200		1	0.8%
27000		1	0.8%
29000		1	0.8%
30000		2	1.7%
31000		1	0.8%
35000		1	0.8%
42000		1	0.8%
45350		1	0.8%
50000		1	0.8%
56500		1	0.8%
59000		1	0.8%
63000		1	0.8%
70000		2	1.7%
80400		1	0.8%
86400		1	0.8%
90000		3	2.5%
100000		1	0.8%
101411		1	0.8%
105000		1	0.8%
110000		1	0.8%
120000		1	0.8%
132000		1	0.8%
180000		1	0.8%
192000		3	2.5%
252000		1	0.8%
270000		1	0.8%
350000		1	0.8%
360000		1	0.8%

362000		1	0.8%
364964		1	0.8%
400000		1	0.8%
420500		1	0.8%
575000		1	0.8%
720000		1	0.8%
750000		1	0.8%
850000		1	0.8%
1363521		1	0.8%
1600000		1	0.8%
1872000		1	0.8%
8580000		1	0.8%
12000000		1	0.8%
14995000		1	0.8%
15000000		1	0.8%
25200000		1	0.8%
45000000		1	0.8%
57000000		1	0.8%
72000000		1	0.8%
Sysmiss		283	

## N2E1: Total Cost of Raw Materials And Intermediate Goods Used In Production

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 180000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 180000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	47	39.5%
250		1	0.8%
400		1	0.8%
480		1	0.8%
600		1	0.8%
1200		1	0.8%
1800		1	0.8%

2000		2	1.7%
3000		1	0.8%
3020		1	0.8%
3600		1	0.8%
4000		3	2.5%
4500		1	0.8%
5000		1	0.8%
6000		1	0.8%
7200		1	0.8%
7500		1	0.8%
10000		4	3.4%
12000		1	0.8%
18000		1	0.8%
20000		3	2.5%
29200		1	0.8%
30000		2	1.7%
32000		1	0.8%
36000		1	0.8%
50000		1	0.8%
60000		1	0.8%
70000		1	0.8%
75000		1	0.8%
80000		1	0.8%
85000		1	0.8%
95000		2	1.7%
100000		1	0.8%
110000		2	1.7%
124000		1	0.8%
150000		1	0.8%
190000		1	0.8%
200000		2	1.7%
202800		1	0.8%
216000		1	0.8%
300000		2	1.7%
310000		1	0.8%
470000		1	0.8%
500000		1	0.8%
600000		1	0.8%
700000		1	0.8%

720000		1	0.8%
900000		1	0.8%
1000000		1	0.8%
3000000		1	0.8%
3500000		1	0.8%
5199821		1	0.8%
20000000		2	1.7%
29772000		1	0.8%
56600000		1	0.8%
60000000		1	0.8%
67500000		1	0.8%
80000000		1	0.8%
180000000		1	0.8%
Sysmiss		283	

## N7A: Cost For Establishment To Re-Purchase All of Its Machinery

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 100000000  
 Type: Discrete Decimal: 0 Width: 9 Range: -9 - 100000000 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9	Don't know (spontaneous)	66	55.5%
700		1	0.8%
1200		1	0.8%
2000		3	2.5%
3000		2	1.7%
3200		1	0.8%
4000		1	0.8%
6000		1	0.8%
8000		2	1.7%
10000		6	5%
15000		1	0.8%
20000		3	2.5%
25000		1	0.8%

26000		1	0.8%
30000		4	3.4%
40000		3	2.5%
45000		1	0.8%
75000		1	0.8%
80000		1	0.8%
100000		1	0.8%
150000		1	0.8%
160000		1	0.8%
200000		1	0.8%
260000		1	0.8%
400000		1	0.8%
500000		1	0.8%
600000		2	1.7%
800000		1	0.8%
2000000		1	0.8%
3400000		1	0.8%
4689018		1	0.8%
6500000		1	0.8%
10000000		1	0.8%
15000000		2	1.7%
25000000		1	0.8%
100000000		1	0.8%
Sysmiss		283	

## N11\_BR: Effective income-based tax rate

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

### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 75  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 75 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		119	37%
-8		31	9.6%
0		2	0.6%

1		5	1.6%
2		6	1.9%
3		16	5%
4		3	0.9%
5		45	14%
6		1	0.3%
7		5	1.6%
8		7	2.2%
10		12	3.7%
11		1	0.3%
12		2	0.6%
13		1	0.3%
14		1	0.3%
15		12	3.7%
17		1	0.3%
18		1	0.3%
20		37	11.5%
21		1	0.3%
22		1	0.3%
25		5	1.6%
30		3	0.9%
40		1	0.3%
50		2	0.6%
75		1	0.3%
Sysmiss		80	

## N12\_BR: Effective consumption tax rate

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

### Overview

Valid: 322 Invalid: 80 Minimum: -9 Maximum: 75  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 75 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		159	49.4%
-8		36	11.2%

0		24	7.5%
1		5	1.6%
2		7	2.2%
3		12	3.7%
4		1	0.3%
5		9	2.8%
6		1	0.3%
7		2	0.6%
8		4	1.2%
10		9	2.8%
15		5	1.6%
20		33	10.2%
25		5	1.6%
30		3	0.9%
40		2	0.6%
45		1	0.3%
47		1	0.3%
60		1	0.3%
61		1	0.3%
75		1	0.3%
Sysmiss		80	

## A15D: Day

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 31  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 31 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		9	2.2%
2		12	3%
3		12	3%
4		14	3.5%
5		10	2.5%
6		12	3%

7		11	2.7%
8		23	5.7%
9		14	3.5%
10		17	4.2%
11		14	3.5%
12		22	5.5%
13		9	2.2%
14		11	2.7%
15		6	1.5%
16		11	2.7%
17		4	1%
18		10	2.5%
19		15	3.7%
20		11	2.7%
21		7	1.7%
22		9	2.2%
23		10	2.5%
24		19	4.7%
25		17	4.2%
26		14	3.5%
27		30	7.5%
28		13	3.2%
29		14	3.5%
30		14	3.5%
31		8	2%

## A15M: Month

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

### Overview

Valid: 402 Invalid: Minimum: 5 Maximum: 11  
 Type: Discrete Decimal: 0 Width: 2 Range: 5 - 11 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
5		48	11.9%
6		57	14.2%

7		59	14.7%
8		95	23.6%
9		62	15.4%
10		43	10.7%
11		38	9.5%

## A15Y: Year

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

### Overview

Valid: 402 Invalid: Minimum: 2022 Maximum: 2022  
 Type: Discrete Decimal: 0 Width: 4 Range: 2022 - 2022 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
2022		402	100%

## A15H: Hour

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

### Overview

Valid: 402 Invalid: Minimum: 7 Maximum: 20  
 Type: Discrete Decimal: 0 Width: 2 Range: 7 - 20 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
7		1	0.2%
8		6	1.5%
9		24	6%
10		66	16.4%
11		45	11.2%
12		46	11.4%
13		30	7.5%
14		20	5%
15		63	15.7%
16		48	11.9%

17		24	6%
18		24	6%
19		2	0.5%
20		3	0.7%

### A15MIN: Minutes

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

#### Overview

Valid: 402 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: Madagascar-2022-full-data.dta

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 3  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Truthful	324	80.6%
2	Somewhat truthful	77	19.2%
3	Not truthful	1	0.2%

### A17: Responses To The Questions About Figures Are...

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

#### Overview

Valid: 402 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	106	26.4%
2	Are estimates computed with some precision	207	51.5%

3	Are arbitrary and unreliable numbers	33	8.2%
4	Are in some case taken from books and in some case estimates	56	13.9%

### A18: This Questionnaire Was Completed In:

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

#### Overview

Valid: 402 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	385	95.8%
2	One visit in face-to-face interview with different managers/staff	15	3.7%
3	Several visits	2	0.5%

### A19H: If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours

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

#### Overview

Valid: 17 Invalid: 385 Minimum: 1 Maximum: 2  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		13	76.5%
2		4	23.5%
Sysmiss		385	

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

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

#### Overview

Valid: 17 Invalid: 385 Minimum: 0 Maximum: 59  
Type: Discrete Decimal: 0 Width: 2 Range: 0 - 59 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		3	17.6%
5		1	5.9%
10		3	17.6%
19		1	5.9%
30		5	29.4%
35		2	11.8%
45		1	5.9%
59		1	5.9%
Sysmiss		385	

### A13: Supervisor Number

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 27

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 27 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		6	1.5%
2		18	4.5%
3		18	4.5%
4		5	1.2%
5		18	4.5%
6		18	4.5%
7		19	4.7%
8		3	0.7%
9		23	5.7%
10		8	2%
11		32	8%
12		8	2%
14		23	5.7%
15		14	3.5%

17		17	4.2%
18		21	5.2%
19		24	6%
20		8	2%
21		28	7%
22		24	6%
23		21	5.2%
24		13	3.2%
25		25	6.2%
26		6	1.5%
27		2	0.5%

### A3B: official Capital City?

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	397	98.8%
2	No	5	1.2%

### A3C: Main Business City?

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1	Yes	399	99.3%
2	No	3	0.7%

**A3: Size of Locality****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid: Minimum: 2 Maximum: 5  
 Type: Discrete Decimal: 0 Width: 1 Range: 2 - 5 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2	City with population over 1 million	286	71.1%
3	Over 250.000 to 1 million	89	22.1%
4	50.000 to 250.000	25	6.2%
5	Less than 50.000	2	0.5%

**D1A2: Main Product/Service ISIC (Rev. 3.1) Code****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid: Minimum: 1513 Maximum: 7290  
 Type: Continuous Decimal: 0 Width: 4 Range: 1513 - 7290 Format: Numeric

**STRATA\_BR: Strata for follow-up survey sample. Will differ from strata due to collapsing****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 322 Invalid: 80 Minimum: 1 Maximum: 89  
 Type: Continuous Decimal: 0 Width: 2 Range: 1 - 89 Format: Numeric

**WSTRICT\_BR: Weights for follow-up survey sample questions according to strict eligibility****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 322 Invalid: 80 Minimum: 1 Maximum: 189.947998046875  
 Type: Continuous Decimal: 0 Width: 18 Range: 1 - 189.947998046875 Format: Numeric

**WMEDIAN\_BR: Weights for follow-up survey sample questions according to median eligibility****Data file: Madagascar-2022-full-data.dta**

## Overview

Valid: 322 Invalid: 80 Minimum: 1 Maximum: 204.438369750977  
 Type: Continuous Decimal: 0 Width: 18 Range: 1 - 204.438369750977 Format: Numeric

### WWEAK\_BR: Weights for follow-up survey sample questions according to weak eligibility

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

## Overview

Valid: 322 Invalid: 80 Minimum: 1 Maximum: 236.10758972168  
 Type: Continuous Decimal: 0 Width: 18 Range: 1 - 236.10758972168 Format: Numeric

### B3: What Percentage of This Firm Does The Largest Owner(S) Own?

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

## Overview

Valid: 67 Invalid: 335 Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		9	13.4%
30		1	1.5%
35		2	3%
40		1	1.5%
45		1	1.5%
50		16	23.9%
51		2	3%
52		1	1.5%
60		3	4.5%
70		3	4.5%
75		1	1.5%
77		1	1.5%
90		1	1.5%
99		1	1.5%
100		24	35.8%
Sysmiss		335	

**D4: In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?**

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

**Overview**

Valid: 25 Invalid: 377 Minimum: -9 Maximum: 67  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 67 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		2	8%
-7		1	4%
1		1	4%
3		1	4%
7		1	4%
10		3	12%
15		6	24%
21		1	4%
24		1	4%
30		3	12%
34		1	4%
36		1	4%
40		1	4%
60		1	4%
67		1	4%
Sysmiss		377	

**D5A: In Clearing Exports Through Customs, Informal Gift/Payment Expected or Requested?**

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

**Overview**

Valid: 24 Invalid: 378 Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		3	12.5%
-8		2	8.3%

1		1	4.2%
2		18	75%
Sysmiss		378	

## D10: In Last FY, % of Value of Products Lost In Transit Due To Theft

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

### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		10	2.5%
-7		101	25.1%
0		246	61.2%
1		6	1.5%
2		7	1.7%
3		5	1.2%
5		9	2.2%
6		1	0.2%
10		8	2%
15		1	0.2%
20		1	0.2%
25		1	0.2%
30		3	0.7%
50		3	0.7%

## D11: In Last FY, % of Value of Products Lost In Transit Due To Breakage or Spoilage?

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

### Overview

Valid: 301 Invalid: 101 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		21	7%
-7		17	5.6%
0		215	71.4%
1		10	3.3%
2		4	1.3%
3		4	1.3%
4		1	0.3%
5		5	1.7%
10		10	3.3%
15		3	1%
20		6	2%
30		5	1.7%
Sysmiss		101	

## D14: Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year

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

### Overview

Valid: 87 Invalid: 315 Minimum: -9 Maximum: 130  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 130 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		3	3.4%
-7		9	10.3%
1		4	4.6%
3		2	2.3%
4		2	2.3%
5		1	1.1%
7		4	4.6%
10		2	2.3%
14		1	1.1%
15		28	32.2%
28		1	1.1%
30		12	13.8%
40		2	2.3%

45		1	1.1%
60		5	5.7%
67		1	1.1%
72		1	1.1%
78		1	1.1%
90		5	5.7%
92		1	1.1%
130		1	1.1%
Sysmiss		315	

## F2: Number of Hours Per Week Operated By The Establishment In Last Fiscal Year

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

### Overview

Valid: 119 Invalid: 283 Minimum: -9 Maximum: 168  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 168 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		10	8.4%
9		1	0.8%
20		2	1.7%
21		1	0.8%
30		2	1.7%
35		2	1.7%
36		1	0.8%
40		21	17.6%
42		4	3.4%
44		2	1.7%
45		3	2.5%
46		1	0.8%
48		24	20.2%
50		1	0.8%
52		1	0.8%
54		5	4.2%
55		2	1.7%
56		6	5%

58		1	0.8%
60		12	10.1%
66		2	1.7%
70		6	5%
72		1	0.8%
91		1	0.8%
98		1	0.8%
100		2	1.7%
112		1	0.8%
168		3	2.5%
Sysmiss		283	

### G6A: Percentage of The Building Occupied: Owned By This Establishment

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
-9		23	5.7%
0		85	21.1%
2		1	0.2%
10		3	0.7%
20		2	0.5%
30		1	0.2%
50		15	3.7%
60		2	0.5%
80		2	0.5%
90		1	0.2%
100		267	66.4%

### G1A: Percentage of The Land Occupied: Owned By This Establishment

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

## Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 100  
 Type: Discrete Decimal: 0 Width: 3 Range: -9 - 100 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		27	6.7%
-7		27	6.7%
0		93	23.1%
10		2	0.5%
20		1	0.2%
30		2	0.5%
50		12	3%
60		2	0.5%
80		1	0.2%
90		1	0.2%
100		234	58.2%

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

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		219	54.5%
2		183	45.5%

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

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

### Overview

Valid: 131 Invalid: 271 Minimum: -9 Maximum: 30  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 30 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
-9		27	20.6%
1		23	17.6%
2		23	17.6%
3		19	14.5%
4		2	1.5%
5		11	8.4%
6		2	1.5%
7		2	1.5%
8		2	1.5%
9		1	0.8%
10		13	9.9%
12		1	0.8%
15		1	0.8%
20		3	2.3%
30		1	0.8%
Sysmiss		271	

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

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

### Overview

Valid: 88 Invalid: 314 Minimum: 50 Maximum: 200000  
 Type: Discrete Decimal: 0 Width: 6 Range: 50 - 200000 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
50		1	1.1%
110		1	1.1%
170		1	1.1%
200		2	2.3%
240		3	3.4%
300		1	1.1%
360		1	1.1%

500		1	1.1%
600		2	2.3%
750		1	1.1%
960		1	1.1%
1000		6	6.8%
1200		3	3.4%
1440		4	4.5%
1740		1	1.1%
1800		3	3.4%
2000		4	4.5%
2400		9	10.2%
2640		1	1.1%
2800		1	1.1%
3000		4	4.5%
3600		1	1.1%
4000		1	1.1%
4272		1	1.1%
4800		1	1.1%
6000		1	1.1%
6100		1	1.1%
6500		1	1.1%
8400		1	1.1%
9600		1	1.1%
10000		7	8%
12000		4	4.5%
14000		1	1.1%
19200		2	2.3%
20000		2	2.3%
25000		1	1.1%
28800		1	1.1%
30000		2	2.3%
32000		1	1.1%
35000		1	1.1%
40000		1	1.1%
45000		1	1.1%
50000		1	1.1%
59000		1	1.1%
120000		1	1.1%
200000		1	1.1%

Sysmiss		314	
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### I3: Losses Due To Theft, Robbery, Vandalism or Arson Experienced In Last Fiscal Year

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

#### Overview

Valid: 402 Invalid: Minimum: -9 Maximum: 2  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 2 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		2	0.5%
1		89	22.1%
2		311	77.4%

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

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

#### Overview

Valid: 68 Invalid: 334 Minimum: -9 Maximum: 50  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 50 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-9		12	17.6%
1		8	11.8%
2		3	4.4%
3		6	8.8%
4		1	1.5%
5		6	8.8%
7		1	1.5%
8		4	5.9%
10		10	14.7%
15		2	2.9%
20		4	5.9%
25		1	1.5%

30		4	5.9%
35		1	1.5%
40		1	1.5%
50		4	5.9%
Sysmiss		334	

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

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

### Overview

Valid: 21 Invalid: 381 Minimum: 200 Maximum: 1059800  
 Type: Discrete Decimal: 0 Width: 7 Range: 200 - 1059800 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
200		1	4.8%
300		1	4.8%
500		1	4.8%
600		1	4.8%
1000		1	4.8%
1200		1	4.8%
1800		1	4.8%
2000		3	14.3%
3000		1	4.8%
4000		2	9.5%
9700		1	4.8%
10000		1	4.8%
24450		1	4.8%
25000		1	4.8%
30000		1	4.8%
50000		1	4.8%
200000		1	4.8%
1059800		1	4.8%
Sysmiss		381	

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

Valid: 402 Invalid: Minimum: -9 Maximum: 4  
 Type: Discrete Decimal: 0 Width: 2 Range: -9 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		5	1.2%
-7		20	5%
1		189	47%
2		142	35.3%
3		28	7%
4		18	4.5%

**MGJ1: The concentration of economic assets among a few businesses in the country is de****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 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)	29	7.2%
-7	Does not apply	32	8%
1	Strongly disagree	45	11.2%
2	Tend to disagree	110	27.4%
3	Tend to agree	117	29.1%
4	Strongly agree	69	17.2%

**J6: % of Value Avg. Establishment Pays In Informal Gifts To Govt To Secure Contract?****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 51 Invalid: 351 Minimum: -9 Maximum: 30

Type: Discrete    Decimal: 0    Width: 2    Range: -9 - 30    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-9		10	19.6%
-8		3	5.9%
0		30	58.8%
5		1	2%
10		2	3.9%
20		2	3.9%
30		3	5.9%
Sysmiss		351	

**J30\_TAXRATE\_POS: J30: rotation position 1**

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

**Overview**Valid: 402    Invalid:    Minimum: 1    Maximum: 6  
Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		62	15.4%
2		72	17.9%
3		68	16.9%
4		61	15.2%
5		67	16.7%
6		72	17.9%

**J30\_TAXADMIN\_POS: J30: rotation position 2**

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

**Overview**Valid: 402    Invalid:    Minimum: 1    Maximum: 6  
Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 6    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		40	10%
2		54	13.4%
3		96	23.9%
4		77	19.2%
5		79	19.7%
6		56	13.9%

### J30\_PERMIT\_POS: J30: rotation position 3

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		53	13.2%
2		57	14.2%
3		44	10.9%
4		106	26.4%
5		75	18.7%
6		67	16.7%

### J30\_INSTABILITY\_POS: J30: rotation position 4

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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1		52	12.9%
2		75	18.7%
3		67	16.7%
4		39	9.7%
5		100	24.9%
6		69	17.2%

### J30\_CORRUPTION\_POS: J30: rotation position 5

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		75	18.7%
2		71	17.7%
3		67	16.7%
4		66	16.4%
5		34	8.5%
6		89	22.1%

### J30\_COURTS\_POS: J30: rotation position 6

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

#### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 6  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
1		120	29.9%
2		73	18.2%
3		60	14.9%
4		53	13.2%

5		47	11.7%
6		49	12.2%

## STRATIFICATIONREGIONCODE: stratificationregioncode

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 10  
Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Analamanga	189	47%
2	Anosy	7	1.7%
3	Atsimo Andrefana	28	7%
4	Atsinanana	50	12.4%
5	Boeni	41	10.2%
6	Diana	45	11.2%
7	Sava	7	1.7%
8	Vakinakaratra	32	8%
9	Atsimo Andrefana and Anosy	1	0.2%
10	Diana and Sava	2	0.5%

## STRATIFICATIONSIZECODE: stratificationsizecode

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 6  
Type: Discrete Decimal: 0 Width: 1 Range: 1 - 6 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Small (5-19)	168	41.8%
2	Medium (20-99)	119	29.6%
3	Large (100 or more)	66	16.4%
4	Small and Medium (5-99)	25	6.2%

5	Medium and Large (20+)	23	5.7%
6	Small, Medium, and Large 5+	1	0.2%

## STRATIFICATIONSECTORCODE: stratificationsectorcode

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 10  
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 10 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Food	36	9%
2	Garments	40	10%
3	Other Manufacturing	64	15.9%
4	Retail	54	13.4%
5	Wholesale	77	19.2%
6	Other Services	119	29.6%
7	Garments and Other Manufacturing	6	1.5%
8	Food and Other Manufacturing	3	0.7%
9	Retail and Wholesale	1	0.2%
10	Wholesale and Other Services	2	0.5%
11	Retail, Wholesale, and Other Services	0	0%

## WSTRICT: Weight according to strict eligibility

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 189.947998046875  
 Type: Continuous Decimal: 0 Width: 18 Range: 1 - 189.947998046875 Format: Numeric

## WMEDIAN: Weight according to median eligibility

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 204.438369750977  
 Type: Continuous Decimal: 0 Width: 18 Range: 1 - 204.438369750977 Format: Numeric

**WWEAK: Weight according to weak eligibility****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid: Minimum: 1 Maximum: 184.777069091797  
 Type: Continuous Decimal: 0 Width: 18 Range: 1 - 184.777069091797 Format: Numeric

**A20\_BR: YEAR****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Discrete Width: 10 Range: - Format: character

**TERMINATE\_S9: Terminate: cooperative****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: Invalid: 402 Maximum: \*  
 Type: Discrete Decimal: 0 Width: 1 Range: - \* Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**A12\_F: Interviewer code follow up****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid:  
 Type: Discrete Width: 5 Range: - Format: character

**STRATIFICATIONPANELCODE: panelcode****Data file: Madagascar-2022-full-data.dta****Overview**

Valid: 402 Invalid: Minimum: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 0 - Format: Numeric

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
0	Fresh	402	100%
1	Panel	0	0%

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### STRATA: see notes

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

### Overview

Valid: 402 Invalid: Minimum: 1 Maximum: 91

Type: Continuous Decimal: 0 Width: 2 Range: 1 - 91 Format: Numeric

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# study\_resources

## questionnaires

### Madagascar World Bank Enterprise Survey 2022, Manufacturing Module Questionnaire

---

title Madagascar World Bank Enterprise Survey 2022, Manufacturing Module Questionnaire  
 authors The World Bank Group  
 country Madagascar  
 language English  
 filename Madagascar\_2022\_ES\_Questionnaire\_Manufacturing.pdf

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### Madagascar World Bank Enterprise Survey 2022, Services Module Questionnaire

---

title Madagascar World Bank Enterprise Survey 2022, Services Module Questionnaire  
 authors The World Bank Group  
 country Madagascar  
 language English  
 filename Madagascar\_2022\_ES\_Questionnaire\_Services.pdf

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### Madagascar World Bank Enterprise Survey 2023, Follow-up Questionnaire

---

title Madagascar World Bank Enterprise Survey 2023, Follow-up Questionnaire  
 authors The World Bank Group  
 country Madagascar  
 language English  
 filename Madagascar\_2022\_ES\_BEE\_questionnaire.pdf

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## technical\_documents

### The Madagascar 2022 World Bank Enterprise Survey Implementation Report

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title The Madagascar 2022 World Bank Enterprise Survey Implementation Report  
 authors The World Bank Group  
 country Madagascar  
 language English  
 filename ES\_Implementation\_Report\_Madagascar\_2022.pdf

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### The Madagascar 2022 World Bank Enterprise Survey Implementation Report (Follow-up)

---

title The Madagascar 2022 World Bank Enterprise Survey Implementation Report (Follow-up)  
 authors The World Bank Group  
 country Madagascar  
 language English  
 filename ES\_Implementation\_Report\_Madagascar\_2022\_with\_follow-up\_11-29-2023.pdf

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## Read Me - Madagascar 2022 WBES

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title Read Me - Madagascar 2022 WBES  
country Madagascar  
language English  
filename readme\_user.txt

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