

Mozambique - Enterprise Survey 2018

World Bank Group (WBG)

Report generated on: February 4, 2020

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Overview

Identification

ID NUMBER
MOZ_2018_ES_v01_M

Version

VERSION DESCRIPTION
Version 01. Edited, anonymous dataset for public distribution.

Overview

ABSTRACT

The survey was conducted in Mozambique between June 2018 and January 2019 by the World Bank Group (WBG). The objective of the Enterprise Survey is to gain an understanding of what firms experience in the private sector. As part of its strategic goal of building a climate for investment, job creation, and sustainable growth, the World Bank has promoted improving the business environment as a key strategy for development, which has led to a systematic effort in collecting enterprise data across countries. The Enterprise Surveys (ES) 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.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Unit of analysis is 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 2018 Mozambique Enterprise Survey covered the following topics:

- General information of a firm/ establishment
- Infrastructure and services
- Sales and supplies
- Management practices
- Degree of competition
- Innovation
- Capacity
- Time use of top manager
- Land and permits

- Crime
- Finance
- Business-Government relations
- Labor
- Business environment
- Performance

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

Mozambique ES was based on the following size stratification: small (5 to 19 employees), medium (20 to 99 employees), and large (100 or more employees).

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
World Bank Group (WBG)	

FUNDING

Name	Abbreviation	Role
World Bank Group	WBG	

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Documentation of the DDI

DATE OF METADATA PRODUCTION

2020-01-29

DDI DOCUMENT VERSION

Version 01 (January 2020)

DDI DOCUMENT ID

DDI_MOZ_2018_ES_v01_M

Sampling

Sampling Procedure

The sample for 2018 Mozambique ES was selected using stratified random sampling, following the methodology explained in the Sampling Note.

Three levels of stratification were used in this country: industry, establishment size, and region.

In terms of industry, the universe was stratified into seven sub-sectors: mining and quarrying (ISIC Rev. 3.1 code 10-14); Food and Beverages (ISIC code 15); Metals, Machinery, Computer, Electronic (ISIC code 27, 29-31); Other Manufacturing (ISIC codes 16-26, 28, 32-37); Tourism (ISIC codes 55); Retail (ISIC code 52) and Other Services (ISIC codes 45, 50, 51, 60-64, and 72).

Note that the global methodology excludes extractives sector from the universe of inference. Consequently, for Mozambique, there are two datasets available, one that includes just the usual sectors covered by the global ES methodology, and another including only those firms that work in the extractives sector. Users who would like to analyze the combined dataset should “append” the extractive sector data to the main data file that includes only usual sectors covered by the global ES methodology.

For the Mozambique ES, size stratification was defined as follows: small (5 to 19 employees), medium (20 to 99 employees), and large (100 or more employees).

Regional stratification for the Mozambique Micro-enterprise survey was done across seven provinces: Cabo Delgado, Nampula, Zambézia, Tete, Manica, Sofala and Greater Maputo.

Note: Refer to Sampling Structure section in “The Mozambique 2018 Enterprise Surveys Data Set” document for further details on sampling.

Response Rate

Survey non-response must be differentiated from item non-response. The former refers to refusals to participate in the survey altogether whereas the latter refers to the refusals to answer some specific questions. Enterprise Surveys suffer from both problems and different strategies were used to address these issues.

Item non-response was addressed by two strategies:

- a- For sensitive questions that may generate negative reactions from the respondent, such as corruption or tax evasion, enumerators were instructed to collect the refusal to respond (-8) as a different option from don't know (-9).
- b- Establishments with incomplete information were re-contacted in order to complete this information, whenever necessary. For this survey there were zero non-responses for the sales variable, d2. Please, note that for this specific question, refusals were not separately identified from “Don't know” responses.

The number of interviews per contacted establishments was 56.0%.

Weighting

Since the sampling design was stratified and employed differential sampling, individual observations should be properly weighted when making inferences about the population. Under stratified random sampling, unweighted estimates are biased unless sample sizes are proportional to the size of each stratum. With stratification the probability of selection of each unit is, in general, not the same. Consequently, individual observations must be weighted by the inverse of their probability of selection (probability weights or pw in Stata.)

Special care was given to the correct computation of the weights. It was imperative to accurately adjust the totals within

each region/industry/size stratum to account for the presence of ineligible units (the firm discontinued businesses or was unattainable, education or government establishments, no reply after having called in different days of the week and in different business hours, no tone in the phone line, answering machine, fax line, wrong address or moved away and could not get the new references). The information required for the adjustment was collected in the first stage of the implementation: the screening process. Using this information, each stratum cell of the universe was scaled down by the observed proportion of ineligible units within the cell. Once an accurate estimate of the universe cell (projections) was available, weights were computed using the number of completed interviews.

Questionnaires

Overview

The structure of the data base reflects the fact that 2 different versions of the survey instrument were used for all registered establishments. Questionnaires have common questions (core module) and respectfully additional manufacturing- and services-specific questions. The eligible manufacturing industries have been surveyed using the Manufacturing questionnaire (includes the core module, plus manufacturing specific questions). Retail firms have been interviewed using the Services questionnaire (includes the core module plus retail specific questions) and the residual eligible services have been covered using the Services questionnaire (includes the core module). Each variation of the questionnaire is identified by the index variable, a0.

Data Collection

Data Collection Dates

Start	End	Cycle
2018-06	2019-01	N/A

Data Collection Mode

Computer Assisted Personal Interview [capi]

Data Collection Notes

The survey was implemented following a 2 stage procedure. Typically first a screener questionnaire is applied over the phone to determine eligibility and to make appointments. Then a face-to-face interview takes place with the Manager/Owner/Director of each establishment. However, sometimes the phone numbers were unavailable in the sample frame, and thus the enumerators applied the screeners in person. The variables a4b and a6b contain the industry and size of the establishment from the screener questionnaire.

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Data Processing

No content available

Data Appraisal

No content available

Documentation

Questionnaires

The World Bank Enterprise Survey, Mozambique Manufacturing Module (2018)

Title The World Bank Enterprise Survey, Mozambique Manufacturing Module (2018)
Author(s) The World Bank Group
Country Mozambique
Language English
Filename ES Manufacturing Mozambique 2018.pdf

The World Bank Enterprise Survey, Mozambique Services Module (2018)

Title The World Bank Enterprise Survey, Mozambique Services Module (2018)
Author(s) The World Bank Group
Country Mozambique
Language English
Filename ES Services Mozambique 2018.pdf

Technical documents

The Mozambique 2018 Enterprise Surveys Data Set

Title The Mozambique 2018 Enterprise Surveys Data Set
Author(s) The World Bank Group
Country Mozambique
Language English
Filename Mozambique 2018 ES Implementation Report.pdf
