

# Nicaragua - Enterprise Survey 2016

**World Bank**

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# Sampling

## Sampling Procedure

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

Industry stratification was designed in the way that follows: the universe was stratified into Manufacturing industries (ISIC Rev. 3.1 codes 15- 37), Retail industries (ISIC code 52) and Other Services (ISIC codes 45, 50, 51, 55, 60-64, and 72).

For the Nicaragua ES, size stratification was defined as follows: small (4 to 20 employees), medium (21 to 50 employees), and large (51 or more employees). These categories differ from the global ES size definitions - small (5 to 19 employees), medium (20 to 99 employees), and large (100 or more employees).

Regional stratification was done across four regions: Managua (department), East (departments of Masaya, Granada, and Carazo), West (departments of Chinandega and Leon), and North (departments of Esteli, Jinotega, and Matagalpa). Due to several cells without any realized interviews, the stratification regions East, West, and North were combined in one.

The sample frame consisted of listings of firms from two sources: For panel firms the list of 336 firms from the Nicaragua 2010 ES was used, and for fresh firms (i.e., firms not covered in 2010) the sample frame was comprised of a list randomly drawn from the Economic Census, provided by the Banco Central de Nicaragua. Standardized size categories provided by the Census were used.

The quality of the frame was assessed at the onset of the project through visits to a random subset of firms and local contractor knowledge. The sample frame was not immune from the typical problems found in establishment surveys: positive rates of non-eligibility, repetition, non-existent units, etc. In addition, the sample frame contains no telephone/fax numbers so the local contractor had to screen the contacts by visiting them. Due to response rate and ineligibility issues, additional sample had to be extracted by the World Bank in order to obtain enough eligible contacts and meet the sample targets.

Given the impact that non-eligible units included in the sample universe may have on the results, adjustments may be needed when computing the appropriate weights for individual observations. The percentage of confirmed non-eligible units as a proportion of the total number of sampled establishments contacted for the survey was 22.8% (326 out of 1,430 establishments).

## Response Rate

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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 "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.

Survey non-response was addressed by maximizing efforts to contact establishments that were initially selected for interview. Attempts were made to contact the establishment for interview at different times/days of the week before a replacement establishment (with similar strata characteristics) was suggested for interview. Survey non-response did occur but substitutions were made in order to potentially achieve strata-specific goals.

The number of interviews per contacted establishments was 0.233. This number is the result of two factors: explicit refusals to participate in the survey, as reflected by the rate of rejection (which includes rejections of the screener and the main survey) and the quality of the sample frame, as represented by the presence of ineligible units. The number of rejections per contact was 0.393.

## Weighting

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Three sets of assumptions on establishment eligibility are used to construct sample adjustments using the status code

information.

Strict assumption: eligible establishments are only those for which it was possible to directly determine eligibility. The resulting weights are included in the variable wstrict.

Median assumption: eligible establishments are those for which it was possible to directly determine eligibility and those that rejected the screener questionnaire or an answering machine or fax was the only response. The resulting weights are included in the variable wmedian.

Weak assumption: in addition to the establishments included in points a and b, all establishments for which it was not possible to contact or that refused the screening questionnaire are assumed eligible. This definition includes as eligible establishments with dead or out of service phone lines, establishments that never answered the phone, and establishments with incorrect addresses for which it was impossible to find a new address. Under the weak assumption only observed non-eligible units are excluded from universe projections. The resulting weights are included in the variable wweak.

# Questionnaires

## Overview

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The structure of the data base reflects the fact that two 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.

The last complete fiscal year is January to December 2015. For questions pertaining to monetary amounts, the unit is the Nicaraguan Cordoba (NIO).

## Data Collection

### Data Collection Dates

Start	End	Cycle
2016-10	2017-06	N/A

### Data Collection Mode

Face-to-face [f2f]

#### DATA COLLECTION NOTES

Private contractors conduct the Enterprise Surveys on behalf of the World Bank. Due to sensitive survey questions addressing business-government relations and corruption-related topics, private contractors are preferred over any government agency or an organization/institution associated with government, and are hired by the World Bank to collect the data.

The surveys are usually implemented following a two-stage procedure. In the first stage, a screener questionnaire is applied over the phone to determine eligibility and to make appointments; in the second stage, a face-to-face interview takes place with the Manager/Owner/Director of each establishment. Sometimes the survey respondent calls company accountants and human resource managers into the interview to answer questions in the sales and labor sections of the survey.

All Enterprise Surveys are conducted in the local languages.

Borge y Asociados and then FUSADES were the main contractors that implemented Nicaragua 2016 ES.

### Data Collectors

Name	Abbreviation	Affiliation
Borge y Asociados		
FUSADES		

# Data Processing

## Data Editing

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Data entry and quality controls are implemented by the contractor and data is delivered to the World Bank in batches (typically 10%, 50% and 100%). These data deliveries are checked for logical consistency, out of range values, skip patterns, and duplicate entries. Problems are flagged by the World Bank and corrected by the implementing contractor through data checks, callbacks, and revisiting establishments.

## Data Appraisal

No content available



## File Description

## Variable List

## nicaragua\_2016\_full\_data

Content

Cases 333

Variable(s) 328

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V328	idstd	WEB STD FIRMID	contin	numeric	
V329	id	Firm Id	contin	numeric	
V330	a0	Questionnaire	discrete	numeric	
V331	a1	Country Code	discrete	numeric	
V332	a4a	Industry Sampling Sector	discrete	numeric	
V333	a6a	Sampling Size	discrete	numeric	
V334	a2	Sampling Region	discrete	numeric	
V335	a5	Sector Match Between Screener Information And Sample Frame	discrete	numeric	
V336	a3b	Official Capital City?	discrete	numeric	
V337	a3c	Main Business City?	discrete	numeric	
V338	a3	Size Of Locality	discrete	numeric	
V339	a13	Supervisor Number	discrete	numeric	
V340	a4b	Industry Screener Sector	contin	numeric	
V341	a3a	Region Of The Establishment	discrete	numeric	
V342	a6b	Screener Size	discrete	numeric	
V343	a14d	Day	contin	numeric	
V344	a14m	Month	discrete	numeric	
V345	a14y	Year	discrete	numeric	
V346	a14h	Hour	discrete	numeric	
V347	a14min	Minutes	contin	numeric	
V348	a12	Interviewer Number	discrete	numeric	
V349	a1a	Language Of The Interview	discrete	numeric	
V350	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V351	a7a	Number Of Establishments In The Firm	discrete	numeric	
V352	a7b	Is This Establishment The Headquarters Location?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V353	a7c	Does This Headquarters Location Engage In Production Or Sales At This Location?	discrete	numeric	
V354	a11	If Hq, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	
V355	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	discrete	numeric	
V356	b1	Legal Status Of The Firm	discrete	numeric	What is this firm's current legal status?
V357	b1x	Other (Specify)	discrete	character	What is this firm's current legal status? Other
V358	b3	What Percentage Of This Firm Does The Largest Owner(S) Own?	discrete	numeric	What percentage of this firm does the largest owner or owners own?
V359	b2a	% Owned By Private Domestic Individuals, Companies Or Organizations	discrete	numeric	What percentage of this firm is owned by each of the following: Private domestic individuals, companies or organizations
V360	b2b	% Owned By Private Foreign Individuals, Companies Or Organizations	discrete	numeric	What percentage of this firm is owned by each of the following: Private foreign individuals, companies or organizations
V361	b2c	% Owned By Government/State	discrete	numeric	What percentage of this firm is owned by each of the following: Government/State
V362	b2d	% Owned By Other	discrete	numeric	What percentage of this firm is owned by each of the following: Other
V363	b4	Amongst The Owners Of The Firm, Are There Any Females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V364	b4a	% Of The Firm Owned By Females	discrete	numeric	What percentage of the firm is owned by females?
V365	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V366	b6	Number Of Full-Time Employees Of The Establishment When It Started Operations	discrete	numeric	How many full-time employees did this establishment employ when it started operations? Please include all employees and managers (INTERVIEWER: include respondent when applicable)
V367	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V368	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V369	b7	How Many Years Of Experience Working In This Sector Does The Top Manager Have?	discrete	numeric	How many years of experience working in this sector does the Top Manager have?
V370	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V371	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V372	b8x	Specify The Internationally-Recognized Quality Certifications	discrete	character	Please specify the internationally-recognized quality certifications
V373	c3	Application To Obtain An Electrical Connection Submitted Over The Last 2 Years	discrete	numeric	Over the last two years, did this establishment submit an application to obtain an electrical connection?

ID	Name	Label	Type	Format	Question
V374	c4	How Many Days Did It Take For You To Receive An Electrical Connection Service?	discrete	numeric	In reference to that application for an electrical connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?
V375	c5	Informal Gift/Payment Expected Or Requested For An Electrical Connection?	discrete	numeric	In reference to that application for an electrical connection, was an informal gift or payment expected or requested?
V376	c6	Over Last Fy, Did This Establishment Experience Power Outages?	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment experience power outages?
V377	c7	Number Of Power Outages Experienced In A Typical Month In Last Fiscal Year	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], how many power outages did this establishment experience?
V378	c8a	Average Duration Of Power Outages {Hours; Minutes}	discrete	numeric	How long did these power outages last on average? Hours
V379	c8b	How Long Did These Power Outages Last On Average?	discrete	numeric	How long did these power outages last on average? Minutes
V380	c9a	In Last Fy, Losses As % Of Annual Sales Due To Power Outages	discrete	numeric	Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses.
V381	c9b	In Last Fy, Value Of Losses Due To Power Outages	discrete	numeric	Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses.
V382	c10	Generator Shared Or Owned Over The Course Of Last Fiscal Year?	discrete	numeric	Over the course of fiscal year [insert last complete fiscal year], did this establishment own or share a generator?
V383	c11	% Electricity From Generator Owned/Shared By The Establishment In Last Fiscal Yr	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's electricity came from a generator or generators that the establishment owned or shared?
V384	LACc11a	Cost Per Kilowatt Hour (Kwh) Of Electricity From Private Or Shared Generator	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], what was the cost per kilowatt hour (KWh) of electricity obtained from a private or shared generator?
V385	LACc10b	Establishment Used Electricity From Solar Panels	discrete	numeric	Over the course of fiscal year [insert last complete fiscal year], did this establishment use electricity from solar panels?
V386	LACc11b	Cost Per Kilowatt Hour (Kwh) Of Electricity From Solar Panels	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], what was the cost per kilowatt hour (KWh) of electricity obtained from solar panels?
V387	LACc11c	Cost Per Kilowatt Hour (Kwh) Of Electricity From Public Grid	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], what was the cost per kilowatt hour (KWh) of electricity obtained from the public grid?
V388	c12	Application To Obtain A Water Connection Submitted Over The Last 2 Years	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a water connection?
V389	c13	How Many Days Did It Take For You To Obtain A Water Connection?	discrete	numeric	In reference to that application for a water connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

ID	Name	Label	Type	Format	Question
V390	c14	When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?	discrete	numeric	In reference to that application for a water connection, was an informal gift or payment expected or requested?
V391	c15	Did You Experience Insufficient Water Supply For Production In Last Fiscal Yr?	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment experience insufficient water supply for production?
V392	c16	Frequency Of Incidents Of Water Shortages In A Typical Month In Last Fiscal Yr	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], how many incidents of insufficient water supply did this establishment experience?
V393	c17	Average Length Of Water Shortages (Affecting Production) In Last Fiscal Year	discrete	numeric	How long did these incidents of insufficient water supply last on average?
V394	c18	Percentage Water For Production From Public Sources	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from public sources?
V395	LACc18a	Percentage Water For Production From Own Or Shared Well	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following? Your own well or shared well
V396	LACc18b	Percentage Water For Production From Private Vendors	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following? Purchased from private vendors
V397	LACc18c	Percentage Water For Production From Other	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following? Other
V398	LACc19	Did This Establishment Experience Telecommunications Interruptions?	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment experience telecommunications interruptions?
V399	LACc20	How Many Telecom Interruptions Experienced In A Typical Month?	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], how many telecommunications interruptions did this establishment experience?
V400	LACc21a	How Long Did Telecom Interruptions Last, Hours?	discrete	numeric	How long did these telecommunications interruptions last on average? Hours
V401	LACc21b	How Long Did Telecom Interruptions Last, Minutes?	discrete	numeric	How long did these telecommunications interruptions last on average? Minutes
V402	c22a	Do You Currently Communicate With Clients And Suppliers By E-Mail?	discrete	numeric	At the present time, does this establishment use e-mail to communicate with clients or suppliers?
V403	c22b	Establishment Has Its Own Website	discrete	numeric	At the present time, does this establishment use its own website?
V404	c30a	How Much Of An Obstacle: Electricity To Operations Of This Establishment?	discrete	numeric	Is electricity No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

ID	Name	Label	Type	Format	Question
V405	c30b	How Much Of An Obstacle: Telecommunications To Operations Of This Establishment?	discrete	numeric	Is Telecommunications No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V406	d1a1a	Establishment'S Main Product/Service Last Fiscal Yr	discrete	numeric	In fiscal year [insert last complete fiscal year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales?
V407	d1a1x	Main Product/Service (By The Largest % Of Annual Sales) In Last Fiscal Year	discrete	character	In fiscal year [insert last complete fiscal year], what was this establishment's main product, that is, the product that represented the largest proportion of annual sales?
V408	d1a2	Main Product/Service ISIC (rev. 3.1) Code	contin	numeric	
V409	d1a3	Main Product/Service: percent of total annual sales	discrete	numeric	
V410	d2	In Last Fiscal Year, What Were This Establishment€™S Total Annual Sales?	discrete	numeric	In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for ALL products and services?
V411	d2x	Please Also Write Out The Number	discrete	character	In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for ALL products and services?
V412	n3	What Were The Establishment Sales 3 Years Ago	discrete	numeric	Looking back at the end of fiscal year 2013, what were total annual sales for this establishment?
V413	d3a	% Of Sales: National Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's sales were: National sales
V414	d3b	% O Sales: Indirect Exports	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's sales were: Indirect exports (sold domestically to third party that exports products)
V415	d3c	% Of Sales: Direct Exports	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's sales were: Direct exports
V416	d4	In Last Fy, Avg. Num. Of Days For Exported Goods To Clear Customs?	discrete	numeric	In fiscal year [insert last complete fiscal year], when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?
V417	LACd4	Longest Number Of Days For Exported Goods Or Services To Clear Customs	discrete	numeric	In fiscal year [insert last complete fiscal year], when this establishment exported goods directly, what was the longest number of days it took from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?

ID	Name	Label	Type	Format	Question
V418	d5a	In clearing exports through customs,informal gift/payment expected or requested?	discrete	numeric	In reference to when this establishment exported goods directly, in clearing these goods through customs was an informal gift or payment expected or requested?
V419	d6	In Last Fy, Export Losses Due To Theft As % Of Value Of Products	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of theft?
V420	d7	In Last Fy, Export Losses Due To Breakage Or Spoilage As % Of Value Of Products	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of breakage or spoilage?
V421	LACd7	Over Fiscal Year 2015, Use Export Facilitation Services Or Programs?	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment use export facilitation services or programs?
V422	LACd8	Over next year, does this establishment expect volume of direct exports to:	discrete	numeric	Over the next year, does this establishment expect the volume of its direct exports to:
V423	LACd9	By What Percentage Does Establishment Expect Volume Of Direct Exports To Change?	discrete	numeric	By what percentage does this establishment expect the volume of its direct exports to change?
V424	d8	In What Year Did This Establishment First Export Directly Or Indirectly?	discrete	numeric	In which year did this establishment first export directly or indirectly?
V425	LACd10a	Obstacle: Insufficient Access To Finance	discrete	numeric	To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services. Insufficient access to finance
V426	LACd10b	Obstacle: Insufficient Export Guarantees	discrete	numeric	To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services. Insufficient export guarantees
V427	LACd10c	Obstacle: Limited Production Capacity To Meet International Demand	discrete	numeric	To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services. Limited production capacity to meet international demand
V428	LACd10d	Obstacle: Lack Of Staff With Training In Foreign Trade	discrete	numeric	To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services. Lack of staff with training in foreign trade



ID	Name	Label	Type	Format	Question
V429	LACd10e	Obstacle: High Transport Costs	discrete	numeric	To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services. High transport costs
V430	LACd10f	Obstacle: Lack Of Appropriate Of Production Inputs	discrete	numeric	To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services. Lack of appropriate of production inputs
V431	LACd10g	Obstacle: High Price Of Production Inputs	discrete	numeric	To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services. High price of production inputs
V432	LACd11	Did Cafta Provisions Affect Establishment's Capacity To Export?	discrete	numeric	In fiscal year [insert last complete fiscal year], did the provisions under CAFTA directly affect this establishment's capacity to export its products or services?
V433	LACd12	How Cafta Provisions Affected Capacity To Export	discrete	numeric	Please indicate how provisions under CAFTA affected this establishment's capacity to export its goods or services
V434	d10	In Last Fy, % Of Value Of Products Lost In Transit Due To Theft	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?
V435	d11	In Last Fy, % Of Value Of Products Lost In Transit Due To Breakage Or Spoilage?	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?
V436	d12a	% Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], as a proportion of all material inputs or supplies purchased that year, what percentage of this establishment's material inputs or supplies were: Material inputs or supplies of domestic origin
V437	d12b	% Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], as a proportion of all material inputs or supplies purchased that year, what percentage of this establishment's material inputs or supplies were: Material inputs or supplies of foreign origin
V438	d13	Were Any Of These Material Inputs And Supplies Imported Directly?	discrete	numeric	Were any of the material inputs or supplies purchased in fiscal year [insert last complete fiscal year], imported directly?

ID	Name	Label	Type	Format	Question
V439	d14	Avg. Num. Of Days For Imported Goods To Clear Customs In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], when this establishment imported material inputs or supplies, how many days did it take on average from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?
V440	LACd15	Longest Number Of Days For Imported Inputs Or Supplies To Clear Customs	discrete	numeric	In fiscal year [insert last complete fiscal year], when this establishment imported material inputs or supplies, what is the longest number of days that it took from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?
V441	d15a	In clearing imports through customs,informal gift/payment expected or requested?	discrete	numeric	In reference to when this establishment imported material inputs or supplies, in claiming these goods from customs was an informal gift or payment expected or requested?
V442	d30a	How Much Of An Obstacle: Transport?	discrete	numeric	Is transport No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V443	d30b	How Much Of An Obstacle: Customs And Trade Regulations?	discrete	numeric	Are customs and trade regulations No Obstacle, a Minor Obstacle, a Moderate obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V444	e1	In Last Fy, Main Market For Establishment'S Main Product	discrete	numeric	In fiscal year [insert last complete fiscal year], which of the following was the main market in which this establishment sold its main product?
V445	e2b	Competitors For The Main Product/Service In The Main Market	discrete	numeric	In fiscal year [insert last complete fiscal year], for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face?
V446	e6	Do You Use Technology Licensed From A Foreign-Owned Company?	discrete	numeric	Does this establishment at present use technology licensed from a foreign-owned company, excluding office software?
V447	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V448	e30	How Much Of An Obstacle: Practices Of Competitors In Informal Sector?	discrete	numeric	Are practices of competitors in the informal sector No Obstacle, a Minor Obstacle, a Moderate Obstacle, Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V449	h1	New Products/Services Introduced Over Last 3 Yrs	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved products or services?
V450	h2	New Products/Services Also New For Thr Establishment'S Main Market	discrete	numeric	Were any of the new or significantly improved products or services also new for the establishment's main market?

ID	Name	Label	Type	Format	Question
V451	h3x	Describe in detail the main new or significantly improved product or service	discrete	character	Please describe in detail the main new or significantly improved product or service that this establishment introduced during the last three years. The main new or significantly improved product or service is the one that represented the largest proportion of this establishment's sales in value (not volume) during the last three years.
V452	h4x	Describe how the main new/significantly improved product or service is different	discrete	character	Please describe in detail how the main new or significantly improved product or service is different than the most similar product or service, if any, previously produced by this establishment. IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"
V453	h5	During last 3 yrs, establishment introduced new/significantly improved process	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved process, that is: methods of manufacturing products or offering services; logistics, delivery, or distribution methods for inputs, products, or services; or supporting activities for processes?
V454	h6x	Describe main new/significantly improved process this establishment introduced	discrete	character	Please describe in detail the main new or significantly improved process that this establishment introduced during the last three years. The main innovative process is the innovative process that had the largest impact on the operations of the establishment during the last three years.
V455	h7x	How the main new/significantly improved process is different	discrete	character	Please describe in detail how the main new or significantly improved process is different than the most similar process that is or was used by this establishment IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"
V456	h8	During Last Fiscal Year, establishment spent on R&D (excl market research)?	discrete	numeric	During last fiscal year, did this establishment spend on formal research and development activities, either in-house or contracted with other companies, excluding market research surveys?
V457	h9	How much spent on R&D, either in-House or external?	discrete	numeric	During last fiscal year, how much did this establishment spend on formal research and development activities, either in-house or contracted with other companies?
V458	f1	In Last Fy, What Was The Capacity Utilization (%) Of This Establishment?	discrete	numeric	In percentage terms, in fiscal year [insert last complete fiscal year], what was this establishment's output produced as a proportion of the maximum output possible if using all the resources available, that is to say capacity utilization?
V459	LACf1	Relative To Prior Fy, Did Productive Capacity Increase/Decrease/Stay The Same?	discrete	numeric	Relative to the prior fiscal year, that is [ ], please indicate if this establishment's productive capacity increased, decreased, or stayed the same?
V460	f2	Number Of Hours Per Week Operated By The Establishment In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], how many hours per week did this establishment normally operate?

ID	Name	Label	Type	Format	Question
V461	g6a	Percentage Of The Building Occupied: Owned By This Establishment	discrete	numeric	Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased? Owned by this establishment
V462	g6b	Percentage Of The Building Occupied: Leased Or Rented By This Establishment	discrete	numeric	Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased? Rented or leased by this establishment
V463	g6c	Percentage Of The Building Occupied: Other	discrete	numeric	Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased? Other
V464	g1a	Percentage Of The Land Occupied: Owned By This Establishment	discrete	numeric	Of the land occupied by this establishment, what percent is: Owned by this establishment
V465	g1b	Percentage Of The Land Occupied: Rented Or Leased By This Establishment	discrete	numeric	Of the land occupied by this establishment, what percent is: Leased by this establishment
V466	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other
V467	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a construction-related permit?
V468	g3	How Many Days Did It Take For You To Obtain A Construction-Related Permit?	discrete	numeric	In reference to that application for a construction-related permit, approximately how many days did it take to obtain it from the day of the application to the day the permit was granted?
V469	g4	Informal Gift/Payment Expected Or Requested For A Construction-Related Permit	discrete	numeric	In reference to that application for a construction-related permit, was an informal gift or payment expected or requested?
V470	g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V471	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment? SPECIFY UNITS
V472	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment? SPECIFY UNITS Other
V473	g30a	How Much Of An Obstacle: Access To Land?	discrete	numeric	Is access to land No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V474	i1	In Last Fy, Did This Establishment Pay For Security?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment pay for security, for example equipment, personnel, or professional security services?
V475	i2a	Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Percentage of total annual sales for security

ID	Name	Label	Type	Format	Question
V476	i2b	In Last Fiscal Year, What Is The Total Annual Cost Of Security?	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Total annual cost of security
V477	LACi3	Losses Due To Theft Or Robbery On Establishment's Premises?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of theft or robbery (excluding in transit) on this establishment's premises?
V478	LACi4a	Est. Losses Due To Theft Or Robbery On Premises, Percentage Total Annual Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery (excluding in transit) that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales
V479	LACi4b	Est. Losses Due To Theft Or Robbery On Premises, Total Value	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery (excluding in transit) that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Total annual value of losses
V480	LACi5	Percentage Of Incidents Of Theft Or Robbery On Premises Reported To Authorities?	discrete	numeric	What percentage of these incidents of theft or robbery (excluding in transit) were reported to the authorities?
V481	LACi6	Percentage Of Incidents Of Theft Or Robbery On Premises Resolved By Authorities?	discrete	numeric	What percentage of these incidents of theft or robbery (excluding in transit) were resolved by the authorities?
V482	LACi7	Losses Due To Theft Or Robbery In Transit?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of theft or robbery in transit?
V483	LACi8a	Est. Losses Due To Theft Or Robbery In Transit, Percentage Total Annual Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery in transit either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales
V484	LACi8b	Est. Losses Due To Theft Or Robbery In Transit, Total Value	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery in transit either as a percentage of total annual sales or as total annual losses? Total annual value of losses
V485	LACi9	Percentage Of Incidents Of Theft Or Robbery In Transit Reported To Authorities?	discrete	numeric	What percentage of these incidents of theft or robbery in transit were reported to the authorities?
V486	LACi10	Percentage Of Incidents Of Theft Or Robbery In Transit Resolved By Authorities?	discrete	numeric	What percentage of these incidents of theft or robbery in transit were resolved by the authorities?
V487	LACi11	Losses Due To Arson Or Vandalism?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of vandalism or arson?

ID	Name	Label	Type	Format	Question
V488	LACi12a	Est. Losses Due To Arson Or Vandalism, Percentage Total Annual Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of vandalism or arson either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales
V489	LACi12b	Est. Losses Due To Arson Or Vandalism, Total Value	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of vandalism or arson either as a percentage of total annual sales or as total annual losses? Total annual value of losses
V490	LACi13	Percentage Of Incidents Of Arson Or Vandalism Reported To Authorities?	discrete	numeric	What percentage of these incidents of vandalism or arson were reported to the authorities?
V491	LACi14	Percentage Of Incidents Of Arson Or Vandalism Resolved By Authorities?	discrete	numeric	What percentage of these incidents of vandalism or arson were resolved by the authorities?
V492	LACi15	Losses Due To Internet Fraud Or Hacking?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of internet fraud or hacking?
V493	LACi16a	Est. Losses Due To Internet Fraud Or Hacking, Percentage Total Annual Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of internet fraud or hacking either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales
V494	LACi16b	Est. Losses Due To Internet Fraud Or Hacking, Total Value	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of internet fraud or hacking either as a percentage of total annual sales or as total annual losses? Total annual value of losses
V495	LACi17	Percentage Of Incidents Of Internet Fraud Or Hacking Reported To Authorities?	discrete	numeric	What percentage of these incidents of internet fraud or hacking were reported to the authorities?
V496	LACi18	Percentage Of Incidents Of Internet Fraud Or Hacking Resolved By Authorities?	discrete	numeric	What percentage of these incidents of internet fraud or hacking were resolved by the authorities?
V497	LACi19	Losses Due To Extortion Or Payments To Gangs?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of extortion or payments to gangs?
V498	LACi20a	Losses Due To Extortion Or Payments To Gangs, Percentage Total Annual Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of extortion or payments to gangs either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales
V499	LACi20b	Est. Losses Due To Extortion Or Payments To Gangs, Total Value	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of extortion or payments to gangs either as a percentage of total annual sales or as total annual losses? Total annual value of losses
V500	LACi21	Share Of Incidents Of Extortion Or Payments To Gangs Reported To Authorities?	discrete	numeric	What percentage of these incidents of extortion or payments to gangs were reported to the authorities?

ID	Name	Label	Type	Format	Question
V501	LACi22	Share Of Incidents Of Extortion Or Payments To Gangs Resolved By Authorities?	discrete	numeric	What percentage of these incidents of extortion or payments to gangs were resolved by the authorities?
V502	LACi23	Losses Due To Absenteeism Due To Crime?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of worker absenteeism due to violence?
V503	LACi24a	Est. Losses Due To Absenteeism Due To Crime, Percentage Total Annual Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of worker absenteeism due to violence either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales
V504	LACi24b	Est. Losses Due To Absenteeism Due To Crime, Total Value	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of worker absenteeism due to violence either as a percentage of total annual sales or as total annual losses? Total annual value of losses
V505	LACi25	Percentage Of Incidents Of Absenteeism Due To Crime Reported To Authorities?	discrete	numeric	What percentage of these incidents of worker absenteeism due to violence were reported to the authorities?
V506	LACi26	Percentage Of Incidents Of Absenteeism Due To Crime Resolved By Authorities?	discrete	numeric	What percentage of these incidents of worker absenteeism due to violence were resolved by the authorities?
V507	i30	How Much Of An Obstacle: Crime, Theft And Disorder?	discrete	numeric	Are crime, theft and disorder No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V508	k1c	In Last Fy, % Of Material Inputs Or Services Paid For After Delivery	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for after delivery?
V509	k2c	In Last Fy, % Of Total Annual Sales Paid For After Delivery	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's total annual sales of its goods or services were: Paid for after delivery?
V510	k3a	% Of Working Capital Financed From Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Internal funds/Retained earnings
V511	k3bc	% Of Working Capital Borrowed From Banks	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Borrowed from banks (private and state-owned)
V512	k3e	% Of Working Capital Borrowed From Non-Bank Financial Institutions	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Borrowed from non-bank financial institutions



ID	Name	Label	Type	Format	Question
V513	k3f	% Of Working Capital Purchased On Credit/Advances From Suppliers /Customers	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Purchases on credit from suppliers and advances from customers
V514	k3hd	% Of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Other (moneylenders, friends, relatives, etc.)
V515	k4	Did This Establishment Purchase Any Fixed Assets In Last Fiscal Yr?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment purchase any fixed assets, such as machinery, vehicles, equipment, land or buildings?
V516	n5a	Total Annual Expenditure For Purchases Of Equipment In Last Fiscal Yr	discrete	numeric	In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of: Machinery, vehicles, and equipment (new or used)
V517	LACn5	Any Of These Purchases Spent On Upgrading Existing Or Acquiring New Technology?	discrete	numeric	Were any of these purchases spent on upgrading existing machinery, vehicles, and equipment or acquiring new technology?
V518	n5b	Total Annual Expenditure For Purchases Of Land And Buildings In Last Fiscal Yr	discrete	numeric	In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of: Land and buildings
V519	k5a	Last Fy, % Fixed Assets Funded By: Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Internal funds or retained earnings
V520	k5i	Last Fy, % Fixed Assets Funded By: Owners' Contributions Or Issued New Equity	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Owners' contribution or issued new equity shares
V521	k5bc	Last Fy, % Fixed Assets Funded By: Bank Borrowing	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from banks (private and state-owned)
V522	k5e	Last Fy, % Fixed Assets Funded By: Non-Bank Financial Institutions	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from non-bank financial institutions
V523	k5f	Last Fy, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Purchases on credit from suppliers and advances from customers



ID	Name	Label	Type	Format	Question
V524	k5hdj	Last Fy, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Other (moneylenders, friends, relatives, bonds, etc)
V525	k4b	Purchase any new/used fixed assets?	discrete	numeric	In fiscal year [insert last complete fiscal year minus one], did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?
V526	k5a1	Fixed Assets - Value Internal Funds Or Retained Earnings	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Internal funds or retained earnings
V527	k5i1	Fixed Assets - Value Owners' Contribution Or Issued New Equity Shares	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Owners' contribution or issued new equity shares
V528	k5bc1	Fixed Assets - Value Borrowed From Banks	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from banks: private and state-owned
V529	k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from non-bank financial institutions
V530	k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Purchases on credit from suppliers and advances from customers
V531	k5hdj1	Fixed Assets - Value Other	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Other, moneylenders, friends, relatives, bonds, etc.
V532	n5c	Total annual expenditure for purchases of equipment in year prior to last FY	discrete	numeric	In fiscal year [insert last complete fiscal year minus one], how much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment
V533	n5d	Total annual expenditure on land and buildings in year prior to last FY	discrete	numeric	In fiscal year [insert last complete fiscal year minus one], how much did this establishment spend on purchases of: Land and buildings, including expansion and renovations of existing structures

ID	Name	Label	Type	Format	Question
V534	k6	Does This Establishment Have A Checking And\Or Saving Account?	discrete	numeric	Now let's talk about the establishment's current situation. At this time, does this establishment have a checking or savings account?
V535	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V536	k8	Establishment Has A Line Of Credit Or Loan From A Financial Institution?	discrete	numeric	At this time, does this establishment have a line of credit or a loan from a financial institution?
V537	k9	Type Of Financial Institution That Granted The Line Of Credit Or Loan	discrete	numeric	Referring to the most recent line of credit or loan, what type of financial institution granted this loan?
V538	k10	Year When The Most Recent Loan/Line Of Credit Approved	discrete	numeric	Referring only to this most recent line of credit or loan, in what year was the most recent line of credit or loan approved?
V539	k11	For The Most Recent Loan, What Was The Value At The Time Of Approval?	discrete	numeric	Referring only to this most recent loan or line of credit, what was its value at the time of approval?
V540	k13	Financing Required For The Most Recent Line Of Credit Or Loan	discrete	numeric	Referring only to this most recent loan or line of credit, did the financing require collateral?
V541	k14a	Type Of Collateral Required For The Most Recent Loan? Land, Buildings	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Land, buildings under ownership of the establishment
V542	k14b	Type Of Collateral Required For The Most Recent Loan? Equipment	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Machinery and equipment including movables
V543	k14c	Type Of Collateral Required For The Most Recent Loan? Accounts	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Accounts receivable and inventories
V544	k14d	Type Of Collateral Required For The Most Recent Loan? Personal Assets	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Personal assets of owner (house, etc.)
V545	k14e	Type Of Collateral Required For The Most Recent Loan? Other	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Other forms of collateral not included in the categories above
V546	k15a	Value Of Collateral Required For The Most Recent Credit/Loan	discrete	numeric	Referring only to this most recent line of credit or loan, what was the approximate value of the collateral required?
V547	k15b	Total Number Of Outstanding Loans/Lines Of Credit Held By This Establishment	discrete	numeric	What is the total number of open lines of credit or outstanding loans held by this establishment?
V548	k15c	Total Value Of Outstanding Loans/Lines Of Credit Held By This Establishment (Lcu	discrete	numeric	What is the total value of open lines of credit or outstanding loans held by this establishment?
V549	k15d	Outstanding Personal Loans Used To Finance Establishment'S Business Activities?	discrete	numeric	At this time, does the owner or owners of this establishment have any outstanding personal loans that are used to finance this establishment's business activities?

ID	Name	Label	Type	Format	Question
V550	k16	In Last Fiscal Yr, Did Establishment Apply For New Loans/Lines Of Credit?	discrete	numeric	Referring again to the last fiscal year [insert last complete fiscal year], did this establishment apply for any loans or lines of credit?
V551	k17	Main Reason For Not Applying For New Loans Or New Lines Of Credit	discrete	numeric	What was the main reason why this establishment did not apply for any line of credit or loan?
V552	k20a1	What was the outcome of that most recent application for loan/line of credit?	discrete	numeric	Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?
V553	LACK20	For Most Recent Application, What Was The Main Obstacle?	discrete	numeric	At the time of this most recent application for a line of credit or loan, please indicate which, if any, of the following was the main obstacle?
V554	k21	Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment have its annual financial statements checked and certified by an external auditor?
V555	k30	How Much Of An Obstacle: Access To Finance	discrete	numeric	Is access to finance, which includes availability and cost, interest rates, fees and collateral requirements, No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V556	h7a	The Court System Is Fair, Impartial And Uncorrupted	discrete	numeric	I am going to read some statements that describe the courts system and how it could affect business. For each statement, please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "The court system is fair, impartial and uncorrupted."
V557	j2	What % Of Senior Management Time Was Spent In Dealing With Govt Regulations?	discrete	numeric	In a typical week over the last year, what percentage of total senior management's time was spent on dealing with requirements imposed by government regulations? [By senior management I mean managers, directors, and officers above direct supervisors of production or sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms]
V558	j3	Over The Last 12 Months, Was This Establishment Inspected By Tax Officials?	discrete	numeric	Over the last year, was this establishment visited or inspected by tax officials?
V559	j4	Frequency Of Inspections/Requirement For Meeting By Tax Officials	discrete	numeric	Over the last year, how many times was this establishment either inspected by tax officials or required to meet with them?
V560	j5	In Any Of These Inspections Was A Gift/Informal Payment Requested ?	discrete	numeric	In any of these inspections or meetings was a gift or informal payment expected or requested?
V561	j6a	Government Contract Secured (Or Attempted) In The Last 12 Months?	discrete	numeric	Over the last year, has this establishment secured or attempted to secure a government contract?

ID	Name	Label	Type	Format	Question
V562	j6	% Of Contract Value Avg. Firm Pays In Informal Gifts To Govt To Secure Contract?	discrete	numeric	When establishments like this one do business with the government, what percent of the contract value would be typically paid in informal payments or gifts to secure the contract?
V563	j7a	Percent Of Total Annual Sales Paid In Informal Payments	discrete	numeric	It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percentage of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose? Percentage of total annual sales paid as informal payment
V564	j7b	Total Annual Informal Payment	discrete	numeric	It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percentage of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose? Total annual informal payment
V565	j10	Application To Obtain An Import License Submitted Over The Last 2 Years?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain an import license?
V566	j11	How Many Days Did It Take To Obtain Your Import License?	discrete	numeric	Approximately how many days did it take to obtain this import license from the day of the application to the day it was granted?
V567	j12	When You Applied For An Import License, Was An Informal Gift/Payment Requested?	discrete	numeric	In reference to that application for an import license, was an informal gift or payment expected or requested?
V568	j13	Application To Obtain An Operating License Submitted Over Last 2 Years?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain an operating license?
V569	j14	How Many Days Did It Take To Obtain Your Operating License?	discrete	numeric	Approximately how many days did it take to obtain this operating license from the day of the application to the day it was granted?
V570	j15	When You Applied For Operating License Was An Informal Gift/Payment Requested?	discrete	numeric	In reference to that application for an operating license, was an informal gift or payment expected or requested?
V571	LACj15	Over Last 2 Yrs, Submitted An Application For A Municipal Permit?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a municipal permit?
V572	LACj16	How Many Days Did It Take To Obtain Municipal Permit?	discrete	numeric	Approximately how many days did it take to obtain this municipal permit from the day of the application to the day it was granted?
V573	LACj17	In Ref To Munic. Permit Application, Informal Gift/Payment Expected Or Requested?	discrete	numeric	In reference to that application for municipal permit, was an informal gift or payment expected or requested?
V574	LACj18	Over Last 2 Yrs, Submitted An Application For A Environmental Permit?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain an environmental permit?

ID	Name	Label	Type	Format	Question
V575	LACj19	How Many Days Did It Take To Obtain Environmental Permit?	discrete	numeric	Approximately how many days did it take to obtain this environmental permit from the day of the application to the day it was granted?
V576	LACj20	On Environ. Permit, Informal Gift/Payment Expected Or Requested?	discrete	numeric	In reference to that application for environmental permit, was an informal gift or payment expected or requested?
V577	LACj21	Last 2 Yrs, Any Law Directly Affecting Establishment's Industry Been Enacted?	discrete	numeric	Over the last two years, has any law directly affecting this establishment's industry been enacted?
V578	LACj22	Referring To These Laws, Was Establishment Or Firm Consulted?	discrete	numeric	In reference to these laws, was this establishment or firm involved in a consultation process?
V579	LACj23	Involved In Any Organized Effort To Influence Creation/Implementation?	discrete	numeric	Was this establishment or firm involved in any organized effort to influence the creation or implementation of these laws?
V580	LACj24	Please Indicate The Main Means Through Which This Effort Was Organized:	discrete	numeric	Please indicate the main means through which this effort was organized:
V581	j30a	How Much Of An Obstacle: Tax Rates	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Tax rates
V582	j30b	How Much Of An Obstacle: Tax Administrations	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Tax administration
V583	j30c	How Much Of An Obstacle: Business Licensing And Permits	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Business licensing and permits
V584	j30e	How Much Of An Obstacle: Political Instability	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Political instability
V585	j30f	How Much Of An Obstacle: Corruption	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Corruption

ID	Name	Label	Type	Format	Question
V586	h30	How Much Of An Obstacle: Courts	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Courts
V587	l1	Num. Permanent, Full-Time Employees At End Of Last Fiscal Year	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers. INTERVIEWER: include interviewee if applicable.
V588	l2	Num. Permanent, Full-Time Employees At End Of 3 Fiscal Years Ago	discrete	numeric	Three fiscal years ago, at the end of fiscal year 2007, how many permanent, full-time individuals work in this establishment? Please include all employees and managers (INTERVIEWER: include interviewee if applicable).
V589	l3a	Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals were: Production workers
V590	l3b	Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals were: Non-production workers [e.g., managers, administration, sales]
V591	l4a1	Num. of permanent, full-time highly skilled production workers, last FY	discrete	numeric	
V592	l4a2	Num. of permanent, full-time semi skilled production workers, last FY	discrete	numeric	
V593	l4b	Num. of permanent, full-time unskilled production workers, last FY	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals were: Unskilled production workers
V594	l5a	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time individuals working in this establishment in the following categories were female? Female permanent full-time production workers
V595	l5b	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Non-Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time individuals working in this establishment in the following categories were female? Female permanent full-time non-production workers
V596	l5	Num. Full-Time Employees At End Of Last Fiscal Yr: Female	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time individuals were female?
V597	l6	Num. Full-Time Temporary Employees At End Of Last Fiscal Yr	discrete	numeric	How many full-time temporary employees did this establishment employ in fiscal year [insert last complete fiscal year]?

ID	Name	Label	Type	Format	Question
V598	I6a	Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr	discrete	numeric	How many full-time seasonal or temporary employees employed during [insert last complete fiscal year] were female?
V599	I8	Avg. Length Of Employment Of All Full-Time Temporary Employees In Last Fiscal Yr	discrete	numeric	What was the average length of employment of all full-time temporary employees throughout fiscal year [insert last complete fiscal year]?
V600	I9b	% Of Full Time Workers Completed High School	discrete	numeric	What is the percentage of full time permanent workers who completed secondary school?
V601	I9b_c	Number Of Full-Time Permanent Workers Completed Secondary School?	discrete	numeric	What is the percentage of full-time permanent workers who completed secondary school? Number
V602	LACI9	Share Of Full-Time Permanent Workers Who Completed University Or A Higher Degree	discrete	numeric	What is the percentage of full-time permanent workers who completed university or a higher degree? Percent
V603	LACI9_c	Number Of Full-Time Perm. Workers Completed University Or A Higher Degree?	discrete	numeric	What is the percentage of full-time permanent workers who completed university or a higher degree? Number
V604	I10	Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment have formal training programs for its permanent, full-time employees?
V605	LACI11	Over Fiscal Year 2015, Please Indicate Which Type Of Training Was Offered	discrete	numeric	Over fiscal year [insert last complete fiscal year], please indicate which type of training was offered by this establishment.
V606	SLVI11	Please Indicate With Which Institution This External Training Was Conducted	discrete	numeric	
V607	I11a	% Permanent Full-Time Production Employees Received Formal Training In Last Ffy	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Production full-time permanent employees trained Percent
V608	I11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Production full-time permanent employees trained Number
V609	I11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last Fy	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Non-production full-time permanent employees trained Percent
V610	I11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Non-production full-time permanent employees trained Number



ID	Name	Label	Type	Format	Question
V611	LACI12a	Degree Of Diff. To Employees With: Interpersonal/Communication Skills	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Interpersonal and communication skills
V612	LACI12b	Degree Of Diff. To Employees With: Work Ethic/Commitment	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Work ethic and commitment
V613	LACI12c	Degree Of Diff. To Employees With: Writing Skills	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Writing skills
V614	LACI12d	Degree Of Diff. To Employees With: English Language Skills	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: English language skills
V615	LACI12e	Degree Of Diff. To Employees With: Computer/General It Skills	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Computer skills or general IT skill
V616	LACI12f	Degree Of Diff. To Employees With: Tech. Skills (Other Than Computers)	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Technical skills, other than computers, vocational, or job-specific skills
V617	LACI13	Coming Year, Expect To: Increase/Decrease/Maintain Num Perm Employees	discrete	numeric	Referring to the external training programs partially or fully funded by the government, can you please estimate how many hours were spent on average during the last fiscal year [insert last complete fiscal year]?
V618	LACI14	Change In Number Of Perm Employees Over Coming Yr.	discrete	numeric	Please indicate the change in the number of permanent, full-time employees over the coming year:
V619	I30a	How Much Of An Obstacle: Labor Regulations?	discrete	numeric	Are labor regulations No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V620	I30b	How Much Of An Obstacle: Inadequately Educated Workforce?	discrete	numeric	Is an inadequately educated workforce No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V621	m1a	Biggest Obstacle Affecting The Operation Of This Establishment	discrete	numeric	By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment
V622	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	discrete	numeric	For fiscal year [insert last complete fiscal year], please provide the following information about this establishment: Total annual cost of labor including wages, salaries, bonuses, social security payments



ID	Name	Label	Type	Format	Question
V623	n2e	Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	discrete	numeric	For fiscal year [insert last complete fiscal year], please provide the following information about this establishment: Total annual cost of raw materials and intermediate goods used in production
V624	n2b	Total Annual Costs Of Electricity In Last Fiscal Year	discrete	numeric	For fiscal year [insert last complete fiscal year], please provide the following information about this establishment: Total annual costs of electricity
V625	n2i	Total Annual Cost Of Finished Goods/Materials Bought To Resell In Last Fiscal Yr	discrete	numeric	For fiscal year [insert last complete fiscal year], please provide the following information about this establishment: Total annual cost of finished goods and materials purchased to resell
V626	n2p	Total Cost Of Sales in Last FY	discrete	numeric	
V627	n6a	Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], what was the net book value, that is the value of assets after depreciation, of the following: Machinery, vehicles, and equipment
V628	n7a	Cost For Establishment To Re-Purchase All Of Its Machinery	discrete	numeric	Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost? Machinery, vehicles, and equipment
V629	a15a1ax	Main Respondent Position In The Firm	discrete	character	
V630	a15a2a	Main Respondent Years Working In The Firm:	contin	numeric	
V631	a15a3	Main Respondent'S Gender	discrete	numeric	
V632	a15a1bx	Second Respondent Position In The Firm	discrete	character	
V633	a15a2b	Second Respondent Years Working In The Firm:	contin	numeric	
V634	a15b3	Second Respondent'S Gender	discrete	numeric	
V635	a15a1cx	Third Respondent Position In The Firm	discrete	character	
V636	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	
V637	a15c3	Third Respondent'S Gender	discrete	numeric	
V638	a15d	Day	contin	numeric	Time face-to-face interview ends:
V639	a15m	Month	discrete	numeric	Time face-to-face interview ends:
V640	a15y	Year	discrete	numeric	Time face-to-face interview ends:
V641	a15h	Hour	discrete	numeric	Time face-to-face interview ends:
V642	a15min	Minutes	contin	numeric	Time face-to-face interview ends:
V643	a16	Perception Of The Questions Regarding Opinions And Perceptions	discrete	numeric	
V644	a17	Responses To The Questions About Figures Are€	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):

ID	Name	Label	Type	Format	Question
V645	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V646	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	discrete	numeric	If option 2 or 3 in A.18, estimate duration of the whole interview
V647	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	contin	numeric	If option 2 or 3 in A.18, estimate duration of the whole interview
V648	stratificationregioncode	stratificationregioncode	discrete	numeric	
V649	stratificationsizecode	stratificationsizecode	discrete	numeric	
V650	stratificationsectorcode	stratificationsectorcode	discrete	numeric	
V651	stratificationpanelcode	panelcode	discrete	numeric	
V652	wstrict	Weight according to strict eligibility	contin	numeric	
V653	wmedian	Weight according to median eligibility	contin	numeric	
V654	wweak	Weight according to weak eligibility	contin	numeric	
V655	strata	see notes	contin	numeric	



## WEB STD FIRMID (idstd)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 615235-615567

Valid cases: 333  
Invalid: 0  
Minimum: 615235  
Maximum: 615567

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Firm Id (id)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1-1537

Valid cases: 333  
Invalid: 0  
Minimum: 1  
Maximum: 1537

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Questionnaire (a0)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 333  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Country Code (a1)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 15-15

Valid cases: 333  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Industry Sampling Sector (a4a)

### File: nicaragua\_2016\_full\_data

## Industry Sampling Sector (a4a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Sampling Size (a6a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-4

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Sampling Region (a2)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Sector Match Between Screener Information And Sample Frame (a5)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Official Capital City? (a3b)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 333  
Invalid: 0

## Main Business City? (a3c)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 333  
Invalid: 0

## Size Of Locality (a3)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-5

Valid cases: 333  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Supervisor Number (a13)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 16-16

Valid cases: 333  
Invalid: 0

## Industry Screener Sector (a4b)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 15-72

Valid cases: 333  
Invalid: 0  
Minimum: 15  
Maximum: 72

#### Pre question

## Industry Screener Sector (a4b)

File: nicaragua\_2016\_full\_data

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Region Of The Establishment (a3a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Screener Size (a6b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-3

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Day (a14d)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-31

Valid cases: 333  
Invalid: 0  
Minimum: 1  
Maximum: 31

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Month (a14m)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-12

Valid cases: 333  
Invalid: 0

### Pre question

## Month (a14m)

File: nicaragua\_2016\_full\_data

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Year (a14y)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete

Format: numeric

Width: 4

Decimals: 0

Range: 2016-2017

Valid cases: 333

Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Hour (a14h)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 7-17

Valid cases: 333

Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Minutes (a14min)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous

Format: numeric

Width: 2

Decimals: 0

Range: 0-59

Valid cases: 333

Invalid: 0

Minimum: 0

Maximum: 59

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Interviewer Number (a12)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete

Format: numeric

Width: 3

Decimals: 0

Range: 303-320

Valid cases: 333

Invalid: 0



## Language Of The Interview (a1a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-1

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Establishment Is Part Of A Large Firm (a7)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 333  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Number Of Establishments In The Firm (a7a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1303

Valid cases: 65  
Invalid: 268

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Is This Establishment The Headquarters Location? (a7b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 65  
Invalid: 268

## Does This Headquarters Location Engage In Production Or Sales At This Location? (a7c)

File: nicaragua\_2016\_full\_data

### Overview

## Does This Headquarters Location Engage In Production Or Sales At This Location? (a7c)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 65  
Invalid: 268

## If Hq, Financial Statements Independent Of The Rest Of Establishment (a11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 45  
Invalid: 288

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Establishment'S Financial Statements Prepared Separately From Hq Statements (a9)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 20  
Invalid: 313

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Legal Status Of The Firm (b1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-6

Valid cases: 333  
Invalid: 0

### Pre question

## Legal Status Of The Firm (b1)

### File: nicaragua\_2016\_full\_data

1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING.

The goal of this survey is to gather information and opinions about the business environment in [insert country name]. The information gathered here will help the World Bank and the Inter-American Development Bank to develop new policies and programs that enhance employment and economic growth.

The information obtained here will be held in the strictest confidentiality. Neither your name nor the name of your business will be used in any document based on this survey.

2) READ OUT THE FOLLOWING INTRODUCTORY SENTENCE ONLY IF A7 = 1 (yes):

The first few questions apply to the firm which your establishment is part of.

3) SHOW CARD

#### Literal question

What is this firm's current legal status?

#### Post question

If answer is 3 then SKIP TO B.2

#### Interviewer instructions

A firm's legal status is information well known for the target respondent: CEO, General Manager or owner of the firm. ENUMERATORS DO NOT NEED TO KNOW THE DEFINITION OF EACH TYPE OF LEGAL STATUS. A firm's legal status is first determined by whether participation on ownership is by shares (first 2 options) or not (options 3 and 4). The fifth option is a combination of the previous ones.

If a firm's shares are publicly traded, it is a shareholding company with shares traded in the stock market. If the shares are not traded or they are traded only privately it is a shareholding company with shares traded privately. A shareholding company with shares traded privately is a firm that is owned by partners or shareholders for whom their claims over the firm are not publicly traded. They may or may not be traded privately. In both of these categories firms have limited liability. A sole proprietorship is a business owned and operated by one individual natural person. A natural person is a real human being, as opposed to an artificial legal entity such as a corporation or organization that the law treats for some purposes as if it were a person distinct from its members or owner(s). A firm's legal status defines the extent of the liability which defines the level of responsibility of the owner over the firm's obligations. Under limited liability each owner is only responsible for the proportion of his/her shares. A partnership allows two or more people to share profits and liabilities, with or without privately held shares. In a partnership, the parties could be individuals, corporations, trusts, other partnerships, or a combination of all of the above. The essential characteristic of this partnership is the unlimited liability of every partner. Limited partnership is a legal form that includes one or several general partners and one or more limited partners who invest capital into the partnership, but do not take part in the daily operation or management of the business. The limited partners limit their amount of liability to the amount of capital invested in the partnership. The general partners personally shoulder all debts and obligations of the partnership. Business operations are governed, unless otherwise specified in a written agreement, by majority vote of voting partners. Limited liability partnerships are separate legal entities that provide liability protection for all general partners as well as management rights in the business. When other is chosen, the actual form of legal status must be specified in writing by the enumerator on the survey instrument. Please write down the full legal status or type i.e. PLC., Ltd., etc into b1x.

This variable should be codified after field work is finished to make sure that "other" does not include establishments that can be included in forms 1-5.

## Other (Specify) (b1x)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

#### Literal question

What is this firm's current legal status? Other

#### Interviewer instructions

## Other (Specify) (b1x)

### File: nicaragua\_2016\_full\_data

A firm's legal status is information well known for the target respondent: CEO, General Manager or owner of the firm. ENUMERATORS DO NOT NEED TO KNOW THE DEFINITION OF EACH TYPE OF LEGAL STATUS. A firm's legal status is first determined by whether participation on ownership is by shares (first 2 options) or not (options 3 and 4). The fifth option is a combination of the previous ones.

If a firm's shares are publicly traded, it is a shareholding company with shares traded in the stock market. If the shares are not traded or they are traded only privately it is a shareholding company with shares traded privately. A shareholding company with shares traded privately is a firm that is owned by partners or shareholders for whom their claims over the firm are not publicly traded. They may or may not be traded privately. In both of these categories firms have limited liability. A sole proprietorship is a business owned and operated by one individual natural person. A natural person is a real human being, as opposed to an artificial legal entity such as a corporation or organization that the law treats for some purposes as if it were a person distinct from its members or owner(s). A firm's legal status defines the extent of the liability which defines the level of responsibility of the owner over the firm's obligations. Under limited liability each owner is only responsible for the proportion of his/her shares. A partnership allows two or more people to share profits and liabilities, with or without privately held shares. In a partnership, the parties could be individuals, corporations, trusts, other partnerships, or a combination of all of the above. The essential characteristic of this partnership is the unlimited liability of every partner. Limited partnership is a legal form that includes one or several general partners and one or more limited partners who invest capital into the partnership, but do not take part in the daily operation or management of the business. The limited partners limit their amount of liability to the amount of capital invested in the partnership. The general partners personally shoulder all debts and obligations of the partnership. Business operations are governed, unless otherwise specified in a written agreement, by majority vote of voting partners. Limited liability partnerships are separate legal entities that provide liability protection for all general partners as well as management rights in the business. When other is chosen, the actual form of legal status must be specified in writing by the enumerator on the survey instrument. Please write down the full legal status or type i.e. PLC., Ltd., etc into b1x.

This variable should be codified after field work is finished to make sure that "other" does not include establishments that can be included in forms 1-5.

## What Percentage Of This Firm Does The Largest Owner(S) Own? (b3)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

#### Literal question

What percentage of this firm does the largest owner or owners own?

## % Owned By Private Domestic Individuals, Companies Or Organizations (b2a)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

What percentage of this firm is owned by each of the following:  
Private domestic individuals, companies or organizations

## % Owned By Private Domestic Individuals, Companies Or Organizations (b2a)

File: nicaragua\_2016\_full\_data

### Interviewer instructions

Foreign ownership refers to the nationality of the owners. If the primary owner is a foreign national resident in the country, it is still a foreign owned firm. If the owner is another company or institution owned by individuals who are foreign nationals, then it is foreign owned. Domestic are nationals of the country in which the establishment is located. (Follow the same rule for companies) A firm that is a subsidiary of a government-owned firm should be considered government-owned. Firms that operate under a franchise agreement should be classified according to the nationality of those awarded the franchise.

## % Owned By Private Foreign Individuals, Companies Or Organizations (b2b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

What percentage of this firm is owned by each of the following:  
Private foreign individuals, companies or organizations

### Interviewer instructions

Foreign ownership refers to the nationality of the owners. If the primary owner is a foreign national resident in the country, it is still a foreign owned firm. If the owner is another company or institution owned by individuals who are foreign nationals, then it is foreign owned. Domestic are nationals of the country in which the establishment is located. (Follow the same rule for companies) A firm that is a subsidiary of a government-owned firm should be considered government-owned. Firms that operate under a franchise agreement should be classified according to the nationality of those awarded the franchise.

## % Owned By Government/State (b2c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-10

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

What percentage of this firm is owned by each of the following:  
Government/State

### Post question

IF 100% end interview

### Interviewer instructions

## % Owned By Government/State (b2c)

File: nicaragua\_2016\_full\_data

Foreign ownership refers to the nationality of the owners. If the primary owner is a foreign national resident in the country, it is still a foreign owned firm. If the owner is another company or institution owned by individuals who are foreign nationals, then it is foreign owned. Domestic are nationals of the country in which the establishment is located. (Follow the same rule for companies) A firm that is a subsidiary of a government-owned firm should be considered government-owned. Firms that operate under a franchise agreement should be classified according to the nationality of those awarded the franchise.

## % Owned By Other (b2d)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

What percentage of this firm is owned by each of the following:  
Other

### Interviewer instructions

Foreign ownership refers to the nationality of the owners. If the primary owner is a foreign national resident in the country, it is still a foreign owned firm. If the owner is another company or institution owned by individuals who are foreign nationals, then it is foreign owned. Domestic are nationals of the country in which the establishment is located. (Follow the same rule for companies) A firm that is a subsidiary of a government-owned firm should be considered government-owned. Firms that operate under a franchise agreement should be classified according to the nationality of those awarded the franchise.

## Amongst The Owners Of The Firm, Are There Any Females? (b4)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Amongst the owners of the firm, are there any females?

## % Of The Firm Owned By Females (b4a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 109  
Invalid: 224

### Literal question

What percentage of the firm is owned by females?

### Interviewer instructions

## % Of The Firm Owned By Females (b4a)

File: nicaragua\_2016\_full\_data

INTERVIEWER: PLEASE NOTE WHEN b1 IS 3 (SOLE PROPRIETORSHIP) and b4 is 1 (FIRM HAS A FEMALE OWNER), WRITE 100% FOR QUESTION b4a.

## Year Establishment Began Operations (b5)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2013

Valid cases: 333  
Invalid: 0

### Pre question

READ ONLY IF A7=1 (yes)

I want to proceed by asking you about this establishment only.

### Literal question

In what year did this establishment begin operations?

### Post question

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

### Interviewer instructions

The objective of this question is to obtain the year in which operations started regardless of who was the owner at the time. The year when the establishment began operation refers to the year in which the establishment actually started producing (or providing services), not to the year in which it was registered for the first time. If the establishment was privatized, then the date provided should refer to when the original government-owned establishment began operations.

## Number Of Full-Time Employees Of The Establishment When It Started Operations (b6)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1983

Valid cases: 333  
Invalid: 0

### Literal question

How many full-time employees did this establishment employ when it started operations? Please include all employees and managers (INTERVIEWER: include respondent when applicable)

### Interviewer instructions

The number of permanent, full-time employees for the time that the enterprise began operations should be provided. All employees and managers (including respondent) should be included.

## Was Establishment Formally Registered When It Began Operations? (b6a)

File: nicaragua\_2016\_full\_data

### Overview

## Was Establishment Formally Registered When It Began Operations? (b6a)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Was this establishment formally registered when it began operations?

### Interviewer instructions

Registering refers to registration with [to be defined on a country by country basis, choosing the most imp. for registration for tax purposes]. The question is designed to be answered as is without explanation of "registration". If and only if the respondent asks what formal registration means explain that it's when the establishment registered with: XXXXXXXX as defined in the brackets above.

## In What Year Was This Establishment Formally Registered? (b6b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2015

Valid cases: 333  
Invalid: 0

### Literal question

In what year was this establishment formally registered?

### Interviewer instructions

Year of registration refers to the year in which the establishment completed the registration as explained in B.6a.

## How Many Years Of Experience Working In This Sector Does The Top Manager Have? (b7)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-70

Valid cases: 333  
Invalid: 0

### Literal question

How many years of experience working in this sector does the Top Manager have?

### Interviewer instructions

The question refers to years of Top Manager's (defined as in B.7a) managerial experience in the sector that the establishment presently operates.

## Is The Top Manager Female? (b7a)

File: nicaragua\_2016\_full\_data

### Overview



## Is The Top Manager Female? (b7a)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Is the Top Manager female?

### Interviewer instructions

Top Manager refers to the highest ranking manager or CEO of the establishment. This person may be the owner if he/she works as the Manager of the firm.

## Does Establishment Have An Internationally-Recognized Quality Certification? (b8)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Does this establishment have an internationally-recognized quality certification?

### Interviewer instructions

The question refers exclusively to internationally recognized certifications. Examples are: ISO (International Organization for Standardization) for manufacturing and services, HACCP (Hazard Analysis and Critical Control Point) for food (especially, but not exclusively, for seafood and juices), and AATCC (American Association of Textiles Chemists and Colorists) for textiles. Certificates granted only nationally not recognized in international markets are not included.

## Specify The Internationally-Recognized Quality Certifications (b8x)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 46

Valid cases: 30

### Literal question

Please specify the internationally-recognized quality certifications

## Application To Obtain An Electrical Connection Submitted Over The Last 2 Years (c3)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

## Application To Obtain An Electrical Connection Submitted Over The Last 2 Years (c3)

File: nicaragua\_2016\_full\_data

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING.

Now, we turn to the establishment's operations in fiscal year [insert last complete fiscal year].

### Literal question

Over the last two years, did this establishment submit an application to obtain an electrical connection?

### Post question

If answer is No or Don't Know then GO TO QUESTION C.6

### Interviewer instructions

Electrical connection refers to a new connection or to an increase in voltage of an existing connection that requires an application.

## How Many Days Did It Take For You To Receive An Electrical Connection Service? (c4)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-750

Valid cases: 58  
Invalid: 275

### Literal question

In reference to that application for an electrical connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

## Informal Gift/Payment Expected Or Requested For An Electrical Connection? (c5)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 58  
Invalid: 275

### Literal question

In reference to that application for an electrical connection, was an informal gift or payment expected or requested?

### Interviewer instructions

Sensitive question, no clarification can be offered

## Over Last Fy, Did This Establishment Experience Power Outages? (c6)

File: nicaragua\_2016\_full\_data

### Overview

## Over Last Fy, Did This Establishment Experience Power Outages? (c6)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], did this establishment experience power outages?

### Post question

If answer is No or Don't Know then GO TO QUESTION C.10

### Interviewer instructions

A power outage occurs when there is equipment malfunction from the failure of adequate supply of power. Brownouts that cause some, but not all, equipment to malfunction are also considered power outages.

## Number Of Power Outages Experienced In A Typical Month In Last Fiscal Year (c7)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-90

Valid cases: 182  
Invalid: 151

### Literal question

In a typical month, over fiscal year [insert last complete fiscal year], how many power outages did this establishment experience?

### Post question

IF 0, GO TO QUESTION C.10

### Interviewer instructions

If power outages are seasonal the interviewer should ask the respondent to calculate the number of outages on a typical month, neither from months in which outages are most frequent nor from months where outages are most infrequent. The concept of TYPICAL MONTH must be well understood since it is used several times throughout the questionnaire: it is the most common type of month in the year regarding the characteristic being asked. Thus, for answers such as "electrical outages once every 3 months" in a typical month there are 0 outages (since there will be outages only in 4 months of the year and in the rest 8 months there will be no outages). For the answer "once every other month" write 1 since there will be 6 months with outages and 6 months without them.

## Average Duration Of Power Outages {Hours; Minutes} (c8a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-24

Valid cases: 175  
Invalid: 158

### Literal question

How long did these power outages last on average?  
Hours

## How Long Did These Power Outages Last On Average? (c8b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-45

Valid cases: 175  
Invalid: 158

### Literal question

How long did these power outages last on average?  
Minutes

## In Last Fy, Losses As % Of Annual Sales Due To Power Outages (c9a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-95

Valid cases: 160  
Invalid: 173

### Literal question

Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses.

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

### Interviewer instructions

The Manager should estimate the amount of production lost because of power outages.

## In Last Fy, Value Of Losses Due To Power Outages (c9b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1872000000

Valid cases: 22  
Invalid: 311

### Literal question

Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses.

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

### Interviewer instructions

The Manager should estimate the amount of production lost because of power outages.

## Generator Shared Or Owned Over The Course Of Last Fiscal Year? (c10)

File: nicaragua\_2016\_full\_data

## Generator Shared Or Owned Over The Course Of Last Fiscal Year? (c10)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the course of fiscal year [insert last complete fiscal year], did this establishment own or share a generator?

### Post question

If answer is No or Don't Know then GO TO QUESTION C.12

## % Electricity From Generator Owned/Shared By The Establishment In Last Fiscal Yr (c11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 100  
Invalid: 233

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's electricity came from a generator or generators that the establishment owned or shared?

## Cost Per Kilowatt Hour (Kwh) Of Electricity From Private Or Shared Generator (LACc11a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1258

Valid cases: 100  
Invalid: 233

### Literal question

In a typical month, over fiscal year [insert last complete fiscal year], what was the cost per kilowatt hour (KWh) of electricity obtained from a private or shared generator?

## Establishment Used Electricity From Solar Panels (LACc10b)

File: nicaragua\_2016\_full\_data

### Overview

## Establishment Used Electricity From Solar Panels (LACc10b)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the course of fiscal year [insert last complete fiscal year], did this establishment use electricity from solar panels?

## Cost Per Kilowatt Hour (Kwh) Of Electricity From Solar Panels (LACc11b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-150

Valid cases: 8  
Invalid: 325

### Literal question

In a typical month, over fiscal year [insert last complete fiscal year], what was the cost per kilowatt hour (KWh) of electricity obtained from solar panels?

## Cost Per Kilowatt Hour (Kwh) Of Electricity From Public Grid (LACc11c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -9-12000

Valid cases: 333  
Invalid: 0

### Literal question

In a typical month, over fiscal year [insert last complete fiscal year], what was the cost per kilowatt hour (KWh) of electricity obtained from the public grid?

## Application To Obtain A Water Connection Submitted Over The Last 2 Years (c12)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, did this establishment submit an application to obtain a water connection?

### Post question

## Application To Obtain A Water Connection Submitted Over The Last 2 Years (c12)

File: nicaragua\_2016\_full\_data

If answer is No or Don't Know then GO TO QUESTION C.15

## How Many Days Did It Take For You To Obtain A Water Connection? (c13)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1095

Valid cases: 18  
Invalid: 315

### Literal question

In reference to that application for a water connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

## When You Applied For A Water Connection, Was An Informal Gift/Payment Requested? (c14)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 18  
Invalid: 315

### Literal question

In reference to that application for a water connection, was an informal gift or payment expected or requested?

### Interviewer instructions

Sensitive question, no clarification can be offered

## Did You Experience Insufficient Water Supply For Production In Last Fiscal Yr? (c15)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 110  
Invalid: 223

### Literal question

Over fiscal year [insert last complete fiscal year], did this establishment experience insufficient water supply for production?

### Post question

If answer is No or Don't Know then GO TO QUESTION C.18

### Interviewer instructions

## Did You Experience Insufficient Water Supply For Production In Last Fiscal Yr? (c15)

File: nicaragua\_2016\_full\_data

Insufficient water supply: whenever there is equipment failure or cessation of production operations due to the lack or reduction of water supply.

## Frequency Of Incidents Of Water Shortages In A Typical Month In Last Fiscal Yr (c16)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-30

Valid cases: 24  
Invalid: 309

### Literal question

In a typical month, over fiscal year [insert last complete fiscal year], how many incidents of insufficient water supply did this establishment experience?

### Post question

IF 0, GO TO QUESTION C.18

### Interviewer instructions

Incidents of insufficient water supply per month can be estimated by considering the number of times water insufficiencies took place per month. The respondent should be asked not to make the calculation from months when water insufficiencies are rare or from months when water insufficiencies are extreme. The calculation should be made based on a typical month. Zero is the answer only if no insufficiencies occurred in a typical month.

## Average Length Of Water Shortages (Affecting Production) In Last Fiscal Year (c17)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-48

Valid cases: 22  
Invalid: 311

### Literal question

How long did these incidents of insufficient water supply last on average?

### Interviewer instructions

Duration of water shortage can be estimated by considering the average duration of water insufficiencies that took place in a typical month.

## Percentage Water For Production From Public Sources (c18)

File: nicaragua\_2016\_full\_data

### Overview



## Percentage Water For Production From Public Sources (c18)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 95  
Invalid: 238

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from public sources?

### Interviewer instructions

Percent of water from public sources. Percent of water used in production that is obtained from government-owned utility services.

## Percentage Water For Production From Own Or Shared Well (LACc18a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 95  
Invalid: 238

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following?

Your own well or shared well

## Percentage Water For Production From Private Vendors (LACc18b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 95  
Invalid: 238

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following?

Purchased from private vendors

## Percentage Water For Production From Other (LACc18c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 95  
Invalid: 238

### Literal question

## Percentage Water For Production From Other (LACc18c)

File: nicaragua\_2016\_full\_data

In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following?

Other

## Did This Establishment Experience Telecommunications Interruptions? (LACc19)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], did this establishment experience telecommunications interruptions?

## How Many Telecom Interruptions Experienced In A Typical Month? (LACc20)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 107  
Invalid: 226

### Literal question

In a typical month, over fiscal year [insert last complete fiscal year], how many telecommunications interruptions did this establishment experience?

## How Long Did Telecom Interruptions Last, Hours? (LACc21a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-48

Valid cases: 102  
Invalid: 231

### Literal question

How long did these telecommunications interruptions last on average? Hours

## How Long Did Telecom Interruptions Last, Minutes? (LACc21b)

File: nicaragua\_2016\_full\_data

### Overview

## How Long Did Telecom Interruptions Last, Minutes? (LACc21b)

### File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-50

Valid cases: 102  
Invalid: 231

#### Literal question

How long did these telecommunications interruptions last on average? Minutes

## Do You Currently Communicate With Clients And Suppliers By E-Mail? (c22a)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

#### Literal question

At the present time, does this establishment use e-mail to communicate with clients or suppliers?

## Establishment Has Its Own Website (c22b)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

#### Literal question

At the present time, does this establishment use its own website?

#### Interviewer instructions

Website use includes cases when the establishment has its own website but does not actually do any direct communication with clients or suppliers via the website.

## How Much Of An Obstacle: Electricity To Operations Of This Establishment? (c30a)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

#### Literal question

Is electricity No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

## How Much Of An Obstacle: Electricity To Operations Of This Establishment? (c30a)

File: nicaragua\_2016\_full\_data

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Telecommunications To Operations Of This Establishment? (c30b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Is Telecommunications No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## Establishment'S Main Product/Service Last Fiscal Yr (d1a1a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-6

Valid cases: 333  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:  
The next topic to be covered is how and where this establishment makes its sales.

### Literal question

In fiscal year [insert last complete fiscal year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales?

## Main Product/Service (By The Largest % Of Annual Sales) In Last Fiscal Year (d1a1x)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 237

Valid cases: 333

### Literal question

## Main Product/Service (By The Largest % Of Annual Sales) In Last Fiscal Year (d1a1x)

File: nicaragua\_2016\_full\_data

In fiscal year [insert last complete fiscal year], what was this establishment's main product, that is, the product that represented the largest proportion of annual sales?

### Interviewer instructions

Establishment's main product. The purpose of this question is to determine what is the main product of the establishment in terms of sales (or monetary value). The description should be written down exactly as provided by the respondent. The main product is defined in terms of sales in monetary value not volume.

## Main Product/Service ISIC (rev. 3.1) Code (d1a2)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous	Valid cases: 333
Format: numeric	Invalid: 0
Width: 4	Minimum: 1511
Decimals: 0	Maximum: 7290
Range: 1511-7290	

### Interviewer instructions

1) INTERVIEWER: THE FOLLOWING QUESTION IS NOT PART OF THE INTERVIEW. IT WILL BE FILLED OUT IN THE OFFICE

PLEASE CHOOSE THE 4-DIGIT ISIC REV. 3.1 CODE THAT BEST APPLIES TO THE ESTABLISHMENT'S MAIN ACTIVITY AND PRODUCT.

## Main Product/Service: percent of total annual sales (d1a3)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete	Valid cases: 333
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-100	

### Interviewer instructions

INTERVIEWER: THE FOLLOWING QUESTION IS NOT PART OF THE INTERVIEW. IT WILL BE FILLED OUT IN THE OFFICE

What percentage of total sales does the main product represent?

## In Last Fiscal Year, What Were This Establishment's Total Annual Sales? (d2)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete	Valid cases: 333
Format: numeric	Invalid: 0
Width: 10	
Decimals: 0	
Range: -9-7488000000	

### Literal question

In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for ALL products and services?

## In Last Fiscal Year, What Were This Establishment's Total Annual Sales? (d2)

File: nicaragua\_2016\_full\_data

### Interviewer instructions

INTERVIEWER: PLEASE NOTE THAT THE NEXT QUESTION REFERS TO THE TOTAL SALES OF ALL PRODUCTS AND SERVICES

## Please Also Write Out The Number (d2x)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete

Valid cases: 312

Format: character

Width: 103

### Literal question

In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for ALL products and services?

### Interviewer instructions

INTERVIEWER: PLEASE NOTE THAT THE NEXT QUESTION REFERS TO THE TOTAL SALES OF ALL PRODUCTS AND SERVICES

PLEASE ALSO WRITE OUT THE NUMBER (i.e. 50,000 as Fifty Thousand)

## What Were The Establishment Sales 3 Years Ago (n3)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete

Valid cases: 333

Format: numeric

Invalid: 0

Width: 10

Decimals: 0

Range: -9-4610000000

### Literal question

Looking back at the end of fiscal year 2013, what were total annual sales for this establishment?

### Interviewer instructions

Total sales three complete fiscal years ago include the value of all annual sales counting manufactured goods and goods the establishment has bought for trading. If an establishment makes blue jeans and also imports blue jeans to sell, total sales is the value of all blue jeans sold, both produced and imported. Revenue or receipts for all services rendered and any sales of merchandise for the year even though payment may have been received at a later date are included in total sales. Firms operating on a commission basis should report commissions, fees, and other operating income, not gross billings or sales.

## % Of Sales: National Sales (d3a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete

Valid cases: 333

Format: numeric

Invalid: 0

Width: 3

Decimals: 0

Range: -9-100

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's sales were:  
National sales

## % Of Sales: National Sales (d3a)

File: nicaragua\_2016\_full\_data

### Interviewer instructions

INTERVIEWER: these must be asked in the order they appear on the table

SHOW CARD

Where sales are made. The purpose of this question is to determine where the establishment's customers are located. Domestic sales are when goods or services are sold inside the borders of the country. An indirect export is when the manufacturer sells its goods to a trader or another agent who then exports the product without modifications. Products that the manager knows are smuggled abroad should be counted as indirect exports. Direct export is the sale of goods where the immediate recipient is outside the borders of the country.

## % O Sales: Indirect Exports (d3b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's sales were:  
Indirect exports (sold domestically to third party that exports products)

### Interviewer instructions

INTERVIEWER: these must be asked in the order they appear on the table

SHOW CARD

Where sales are made. The purpose of this question is to determine where the establishment's customers are located. Domestic sales are when goods or services are sold inside the borders of the country. An indirect export is when the manufacturer sells its goods to a trader or another agent who then exports the product without modifications. Products that the manager knows are smuggled abroad should be counted as indirect exports. Direct export is the sale of goods where the immediate recipient is outside the borders of the country.

## % Of Sales: Direct Exports (d3c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's sales were:  
Direct exports

### Interviewer instructions

## % Of Sales: Direct Exports (d3c)

File: nicaragua\_2016\_full\_data

INTERVIEWER: these must be asked in the order they appear on the table

SHOW CARD

Where sales are made. The purpose of this question is to determine where the establishment's customers are located. Domestic sales are when goods or services are sold inside the borders of the country. An indirect export is when the manufacturer sells its goods to a trader or another agent who then exports the product without modifications. Products that the manager knows are smuggled abroad should be counted as indirect exports. Direct export is the sale of goods where the immediate recipient is outside the borders of the country.

## In Last Fy, Avg. Num. Of Days For Exported Goods To Clear Customs? (d4)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-30

Valid cases: 18  
Invalid: 315

### Literal question

In fiscal year [insert last complete fiscal year], when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?

### Interviewer instructions

The purpose of this question is to determine the efficiency of customs in clearing goods for export. Main point of exit is the last domestic location (e.g. port, border crossing, airport, or internal custom) from which the goods leave the country. Whenever different ports of exit are used this question refers to the port where "most goods" exit defined in terms of consignment value (not physical units). Goods cleared customs They refer to the time it takes to obtain all clearances required from the moment the goods arrived at their point of exit until the moment they satisfy the requirements of the clearance procedures at the custom office. This includes transit procedures. Average number of days to clear customs. Prompt the respondent to think of all shipments sent to the main point of exit and estimate an average time it took from the time the shipments arrived to the time they left that point of exit.

## Longest Number Of Days For Exported Goods Or Services To Clear Customs (LACd4)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-35

Valid cases: 18  
Invalid: 315

### Literal question

In fiscal year [insert last complete fiscal year], when this establishment exported goods directly, what was the longest number of days it took from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?



## In clearing exports through customs, informal gift/payment expected or requested? (d5a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 18  
Invalid: 315

### Literal question

In reference to when this establishment exported goods directly, in clearing these goods through customs was an informal gift or payment expected or requested?

## In Last Fy, Export Losses Due To Theft As % Of Value Of Products (d6)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-0

Valid cases: 18  
Invalid: 315

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of theft?

### Interviewer instructions

Theft, breakage or spoilage for direct export. The purpose of this question is to determine the extent of losses that stem from theft, breakage or spoilage as goods are transported for export, independently of whether the cost is borne by the establishment or a third party that is hired to transport the goods. Value of the products exported refers to the value paid when goods are delivered to the receiver. Theft refers to robbery that occurred outside the premises of the establishment. Breakage refers to the inoperability or usability of the good. A broken good is inoperable or unusable in its current state.

## In Last Fy, Export Losses Due To Breakage Or Spoilage As % Of Value Of Products (d7)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 18  
Invalid: 315

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of breakage or spoilage?

### Interviewer instructions

Theft, breakage or spoilage for direct export. The purpose of this question is to determine the extent of losses that stem from theft, breakage or spoilage as goods are transported for export, independently of whether the cost is borne by the establishment or a third party that is hired to transport the goods. Value of the products exported refers to the value paid when goods are delivered to the receiver. Theft refers to robbery that occurred outside the premises of the establishment. Breakage refers to the inoperability or usability of the good. A broken good is inoperable or unusable in its current state.

## Over Fiscal Year 2015, Use Export Facilitation Services Or Programs? (LACd7)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 32  
Invalid: 301

### Literal question

Over fiscal year [insert last complete fiscal year], did this establishment use export facilitation services or programs?

## Over next year, does this establishment expect volume of direct exports to: (LACd8)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-3

Valid cases: 32  
Invalid: 301

### Literal question

Over the next year, does this establishment expect the volume of its direct exports to:

### Interviewer instructions

INTERVIEWER: READ OUT

## By What Percentage Does Establishment Expect Volume Of Direct Exports To Change? (LACd9)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 25  
Invalid: 308

### Literal question

By what percentage does this establishment expect the volume of its direct exports to change?

### Interviewer instructions

INTERVIEWER: READ OUT

## In What Year Did This Establishment First Export Directly Or Indirectly? (d8)

File: nicaragua\_2016\_full\_data

### Overview

## In What Year Did This Establishment First Export Directly Or Indirectly? (d8)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2015

Valid cases: 51  
Invalid: 282

### Literal question

In which year did this establishment first export directly or indirectly?

## Obstacle: Insufficient Access To Finance (LACd10a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services.  
Insufficient access to finance

### Interviewer instructions

INTERVIEWER: READ OUT SHOW CARD 6

## Obstacle: Insufficient Export Guarantees (LACd10b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services.  
Insufficient export guarantees

### Interviewer instructions

INTERVIEWER: READ OUT SHOW CARD 6

## Obstacle: Limited Production Capacity To Meet International Demand (LACd10c)

File: nicaragua\_2016\_full\_data

### Overview

## Obstacle: Limited Production Capacity To Meet International Demand (LACd10c)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 110  
Invalid: 223

### Literal question

To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services.  
Limited production capacity to meet international demand

### Interviewer instructions

INTERVIEWER: READ OUT SHOW CARD 6

## Obstacle: Lack Of Staff With Training In Foreign Trade (LACd10d)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services.  
Lack of staff with training in foreign trade

### Interviewer instructions

INTERVIEWER: READ OUT SHOW CARD 6

## Obstacle: High Transport Costs (LACd10e)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services.  
High transport costs

### Interviewer instructions

INTERVIEWER: READ OUT SHOW CARD 6

## Obstacle: Lack Of Appropriate Of Production Inputs (LACd10f)

File: nicaragua\_2016\_full\_data

### Overview

## Obstacle: Lack Of Appropriate Of Production Inputs (LACd10f)

### File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 110  
Invalid: 223

#### Literal question

To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services.  
Lack of appropriate of production inputs

#### Interviewer instructions

INTERVIEWER: READ OUT SHOW CARD 6

## Obstacle: High Price Of Production Inputs (LACd10g)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 110  
Invalid: 223

#### Literal question

To what degree is each of the following issues an obstacle for this establishment's capacity to export its products or services. Please answer regardless of whether this establishment currently exports its goods or services.  
High price of production inputs

#### Interviewer instructions

INTERVIEWER: READ OUT SHOW CARD 6

## Did Cafta Provisions Affect Establishment's Capacity To Export? (LACd11)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

#### Literal question

In fiscal year [insert last complete fiscal year], did the provisions under CAFTA directly affect this establishment's capacity to export its products or services?

## How Cafta Provisions Affected Capacity To Export (LACd12)

### File: nicaragua\_2016\_full\_data

#### Overview

## How Cafta Provisions Affected Capacity To Export (LACd12)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-3

Valid cases: 6  
Invalid: 327

### Literal question

Please indicate how provisions under CAFTA affected this establishment's capacity to export its goods or services

## In Last Fy, % Of Value Of Products Lost In Transit Due To Theft (d10)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-20

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?

### Interviewer instructions

"No internal shipments to supply domestic markets" applies only when direct exports represent 100% of the establishment's sales.

## In Last Fy, % Of Value Of Products Lost In Transit Due To Breakage Or Spoilage? (d11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-25

Valid cases: 300  
Invalid: 33

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?

### Interviewer instructions

"No internal shipments to supply domestic markets" applies only when direct exports represent 100% of the establishment's sales.

## % Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year (d12a)

File: nicaragua\_2016\_full\_data

### Overview

## % Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year (d12a)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

In fiscal year [insert last complete fiscal year], as a proportion of all material inputs or supplies purchased that year, what percentage of this establishment's material inputs or supplies were:

Material inputs or supplies of domestic origin

### Interviewer instructions

The purpose of this question is to determine from where the inputs for production are obtained and purchased. The calculation is done as a percent of all purchases of supplies and inputs purchased by the establishment for the fiscal year. Inputs are materials that go through a mechanical, physical, or chemical transformation that will ultimately make up some portion of the final good produced. Lumber in a furniture factory is a good example of an input. Supplies are materials or products that are used, expended, consumed, but will not comprise the final good produced. Pencils and writing paper are good examples of a supply.

## % Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year (d12b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

In fiscal year [insert last complete fiscal year], as a proportion of all material inputs or supplies purchased that year, what percentage of this establishment's material inputs or supplies were:

Material inputs or supplies of foreign origin

### Post question

IF 0, GO TO QUESTION d16

### Interviewer instructions

The purpose of this question is to determine from where the inputs for production are obtained and purchased. The calculation is done as a percent of all purchases of supplies and inputs purchased by the establishment for the fiscal year. Inputs are materials that go through a mechanical, physical, or chemical transformation that will ultimately make up some portion of the final good produced. Lumber in a furniture factory is a good example of an input. Supplies are materials or products that are used, expended, consumed, but will not comprise the final good produced. Pencils and writing paper are good examples of a supply.

## Were Any Of These Material Inputs And Supplies Imported Directly? (d13)

File: nicaragua\_2016\_full\_data

### Overview

## Were Any Of These Material Inputs And Supplies Imported Directly? (d13)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 225  
Invalid: 108

### Literal question

Were any of the material inputs or supplies purchased in fiscal year [insert last complete fiscal year], imported directly?

### Post question

If answer is No or Don't Know then GO TO QUESTION d16

### Interviewer instructions

The purpose of this question is to determine if the establishment has any interaction with customs when importing inputs and other materials.

## Avg. Num. Of Days For Imported Goods To Clear Customs In Last Fiscal Year (d14)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 150  
Invalid: 183

### Literal question

In fiscal year [insert last complete fiscal year], when this establishment imported material inputs or supplies, how many days did it take on average from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?

### Interviewer instructions

The purpose of these questions is to measure the efficiency of customs clearance of imports. Goods cleared customs includes all clearances required from the moment the goods arrived at their point of entry (e.g., port, airport) until the moment they satisfy the requirement of the clearance procedures at the customs office and can be picked up. It does not include time spent on transportation to reach the point of entry. Average number of days to clear customs. Prompt respondent to think of various shipments destined to the establishment that originated from abroad, and to estimate an average of the time it took when the shipment arrived to the country's point of entry to the time the establishment was allowed to claim them and begin domestic transport.

## Longest Number Of Days For Imported Inputs Or Supplies To Clear Customs (LACd15)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-180

Valid cases: 47  
Invalid: 286

### Literal question

In fiscal year [insert last complete fiscal year], when this establishment imported material inputs or supplies, what is the longest number of days that it took from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?



## In clearing imports through customs, informal gift/payment expected or requested? (d15a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 47  
Invalid: 286

### Literal question

In reference to when this establishment imported material inputs or supplies, in claiming these goods from customs was an informal gift or payment expected or requested?

## How Much Of An Obstacle: Transport? (d30a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Is transport No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Customs And Trade Regulations? (d30b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Are customs and trade regulations No Obstacle, a Minor Obstacle, a Moderate obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## In Last Fy, Main Market For Establishment'S Main Product (e1)

File: nicaragua\_2016\_full\_data

### Overview

## In Last Fy, Main Market For Establishment'S Main Product (e1)

### File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-3

Valid cases: 110  
Invalid: 223

#### Literal question

In fiscal year [insert last complete fiscal year], which of the following was the main market in which this establishment sold its main product?

#### Post question

If answer is 3 or Don't Know then GO TO QUESTION E.6

#### Interviewer instructions

The purpose of this question is to get the establishment to define what it considers to be its main market. The main product is defined by the output that generates the highest proportion of sales in monetary terms. The establishment's main market is defined by the market that generates the most sales of the main product as defined above. It could be the case that an establishment's main product is sold in smaller proportions in a greater number of markets and that the main product is never the greatest total annual share of revenue in any one market. For example, 51 percent of revenue comes from selling nails, but that is distributed equally in the local, national, and international markets, 33 percent in each. Bolts make up 49 percent of total annual revenues. However, half of the revenue for bolts comes from selling in the international market and half in the local market. It is clear that bolts sell more in its respective market with respect to nails, but does not generate as much revenue as nails do for the establishment. In such a case, nails should be used as the main product. Whenever local, national and international markets have equal shares choose the national market and do not follow the skip pattern.

## Competitors For The Main Product/Service In The Main Market (e2b)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-80

Valid cases: 97  
Invalid: 236

#### Literal question

In fiscal year [insert last complete fiscal year], for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face?

## Do You Use Technology Licensed From A Foreign-Owned Company? (e6)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 110  
Invalid: 223

#### Literal question

Does this establishment at present use technology licensed from a foreign-owned company, excluding office software?

#### Interviewer instructions

## Do You Use Technology Licensed From A Foreign-Owned Company? (e6)

File: nicaragua\_2016\_full\_data

Technology licensed from a foreign owned company: it measures access to foreign technology. The license may be held by the establishment's parent company. The answer is "no" if the establishment uses foreign technology without a license or a formal agreement. Office software such as Microsoft Office should not be included.

## Does This Establishment Compete Against Unregistered Or Informal Firms? (e11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Does this establishment compete against unregistered or informal firms?

### Interviewer instructions

Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Practices Of Competitors In Informal Sector? (e30)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Are practices of competitors in the informal sector No Obstacle, a Minor Obstacle, a Moderate Obstacle, Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).

## New Products/Services Introduced Over Last 3 Yrs (h1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING

And now we switch to a different topic. In this section "new" means new to the establishment but not necessarily new to the market.

## New Products/Services Introduced Over Last 3 Yrs (h1)

File: nicaragua\_2016\_full\_data

### Literal question

During the last three years, has this establishment introduced new or significantly improved products or services?

## New Products/Services Also New For Thr Establishment'S Main Market (h2)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 208  
Invalid: 125

### Literal question

Were any of the new or significantly improved products or services also new for the establishment's main market?

## Describe in detail the main new or significantly improved product or service (h3x)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 193

Valid cases: 208

### Literal question

Please describe in detail the main new or significantly improved product or service that this establishment introduced during the last three years. The main new or significantly improved product or service is the one that represented the largest proportion of this establishment's sales in value (not volume) during the last three years.

### Interviewer instructions

DESCRIPTION SHOULD BE AS DETAILED AS POSSIBLE

## Describe how the main new/significantly improved product or service is different (h4x)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 149

Valid cases: 208

### Literal question

Please describe in detail how the main new or significantly improved product or service is different than the most similar product or service, if any, previously produced by this establishment. IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"

During last 3 yrs, establishment introduced new/significantly improved process (h5)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

#### Literal question

During the last three years, has this establishment introduced any new or significantly improved process, that is: methods of manufacturing products or offering services; logistics, delivery, or distribution methods for inputs, products, or services; or supporting activities for processes?

Describe main new/significantly improved process this establishment introduced (h6x)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: character  
Width: 195

Valid cases: 123

#### Literal question

Please describe in detail the main new or significantly improved process that this establishment introduced during the last three years. The main innovative process is the innovative process that had the largest impact on the operations of the establishment during the last three years.

#### Interviewer instructions

DESCRIPTION SHOULD BE AS DETAILED AS POSSIBLE

How the main new/significantly improved process is different (h7x)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: character  
Width: 142

Valid cases: 123

#### Literal question

Please describe in detail how the main new or significantly improved process is different than the most similar process that is or was used by this establishment IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"

During Last Fiscal Year, establishment spent on R&D (excl market research)? (h8)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

During Last Fiscal Year, establishment spent on R&D (excl market research)? (h8)

File: nicaragua\_2016\_full\_data

**Literal question**

During last fiscal year, did this establishment spend on formal research and development activities, either in-house or contracted with other companies, excluding market research surveys?

How much spent on R&D, either in-House or external? (h9)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-20000000

Valid cases: 65  
Invalid: 268

**Literal question**

During last fiscal year, how much did this establishment spend on formal research and development activities, either in-house or contracted with other companies?

In Last Fy, What Was The Capacity Utilization (%) Of This Establishment? (f1)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 110  
Invalid: 223

**Literal question**

In percentage terms, in fiscal year [insert last complete fiscal year], what was this establishment's output produced as a proportion of the maximum output possible if using all the resources available, that is to say capacity utilization?

**Interviewer instructions**

A capacity utilization estimate should be compared to a full production capacity capability. This question only references the production facility and not the administrative offices. Full production capacity is the maximum level of production that this establishment could reasonably expect to attain under normal and realistic operating conditions fully utilizing the machinery, equipment and employees in place

Relative To Prior Fy, Did Productive Capacity Increase/Decrease/Stay The Same? (LACf1)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-3

Valid cases: 110  
Invalid: 223

**Literal question**

## Relative To Prior Fy, Did Productive Capacity Increase/Decrease/Stay The Same? (LACf1)

File: nicaragua\_2016\_full\_data

Relative to the prior fiscal year, that is [ ], please indicate if this establishment's productive capacity increased, decreased, or stayed the same?

## Number Of Hours Per Week Operated By The Establishment In Last Fiscal Year (f2)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-168

Valid cases: 110  
Invalid: 223

### Literal question

In fiscal year [insert last complete fiscal year], how many hours per week did this establishment normally operate?

### Interviewer instructions

Hours per week of operation are the hours per week in which machines and employees are engaged in some type of mechanical, physical, or chemical transformation of materials into new products or in which the assembly of components into new products takes place, including maintenance. This question only references the production facility and not the administrative offices.

## Percentage Of The Building Occupied: Owned By This Establishment (g6a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Literal question

Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased?  
Owned by this establishment

### Interviewer instructions

If establishment occupies several buildings the percentages should be computed for the summation of buildings.

## Percentage Of The Building Occupied: Leased Or Rented By This Establishment (g6b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

## Percentage Of The Building Occupied: Leased Or Rented By This Establishment (g6b)

File: nicaragua\_2016\_full\_data

### Literal question

Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased?  
Rented or leased by this establishment

### Interviewer instructions

If establishment occupies several buildings the percentages should be computed for the summation of buildings.

## Percentage Of The Building Occupied: Other (g6c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-50

Valid cases: 333  
Invalid: 0

### Literal question

Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased?  
Other

### Interviewer instructions

If establishment occupies several buildings the percentages should be computed for the summation of buildings.

## Percentage Of The Land Occupied: Owned By This Establishment (g1a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Of the land occupied by this establishment, what percent is:  
Owned by this establishment

## Percentage Of The Land Occupied: Rented Or Leased By This Establishment (g1b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0



## Percentage Of The Land Occupied: Rented Or Leased By This Establishment (g1b)

File: nicaragua\_2016\_full\_data

### Pre question

SHOW CARD

### Literal question

Of the land occupied by this establishment, what percent is:  
Leased by this establishment

## Percentage Of The Land Occupied: Other (g1c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-0

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Of the land occupied by this establishment, what percent is:  
Other

## Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years (g2)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, did this establishment submit an application to obtain a construction-related permit?

### Post question

If answer is No or Don't Know then GO TO QUESTION G.30

## How Many Days Did It Take For You To Obtain A Construction-Related Permit? (g3)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-365

Valid cases: 73  
Invalid: 260

### Literal question

## How Many Days Did It Take For You To Obtain A Construction-Related Permit? (g3)

File: nicaragua\_2016\_full\_data

In reference to that application for a construction-related permit, approximately how many days did it take to obtain it from the day of the application to the day the permit was granted?

## Informal Gift/Payment Expected Or Requested For A Construction-Related Permit (g4)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 73  
Invalid: 260

### Literal question

In reference to that application for a construction-related permit, was an informal gift or payment expected or requested?

### Interviewer instructions

Sensitive question, no clarification can be offered

## What Is The Total Selling Area In This Establishment? (g5a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -9-15000

Valid cases: 82  
Invalid: 251

### Literal question

What is the total selling area of this establishment?

### Interviewer instructions

Total selling area refers to the space where sales take place. It does not include warehouses. Whenever the establishment is composed of several locations the selling areas of each location should be added.

## The Area Is Measured In: (g5b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

Valid cases: 64  
Invalid: 269

### Literal question

What is the total selling area of this establishment? SPECIFY UNITS

### Interviewer instructions

Total selling area refers to the space where sales take place. It does not include warehouses. Whenever the establishment is composed of several locations the selling areas of each location should be added.

## Specify Other Units (If Not Included Above) The Area Is Measured In (g5bx)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0

### Literal question

What is the total selling area of this establishment? SPECIFY UNITS Other

### Interviewer instructions

Total selling area refers to the space where sales take place. It does not include warehouses. Whenever the establishment is composed of several locations the selling areas of each location should be added.

## How Much Of An Obstacle: Access To Land? (g30a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Is access to land No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4). Sensitive question, no clarification can be offered

## In Last Fy, Did This Establishment Pay For Security? (i1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: We now turn to another topic.

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment pay for security, for example equipment, personnel, or professional security services?

### Post question

If answer is No or Don't Know then GO TO QUESTION I.3

## Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year (i2a)

File: nicaragua\_2016\_full\_data

## Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year (i2a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-30

Valid cases: 162  
Invalid: 171

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security?  
Percentage of total annual sales for security

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

## In Last Fiscal Year, What Is The Total Annual Cost Of Security? (i2b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-2683062

Valid cases: 61  
Invalid: 272

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security?  
Total annual cost of security

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

## Losses Due To Theft Or Robbery On Establishment's Premises? (LACi3)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of theft or robbery (excluding in transit) on this establishment's premises?

## Est. Losses Due To Theft Or Robbery On Premises, Percentage Total Annual Sales (LACi4a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-70

Valid cases: 49  
Invalid: 284

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery (excluding in transit) that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales

## Est. Losses Due To Theft Or Robbery On Premises, Total Value (LACi4b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-1000000

Valid cases: 23  
Invalid: 310

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery (excluding in transit) that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Total annual value of losses

## Percentage Of Incidents Of Theft Or Robbery On Premises Reported To Authorities? (LACi5)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 72  
Invalid: 261

### Literal question

What percentage of these incidents of theft or robbery (excluding in transit) were reported to the authorities?

## Percentage Of Incidents Of Theft Or Robbery On Premises Resolved By Authorities? (LACi6)

File: nicaragua\_2016\_full\_data

### Overview

## Percentage Of Incidents Of Theft Or Robbery On Premises Resolved By Authorities? (LACi6)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 45  
Invalid: 288

### Literal question

What percentage of these incidents of theft or robbery (excluding in transit) were resolved by the authorities?

## Losses Due To Theft Or Robbery In Transit? (LACi7)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of theft or robbery in transit?

## Est. Losses Due To Theft Or Robbery In Transit, Percentage Total Annual Sales (LACi8a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-20

Valid cases: 11  
Invalid: 322

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery in transit either as a percentage of total annual sales or as total annual losses?  
Losses as percentage of total annual sales

## Est. Losses Due To Theft Or Robbery In Transit, Total Value (LACi8b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -9-30000

Valid cases: 1  
Invalid: 332

### Literal question

## Est. Losses Due To Theft Or Robbery In Transit, Total Value (LACi8b)

File: nicaragua\_2016\_full\_data

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft or robbery in transit either as a percentage of total annual sales or as total annual losses?

Total annual value of losses

## Percentage Of Incidents Of Theft Or Robbery In Transit Reported To Authorities? (LACi9)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 12  
Invalid: 321

### Literal question

What percentage of these incidents of theft or robbery in transit were reported to the authorities?

## Percentage Of Incidents Of Theft Or Robbery In Transit Resolved By Authorities? (LACi10)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 5  
Invalid: 328

### Literal question

What percentage of these incidents of theft or robbery in transit were resolved by the authorities?

## Losses Due To Arson Or Vandalism? (LACi11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of vandalism or arson?

## Est. Losses Due To Arson Or Vandalism, Percentage Total Annual Sales (LACi12a)

File: nicaragua\_2016\_full\_data

## Est. Losses Due To Arson Or Vandalism, Percentage Total Annual Sales (LACi12a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-20

Valid cases: 2  
Invalid: 331

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of vandalism or arson either as a percentage of total annual sales or as total annual losses?  
Losses as percentage of total annual sales

## Est. Losses Due To Arson Or Vandalism, Total Value (LACi12b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-290000

Valid cases: 1  
Invalid: 332

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of vandalism or arson either as a percentage of total annual sales or as total annual losses?  
Total annual value of losses

## Percentage Of Incidents Of Arson Or Vandalism Reported To Authorities? (LACi13)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 3  
Invalid: 330

### Literal question

What percentage of these incidents of vandalism or arson were reported to the authorities?

## Percentage Of Incidents Of Arson Or Vandalism Resolved By Authorities? (LACi14)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-1

Valid cases: 2  
Invalid: 331



## Percentage Of Incidents Of Arson Or Vandalism Resolved By Authorities? (LACi14)

File: nicaragua\_2016\_full\_data

### Literal question

What percentage of these incidents of vandalism or arson were resolved by the authorities?

## Losses Due To Internet Fraud Or Hacking? (LACi15)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of internet fraud or hacking?

## Est. Losses Due To Internet Fraud Or Hacking, Percentage Total Annual Sales (LACi16a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-1

Valid cases: 1  
Invalid: 332

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of internet fraud or hacking either as a percentage of total annual sales or as total annual losses?  
Losses as percentage of total annual sales

## Est. Losses Due To Internet Fraud Or Hacking, Total Value (LACi16b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-1100000

Valid cases: 4  
Invalid: 329

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of internet fraud or hacking either as a percentage of total annual sales or as total annual losses?  
Total annual value of losses

## Percentage Of Incidents Of Internet Fraud Or Hacking Reported To Authorities? (LACi17)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 5  
Invalid: 328

### Literal question

What percentage of these incidents of internet fraud or hacking were reported to the authorities?

## Percentage Of Incidents Of Internet Fraud Or Hacking Resolved By Authorities? (LACi18)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-0

Valid cases: 4  
Invalid: 329

### Literal question

What percentage of these incidents of internet fraud or hacking were resolved by the authorities?

## Losses Due To Extortion Or Payments To Gangs? (LACi19)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of extortion or payments to gangs?

## Losses Due To Extortion Or Payments To Gangs, Percentage Total Annual Sales (LACi20a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 0  
Invalid: 333

### Literal question

## Losses Due To Extortion Or Payments To Gangs, Percentage Total Annual Sales (LACi20a)

File: nicaragua\_2016\_full\_data

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of extortion or payments to gangs either as a percentage of total annual sales or as total annual losses?

Losses as percentage of total annual sales

## Est. Losses Due To Extortion Or Payments To Gangs, Total Value (LACi20b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 0  
Invalid: 333

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of extortion or payments to gangs either as a percentage of total annual sales or as total annual losses?

Total annual value of losses

## Share Of Incidents Of Extortion Or Payments To Gangs Reported To Authorities? (LACi21)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 0  
Invalid: 333

### Literal question

What percentage of these incidents of extortion or payments to gangs were reported to the authorities?

## Share Of Incidents Of Extortion Or Payments To Gangs Resolved By Authorities? (LACi22)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--6

Valid cases: 0  
Invalid: 333

### Literal question

What percentage of these incidents of extortion or payments to gangs were resolved by the authorities?

## Losses Due To Absenteeism Due To Crime? (LACi23)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of worker absenteeism due to violence?

## Est. Losses Due To Absenteeism Due To Crime, Percentage Total Annual Sales (LACi24a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-3

Valid cases: 9  
Invalid: 324

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of worker absenteeism due to violence either as a percentage of total annual sales or as total annual losses?  
Losses as percentage of total annual sales

## Est. Losses Due To Absenteeism Due To Crime, Total Value (LACi24b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -9-77000

Valid cases: 2  
Invalid: 331

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of worker absenteeism due to violence either as a percentage of total annual sales or as total annual losses?  
Total annual value of losses

## Percentage Of Incidents Of Absenteeism Due To Crime Reported To Authorities? (LACi25)

File: nicaragua\_2016\_full\_data

### Overview

## Percentage Of Incidents Of Absenteeism Due To Crime Reported To Authorities? (LACi25)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 11  
Invalid: 322

### Literal question

What percentage of these incidents of worker absenteeism due to violence were reported to the authorities?

## Percentage Of Incidents Of Absenteeism Due To Crime Resolved By Authorities? (LACi26)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 7  
Invalid: 326

### Literal question

What percentage of these incidents of worker absenteeism due to violence were resolved by the authorities?

## How Much Of An Obstacle: Crime, Theft And Disorder? (i30)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Are crime, theft and disorder No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## In Last Fy, % Of Material Inputs Or Services Paid For After Delivery (k1c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

## In Last Fy, % Of Material Inputs Or Services Paid For After Delivery (k1c)

File: nicaragua\_2016\_full\_data

SHOW CARD

### Literal question

In fiscal year [insert last complete fiscal year], what percentage, as a proportion of the value of total annual purchases of material inputs or services, were:  
Paid for after delivery?

### Interviewer instructions

The questions refer to an establishment's ability to provide and be provided trade credit arrangements with suppliers and customers. a. Paid before delivery means the invoice was paid before the shipment arrived. b. Paid for on delivery means that the payment was made at the time the shipment arrived. c. Paid for after delivery means that the payment was made at some period after the shipment had arrived.

## In Last Fy, % Of Total Annual Sales Paid For After Delivery (k2c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's total annual sales of its goods or services were:  
Paid for after delivery?

### Interviewer instructions

The questions refer to an establishment's ability to provide and be provided trade credit arrangements with suppliers and customers. a. Paid before delivery means the invoice was paid before the shipment arrived. b. Paid for on delivery means that the payment was made at the time the shipment arrived. c. Paid for after delivery means that the payment was made at some period after the shipment had arrived.

## % Of Working Capital Financed From Internal Funds/Retained Earnings (k3a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Internal funds/Retained earnings

### Interviewer instructions

## % Of Working Capital Financed From Internal Funds/Retained Earnings (k3a)

File: nicaragua\_2016\_full\_data

Working capital refers to financing of short term production activities. Working capital is necessary for businesses to cover short term liquidity issues, such as purchases of inputs, covering wage bills, etc. It does not refer to larger investments, such as in machinery or equipment. Since investment financing is covered under question K.5, working capital can be understood as financing of all operations, excluding investment in fixed assets Working capital sources are likely to be diverse. It is important for the enumerator to make sure that the various sources do add up to 100%. Both domestic and foreign banks are included in k3bc

## % Of Working Capital Borrowed From Banks (k3bc)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Borrowed from banks (private and state-owned)

### Interviewer instructions

Working capital refers to financing of short term production activities. Working capital is necessary for businesses to cover short term liquidity issues, such as purchases of inputs, covering wage bills, etc. It does not refer to larger investments, such as in machinery or equipment. Since investment financing is covered under question K.5, working capital can be understood as financing of all operations, excluding investment in fixed assets Working capital sources are likely to be diverse. It is important for the enumerator to make sure that the various sources do add up to 100%. Both domestic and foreign banks are included in k3bc

## % Of Working Capital Borrowed From Non-Bank Financial Institutions (k3e)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-50

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Borrowed from non-bank financial institutions

### Interviewer instructions

## % Of Working Capital Borrowed From Non-Bank Financial Institutions (k3e)

File: nicaragua\_2016\_full\_data

Working capital refers to financing of short term production activities. Working capital is necessary for businesses to cover short term liquidity issues, such as purchases of inputs, covering wage bills, etc. It does not refer to larger investments, such as in machinery or equipment. Since investment financing is covered under question K.5, working capital can be understood as financing of all operations, excluding investment in fixed assets Working capital sources are likely to be diverse. It is important for the enumerator to make sure that the various sources do add up to 100%. Both domestic and foreign banks are included in k3bc

## % Of Working Capital Purchased On Credit/Advances From Suppliers /Customers (k3f)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Purchases on credit from suppliers and advances from customers

### Interviewer instructions

Working capital refers to financing of short term production activities. Working capital is necessary for businesses to cover short term liquidity issues, such as purchases of inputs, covering wage bills, etc. It does not refer to larger investments, such as in machinery or equipment. Since investment financing is covered under question K.5, working capital can be understood as financing of all operations, excluding investment in fixed assets Working capital sources are likely to be diverse. It is important for the enumerator to make sure that the various sources do add up to 100%. Both domestic and foreign banks are included in k3bc

## % Of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc) (k3hd)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Other (moneylenders, friends, relatives, etc.)

### Interviewer instructions



## % Of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc) (k3hd)

File: nicaragua\_2016\_full\_data

Working capital refers to financing of short term production activities. Working capital is necessary for businesses to cover short term liquidity issues, such as purchases of inputs, covering wage bills, etc. It does not refer to larger investments, such as in machinery or equipment. Since investment financing is covered under question K.5, working capital can be understood as financing of all operations, excluding investment in fixed assets. Working capital sources are likely to be diverse. It is important for the enumerator to make sure that the various sources do add up to 100%. Both domestic and foreign banks are included in k3bc

## Did This Establishment Purchase Any Fixed Assets In Last Fiscal Yr? (k4)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment purchase any fixed assets, such as machinery, vehicles, equipment, land or buildings?

### Post question

If answer is No or Don't Know then GO TO QUESTION K.6

## Total Annual Expenditure For Purchases Of Equipment In Last Fiscal Yr (n5a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1160000000

Valid cases: 175  
Invalid: 158

### Literal question

In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of: Machinery, vehicles, and equipment (new or used)

### Post question

IF 0, GO TO QUESTION K.5

### Interviewer instructions

The category machinery, vehicles and equipment is the annual investment of anything used directly by this establishment to produce. Vehicles include transport and loading and unloading vehicles. It should include not only the purchase cost but also all other costs involved in the investment such as transport of the item and installation cost. Computer hardware should be considered under equipment. Land, buildings is the annual investment in land, buildings and structures used directly or indirectly by this establishment to produce goods and services. Included are expenditures for new and used structures (including those under construction at the end of last complete fiscal year), fixtures and equipment, additions, major alterations and improvements to existing facilities, and capitalized repairs.

## Any Of These Purchases Spent On Upgrading Existing Or Acquiring New Technology? (LACn5)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 159  
Invalid: 174

### Literal question

Were any of these purchases spent on upgrading existing machinery, vehicles, and equipment or acquiring new technology?

## Total Annual Expenditure For Purchases Of Land And Buildings In Last Fiscal Yr (n5b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-140000000

Valid cases: 175  
Invalid: 158

### Literal question

In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of:  
Land and buildings

### Interviewer instructions

The category machinery, vehicles and equipment is the annual investment of anything used directly by this establishment to produce. Vehicles include transport and loading and unloading vehicles. It should include not only the purchase cost but also all other costs involved in the investment such as transport of the item and installation cost. Computer hardware should be considered under equipment Land, buildings is the annual investment in land, buildings and structures used directly or indirectly by this establishment to produce goods and services. Included are expenditures for new and used structures (including those under construction at the end of last complete fiscal year), fixtures and equipment, additions, major alterations and improvements to existing facilities, and capitalized repairs.

## Last Fy, % Fixed Assets Funded By: Internal Funds/Retained Earnings (k5a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 174  
Invalid: 159

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Internal funds or retained earnings

### Interviewer instructions

Fixed assets include any indivisible purchase made by the establishment as described in K.4. Examples include machinery/equipment, land, buildings, building improvements, etc. The source of funds for these purchases may be diverse, so it is important for the enumerator to make sure that the various sources do add up to 100%.

## Last Fy, % Fixed Assets Funded By: Owners' Contributions Or Issued New Equity (k5i)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 174  
Invalid: 159

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Owners' contribution or issued new equity shares

### Interviewer instructions

Fixed assets include any indivisible purchase made by the establishment as described in K.4. Examples include machinery/equipment, land, buildings, building improvements, etc. The source of funds for these purchases may be diverse, so it is important for the enumerator to make sure that the various sources do add up to 100%.

## Last Fy, % Fixed Assets Funded By: Bank Borrowing (k5bc)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 174  
Invalid: 159

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Borrowed from banks (private and state-owned)

### Interviewer instructions

Fixed assets include any indivisible purchase made by the establishment as described in K.4. Examples include machinery/equipment, land, buildings, building improvements, etc. The source of funds for these purchases may be diverse, so it is important for the enumerator to make sure that the various sources do add up to 100%.

## Last Fy, % Fixed Assets Funded By: Non-Bank Financial Institutions (k5e)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-50

Valid cases: 174  
Invalid: 159

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Borrowed from non-bank financial institutions

### Interviewer instructions

Fixed assets include any indivisible purchase made by the establishment as described in K.4. Examples include machinery/equipment, land, buildings, building improvements, etc. The source of funds for these purchases may be diverse, so it is important for the enumerator to make sure that the various sources do add up to 100%.

## Last Fy, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers (k5f)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 174  
Invalid: 159

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Purchases on credit from suppliers and advances from customers

### Interviewer instructions

Fixed assets include any indivisible purchase made by the establishment as described in K.4. Examples include machinery/equipment, land, buildings, building improvements, etc. The source of funds for these purchases may be diverse, so it is important for the enumerator to make sure that the various sources do add up to 100%.

## Last Fy, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc) (k5hdj)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 174  
Invalid: 159

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Other (moneylenders, friends, relatives, bonds, etc)

### Interviewer instructions

Fixed assets include any indivisible purchase made by the establishment as described in K.4. Examples include machinery/equipment, land, buildings, building improvements, etc. The source of funds for these purchases may be diverse, so it is important for the enumerator to make sure that the various sources do add up to 100%.

## Purchase any new/used fixed assets? (k4b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year minus one], did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?

## Fixed Assets - Value Internal Funds Or Retained Earnings (k5a1)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 1  
Invalid: 332

#### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Internal funds or retained earnings

## Fixed Assets - Value Owners' Contribution Or Issued New Equity Shares (k5i1)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 1  
Invalid: 332

#### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Owners' contribution or issued new equity shares

## Fixed Assets - Value Borrowed From Banks (k5bc1)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 1  
Invalid: 332

#### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:  
Borrowed from banks: private and state-owned

## Fixed Assets - Value Borrowed From Non-Bank Financial Institutions (k5e1)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 1  
Invalid: 332

## Fixed Assets - Value Borrowed From Non-Bank Financial Institutions (k5e1)

File: nicaragua\_2016\_full\_data

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:

Borrowed from non-bank financial institutions

## Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers (k5f1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 1  
Invalid: 332

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:

Purchases on credit from suppliers and advances from customers

## Fixed Assets - Value Other (k5hdj1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9--9

Valid cases: 1  
Invalid: 332

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:

Other, moneylenders, friends, relatives, bonds, etc.

## Total annual expenditure for purchases of equipment in year prior to last FY (n5c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1064000000

Valid cases: 86  
Invalid: 247

### Literal question

In fiscal year [insert last complete fiscal year minus one], how much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment

## Total annual expenditure on land and buildings in year prior to last FY (n5d)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-14000000

Valid cases: 86  
Invalid: 247

### Literal question

In fiscal year [insert last complete fiscal year minus one], how much did this establishment spend on purchases of: Land and buildings, including expansion and renovations of existing structures

## Does This Establishment Have A Checking And\Or Saving Account? (k6)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Now let's talk about the establishment's current situation. At this time, does this establishment have a checking or savings account?

## At This Time, Does This Establishment Have An Overdraft Facility? (k7)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

At this time, does this establishment have an overdraft facility?

### Interviewer instructions

An overdraft facility is a flexible account that allows firms to draw upon in the event their account balance becomes negative. The firm will incur fees or are subject to interest payments if they exercise this option.

## Establishment Has A Line Of Credit Or Loan From A Financial Institution? (k8)

File: nicaragua\_2016\_full\_data

### Overview

## Establishment Has A Line Of Credit Or Loan From A Financial Institution? (k8)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

At this time, does this establishment have a line of credit or a loan from a financial institution?

### Post question

If answer is No or Don't Know then GO TO QUESTION K.16

### Interviewer instructions

A line of credit is an available amount of credit that the establishment can draw upon or leave untapped. Lines of credit usually carry monthly interest rates, and are repaid quickly (as soon as the establishment's cash flow allows for repayment). They may or may not have a defined date of expiration. A loan is generally a much less flexible form of finance. It comes in fixed amounts (rather than ranges), carry annual interest rates (either fixed or floating), and they carry a determined term to maturity (finite period for repayment). In case of more than one loan outstanding, consider the most recent acquired loan.

## Type Of Financial Institution That Granted The Line Of Credit Or Loan (k9)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 175  
Invalid: 158

### Pre question

SHOW CARD

### Literal question

Referring to the most recent line of credit or loan, what type of financial institution granted this loan?

## Year When The Most Recent Loan/Line Of Credit Approved (k10)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2016

Valid cases: 175  
Invalid: 158

### Literal question

Referring only to this most recent line of credit or loan, in what year was the most recent line of credit or loan approved?

### Post question

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR



## For The Most Recent Loan, What Was The Value At The Time Of Approval? (k11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-300000000

Valid cases: 175  
Invalid: 158

### Literal question

Referring only to this most recent loan or line of credit, what was its value at the time of approval?

### Interviewer instructions

Value of the loan. This question refers to the original loan value, as it was specified in the credit agreement. Thus, the respondent should answer according to what was specified in the loan contract, not what happened in practice (e.g. if they paid off the loan early or later than the term of the loan).

## Financing Required For The Most Recent Line Of Credit Or Loan (k13)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 175  
Invalid: 158

### Literal question

Referring only to this most recent loan or line of credit, did the financing require collateral?

### Post question

If answer is No or Don't Know then GO TO QUESTION K.16

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

## Type Of Collateral Required For The Most Recent Loan? Land, Buildings (k14a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 160  
Invalid: 173

### Pre question

INTERVIEWER: READ OUT

### Literal question

Referring only to this most recent loan or line of credit, what type of collateral was required?  
Land, buildings under ownership of the establishment

### Interviewer instructions

## Type Of Collateral Required For The Most Recent Loan? Land, Buildings (k14a)

File: nicaragua\_2016\_full\_data

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

## Type Of Collateral Required For The Most Recent Loan? Equipment (k14b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 160  
Invalid: 173

### Pre question

INTERVIEWER: READ OUT

### Literal question

Referring only to this most recent loan or line of credit, what type of collateral was required?  
Machinery and equipment including movables

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

## Type Of Collateral Required For The Most Recent Loan? Accounts (k14c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 160  
Invalid: 173

### Pre question

INTERVIEWER: READ OUT

### Literal question

Referring only to this most recent loan or line of credit, what type of collateral was required?  
Accounts receivable and inventories

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

## Type Of Collateral Required For The Most Recent Loan? Personal Assets (k14d)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 160  
Invalid: 173

### Pre question

INTERVIEWER: READ OUT

### Literal question

Referring only to this most recent loan or line of credit, what type of collateral was required?  
Personal assets of owner (house, etc.)

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

## Type Of Collateral Required For The Most Recent Loan? Other (k14e)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 160  
Invalid: 173

### Pre question

INTERVIEWER: READ OUT

### Literal question

Referring only to this most recent loan or line of credit, what type of collateral was required?  
Other forms of collateral not included in the categories above

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

## Value Of Collateral Required For The Most Recent Credit/Loan (k15a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-2800000000

Valid cases: 160  
Invalid: 173

### Literal question

Referring only to this most recent line of credit or loan, what was the approximate value of the collateral required?

### Interviewer instructions

## Value Of Collateral Required For The Most Recent Credit/Loan (k15a)

File: nicaragua\_2016\_full\_data

Value of collateral. This question asks for the value of the property used to secure the loan. If the value of the collateral pledged is greater than the value of the loan amount, the answer can be greater than the loan amount.

## Total Number Of Outstanding Loans/Lines Of Credit Held By This Establishment (k15b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-13

Valid cases: 175  
Invalid: 158

### Literal question

What is the total number of open lines of credit or outstanding loans held by this establishment?

## Total Value Of Outstanding Loans/Lines Of Credit Held By This Establishment (Lcu (k15c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-1800000000000

Valid cases: 174  
Invalid: 159

### Literal question

What is the total value of open lines of credit or outstanding loans held by this establishment?

## Outstanding Personal Loans Used To Finance Establishment'S Business Activities? (k15d)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

At this time, does the owner or owners of this establishment have any outstanding personal loans that are used to finance this establishment's business activities?

## In Last Fiscal Yr, Did Establishment Apply For New Loans/Lines Of Credit? (k16)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Referring again to the last fiscal year [insert last complete fiscal year], did this establishment apply for any loans or lines of credit?

### Post question

If answer is Yes or Don't Know then GO TO QUESTION K.21

## Main Reason For Not Applying For New Loans Or New Lines Of Credit (k17)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-7

Valid cases: 224  
Invalid: 109

### Pre question

SHOW CARD

### Literal question

What was the main reason why this establishment did not apply for any line of credit or loan?

## What was the outcome of that most recent application for loan/line of credit? (k20a1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 104  
Invalid: 229

### Literal question

Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?

## For Most Recent Application, What Was The Main Obstacle? (LACK20)

File: nicaragua\_2016\_full\_data

### Overview

## For Most Recent Application, What Was The Main Obstacle? (LACK20)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-8

Valid cases: 104  
Invalid: 229

### Literal question

At the time of this most recent application for a line of credit or loan, please indicate which, if any, of the following was the main obstacle?

## Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr? (k21)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment have its annual financial statements checked and certified by an external auditor?

## How Much Of An Obstacle: Access To Finance (k30)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Is access to finance, which includes availability and cost, interest rates, fees and collateral requirements, No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4). Sensitive question, no clarification can be offered

## The Court System Is Fair, Impartial And Uncorrupted (h7a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

## The Court System Is Fair, Impartial And Uncorrupted (h7a)

### File: nicaragua\_2016\_full\_data

#### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: The following questions assess how establishments, such as this one, deal with government officials and their agencies.

#### Literal question

I am going to read some statements that describe the courts system and how it could affect business. For each statement, please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

"The court system is fair, impartial and uncorrupted."

#### Interviewer instructions

Sensitive question, no clarification can be offered

## What % Of Senior Management Time Was Spent In Dealing With Govt Regulations? (j2)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 333  
Invalid: 0

#### Literal question

In a typical week over the last year, what percentage of total senior management's time was spent on dealing with requirements imposed by government regulations? [By senior management I mean managers, directors, and officers above direct supervisors of production or sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms]

#### Interviewer instructions

Percent of total senior management's time. The question asks senior managers to estimate what percentage of their time they spend dealing with government regulations, inspections, negotiations and other bureaucratic burden in a TYPICAL week. It should not include time spent negotiating procurement contracts with the government - only time dealing with red tape and bureaucracy.

## Over The Last 12 Months, Was This Establishment Inspected By Tax Officials? (j3)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

#### Literal question

Over the last year, was this establishment visited or inspected by tax officials?

#### Post question

If answer is No or Don't Know then GO TO QUESTION J.6a

## Frequency Of Inspections/Requirement For Meeting By Tax Officials (j4)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-30

Valid cases: 238  
Invalid: 95

### Literal question

Over the last year, how many times was this establishment either inspected by tax officials or required to meet with them?

## In Any Of These Inspections Was A Gift/Informal Payment Requested ? (j5)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 238  
Invalid: 95

### Literal question

In any of these inspections or meetings was a gift or informal payment expected or requested?

### Interviewer instructions

Sensitive question, no clarification can be offered

## Government Contract Secured (Or Attempted) In The Last 12 Months? (j6a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last year, has this establishment secured or attempted to secure a government contract?

### Post question

If answer is No or Don't Know then GO TO QUESTION J.7

### Interviewer instructions

Percent of the contract value. The question is designed to get at the size of the unaudited or unreported payment that is made to a government official that directly aided in granting a government contract, in part or in whole, or expanded the size of the contract to include the establishment's business. Again, notice the wording (phrasing) of the question: it asks for the respondent to answer for the "typical" establishment, rather than the establishment being interviewed.



## % Of Contract Value Avg. Firm Pays In Informal Gifts To Govt To Secure Contract? (j6)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-99

Valid cases: 82  
Invalid: 251

### Literal question

When establishments like this one do business with the government, what percent of the contract value would be typically paid in informal payments or gifts to secure the contract?

### Interviewer instructions

Sensitive question, no clarification can be offered

## Percent Of Total Annual Sales Paid In Informal Payments (j7a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-20

Valid cases: 322  
Invalid: 11

### Literal question

It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percentage of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose?

Percentage of total annual sales paid as informal payment

### Interviewer instructions

Size of informal payments/gifts Informal payments are payments made to government officials that are unaudited and unreported. They are generally given to an official with the expectation that a service will be performed (such as granting a business license), a violation overlooked (such as violation of health regulation), or because the official threatens the business. Notice the wording (phrasing) of the question: it asks for the respondent to answer for establishments "like this one" rather than the establishment being interviewed.

Sensitive question, no clarification can be offered

## Total Annual Informal Payment (j7b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-290000

Valid cases: 11  
Invalid: 322

### Literal question

It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percentage of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose?

Total annual informal payment

### Interviewer instructions

## Total Annual Informal Payment (j7b)

File: nicaragua\_2016\_full\_data

Size of informal payments/gifts Informal payments are payments made to government officials that are unaudited and unreported. They are generally given to an official with the expectation that a service will be performed (such as granting a business license), a violation overlooked (such as violation of health regulation), or because the official threatens the business. Notice the wording (phrasing) of the question: it asks for the respondent to answer for establishments "like this one" rather than the establishment being interviewed.

Sensitive question, no clarification can be offered

## Application To Obtain An Import License Submitted Over The Last 2 Years? (j10)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, did this establishment submit an application to obtain an import license?

### Post question

If answer is No or Don't Know then GO TO QUESTION J.13

## How Many Days Did It Take To Obtain Your Import License? (j11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-4380

Valid cases: 69  
Invalid: 264

### Literal question

Approximately how many days did it take to obtain this import license from the day of the application to the day it was granted?

## When You Applied For An Import License, Was An Informal Gift/Payment Requested? (j12)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 69  
Invalid: 264

### Literal question

In reference to that application for an import license, was an informal gift or payment expected or requested?

### Interviewer instructions

Sensitive question, no clarification can be offered

## Application To Obtain An Operating License Submitted Over Last 2 Years? (j13)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, did this establishment submit an application to obtain an operating license?

### Post question

If answer is No or Don't Know then GO TO QUESTION J.30

## How Many Days Did It Take To Obtain Your Operating License? (j14)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-365

Valid cases: 181  
Invalid: 152

### Literal question

Approximately how many days did it take to obtain this operating license from the day of the application to the day it was granted?

### Interviewer instructions

Wait for operating license. Self-explanatory-Includes renewals of operating licenses

## When You Applied For Operating License Was An Informal Gift/Payment Requested? (j15)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 181  
Invalid: 152

### Literal question

In reference to that application for an operating license, was an informal gift or payment expected or requested?

### Interviewer instructions

Sensitive question, no clarification can be offered

## Over Last 2 Yrs, Submitted An Application For A Municipal Permit? (LACj15)

File: nicaragua\_2016\_full\_data

## Over Last 2 Yrs, Submitted An Application For A Municipal Permit? (LACj15)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, did this establishment submit an application to obtain a municipal permit?

## How Many Days Did It Take To Obtain Municipal Permit? (LACj16)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-120

Valid cases: 167  
Invalid: 166

### Literal question

Approximately how many days did it take to obtain this municipal permit from the day of the application to the day it was granted?

## In Ref To Munic. Permit Application, Informal Gift/Payment Expected Or Requested? (LACj17)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 167  
Invalid: 166

### Literal question

In reference to that application for municipal permit, was an informal gift or payment expected or requested?

## Over Last 2 Yrs, Submitted An Application For A Environmental Permit? (LACj18)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, did this establishment submit an application to obtain an environmental permit?

## How Many Days Did It Take To Obtain Environmental Permit? (LACj19)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-270

Valid cases: 107  
Invalid: 226

### Literal question

Approximately how many days did it take to obtain this environmental permit from the day of the application to the day it was granted?

## On Environ. Permit, Informal Gift/Payment Expected Or Requested? (LACj20)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 107  
Invalid: 226

### Literal question

In reference to that application for environmental permit, was an informal gift or payment expected or requested?

## Last 2 Yrs, Any Law Directly Affecting Establishment<sup>™</sup> S Industry Been Enacted? (LACj21)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, has any law directly affecting this establishment's industry been enacted?

## Referring To These Laws, Was Establishment Or Firm Consulted? (LACj22)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 46  
Invalid: 287

### Literal question

## Referring To These Laws, Was Establishment Or Firm Consulted? (LACj22)

File: nicaragua\_2016\_full\_data

In reference to these laws, was this establishment or firm involved in a consultation process?

## Involved In Any Organized Effort To Influence Creation/Implementation? (LACj23)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 46  
Invalid: 287

### Literal question

Was this establishment or firm involved in any organized effort to influence the creation or implementation of these laws?

## Please Indicate The Main Means Through Which This Effort Was Organized: (LACj24)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 8  
Invalid: 325

### Literal question

Please indicate the main means through which this effort was organized:

### Interviewer instructions

INTERVIEWER: ONLY ONE ANSWER ALLOWED SHOW CARD 21

## How Much Of An Obstacle: Tax Rates (j30a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Pre question

ROTATE OPTIONS

### Literal question

As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment.

Tax rates

### Interviewer instructions

## How Much Of An Obstacle: Tax Rates (j30a)

File: nicaragua\_2016\_full\_data

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Tax Administrations (j30b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Pre question

ROTATE OPTIONS

### Literal question

As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment.

Tax administration

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Business Licensing And Permits (j30c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Pre question

ROTATE OPTIONS

### Literal question

As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment.

Business licensing and permits

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Political Instability (j30e)

File: nicaragua\_2016\_full\_data

### Overview

## How Much Of An Obstacle: Political Instability (j30e)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Pre question

ROTATE OPTIONS

### Literal question

As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment.

Political instability

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Corruption (j30f)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Pre question

ROTATE OPTIONS

### Literal question

As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment.

Corruption

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Courts (h30)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Pre question

ROTATE OPTIONS

### Literal question

As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment.

Courts

### Interviewer instructions



## How Much Of An Obstacle: Courts (h30)

File: nicaragua\_2016\_full\_data

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## Num. Permanent, Full-Time Employees At End Of Last Fiscal Year (l1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1700

Valid cases: 333  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: Now I would like to ask you a few questions about this establishment's labor force.

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers. INTERVIEWER: include interviewee if applicable.

### Interviewer instructions

Number of permanent, full-time employees last complete fiscal year are defined as all paid employees that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract and that work up to 8 or more hours per day. All employees and managers (including respondent) should be counted.

## Num. Permanent, Full-Time Employees At End Of 3 Fiscal Years Ago (l2)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1700

Valid cases: 333  
Invalid: 0

### Literal question

Three fiscal years ago, at the end of fiscal year 2007, how many permanent, full-time individuals work in this establishment? Please include all employees and managers (INTERVIEWER: include interviewee if applicable).

## Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers (l3a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1340

Valid cases: 110  
Invalid: 223

### Pre question

## Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers (l3a)

File: nicaragua\_2016\_full\_data

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals were:  
Production workers

### Interviewer instructions

Number of permanent, full-time production workers are workers (up through the line supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Employees above the working-supervisor level are excluded from this category. Number of permanent, full-time non-production workers are those workers not engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Managers and other supervisory personnel with responsibilities for the performance of shop floor supervisors and below are included. Do not include shop floor supervisors. Employees in sales (including driver-salespersons), sales delivery (highway truck drivers and their helpers), janitorial and guard services, advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.) are included. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations utilized as a separate work force. Professional, and technical employees are included in this category.

## Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers (l3b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-750

Valid cases: 110  
Invalid: 223

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals were:  
Non-production workers [e.g., managers, administration, sales]

### Interviewer instructions

Number of permanent, full-time production workers are workers (up through the line supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Employees above the working-supervisor level are excluded from this category. Number of permanent, full-time non-production workers are those workers not engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Managers and other supervisory personnel with responsibilities for the performance of shop floor supervisors and below are included. Do not include shop floor supervisors. Employees in sales (including driver-salespersons), sales delivery (highway truck drivers and their helpers), janitorial and guard services, advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.) are included. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations utilized as a separate work force. Professional, and technical employees are included in this category.

Num. of permanent, full-time highly skilled production workers, last FY (l4a1)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-850

Valid cases: 110  
Invalid: 223

Num. of permanent, full-time semi skilled production workers, last FY (l4a2)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-585

Valid cases: 110  
Invalid: 223

Num. of permanent, full-time unskilled production workers, last FY (l4b)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-226

Valid cases: 110  
Invalid: 223

#### Pre question

INTERVIEWER: READ EACH CATEGORY

#### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals were:  
Unskilled production workers

#### Interviewer instructions

Numbers of different types of permanent, full-time skilled production workers are workers (up through the line supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Employees above the working-supervisor level are excluded from this item. Also, these workers are skilled in that they have some special knowledge or (usually acquired) ability in their work. A skilled worker may have attended a college, university or technical school. Or, a skilled worker may have learned his skills on the job. Unskilled production workers are workers (up through the line supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Employees above the working-supervisor level are excluded from this item. Also, these workers are unskilled in that it is not required that they have special training, education, or skill to perform their job.

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female Production Workers (l5a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-502

Valid cases: 110  
Invalid: 223

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent full-time individuals working in this establishment in the following categories were female?  
Female permanent full-time production workers

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female Non-Production Workers (l5b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-375

Valid cases: 110  
Invalid: 223

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent full-time individuals working in this establishment in the following categories were female?  
Female permanent full-time non-production workers

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female (l5)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-500

Valid cases: 223  
Invalid: 110

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent full-time individuals were female?

## Num. Full-Time Temporary Employees At End Of Last Fiscal Yr (l6)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-6001

Valid cases: 333  
Invalid: 0

### Literal question

## Num. Full-Time Temporary Employees At End Of Last Fiscal Yr (l6)

### File: nicaragua\_2016\_full\_data

How many full-time temporary employees did this establishment employ in fiscal year [insert last complete fiscal year]?

#### Post question

IF 0, GO TO QUESTION L.9a

#### Interviewer instructions

Full-time temporary or seasonal employees are defined as all paid short-term (i.e. for less than a fiscal year) employees with no guarantee of renewal of employment contract) and work 40 hours or more per week for the term of their contract.

## Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr (l6a)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-872

Valid cases: 136  
Invalid: 197

#### Literal question

How many full-time seasonal or temporary employees employed during [insert last complete fiscal year] were female?

## Avg. Length Of Employment Of All Full-Time Temporary Employees In Last Fiscal Yr (l8)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-12

Valid cases: 136  
Invalid: 197

#### Literal question

What was the average length of employment of all full-time temporary employees throughout fiscal year [insert last complete fiscal year]?

#### Interviewer instructions

Average length of employment of all full-time temporary or seasonal employees refers to the number of months that the worker was contracted for work that occupied employees for 40 hours or more per week. If average full-time temporary or seasonal employment was for less than one month, enumerator should write 1.

## % Of Full Time Workers Completed High School (l9b)

File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 252  
Invalid: 81

#### Literal question

What is the percentage of full time permanent workers who completed secondary school?

## Number Of Full-Time Permanent Workers Completed Secondary School? (l9b\_c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-52

Valid cases: 81  
Invalid: 252

### Literal question

What is the percentage of full-time permanent workers who completed secondary school?  
Number

## Share Of Full-Time Permanent Workers Who Completed University Or A Higher Degree (LACl9)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 226  
Invalid: 107

### Literal question

What is the percentage of full-time permanent workers who completed university or a higher degree?  
Percent

## Number Of Full-Time Perm. Workers Completed University Or A Higher Degree? (LACl9\_c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 107  
Invalid: 226

### Literal question

What is the percentage of full-time permanent workers who completed university or a higher degree?  
Number

## Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr (l10)

File: nicaragua\_2016\_full\_data

### Overview

## Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr (l10)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-2

Valid cases: 333  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], did this establishment have formal training programs for its permanent, full-time employees?

### Post question

If answer is No then GO TO QUESTION LAC.L18  
If answer is Don't Know then GO TO QUESTION LAC.L19

### Interviewer instructions

Formal training that has a structured and defined curriculum. Formal training may include classroom work, seminars, lectures, workshops, and audio-visual presentations and demonstrations. This does not include training to familiarize employees with equipment and machinery on the shop floor, training aimed at familiarizing employees with the establishment's standard operation procedures, or employee orientation at the beginning of an employee's tenure. In-house training may be conducted by other non-supervisory employees of the establishment, the establishment's supervisors or managers, or the establishments training centers.

## Over Fiscal Year 2015, Please Indicate Which Type Of Training Was Offered (LACl11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-3

Valid cases: 213  
Invalid: 120

### Literal question

Over fiscal year [insert last complete fiscal year], please indicate which type of training was offered by this establishment.

## Please Indicate With Which Institution This External Training Was Conducted (SLVl11)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 0  
Invalid: 333

## % Permanent Full-Time Production Employees Received Formal Training In Last Ffy (l11a)

File: nicaragua\_2016\_full\_data

### Overview

## % Permanent Full-Time Production Employees Received Formal Training In Last Ffy (l11a)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 42  
Invalid: 291

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training?

Production full-time permanent employees trained  
Percent

## Training Programs Amount: Production Full-Time Permanent Employees Trained (l11a1)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-400

Valid cases: 15  
Invalid: 318

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training?

Production full-time permanent employees trained  
Number

## % Permanent Fulltime Nonproduction Employees Received Formal Training In Last Fy (l11b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-100

Valid cases: 42  
Invalid: 291

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training?

Non-production full-time permanent employees trained  
Percent

## Training Programs Amount:Non-Production Full-Time Permanent Employees Trained (l11b1)

File: nicaragua\_2016\_full\_data

### Overview



## Training Programs Amount:Non-Production Full-Time Permanent Employees Trained (l11b1)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-31

Valid cases: 15  
Invalid: 318

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training?

Non-production full-time permanent employees trained  
Number

## Degree Of Diff. To Employees With: Interpersonal/Communication Skills (LACl12a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Interpersonal and communication skills

## Degree Of Diff. To Employees With: Work Ethic/Commitment (LACl12b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Work ethic and commitment

## Degree Of Diff. To Employees With: Writing Skills (LACl12c)

File: nicaragua\_2016\_full\_data

### Overview

## Degree Of Diff. To Employees With: Writing Skills (LACl12c)

### File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Writing skills

## Degree Of Diff. To Employees With: English Language Skills (LACl12d)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

English language skills

## Degree Of Diff. To Employees With: Computer/General It Skills (LACl12e)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Computer skills or general IT skill

## Degree Of Diff. To Employees With: Tech. Skills (Other Than Computers) (LACl12f)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

## Degree Of Diff. To Employees With: Tech. Skills (Other Than Computers) (LACl12f)

File: nicaragua\_2016\_full\_data

### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Technical skills, other than computers, vocational, or job-specific skills

## Coming Year, Expect To: Increase/Decrease/Maintain Num Perm Employees (LACl13)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-3

Valid cases: 333  
Invalid: 0

### Literal question

Referring to the external training programs partially or fully funded by the government, can you please estimate how many hours were spent on average during the last fiscal year [insert last complete fiscal year]?

## Change In Number Of Perm Employees Over Coming Yr. (LACl14)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1100

Valid cases: 177  
Invalid: 156

### Literal question

Please indicate the change in the number of permanent, full-time employees over the coming year:

## How Much Of An Obstacle: Labor Regulations? (l30a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Are labor regulations No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).

Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Inadequately Educated Workforce? (l30b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-4

Valid cases: 333  
Invalid: 0

### Literal question

Is an inadequately educated workforce No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## Biggest Obstacle Affecting The Operation Of This Establishment (m1a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-15

Valid cases: 333  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment

### Interviewer instructions

The manager should be given a card with the different alternatives for "degree of obstacle" (from 0 to 4).  
Sensitive question, no clarification can be offered

## Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year (n2a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-923200000

Valid cases: 333  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: Now we would like to ask you a few questions about the financial results of this establishment.

It is important that this information be as accurate as possible. The data are treated as confidential - the identity of your establishment will not be revealed at any point. Please provide the following information from the financial statements of this establishment.

SHOW CARD

READ OUT

## Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year (n2a)

File: nicaragua\_2016\_full\_data

### Literal question

For fiscal year [insert last complete fiscal year], please provide the following information about this establishment:  
Total annual cost of labor including wages, salaries, bonuses, social security payments

### Interviewer instructions

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance). Raw materials and intermediate goods: (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements. Finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold. This is usually an item directly taken from the financial statements. Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment. Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, forklifts, or other motor vehicles associated with the establishment. Other costs of production not included above: (M) this should be computed as total costs of production minus the items included above.

## Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year (n2e)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1852387568

Valid cases: 110  
Invalid: 223

### Pre question

SHOW CARD  
READ OUT

### Literal question

For fiscal year [insert last complete fiscal year], please provide the following information about this establishment:  
Total annual cost of raw materials and intermediate goods used in production

### Interviewer instructions

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance). Raw materials and intermediate goods: (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements. Finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold. This is usually an item directly taken from the financial statements. Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment. Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, forklifts, or other motor vehicles associated with the establishment. Other costs of production not included above: (M) this should be computed as total costs of production minus the items included above.

## Total Annual Costs Of Electricity In Last Fiscal Year (n2b)

File: nicaragua\_2016\_full\_data

### Overview

## Total Annual Costs Of Electricity In Last Fiscal Year (n2b)

### File: nicaragua\_2016\_full\_data

Type: Discrete  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -9-112320000

Valid cases: 333  
 Invalid: 0

#### Pre question

SHOW CARD  
 READ OUT

#### Literal question

For fiscal year [insert last complete fiscal year], please provide the following information about this establishment:  
 Total annual costs of electricity

#### Interviewer instructions

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance). Raw materials and intermediate goods: (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements. Finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold. This is usually an item directly taken from the financial statements. Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment. Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, forklifts, or other motor vehicles associated with the establishment. Other costs of production not included above: (M) this should be computed as total costs of production minus the items included above.

## Total Annual Cost Of Finished Goods/Materials Bought To Resell In Last Fiscal Yr (n2i)

### File: nicaragua\_2016\_full\_data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: -9-1497599999

Valid cases: 82  
 Invalid: 251

#### Pre question

SHOW CARD  
 READ OUT

#### Literal question

For fiscal year [insert last complete fiscal year], please provide the following information about this establishment:  
 Total annual cost of finished goods and materials purchased to resell

#### Interviewer instructions

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance). Raw materials and intermediate goods: (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements. Finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold. This is usually an item directly taken from the financial statements. Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment. Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, forklifts, or other motor vehicles associated with the establishment. Other costs of production not included above: (M) this should be computed as total costs of production minus the items included above.

## Total Cost Of Sales in Last FY (n2p)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-3952000000

Valid cases: 110  
Invalid: 223

## Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year (n6a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-10523545985

Valid cases: 110  
Invalid: 223

### Literal question

At the end of fiscal year [insert last complete fiscal year], what was the net book value, that is the value of assets after depreciation, of the following:  
Machinery, vehicles, and equipment

### Interviewer instructions

Net book value equals the purchase value minus depreciation. The net book value represents the actual cost of assets at the time they were acquired, including all costs incurred in making the assets usable (such as transportation and installation) minus depreciation accumulated since the date of purchase. Included in the assets are all buildings, structures, machinery, and equipment (production, office, and transportation equipment) for which depreciation reserves are maintained. Accordingly, the value of assets at the end of the year includes the value of construction in progress.

## Cost For Establishment To Re-Purchase All Of Its Machinery (n7a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-7523688554

Valid cases: 110  
Invalid: 223

### Literal question

Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost?  
Machinery, vehicles, and equipment

### Interviewer instructions

This question is designed to ascertain the market value of the establishment's capital. Data on equipment is the most important. You can ask the manager to estimate the market value if all of the equipment, land and buildings were sold on the open market. If the respondent states that there is no market, ask how much the respondent would be willing to pay for the capital, knowing what it can produce in its current condition. Estimate how much it would cost to buy machinery in the current market which is similar in terms of age and characteristics. This estimate is to give an indication of the capital intensity of the firm. Keep in mind that it is one of the most important questions on the questionnaire.

## Main Respondent Position In The Firm (a15a1ax)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 57

Valid cases: 333

## Main Respondent Years Working In The Firm: (a15a2a)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-70

Valid cases: 333  
Invalid: 0  
Minimum: 1  
Maximum: 70

## Main Respondent'S Gender (a15a3)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 333  
Invalid: 0

## Second Respondent Position In The Firm (a15a1bx)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 24

Valid cases: 41

## Second Respondent Years Working In The Firm: (a15a2b)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-30

Valid cases: 41  
Invalid: 292  
Minimum: 1  
Maximum: 30

## Second Respondent'S Gender (a15b3)

File: nicaragua\_2016\_full\_data

### Overview



## Second Respondent'S Gender (a15b3)

File: nicaragua\_2016\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-2

Valid cases: 41  
Invalid: 292

## Third Respondent Position In The Firm (a15a1cx)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 23

Valid cases: 6

## Third Respondent Years Working In The Firm: (a15a2c)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 3-13

Valid cases: 6  
Invalid: 327

## Third Respondent'S Gender (a15c3)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-2

Valid cases: 6  
Invalid: 327

## Day (a15d)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-31

Valid cases: 333  
Invalid: 0  
Minimum: 1  
Maximum: 31

### Literal question

Time face-to-face interview ends:

## Month (a15m)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-12

Valid cases: 333  
Invalid: 0

### Literal question

Time face-to-face interview ends:

## Year (a15y)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2016-2017

Valid cases: 333  
Invalid: 0

### Literal question

Time face-to-face interview ends:

## Hour (a15h)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 7-18

Valid cases: 333  
Invalid: 0

### Literal question

Time face-to-face interview ends:

## Minutes (a15min)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-59

Valid cases: 333  
Invalid: 0  
Minimum: 0  
Maximum: 59

### Literal question

Time face-to-face interview ends:

## Perception Of The Questions Regarding Opinions And Perceptions (a16)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 333  
Invalid: 0

## Responses To The Questions About Figures Are€ (a17)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

Valid cases: 333  
Invalid: 0

### Pre question

INTERVIEWERS PLEASE ANSWER AT END OF THE INTERVIEW:

### Literal question

The responses to the questions regarding figures (productivity and employment numbers):

## This Questionnaire Was Completed In: (a18)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 333  
Invalid: 0

### Pre question

SUPERVISORS PLEASE ANSWER:

### Literal question

This questionnaire was completed in:

## If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours (a19h)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-1

Valid cases: 69  
Invalid: 264

### Pre question

SUPERVISORS PLEASE ANSWER:

## If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours (a19h)

File: nicaragua\_2016\_full\_data

### Literal question

If option 2 or 3 in A.18, estimate duration of the whole interview

## If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes (a19m)

File: nicaragua\_2016\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-56

Valid cases: 69  
Invalid: 264  
Minimum: 0  
Maximum: 56

### Pre question

SUPERVISORS PLEASE ANSWER:

### Literal question

If option 2 or 3 in A.18, estimate duration of the whole interview

## stratificationregioncode (stratificationregioncode)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-2

Valid cases: 333  
Invalid: 0

## stratificationsizecode (stratificationsizecode)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-4

Valid cases: 333  
Invalid: 0

## stratificationsectorcode (stratificationsectorcode)

File: nicaragua\_2016\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 333  
Invalid: 0

## panelcode (stratificationpanelcode)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-1

Valid cases: 333  
 Invalid: 0

## Weight according to strict eligibility (wstrict)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 1-108.159172058105

Valid cases: 333  
 Invalid: 0  
 Minimum: 1  
 Maximum: 108.2

## Weight according to median eligibility (wmedian)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 1-347.824523925781

Valid cases: 333  
 Invalid: 0  
 Minimum: 1  
 Maximum: 347.8

## Weight according to weak eligibility (wweak)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 1-540.026733398438

Valid cases: 333  
 Invalid: 0  
 Minimum: 1  
 Maximum: 540

## see notes (strata)

File: nicaragua\_2016\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-34

Valid cases: 333  
 Invalid: 0  
 Minimum: 1  
 Maximum: 34

# Related Materials

## Questionnaires

### Manufacturing Module Questionnaire

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Title        Manufacturing Module Questionnaire  
 Language English  
 Filename Nicaragua 2016 ES Questionnaire Manufacturing.pdf

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### Services Module Questionnaire

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Title        Services Module Questionnaire  
 Language English  
 Filename Nicaragua 2016 ES Questionnaire Services.pdf

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## Reports

### Nicaragua Country Profile 2016

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Title        Nicaragua Country Profile 2016  
 Language English  
 Filename <https://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Nicaragua-2016.pdf>

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## Technical documents

### Description of Nicaragua ES 2016 Implementation

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Title        Description of Nicaragua ES 2016 Implementation  
 Language English  
 Filename Nicaragua 2016 ES Implementation Report.pdf

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