

# Myanmar - Enterprise Survey 2014-2016, Panel Data

**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 as follows: the universe was stratified into manufacturing, retail and other services industries - Manufacturing (ISIC Rev. 3.1 code 15- 37), Retail (ISIC code 52), and Other Services (ISIC codes 45, 50, 51, 55, 60-64, and 72).

Size stratification was defined as follows: small (5 to 19 employees), medium (20 to 99 employees), and large (100 or more employees).

The regional stratification was done across five regions: Yangon, Mandalay, Bago, Taunggyi, and Monywa.

In 2016 ES, the sample frame consisted of listings of firms from two sources: For panel firms the list of 632 firms from the Myanmar 2014 ES was used. For fresh firms (i.e., firms not covered in 2014), a listing of firms was generated through block enumeration i.e., the contractor physically created a list of establishments in the five regions covered in the survey, from which samples were then drawn.

In 2014 ES, in consultation with the contractor, the World Bank decided to undertake block enumeration, i.e. the contractor would physically create a list of establishments from which to sample from. In total, the contractor enumerated 8,130 eligible establishments for the survey fieldwork; the block enumeration elicited firms for both the Enterprise Survey and the Microenterprise Survey (a total of 6,595 registered businesses), as well as the Informal Survey (1,535 unregistered businesses). The businesses were classified as formal (registered) enterprises if they were registered with either 1) DICA, 2) Directorate of Industrial Supervision and Inspection of the Ministry of Industry, or 3) City Development Committees or Department of Development Affairs.

## 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.

## Weighting

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For some units it was impossible to determine eligibility because the contact was not successfully completed. Consequently, different assumptions as to their eligibility result in different universe cells' adjustments and in different sampling weights. Three sets of assumptions were considered:

- a- Strict assumption: eligible establishments are only those for which it was possible to directly determine eligibility.
- b- 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. Median weights are used for computing indicators on the [www.enterprisesurveys.org](http://www.enterprisesurveys.org) website.
- c- Weak assumption: in addition to the establishments included in points a and b, all establishments for which it was not possible to finalize a contact are assumed eligible. This includes 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. Note that under the weak assumption only observed non-eligible units are excluded from universe projections.

Weights are representative of the universe for the year that the firm was interviewed. They are not panel weights.

# Questionnaires

No content available

## Data Collection

### Data Collection Dates

Start	End	Cycle
2014-02	2014-04	2014 ES
2016-10	2017-04	2016 ES

### 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 Enterprise 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 or director of each establishment. In some cases, when the phone numbers were unavailable in the sample frame, the enumerators applied the screeners in person.

Myanmar Survey Research was the main contractor that implemented Myanmar 2016 ES.

For 2016 ES, the firms interviewed had several fiscal years. The largest concentration of firms had January 2015 to December 2015 as their last complete fiscal year. Variables a20m (ending month of last complete fiscal year) and a20y (last complete fiscal year) can be used to obtain the last complete fiscal year for each firm. For questions pertaining to monetary amounts, the unit is the Burmese Kyat used.

SRG Bangladesh Limited, and Myanmar Marketing Research & Development Ltd (MMRD) implemented Myanmar 2014 ES.

### Data Collectors

Name	Abbreviation	Affiliation
SRG Bangladesh Limited; Myanmar Marketing Research & Development Ltd.		Data collection in 2014
Myanmar Survey Research		Data collection in 2016

# 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

## Myanmar\_2014\_2016

Content	Panel data for Myanmar ES 2014-2016
Cases	1239
Variable(s)	389
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V3323	idstd	WEB STD FIRMID	contin	numeric	
V3324	panelid	ID that is the same across the waves for panel firms	discrete	numeric	
V3325	year	Year of survey	discrete	numeric	
V3326	panel	Panel: Firm interviewed in these years	discrete	numeric	
V3327	eligibility2016	Eligibility of 2014 firm in 2016	discrete	character	
V3328	a4a	Industry Sampling Sector	discrete	numeric	
V3329	a6a	Sampling Size	discrete	numeric	
V3330	a2	Sampling Region	discrete	numeric	
V3331	a3b	Official Capital City?	discrete	numeric	Is this city the official capital city?
V3332	a3c	Main Business City?	discrete	numeric	Is this city the main business city?
V3333	a3	Size Of Locality	discrete	numeric	
V3334	a13	Supervisor Number	contin	numeric	Supervisor code
V3335	a4b	Industry Screener Sector	discrete	numeric	
V3336	a0	Questionnaire	discrete	numeric	
V3337	a3a	Region Of The Establishment	discrete	numeric	
V3338	a6b	Screener Size	discrete	numeric	
V3339	a14d	Day	contin	numeric	Date face-to-face interview begins: Day (dd)
V3340	a14m	Month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V3341	a14y	Year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)
V3342	a14h	Hour	discrete	numeric	Time face-to-face interview begins: Hour (00 to 23)
V3343	a14min	Minutes	contin	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V3344	a1	Country Code	discrete	numeric	
V3345	a12	Interviewer Number	contin	numeric	Interviewer code
V3346	a1a	Language Of The Interview	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3347	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V3348	a7a	Number Of Establishments In The Firm	discrete	numeric	
V3349	a11	If Hq, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	If HQ, are financial statements independent from the rest of establishments?
V3350	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	discrete	numeric	Are establishment's financial statements prepared separately from HQ's statements?
V3351	b1	Legal Status Of The Firm	discrete	numeric	What is this firm's current legal status?
V3352	b1x	Other (SpeciFY)	discrete	character	What is this firm's current legal status? Other
V3353	b3	What Percentage Of This Firm Does The Largest Owner(S) Own?	discrete	numeric	What percent of this firm does the largest owner or owners own?
V3354	b2a	% Owned By Private Domestic Individuals, Companies Or Organizations	discrete	numeric	What percent of this firm is owned by each of the following: Private domestic individuals, companies or organizations
V3355	b2b	% Owned By Private Foreign Individuals, Companies Or Organizations	discrete	numeric	What percent of this firm is owned by each of the following: Private foreign individuals, companies or organizations
V3356	b2c	% Owned By Government/State	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V3357	b2d	% Owned By Other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V3358	MYAb1	What is the highest level of education completed by the principal owner of this	discrete	numeric	
V3359	b4	Amongst The Owners Of The Firm, Are There Any Females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V3360	b4a	% Of The Firm Owned By Females	discrete	numeric	What percentage of the firm is owned by females?
V3361	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V3362	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
V3363	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V3364	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V3365	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?
V3366	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V3367	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V3368	b8x	SpeciFY The Internationally-Recognized Quality Certifications	discrete	character	Please specify the internationally-recognized quality certifications

ID	Name	Label	Type	Format	Question
V3369	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?
V3370	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?
V3371	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?
V3372	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?
V3373	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?
V3374	c8a	Average Duration Of Power Outages {Hours; Minutes}	discrete	numeric	How long did these power outages last on average?
V3375	c8b	How Long Did These Power Outages Last On Average?	discrete	numeric	How long did these power outages last on average?
V3376	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. Loss as percent of total annual sales due to power outages
V3377	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. Annual losses due to power outages
V3378	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?
V3379	c11	% Electricity From Generator Owned/Shared By The Establishment In Last Fiscal Yr	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's electricity came from a generator or generators that the establishment owned or shared?
V3380	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?
V3381	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?
V3382	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?
V3383	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?

ID	Name	Label	Type	Format	Question
V3384	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?
V3385	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?
V3386	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?
V3387	c22b	Establishment Has Its Own Website	discrete	numeric	At the present time, does this establishment use its own website?
V3388	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?
V3389	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?
V3390	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 (in LCU)?
V3391	d1a2	Main Product/Service ISIC (Rev. 3.1) Code	contin	numeric	Using this card, please choose the 4-digit code that best applies to the main product of this establishment.
V3392	d1a3	Main Product/Service: Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V3393	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?
V3394	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?
V3395	n3	What Were The Establishment Sales 3 Years Ago	discrete	numeric	In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?
V3396	d3a	% Of Sales: National Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's sales were: National sales
V3397	d3b	% O Sales: Indirect Exports	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's sales were: Indirect exports (sold domestically to third party that exports products)
V3398	d3c	% Of Sales: Direct Exports	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's sales were: Direct exports

ID	Name	Label	Type	Format	Question
V3399	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?
V3400	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 percent of the consignment value of the products exported directly was lost while in transit because of theft?
V3401	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 percent of the consignment value of the products exported directly was lost while in transit because of breakage or spoilage?
V3402	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?
V3403	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 percent of the consignment value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?
V3404	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 percent of the consignment value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?
V3405	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 of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were: Material inputs or supplies of domestic origin
V3406	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 of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were: Material inputs or supplies of foreign origin
V3407	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?
V3408	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?
V3409	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?

ID	Name	Label	Type	Format	Question
V3410	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?
V3411	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?
V3412	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?
V3413	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?
V3414	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V3415	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?
V3416	h1	New Products/Services Introduced Over Last 3 Yrs	discrete	numeric	In the last three years, has this establishment introduced new products or services?
V3417	h2	New Products/Services Also New For Thr Establishment'S Main Market	discrete	numeric	Was the new product or service also new for the establishment's main market?
V3418	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 organizational structures or management practices?
V3419	h8	During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?	discrete	numeric	During the last three years, did this establishment give employees some time to develop or try out a new approach or new idea about products or services, business process, firm management, or marketing?
V3420	h9	How Much Spent On R&D, Either In-House Or External?	discrete	numeric	
V3421	f1	In Last FY, What Was The Capacity Utilization (%) Of This Establishment?	discrete	numeric	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 facilities available (capacity utilization)?
V3422	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?
V3423	g6a	Percentage Of The Building Occupied: Owned By This Establishment	discrete	numeric	Of the buildings occupied by this establishment, what percent is owned and what percent is rented or leased? Owned by this establishment



ID	Name	Label	Type	Format	Question
V3424	g6b	Percentage Of The Building Occupied: Leased Or Rented By This Establishment	discrete	numeric	Of the buildings occupied by this establishment, what percent is owned and what percent is rented or leased? Rented or leased by this establishment
V3425	g6c	Percentage Of The Building Occupied: Other	discrete	numeric	Of the buildings occupied by this establishment, what percent is owned and what percent is rented or leased? Other
V3426	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
V3427	g1b	Percentage Of The Land Occupied: Rented Or Leased By This Establishment	discrete	numeric	Of the land occupied by this establishment, what percent is: Rented or Leased by this establishment
V3428	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other
V3429	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?
V3430	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?
V3431	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?
V3432	g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V3433	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment?
V3434	g5bx	SpeciFY Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment?
V3435	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?
V3436	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?
V3437	i2a	Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Percent of total annual sales for security
V3438	i2b	In Last Fiscal Year, What Is The Total Annual Cost Of Security?	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent 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

ID	Name	Label	Type	Format	Question
V3439	i3	Losses Due To Theft, Robbery, Vandalism Or Arson Experienced In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of theft, robbery, vandalism or arson?
V3440	i4a	Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (% Of Sales)	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Losses as percent of total annual sales
V3441	i4b	Value Of Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism or arson 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
V3442	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?
V3443	k1c	In Last FY, % Of Material Inputs Or Services Paid For After Delivery	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for after delivery?
V3444	k2c	In Last FY, % Of Total Annual Sales Paid For After Delivery	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's total annual sales of its goods or services were: Paid for after delivery?
V3445	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
V3446	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)
V3447	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.)
V3448	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
V3449	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
V3450	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?
V3451	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)
V3452	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
V3453	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
V3454	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)
V3455	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
V3456	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
V3457	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
V3458	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, commercial papers etc)

ID	Name	Label	Type	Format	Question
V3459	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?
V3460	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V3461	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?
V3462	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?
V3463	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?
V3464	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?
V3465	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?
V3466	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
V3467	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
V3468	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
V3469	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.)
V3470	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
V3471	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?
V3472	k15b	Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis	discrete	numeric	What is the total number of outstanding loans or lines of credit held by this establishment?
V3473	k15c	Total Outstanding Balance of All Open Lines of Credit and Loans Held By This Est	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?
V3474	k15d	Outstanding Personal Loans Used To Finance Establishment'S Business Activities?	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?

ID	Name	Label	Type	Format	Question
V3475	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?
V3476	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?
V3477	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?
V3478	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?
V3479	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?
V3480	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."
V3481	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/sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms]
V3482	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?
V3483	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?
V3484	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?
V3485	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?
V3486	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?

ID	Name	Label	Type	Format	Question
V3487	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 percent 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? Percent of total annual sales paid as informal payment
V3488	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 percent 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
V3489	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?
V3490	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?
V3491	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?
V3492	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?
V3493	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?
V3494	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?
V3495	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
V3496	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

ID	Name	Label	Type	Format	Question
V3497	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
V3498	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
V3499	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
V3500	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
V3501	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 employees did this establishment employ? Please include all employees and managers
V3502	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 [insert three complete fiscal years ago], how many permanent, full-time employees did this establishment employ? Please include all employees and managers
V3503	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 employees were: Production workers
V3504	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 employees were: Non-production workers [e.g., managers, administration, sales]
V3505	MYAl4c	Unskilled production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Unskilled production workers
V3506	l5	Female permanent full-time workers	discrete	numeric	At the end of fiscal year 2012/2013 (FY), how many permanent full-time employees of this establishment for the following categories were female?



ID	Name	Label	Type	Format	Question
V3507	I5a	Female permanent full-time production workers	discrete	numeric	At the end of fiscal year 2012/2013 (FY), how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time production employees
V3508	I5b	Female permanent full-time non-production workers	discrete	numeric	At the end of fiscal year 2012/2013 (FY), how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time non-production employees
V3509	I6	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]?
V3510	I6a	Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr	discrete	numeric	How many full-time temporary employees did this establishment employ throughout year [insert last complete fiscal year]? Female full-time seasonal or temporary workers employed last fiscal year
V3511	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 in fiscal year [insert last complete fiscal year]?
V3512	I9b	% Of Full Time Workers Completed High School	discrete	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V3513	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?
V3514	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 percent of permanent, full-time employees of the following categories received formal training? Production full-time permanent employees trained
V3515	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 percent of permanent, full-time employees of the following categories received formal training? Non-production full-time permanent employees trained
V3516	MYAI17	Over the last two years, did this establishment try to hire any managers or seni	discrete	numeric	Over the last two years, did this establishment try to hire any managers or senior-level professionals?
V3517	MYAI18a	There were no or few applicants	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional? There were no or few applicants
V3518	MYAI18b	Applicants lacked required job-specific skills	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional? Applicants lacked required skills



ID	Name	Label	Type	Format	Question
V3519	MYAI18d	Applicants expected higher wages than the establishment can offer	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional? Applicants did not like the working conditions
V3520	MYAI18e	Applicants did not like the working conditions	discrete	numeric	Did the establishment encounter any other problems when trying to hire a manager or senior-level professional?
V3521	MYAI24	Over the last two years, did this establishment try to hire any technicians, ass	discrete	numeric	Over the last two years, did this establishment try to hire any (non-production) technicians, associate professionals, or sales workers?
V3522	MYAI25a	There were no or few applicants	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers? There were no or few applicants
V3523	MYAI25b	Applicants lacked required job-specific skills	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers? Applicants lacked required skills
V3524	MYAI25d	Applicants expected higher wages than the establishment can offer	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers? Applicants did not like the working conditions
V3525	MYAI25e	Applicants did not like the working conditions	discrete	numeric	Did the establishment encounter any other problems when trying to hire non-production technicians, associate professionals, and sales workers?
V3526	MYAI32	Over the last two years, did this establishment try to hire any unskilled produc	discrete	numeric	Over the last two years, did this establishment try to hire any unskilled production workers?
V3527	MYAI33a	There were no or few applicants	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled production workers? There were no or few applicants
V3528	MYAI33b	Applicants lacked required job-specific skills	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled production workers? Applicants lacked required job-specific skills
V3529	MYAI33d	Applicants expected higher wages than the establishment can offer	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled production workers? Applicants expected higher wages than the establishment can offer
V3530	MYAI33e	Applicants did not like the working conditions	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled production workers? Applicants did not like the working conditions
V3531	MYAI38	Over the last two years, did this establishment try to hire any highly skilled o	discrete	numeric	Over the last two years, did this establishment try to hire any highly skilled or semi-skilled production workers?

ID	Name	Label	Type	Format	Question
V3532	MYAI39a	There were no or few applicants	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire skilled production workers? There were no or few applicants
V3533	MYAI39b	Applicants lacked required job-specific skills	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire skilled production workers? Applicants lacked required skills
V3534	MYAI39d	Applicants expected higher wages than the establishment can offer	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire skilled production workers? Applicants did not like the working conditions
V3535	MYAI39e	Applicants did not like the working conditions	discrete	numeric	Did the establishment encounter any other problems when trying to hire skilled production workers?
V3536	MYAI32s	Over the last two years, did this establishment try to hire any unskilled worker	discrete	numeric	Over the last two years, did this establishment try to hire any unskilled workers?
V3537	MYAI33as	There were no or few applicants	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled workers? There were no or few applicants
V3538	MYAI33bs	Applicants lacked required job-specific skills	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled workers? Applicants lacked required job-specific skills
V3539	MYAI33ds	Applicants expected higher wages than the establishment can offer	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled workers? Applicants expected higher wages than the establishment can offer
V3540	MYAI33es	Applicants did not like the working conditions	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled workers? Applicants did not like the working conditions
V3541	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?
V3542	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?
V3543	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
V3544	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total annual cost of labor (including wages, salaries, bonuses, social security payments)

ID	Name	Label	Type	Format	Question
V3545	n2e	Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total annual cost of raw materials and intermediate goods used in production
V3546	n2b	Total Annual Costs Of Electricity In Last Fiscal Year	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total annual costs of electricity
V3547	n2i	Total Annual Cost Of Finished Goods/Materials Bought To Resell In Last Fiscal Yr	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total annual cost of finished goods/materials bought to resell
V3548	n2p	Total Cost Of Sales In Last FY	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total cost of sales (cost of production)
V3549	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
V3550	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
V3551	a15a2a	Main Respondent Years Working In The Firm:	discrete	numeric	
V3552	a15a3	Main Respondent's Gender	discrete	numeric	
V3553	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	
V3554	a15b3	Second Respondent's Gender	discrete	numeric	
V3555	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	
V3556	a15c3	Third Respondent's Gender	discrete	numeric	
V3557	a15d	Day	contin	numeric	Time face-to-face interview ends
V3558	a15m	Month	discrete	numeric	Time face-to-face interview ends
V3559	a15y	Year	discrete	numeric	Time face-to-face interview ends
V3560	a15h	Hour	discrete	numeric	Time face-to-face interview ends
V3561	a15min	Minutes	contin	numeric	Time face-to-face interview ends
V3562	a16	Perception Of The Questions Regarding Opinions And Perceptions	discrete	numeric	It is my perception that the responses to the questions regarding opinions and perceptions:
V3563	a17	Responses To The Questions About Figures Are€	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V3564	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:

ID	Name	Label	Type	Format	Question
V3565	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	discrete	numeric	
V3566	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	contin	numeric	
V3567	wstrict	Weight according to strict eligibility	contin	numeric	
V3568	wmedian	Weight according to median eligibility	contin	numeric	
V3569	wweak	Weight according to weak eligibility	contin	numeric	
V3570	a7b	Is This Establishment The Headquarters Location?	discrete	numeric	
V3571	a7c	Does This Headquarters Location Engage In Production Or Sales At This Location?	discrete	numeric	
V3572	MYAb7	How did the top manager come to run this establishment?	discrete	numeric	
V3573	a20m	Close month of the last completed fiscal year	discrete	numeric	
V3574	a20d	Close day of the last completed fiscal year	contin	numeric	
V3575	a20y	Close year of the last completed fiscal year	discrete	numeric	
V3576	d1a1a	Establishment'S Main Product/Service Last Fiscal Yr	discrete	numeric	
V3577	MYAd1	How orders for this establishment's main product changed in last 6 months?	discrete	numeric	Compared to six months ago, have orders for this establishment's main product increased, decreased, or remained the same?
V3578	MYAd2	How purchased material inputs/supplies for main product changed in last 6 months	discrete	numeric	Compared to six months ago, considering the purchased material inputs and supplies for this establishment's main product, have the inventory levels increased, decreased, or remained the same?
V3579	MYAd3	Which of the following is reason for the (lack of) change in inventory levels?	discrete	numeric	Which of the following is reason for the (lack of) change in inventory levels?
V3580	MYAd4	How production of main product changed in last 6 months?	discrete	numeric	Compared to six months ago, for this establishment main product, has production increased, decreased, or remained the same?
V3581	MYAd5a	Increased by how much?	discrete	numeric	Compared to six months ago, for this establishment main product, has production increased, decreased, or remained the same? Increased by how much?
V3582	MYAd5b	Decreased by how much?	discrete	numeric	Compared to six months ago, for this establishment main product, has production increased, decreased, or remained the same? Decreased by how much?
V3583	MYAd6	Which of the following is reason for the (lack of) change in production levels?	discrete	numeric	Which of the following is reason for the (lack of) change in production levels?

ID	Name	Label	Type	Format	Question
V3584	MYAd4r	How main product sales changed in last 6 months?	discrete	numeric	Compared to six months ago, for this establishment's main product(s), have sales increased, decreased, or remained the same?
V3585	MYAd5ra	Which of the following is reason for the (lack of) change in production levels?	discrete	numeric	
V3586	MYAd5rb	How inventory and stock accumulation of finished goods changed in last 6 months?	discrete	numeric	
V3587	MYAd6r	Which of the following is reason for the (lack of) change in sales levels?	discrete	numeric	Which of the following is reason for the (lack of) change in sales levels?
V3588	MYAd7	How main product sales price changed in last 6 months?	discrete	numeric	Compared to six months ago, for this establishment's main product, has the sales price increased, decreased, or remained the same?
V3589	MYAd8a	Increased by how much?	discrete	numeric	Compared to six months ago, for this establishment's main product, has the sales price increased, decreased, or remained the same? Increased by how much?
V3590	MYAd8b	Decreased by how much?	discrete	numeric	Compared to six months ago, for this establishment's main product, has the sales price increased, decreased, or remained the same? Decreased by how much?
V3591	d5a	In Clearing Exports Through Customs, Informal Gift/Payment Expected Or Requested?	discrete	numeric	
V3592	d15a	In Clearing Imports Through Customs, Informal Gift/Payment Expected Or Requested?	discrete	numeric	
V3593	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.
V3594	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.
V3595	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.
V3596	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.

ID	Name	Label	Type	Format	Question
V3597	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
V3598	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
V3599	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
V3600	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
V3601	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
V3602	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.
V3603	k4b	Purchase Any New/Used Fixed Assets?	discrete	numeric	In [insert last complete fiscal year], 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?
V3604	n5c	Total Annual Expenditure For Purchases Of Equipment In Year Prior To Last FY	discrete	numeric	In [insert last complete fiscal year], how much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment
V3605	n5d	Total Annual Expenditure On Land And Buildings In Year Prior To Last FY	discrete	numeric	In [insert last complete fiscal year], how much did this establishment spend on purchases of: Land and buildings
V3606	MYAj6	Do you feel businesses in your sector will benefit from the New Investment Law?	discrete	numeric	Do you feel businesses in your sector will benefit from the New Investment Law that is currently being drafted in Parliament?
V3607	MYAj7	What is the principal reason you feel this new law will be beneficial?	discrete	numeric	What is the principal reason you feel this new law will be beneficial?

ID	Name	Label	Type	Format	Question
V3608	MYAI12	How overall employment changed in last 6 months?	discrete	numeric	Compared to six months ago, has overall employment for this establishment increased, decreased, or remained the same?
V3609	MYAI13a	Increased by how much?	discrete	numeric	Compared to six months ago, has overall employment for this establishment increased, decreased, or remained the same? Increased by how much?
V3610	MYAI13b	Decreased by how much?	discrete	numeric	Compared to six months ago, has overall employment for this establishment increased, decreased, or remained the same? Decreased by how much?
V3611	MYAI14	Which of the following is reason for the (lack of) change in employment levels?	discrete	numeric	Which of the following is reason for the (lack of) change in employment levels?
V3612	MYAI4a	Highly skilled production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Highly skilled production workers
V3613	MYAI4b	Semi-skilled production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Semi-skilled production workers
V3614	MYAI4d	Highly skilled non-production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Highly skilled non-production workers
V3615	MYAI4e	Semi-skilled non-production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Semi-skilled non-production workers
V3616	MYAI4f	Unskilled non-production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Unskilled non-production workers
V3617	MYAI5a	Female highly skilled or semi-skilled production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories? Female highly skilled or semi-skilled production workers
V3618	MYAI5b	Female unskilled production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories? Female unskilled production workers
V3619	MYAI5c	Female highly skilled or semi-skilled non-production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories? Female highly skilled or semi-skilled non-production workers



ID	Name	Label	Type	Format	Question
V3620	MYAI5d	Female unskilled non-production workers	discrete	numeric	At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories? Female unskilled non-production workers
V3621	MYAI6a	Highly skilled production workers	discrete	numeric	In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category? Highly skilled production workers
V3622	MYAI6b	Semi-skilled production workers	discrete	numeric	In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category? Semi-skilled production workers
V3623	MYAI6c	Unskilled production workers	discrete	numeric	In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category? Unskilled production workers
V3624	MYAI6d	Highly skilled non-production workers	discrete	numeric	In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category? Highly skilled non-production workers
V3625	MYAI6e	Semi-skilled non-production workers	discrete	numeric	In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category? Semi-skilled non-production workers
V3626	MYAI6f	Unskilled non-production workers	discrete	numeric	In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category? Unskilled non-production workers
V3627	I11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	discrete	numeric	
V3628	I11b1	Training Programs Amount: Non-Production Full-Time Permanent Employees Trained	discrete	numeric	
V3629	MYAI18c	Applicants lacked required personal skills or behaviors	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional? Applicants expected higher wages than the establishment can offer
V3630	MYAI25c	Applicants lacked required personal skills or behaviors	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers? Applicants expected higher wages than the establishment can offer



ID	Name	Label	Type	Format	Question
V3631	MYAI33c	Applicants lacked required personal skills or behaviors	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled production workers? Applicants lacked required personal skills or behaviors
V3632	MYAI39c	Applicants lacked required personal skills or behaviors	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire skilled production workers? Applicants expected higher wages than the establishment can offer
V3633	MYAI33cs	Applicants lacked required personal skills or behaviors	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled workers? Applicants lacked required personal skills or behaviors
V3634	MYAI40a	Managerial and leadership skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Work ethic and commitment
V3635	MYAI40b	Interpersonal and communication skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Interpersonal and communication skills
V3636	MYAI40c	Writing skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Writing skills
V3637	MYAI40d	Reading skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Reading skills
V3638	MYAI40e	Problem solving skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Problem solving skills
V3639	MYAI40f	Critical thinking skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Critical thinking skills
V3640	MYAI40g	Work ethic and commitment	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Work ethic and commitment
V3641	MYAI40h	Foreign language skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Foreign language skills

ID	Name	Label	Type	Format	Question
V3642	MYAI40i	Computer skills or general IT skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Computer skills or general IT skills
V3643	MYAI40j	Technical skills other than computers or vocational, job-specific skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Technical skills other than computers or vocational, job-specific skills
V3644	MYAI40k	Numeracy skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? Numeracy skills
V3645	MYAn8	Replacement cost of capital equipment	discrete	numeric	Consider this establishment's most recently introduced capital equipment, hypothetically, if this establishment were to purchase it in its current condition, and regardless of whether the establishment owns it or not, how much would it cost?
V3646	MYAn9	In which year was this capital equipment introduced?	discrete	numeric	In which year was this capital equipment introduced?
V3647	MYAn10	What type of company manufactured the most recently introduced capital equipment	discrete	numeric	What type of company manufactured the most recently introduced capital equipment?
V3648	MYAn11	Was this capital equipment specifically developed and/or customized to your esta	discrete	numeric	Was this capital equipment specifically developed and/or customized to your establishment's needs?
V3649	a15a1ax	Main Respondent Position In The Firm	discrete	character	
V3650	a15a1bx	Second Respondent Position In The Firm	discrete	character	
V3651	a15a1cx	Third Respondent Position In The Firm	discrete	character	
V3652	stratificationregioncode	stratification region code	discrete	numeric	
V3653	stratificationsizecode	stratification size code	discrete	numeric	
V3654	stratificationsectorcode	stratification sector code	discrete	numeric	
V3655	stratificationpanelcode	panel code	discrete	numeric	
V3656	strata	see notes	contin	numeric	
V3657	a5	Sector match between screener information	discrete	numeric	Sector match between screener information and sample frame
V3658	a8	Type of establishment	discrete	numeric	Type of establishment
V3659	a10	Establishment's financial statements of the same firm	discrete	numeric	Are establishment's financial statements prepared separately from other establishments of the same firm?
V3660	V338	The biggest transportation obstacle by road	discrete	numeric	

ID	Name	Label	Type	Format	Question
V3661	d16	Days of inventory of most important input	discrete	numeric	At the present time, when this establishment receives delivery of its most important input, on average, how many days of inventory, measured in days of production, does this establishment keep?
V3662	d17	Days of inventory of most important input	discrete	numeric	At the present time, when this establishment receives its main sales item, on average, how many days of inventory measured in days of sales, does this establishment keep?
V3663	h3	Establishment introduced new or significantly improved methods	discrete	numeric	In the last three years, has this establishment introduced any new or significantly improved methods of manufacturing products or offering services?
V3664	h4a	Establishment introduced new or significantly improved logistics, delivery	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved logistics, delivery, or distribution methods for inputs, products, or services?
V3665	h4b	Establishment introduced new operations for purchasing, accounting	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved supporting activities for your processes, such as maintenance systems or operations for purchasing, accounting, or computing?
V3666	V344	Establishment introduced new improved organizational structures	discrete	numeric	
V3667	h6	Establishment introduced new improved marketing methods	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved marketing methods?
V3668	MYAj3	Investment is beneficial to businesses in sector	discrete	numeric	Sometimes foreign companies invest directly in Burmese firms. Do you think this investment is beneficial to businesses in your sector?
V3669	MYAj4	Reason feel that foreign investment is beneficial	discrete	numeric	What is the principal reason you feel this foreign investment is beneficial?
V3670	MYAj5	Reason feel that foreign investment is not beneficial	discrete	numeric	What is the principal reason you feel this foreign investment is not beneficial?
V3671	l4a	Skilled production workers	discrete	numeric	At the end of fiscal year 2012/2013 (FY), how many permanent, full-time employees were: Skilled production workers
V3672	MYA16	Managers and senior-level professionals	discrete	numeric	At the end of 2012/2013 (FY), how many permanent, full-time individuals in this establishment were: Managers and senior-level professionals
V3673	MYA17	Technicians, associate professionals, and sales	discrete	numeric	At the end of 2012/2013 (FY), how many permanent, full-time individuals in this establishment were: Technicians, associate professionals, and sales
V3674	MYA18	Unskilled workers	discrete	numeric	At the end of 2012/2013 (FY), how many permanent, full-time individuals in this establishment were: Unskilled workers

ID	Name	Label	Type	Format	Question
V3675	MYAI9	Skilled production workers	discrete	numeric	Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were: Skilled production workers
V3676	MYAI10	Unskilled production workers	discrete	numeric	Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were: Unskilled production workers
V3677	MYAI11	Managers and senior-level professionals	discrete	numeric	Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were: Managers and senior-level professionals
V3678	V356	Technicians, associate professionals, and sales	discrete	numeric	
V3679	MYAI13	Unskilled workers	discrete	numeric	Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were: Unskilled workers
V3680	I9a	Average number of years of education of typical production worker	discrete	numeric	What is the average number of years of education of a typical permanent full-time production worker employed in this establishment? Average number of years of education of typical production worker
V3681	I9a2	Average number of years of education of typical female production worker	discrete	numeric	What is the average number of years of education of a typical permanent full-time production worker employed in this establishment? Average number of years of education of typical female production worker
V3682	V360	Primary focus of the formal training programs	discrete	numeric	
V3683	MYAI15	Primary provider of these training programs	discrete	numeric	Regardless of who paid, who was the primary provider of these training programs?
V3684	MYAI16	The main reason for the lack of training programs	discrete	numeric	Please indicate the main reason for the lack of training programs?
V3685	MYAI22	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional? Other
V3686	MYAI23x	Other	discrete	character	Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional? Other (specify)
V3687	MYAI29	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a (non-production) technician, associate professional, or sales worker? Other
V3688	MYAI30x	Other	discrete	character	Did the establishment encounter any of the following problems when trying to hire a (non-production) technician, associate professional, or sales worker? Other (specify)

ID	Name	Label	Type	Format	Question
V3689	MYAI36	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a (non-production) unskilled worker? Other
V3690	MYAI37x	Other	discrete	character	Did the establishment encounter any of the following problems when trying to hire a (non-production) unskilled worker? Other (specify)
V3691	MYAI43	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled production worker? Other
V3692	MYAI44x	Other	discrete	character	Did the establishment encounter any of the following problems when trying to hire a skilled production worker? Other (specify)
V3693	MYAI50	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire an unskilled production worker? Other
V3694	MYAI51x	Other	discrete	character	Did the establishment encounter any of the following problems when trying to hire an unskilled production worker? Other (specify)
V3695	MYAI52	Skilled production workers	discrete	numeric	One year from now, how many permanent, full-time individuals do you expect to have in the following categories Skilled production workers
V3696	MYAI53	Unskilled production workers	discrete	numeric	One year from now, how many permanent, full-time individuals do you expect to have in the following categories Unskilled production workers
V3697	MYAI54	Managers and senior-level professionals	discrete	numeric	One year from now, how many permanent, full-time individuals do you expect to have in the following categories Managers and senior-level professionals
V3698	MYAI55	Technicians, associate professionals, and sales	discrete	numeric	One year from now, how many permanent, full-time individuals do you expect to have in the following categories Technicians, associate professionals, and sales
V3699	MYAI56	Unskilled workers	discrete	numeric	One year from now, how many permanent, full-time individuals do you expect to have in the following categories Unskilled workers
V3700	MYAI57	The educational system does not produce enough people with the level of skills n	discrete	numeric	I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. The educational system does not produce enough people with the level of skills needed by employers
V3701	MYAI58	The educational system does not produce enough people with the kinds of skills n	discrete	numeric	I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. The educational system does not produce enough people with the kinds of skills needed by employers

ID	Name	Label	Type	Format	Question
V3702	MYAI59	The educational system does not produce enough people with up to date knowledge	discrete	numeric	I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. The educational system does not produce enough people with up to date knowledge of methods, materials, and technology
V3703	MYAI60	The educational system does not produce enough people with good job attitude and	discrete	numeric	I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. The educational system does not produce enough people with good job attitude and self-discipline
V3704	m1d	Rotation	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. Rotation
V3705	n2f	Total annual costs of fuel	discrete	numeric	From this establishment's Income Statement for fiscal year 2012/2013 (FY), please provide the following information: Total annual costs of fuel
V3706	n6b	Land and buildings	discrete	numeric	At the end of fiscal year 2012/2013 (FY), what was the net book value, that is the value of assets after depreciation, of the following: Land and buildings
V3707	n7b	Land and buildings	discrete	numeric	Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost? Land and buildings
V3708	V386	Sampling panel information from final progress report	discrete	numeric	
V3709	V387	group(a2 a4anew a6a)	discrete	numeric	
V3710	id2014	ID number of 2014 survey	discrete	numeric	
V3711	id2016	ID number of 2016 survey	contin	numeric	



## WEB STD FIRMID (idstd)

### File: Myanmar\_2014\_2016

#### Overview

Type: Continuous	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 6	Minimum: 548195
Decimals: 0	Maximum: 611776
Range: 548195-611776	

## ID that is the same across the waves for panel firms (panelid)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: -9-611776	

## Year of survey (year)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 2014-2016	

## Panel: Firm interviewed in these years (panel)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

## Eligibility of 2014 firm in 2016 (eligibility2016)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete	Valid cases: 632
Format: character	
Width: 127	

## Industry Sampling Sector (a4a)

### File: Myanmar\_2014\_2016



## Industry Sampling Sector (a4a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Classification of the establishment's activity as defined in the sample frame

## Sampling Size (a6a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment taken from the sample frame

## Sampling Region (a2)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Sampling region defines the region stratum of the establishment  
It is defined by the regional classification of the establishment in the sample frame

## Official Capital City? (a3b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

## Official Capital City? (a3b)

File: Myanmar\_2014\_2016

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Is this city the official capital city?

## Main Business City? (a3c)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Is this city the main business city?

## Size Of Locality (a3)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-5

Valid cases: 1239  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Location control variable: it is defined by the actual location of the establishment

## Supervisor Number (a13)

File: Myanmar\_2014\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-25

Valid cases: 1239  
Invalid: 0  
Minimum: 1  
Maximum: 25

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Supervisor code

### Interviewer instructions

Information taken from the screener questionnaire

## Industry Screener Sector (a4b)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Classification of the establishment's activity as defined by the screener questionnaire

## Questionnaire (a0)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Questionnaire used in the interview. It is defined according to the screener sector of activity of the establishment

## Region Of The Establishment (a3a)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Codification of a3x into regions of homogeneous regulation and or business environment conditions, for ex. into regional clusters

## Screener Size (a6b)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

## Screeners Size (a6b)

File: Myanmar\_2014\_2016

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment as determined with the screener questionnaire

## Day (a14d)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0  
Minimum: 1  
Maximum: 31

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Date face-to-face interview begins:  
Day (dd)

### Interviewer instructions

Self-explanatory

## Month (a14m)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Date face-to-face interview begins:  
Month (mm)

### Interviewer instructions

Self-explanatory

## Year (a14y)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2014-2017

Valid cases: 1239  
Invalid: 0

### Literal question

## Year (a14y)

File: Myanmar\_2014\_2016

Date face-to-face interview begins:

Year (yyyy)

## Hour (a14h)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 8-21

Valid cases: 1239  
 Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

Time face-to-face interview begins:  
 Hour (00 to 23)

**Interviewer instructions**

Self-explanatory

## Minutes (a14min)

File: Myanmar\_2014\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-59

Valid cases: 1239  
 Invalid: 0  
 Minimum: 0  
 Maximum: 59

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

Time face-to-face interview begins:  
 Minutes (00 to 59)

**Interviewer instructions**

Self-explanatory

## Country Code (a1)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 152-152

Valid cases: 1239  
 Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Interviewer instructions**

## Country Code (a1)

File: Myanmar\_2014\_2016

Country: self-explanatory

## Interviewer Number (a12)

File: Myanmar\_2014\_2016

**Overview**

Type: Continuous	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 25
Range: 1-25	

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

Interviewer code

**Interviewer instructions**

Information taken from the screener questionnaire

## Language Of The Interview (a1a)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

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

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Interviewer instructions**

Identifies establishments that are part of a larger firm

## Number Of Establishments In The Firm (a7a)

File: Myanmar\_2014\_2016

## Number Of Establishments In The Firm (a7a)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 789  
Invalid: 450

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

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

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-2

Valid cases: 745  
Invalid: 494

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

If HQ, are financial statements independent from the rest of establishments?

#### Interviewer instructions

Information taken from the screener questionnaire

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

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-2

Valid cases: 676  
Invalid: 563

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

Are establishment's financial statements prepared separately from HQ's statements?

#### Interviewer instructions

Information taken from the screener questionnaire

## Legal Status Of The Firm (b1)

### File: Myanmar\_2014\_2016

#### Overview

## Legal Status Of The Firm (b1)

### File: Myanmar\_2014\_2016

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

Valid cases: 1239  
Invalid: 0

#### Pre question

1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING. The goal of this survey is to gather information and opinions about the investment climate in this country. Ultimately, the information gathered here will help 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.

Cooperatives and state owned firms should be designated as Other. When other is chosen, the actual form of legal status must be specified in writing by the enumerator on the survey instrument.

## Other (SpeciFY) (b1x)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0



## Other (SpeciFY) (b1x)

### File: Myanmar\_2014\_2016

#### Literal question

What is this firm's current legal status?

Other

#### 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.

Cooperatives and state owned firms should be designated as Other. When other is chosen, the actual form of legal status must be specified in writing by the enumerator on the survey instrument.

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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Literal question

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

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

### File: Myanmar\_2014\_2016

#### Overview

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

File: Myanmar\_2014\_2016

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

1) 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 owners 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

1) 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 owners 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % Owned By Government/State (b2c)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Post question

IF 100% TERMINATE

### Interviewer instructions

1) 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 owners 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % Owned By Other (b2d)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

1) 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 owners 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

What is the highest level of education completed by the principal owner of this (MYAb1)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

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

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Literal question

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

% Of The Firm Owned By Females (b4a)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 330  
Invalid: 909

#### Literal question

What percentage of the firm is owned by females?

Year Establishment Began Operations (b5)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
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

## Year Establishment Began Operations (b5)

File: Myanmar\_2014\_2016

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.

If the establishment changed its production significantly to change sector classification, then the year when that took place should be provided.

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3500

Valid cases: 1239  
Invalid: 0

### Literal question

How many full-time employees did this establishment employ when it started operations? Please include all employees and managers

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

Was this establishment formally registered when it began operations?

### Interviewer instructions

Registering refer to registration with the national registry (public or private).  
If and only if the respondent asks what formal registration means explain that it's when the establishment registered with: XXXXXXX "Ministry or department"

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

File: Myanmar\_2014\_2016

### Overview

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

### File: Myanmar\_2014\_2016

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

Valid cases: 1239  
Invalid: 0

#### Literal question

In what year was this establishment formally registered?

#### Post question

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR.

#### 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: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Literal question

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

#### Interviewer instructions

Top Manager as defined in B.7a. B.7 refers to years of Top Manager's managerial experience in the type of sector in which the establishment presently operates.

## Is The Top Manager Female? (b7a)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Literal question

Is the Top Manager female?

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

### File: Myanmar\_2014\_2016

#### Overview

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

File: Myanmar\_2014\_2016

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

Valid cases: 1239  
Invalid: 0

### Literal question

Does this establishment have an internationally-recognized quality certification?

### Post question

INTERVIEWER: If there is need for clarification, some examples are: ISO 9000, 9002 or 14000

### 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: character  
Width: 47

Valid cases: 48

### Literal question

Please specify the internationally-recognized quality certifications

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING. Now, we turn to the establishment's operations in fiscal year 2012/2013 (FY).

### 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

Application for electrical connection.

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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-720

Valid cases: 112  
Invalid: 1127

### 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?

### Interviewer instructions

Wait for electrical connection. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 112  
Invalid: 1127

### Literal question

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

### Interviewer instructions

- 1) Bribe for electrical connection. Self-explanatory
- 2) Sensitive question, no clarification can be offered

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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 GO TO QUESTION C.10

### Interviewer instructions

A power outage occurs when there is equipment malfunction from the failure of adequate supply of power. Blackouts 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-120

Valid cases: 1169  
Invalid: 70

### 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 in a typical month, excluding both the months in which outages are most frequent and the months where outages are most infrequent. The concept of a 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1030  
Invalid: 209

### Literal question

How long did these power outages last on average?

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1029  
Invalid: 210

### Literal question

How long did these power outages last on average?

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

File: Myanmar\_2014\_2016

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-75

Valid cases: 792  
Invalid: 447

### Literal question

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

Loss as percent of total annual sales due to power outages

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH c9a or c9b

### Interviewer instructions

Losses because of power outages: 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-540000000

Valid cases: 377  
Invalid: 862

### Literal question

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

Annual losses due to power outages

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH c9a or c9b

### Interviewer instructions

Losses because of power outages: 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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

### Interviewer instructions

Establishment owns or shares a generator. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 939  
Invalid: 300

### Literal question

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

### Interviewer instructions

Percentage of electricity from own or shared generator. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

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

### Post question

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

### Interviewer instructions

Application for water connection. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 39  
Invalid: 1200

### 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?

### Interviewer instructions

Wait for water connection. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 39  
Invalid: 1200

### Literal question

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

### Interviewer instructions

- 1) Bribe for water connection. Self-explanatory
- 2) Sensitive question, no clarification can be offered.

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 719  
Invalid: 520

### 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.19

### Interviewer instructions

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 27  
Invalid: 1212

### 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 answer is 0 then GO TO QUESTION C.19

### Interviewer instructions

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

File: Myanmar\_2014\_2016

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 to exclude months when water insufficiencies are rare or months when water insufficiencies are extreme from the calculation. 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 20  
Invalid: 1219

### Literal question

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

### Interviewer instructions

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

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

### Interviewer instructions

E-mail and website use.  
Web page should be considered as part of the website.  
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.

## Establishment Has Its Own Website (c22b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

## Establishment Has Its Own Website (c22b)

File: Myanmar\_2014\_2016

### Literal question

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

### Interviewer instructions

E-mail and website use.

Web page should be considered as part of the website.

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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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?

### Interviewer instructions

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: character  
Width: 174

Valid cases: 1239

### 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 product, that is, the product that represented the largest proportion of annual sales (in LCU)?

### Interviewer instructions

Establishment's main product The purpose of this question is to determine what the company produces. 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: Myanmar\_2014\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1511-7290

Valid cases: 1239  
Invalid: 0  
Minimum: 1511  
Maximum: 7290

### Pre question

SHOW CARD

### Literal question

Using this card, please choose the 4-digit code that best applies to the main product of this establishment.

### Interviewer instructions

Categorize the products according to standard industry classification codes. The enumerator should show the respondent the list of codes that correspond to the products identified to ensure agreement with the categorization. The respondent should be directed to look at the card only after he has provided the answer to D.1a1.  
It may be that all major products fall into one category or that the establishment has only one main product. If the respondent does not know the code, the enumerator should write the sector and look for the corresponding code in the list of codes before submitting the completed questionnaire.

For the codes use United Nations ISIC Rev.3.1.

## Main Product/Service: Percent Of Total Annual Sales (d1a3)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

What percentage of total sales does the main product represent?

### Interviewer instructions

## Main Product/Service: Percent Of Total Annual Sales (d1a3)

### File: Myanmar\_2014\_2016

The main product is defined in terms of sales in monetary value not volume.

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

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-960000000000

Valid cases: 1239  
Invalid: 0

#### Literal question

In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales?

#### Interviewer instructions

Total sales include the value of all annual sales counting manufactured goods and goods the establishment has bought for trading. For ex. if an establishment makes blue jeans and also imports blue jeans for resale, 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 if the payment may have been received at a later date, are included in total sales.

## Please Also Write Out The Number (d2x)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 113

Valid cases: 1227

#### 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

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

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

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-360000000000

Valid cases: 1239  
Invalid: 0

#### Literal question

In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?

#### Interviewer instructions



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

### File: Myanmar\_2014\_2016

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 for resale, 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: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

- 1) SHOW CARD
- 2) INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE

#### Literal question

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

#### Post question

IF 100, GO TO QUESTION D.10

#### Interviewer instructions

- 1) 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.

- 2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % O Sales: Indirect Exports (d3b)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

- 1) SHOW CARD
- 2) INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE

#### Literal question

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

#### Post question

IF 100, GO TO QUESTION D.8

## % O Sales: Indirect Exports (d3b)

File: Myanmar\_2014\_2016

### Interviewer instructions

1) 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % Of Sales: Direct Exports (d3c)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

1) SHOW CARD

2) INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE

### Literal question

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

Direct exports

### Post question

IF 0, GO TO QUESTION D.8

### Interviewer instructions

1) 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 100  
Invalid: 1139

### Literal question

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

File: Myanmar\_2014\_2016

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

Clearing customs for direct exports. 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 customs 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.

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 100  
Invalid: 1139

### Literal question

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

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 100  
Invalid: 1139

### Literal question

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 131  
Invalid: 1108

### Literal question

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

### Interviewer instructions

First exported directly or indirectly. The purpose of this question is self-explanatory.

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 714  
Invalid: 525

### Literal question

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

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

File: Myanmar\_2014\_2016

### Overview

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

File: Myanmar\_2014\_2016

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

Valid cases: 960  
Invalid: 279

### Pre question

SHOW CARD

### Literal question

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

Material inputs or supplies of domestic origin

### Interviewer instructions

1) 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 960  
Invalid: 279

### Pre question

SHOW CARD

### Literal question

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

Material inputs or supplies of foreign origin

### Post question

IF 0, GO TO QUESTION D.16

### Interviewer instructions

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

File: Myanmar\_2014\_2016

1) 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 303  
Invalid: 936

### 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 D.16

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 162  
Invalid: 1077

### 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

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

File: Myanmar\_2014\_2016

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.

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 719  
Invalid: 520

#### 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

1) 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. The establishment's main market is defined by the market that generates the most sales for 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.

2) SHOW CARD

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

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 621  
Invalid: 618

#### 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: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 719  
Invalid: 520



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

File: Myanmar\_2014\_2016

### Literal question

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

### Interviewer instructions

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.

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

Does this establishment compete against unregistered or informal firms?

### Interviewer instructions

- 1) Competition from unregistered or informal firms
- 2) Sensitive question, no clarification can be offered

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

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

File: Myanmar\_2014\_2016

### Overview

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

### File: Myanmar\_2014\_2016

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

Valid cases: 1239  
Invalid: 0

#### Pre question

INTERVIEWER: INSTRUCT RESPONDENT THAT THE SHOW CARD CONTAINS EXAMPLES

#### Literal question

In the last three years, has this establishment introduced new products or services?

#### Post question

If answer is No or Don't Know, GO TO QUESTION H.3

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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 280  
Invalid: 959

#### Literal question

Was the new product or service also new for the establishment's main market?

## During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process (h5)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

During the last three years, has this establishment introduced any new or significantly improved organizational structures or management practices?

## During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)? (h8)

### File: Myanmar\_2014\_2016

#### Overview

## During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)? (h8)

File: Myanmar\_2014\_2016

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

Valid cases: 1239  
Invalid: 0

### Literal question

During the last three years, did this establishment give employees some time to develop or try out a new approach or new idea about products or services, business process, firm management, or marketing?

## How Much Spent On R&D, Either In-House Or External? (h9)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-250000000

Valid cases: 34  
Invalid: 1205

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 719  
Invalid: 520

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: We now change the topic.

### Literal question

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 facilities available (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 during regular working hours, and under normal and realistic operating conditions fully utilizing the machinery, equipment and employees in place.

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

File: Myanmar\_2014\_2016

### Overview

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

File: Myanmar\_2014\_2016

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

Valid cases: 719  
Invalid: 520

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

- 1) If establishment occupies several buildings the percentages should be computed for the summation of buildings.
- 2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

File: Myanmar\_2014\_2016

- 1) If establishment occupies several buildings the percentages should be computed for the summation of buildings.
- 2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

- 1) If establishment occupies several buildings the percentages should be computed for the summation of buildings.
- 2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

- 1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: The next topic to be covered is about the land.
- 2) INTERVIEWER: 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

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

File: Myanmar\_2014\_2016

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

INTERVIEWER: 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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

### Interviewer instructions

Application for construction permit. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

File: Myanmar\_2014\_2016

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

Valid cases: 101  
Invalid: 1138

### Literal question

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?

### Interviewer instructions

Waiting time for construction permit. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 101  
Invalid: 1138

### Literal question

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

### Interviewer instructions

- 1) Bribe for construction permit. Self-explanatory
- 2) Sensitive question, no clarification can be offered

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -9-40000

Valid cases: 197  
Invalid: 1042

### 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: Myanmar\_2014\_2016

### Overview

## The Area Is Measured In: (g5b)

### File: Myanmar\_2014\_2016

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

Valid cases: 196  
Invalid: 1043

#### Literal question

What is the total selling area of this establishment?

#### Post question

SPECIFY UNITS  
Square Feet  
Square Yards  
Square Meters

#### 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: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0

#### Literal question

What is the total selling area of this establishment?

#### Post question

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: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### 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

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



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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
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

#### Interviewer instructions

Pay for security. Self-explanatory

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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 97  
Invalid: 1142

#### Literal question

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

Percent of total annual sales for security

#### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH i2a and i2b

#### Interviewer instructions

How much pay for security. Self-explanatory

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

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-50000000

Valid cases: 355  
Invalid: 884

#### Literal question

In fiscal year [insert last complete fiscal year], what percent 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

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

File: Myanmar\_2014\_2016

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH i2a and i2b

### Interviewer instructions

How much pay for security. Self-explanatory

## Losses Due To Theft, Robbery, Vandalism Or Arson Experienced In Last Fiscal Year (i3)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

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

### Post question

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

### Interviewer instructions

Experienced losses from theft, robbery, vandalism, arson. Self-explanatory

## Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (% Of Sales) (i4a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 46  
Invalid: 1193

### Literal question

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

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH i4a and i4b

### Interviewer instructions

Extent of losses from theft, robbery, vandalism, arson. Self-explanatory

## Value Of Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (i4b)

File: Myanmar\_2014\_2016

### Overview

## Value Of Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (i4b)

File: Myanmar\_2014\_2016

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

Valid cases: 55  
Invalid: 1184

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism or arson 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

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH i4a and i4b

### Interviewer instructions

Extent of losses from theft, robbery, vandalism, arson. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

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

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

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

#### Interviewer instructions

1) 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.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

INTERVIEWER: 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

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

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

File: Myanmar\_2014\_2016

INTERVIEWER: 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

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

INTERVIEWER: 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

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

INTERVIEWER: 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

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

INTERVIEWER: 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

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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

### Interviewer instructions

Purchase of fixed assets, investments, etc. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-480000000000

Valid cases: 610  
Invalid: 629

### 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)

### Interviewer instructions

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

File: Myanmar\_2014\_2016

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.

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-400000000

Valid cases: 609  
Invalid: 630

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 606  
Invalid: 633

### Pre question

SHOW CARD

### Literal question

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

File: Myanmar\_2014\_2016

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

1) 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%.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 606  
Invalid: 633

### Pre question

SHOW CARD

### 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

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 606  
Invalid: 633

### Pre question

SHOW CARD

### 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



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

File: Myanmar\_2014\_2016

1) 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%.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 606  
Invalid: 633

### Pre question

SHOW CARD

### 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

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 606  
Invalid: 633

### Pre question

SHOW CARD

### 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

1) 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%.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 606  
Invalid: 633

### 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, commercial papers etc)

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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?

### Interviewer instructions

Checking/ savings account. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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: Myanmar\_2014\_2016

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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).

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 172  
Invalid: 1067

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

Institutions that granted loan. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 172  
Invalid: 1067

### 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?

### Interviewer instructions

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-500000000000

Valid cases: 172  
Invalid: 1067

### 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. Self-explanatory

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 172  
Invalid: 1067

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 163  
Invalid: 1076

### 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: Myanmar\_2014\_2016

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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 163  
Invalid: 1076

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 163  
Invalid: 1076

### 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: Myanmar\_2014\_2016

### Overview

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

File: Myanmar\_2014\_2016

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

Valid cases: 163  
Invalid: 1076

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 163  
Invalid: 1076

### 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-70000000000

Valid cases: 163  
Invalid: 1076

### Literal question

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

## Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis (k15b)

File: Myanmar\_2014\_2016

## Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis (k15b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 172  
Invalid: 1067

### Literal question

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

## Total Outstanding Balance of All Open Lines of Credit and Loans Held By This Est (k15c)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-100000000000

Valid cases: 111  
Invalid: 1128

### Literal question

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

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

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

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

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

File: Myanmar\_2014\_2016

Referring again to the last fiscal year [insert last complete fiscal year], did this establishment apply for any loans or lines of credit?

### Interviewer instructions

Apply for new loans in last year. Self-explanatory

## Main Reason For Not Applying For New Loans Or New Lines Of Credit (k17)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-7

Valid cases: 1067  
Invalid: 172

### Pre question

SHOW CARD

### Literal question

What was the main reason why this establishment did not apply for any line of credit or loan?

### Interviewer instructions

Reasons for not applying for loan last year. Self-explanatory

## What Was The Outcome Of That Most Recent Application For Loan/Line Of Credit? (k20a1)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 116  
Invalid: 1123

### Literal question

Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?

## Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr? (k21)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question



## Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr? (k21)

File: Myanmar\_2014\_2016

In fiscal year [insert last complete fiscal year], did this establishment have its annual financial statements checked and certified by an external auditor?

### Interviewer instructions

Certification of financial statements by external auditor. Self-explanatory

## How Much Of An Obstacle: Access To Finance (k30)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

## The Court System Is Fair, Impartial And Uncorrupted (h7a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

Self-explanatory

## What % Of Senior Management Time Was Spent In Dealing With Govt Regulations? (j2)

File: Myanmar\_2014\_2016

### Overview

## What % Of Senior Management Time Was Spent In Dealing With Govt Regulations? (j2)

File: Myanmar\_2014\_2016

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-75

Valid cases: 1239  
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/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. Ask managers to estimate what percentage of their time senior managers spend dealing with government regulations, inspections, negotiations and other bureaucratic burden. This is time that would otherwise be spent on business matters. 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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

### Interviewer instructions

Visitations and inspections from tax inspectorate officials. Self-explanatory

## Frequency Of Inspections/Requirement For Meeting By Tax Officials (j4)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 795  
Invalid: 444

### Literal question

Over the last year, how many times was this establishment either inspected by tax officials or required to meet with them?

### Interviewer instructions

Self-explanatory

## In Any Of These Inspections Was A Gift/Informal Payment Requested ? (j5)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 795  
Invalid: 444

### Literal question

In any of these inspections or meetings was a gift or informal payment expected or requested?

### Interviewer instructions

- 1) Bribes from tax inspectors. Self-explanatory
- 2) Sensitive question, no clarification can be offered

## Government Contract Secured (Or Attempted) In The Last 12 Months? (j6a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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

Self-explanatory

## % Of Contract Value Avg. Firm Pays In Informal Gifts To Govt To Secure Contract? (j6)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 48  
Invalid: 1191

### 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

## % Of Contract Value Avg. Firm Pays In Informal Gifts To Govt To Secure Contract? (j6)

File: Myanmar\_2014\_2016

1) 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 officials 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.

2) Sensitive question, no clarification can be offered

## Percent Of Total Annual Sales Paid In Informal Payments (j7a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-77

Valid cases: 1132  
Invalid: 107

### 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 percent 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?

Percent of total annual sales paid as informal payment

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH j7a and j7b

### Interviewer instructions

1) Size of informal payments/gifts Informal payments are payments made to government officials that are unaudited or 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.

2) Sensitive question, no clarification can be offered

## Total Annual Informal Payment (j7b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 107  
Invalid: 1132

### 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 percent 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

### Post question

## Total Annual Informal Payment (j7b)

File: Myanmar\_2014\_2016

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH j7a and j7b

### Interviewer instructions

1) Size of informal payments/gifts Informal payments are payments made to government officials that are unaudited or 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.

2) Sensitive question, no clarification can be offered

## Application To Obtain An Import License Submitted Over The Last 2 Years? (j10)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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

### Interviewer instructions

Application for import license Self-explanatory

## How Many Days Did It Take To Obtain Your Import License? (j11)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 130  
Invalid: 1109

### 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?

### Interviewer instructions

Wait for import license Self-explanatory

## When You Applied For An Import License, Was An Informal Gift/Payment Requested? (j12)

File: Myanmar\_2014\_2016

### Overview

## When You Applied For An Import License, Was An Informal Gift/Payment Requested? (j12)

File: Myanmar\_2014\_2016

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

Valid cases: 130  
Invalid: 1109

### Literal question

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

### Interviewer instructions

- 1) Bribe for import license. Self-explanatory
- 2) Sensitive question, no clarification can be offered

## Application To Obtain An Operating License Submitted Over Last 2 Years? (j13)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

Over the last two years, did this establishment submit an application to obtain an operating license?

### Interviewer instructions

Application for operating license Self-explanatory-Includes renewals of operating licenses

## How Many Days Did It Take To Obtain Your Operating License? (j14)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-360

Valid cases: 597  
Invalid: 642

### 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

## When You Applied For Operating License Was An Informal Gift/Payment Requested? (j15)

File: Myanmar\_2014\_2016

### Overview

## When You Applied For Operating License Was An Informal Gift/Payment Requested? (j15)

File: Myanmar\_2014\_2016

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

Valid cases: 597  
Invalid: 642

### 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

## How Much Of An Obstacle: Tax Rates (j30a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

## How Much Of An Obstacle: Tax Administrations (j30b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

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

## How Much Of An Obstacle: Business Licensing And Permits (j30c)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### 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

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

## How Much Of An Obstacle: Political Instability (j30e)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### 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

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

## How Much Of An Obstacle: Corruption (j30f)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question



## How Much Of An Obstacle: Corruption (j30f)

### File: Myanmar\_2014\_2016

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

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

## How Much Of An Obstacle: Courts (h30)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### 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

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

## Num. Permanent, Full-Time Employees At End Of Last Fiscal Year (l1)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3500

Valid cases: 1239  
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 employees did this establishment employ? Please include all employees and managers

#### Post question

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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3500

Valid cases: 1239  
Invalid: 0

### Literal question

Three fiscal years ago, at the end of fiscal year [insert three complete fiscal years ago], how many permanent, full-time employees did this establishment employ? Please include all employees and managers

### Post question

INTERVIEWER: include interviewee if applicable

### Interviewer instructions

Number of permanent, full-time employees three complete fiscal years ago. See definition of permanent, full-time employees in l1

## Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers (l3a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3484

Valid cases: 719  
Invalid: 520

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Production workers

### Interviewer instructions

Number of permanent, full-time production employees are employees (up to 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.

Number of permanent, full-time non-production employees are those employees 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-250

Valid cases: 719  
Invalid: 520

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were:  
Non-production workers [e.g., managers, administration, sales]

### Interviewer instructions

Number of permanent, full-time production employees are employees (up to 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.

Number of permanent, full-time non-production employees are those employees 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.

## Unskilled production workers (MYA14c)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2984

Valid cases: 719  
Invalid: 520

### Literal question

At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were:  
Unskilled production workers

## Female permanent full-time workers (l5)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1897

Valid cases: 646  
Invalid: 593

## Female permanent full-time workers (l5)

File: Myanmar\_2014\_2016

### Literal question

At the end of fiscal year 2012/2013 (FY), how many permanent full-time employees of this establishment for the following categories were female?

## Female permanent full-time production workers (l5a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3265

Valid cases: 719  
Invalid: 520

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2012/2013 (FY), how many permanent full-time employees of this establishment for the following categories were female?

Female permanent full-time production employees

### Interviewer instructions

Self explanatory

## Female permanent full-time non-production workers (l5b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 960  
Invalid: 279

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2012/2013 (FY), how many permanent full-time employees of this establishment for the following categories were female?

Female permanent full-time non-production employees

### Interviewer instructions

Self explanatory

## Num. Full-Time Temporary Employees At End Of Last Fiscal Yr (l6)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

## Num. Full-Time Temporary Employees At End Of Last Fiscal Yr (l6) File: Myanmar\_2014\_2016

How many full-time temporary employees did this establishment employ in fiscal year [insert last complete fiscal year]?

### 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-650

Valid cases: 168  
Invalid: 1071

### Literal question

How many full-time temporary employees did this establishment employ throughout year [insert last complete fiscal year]?  
Female full-time seasonal or temporary workers employed last fiscal year

### Interviewer instructions

(INTERVIEWER: Full-time, temporary workers are all paid short-term (i.e. for less than a year) employees with no guarantee of renewal of contract employment and work 8 or more hours per day)

## Avg. Length Of Employment Of All Full-Time Temporary Employees In Last Fiscal Yr (l8) File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-12

Valid cases: 167  
Invalid: 1072

### Literal question

What was the average length of employment of all full-time temporary employees in 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 employee 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

## % Of Full Time Workers Completed High School (l9b)

File: Myanmar\_2014\_2016

### Literal question

What is the percentage of full-time permanent workers who completed secondary school?

## Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr (l10)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
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?

### Interviewer instructions

Formal training 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.

## % Permanent Full-Time Production Employees Received Formal Training In Last FFY (l11a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 75  
Invalid: 1164

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percent of permanent, full-time employees of the following categories received formal training?

Production full-time permanent employees trained

### Interviewer instructions

Percentage of production vs. non-production employees that were trained. Self-explanatory

## % Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY (l11b)

File: Myanmar\_2014\_2016

### Overview

## % Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY (l11b)

File: Myanmar\_2014\_2016

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

Valid cases: 75  
Invalid: 1164

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percent of permanent, full-time employees of the following categories received formal training?

Non-production full-time permanent employees trained

### Interviewer instructions

Percentage of production vs. non-production employees that were trained. Self-explanatory

## Over the last two years, did this establishment try to hire any managers or seni (MYA117)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

Over the last two years, did this establishment try to hire any managers or senior-level professionals?

## There were no or few applicants (MYA118a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 116  
Invalid: 1123

### Literal question

Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional?  
There were no or few applicants

## Applicants lacked required job-specific skills (MYA118b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 116  
Invalid: 1123

### Literal question

## Applicants lacked required job-specific skills (MYA18b)

File: Myanmar\_2014\_2016

Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional?  
Applicants lacked required skills

## Applicants expected higher wages than the establishment can offer (MYA18d)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 116  
Invalid: 1123

### Literal question

Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional?  
Applicants did not like the working conditions

## Applicants did not like the working conditions (MYA18e)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 116  
Invalid: 1123

### Literal question

Did the establishment encounter any other problems when trying to hire a manager or senior-level professional?

## Over the last two years, did this establishment try to hire any technicians, ass (MYA124)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

Over the last two years, did this establishment try to hire any (non-production) technicians, associate professionals, or sales workers?

## There were no or few applicants (MYA125a)

File: Myanmar\_2014\_2016

### Overview



## There were no or few applicants (MYA125a)

File: Myanmar\_2014\_2016

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

Valid cases: 297  
Invalid: 942

### Literal question

Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers?  
There were no or few applicants

## Applicants lacked required job-specific skills (MYA125b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 297  
Invalid: 942

### Literal question

Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers?  
Applicants lacked required skills

## Applicants expected higher wages than the establishment can offer (MYA125d)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 297  
Invalid: 942

### Literal question

Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers?  
Applicants did not like the working conditions

## Applicants did not like the working conditions (MYA125e)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 297  
Invalid: 942

### Literal question

Did the establishment encounter any other problems when trying to hire non-production technicians, associate professionals, and sales workers?

Over the last two years, did this establishment try to hire any unskilled produc (MYAl32)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 719  
Invalid: 520

#### Literal question

Over the last two years, did this establishment try to hire any unskilled production workers?

There were no or few applicants (MYAl33a)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 414  
Invalid: 825

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled production workers?  
There were no or few applicants

Applicants lacked required job-specific skills (MYAl33b)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 414  
Invalid: 825

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled production workers?  
Applicants lacked required job-specific skills

Applicants expected higher wages than the establishment can offer (MYAl33d)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 414  
Invalid: 825

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled production workers?  
Applicants expected higher wages than the establishment can offer

## Applicants did not like the working conditions (MYA133e)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 414  
Invalid: 825

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled production workers?  
Applicants did not like the working conditions

## Over the last two years, did this establishment try to hire any highly skilled o (MYA138)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 719  
Invalid: 520

#### Literal question

Over the last two years, did this establishment try to hire any highly skilled or semi-skilled production workers?

## There were no or few applicants (MYA139a)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 259  
Invalid: 980

#### Literal question

Did the establishment encounter any of the following problems when trying to hire skilled production workers?  
There were no or few applicants

## Applicants lacked required job-specific skills (MYA139b)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 259  
Invalid: 980

#### Literal question

Did the establishment encounter any of the following problems when trying to hire skilled production workers?  
Applicants lacked required skills

## Applicants expected higher wages than the establishment can offer (MYA139d)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 259  
Invalid: 980

### Literal question

Did the establishment encounter any of the following problems when trying to hire skilled production workers?  
Applicants did not like the working conditions

## Applicants did not like the working conditions (MYA139e)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 259  
Invalid: 980

### Literal question

Did the establishment encounter any other problems when trying to hire skilled production workers?

## Over the last two years, did this establishment try to hire any unskilled worker (MYA132s)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 873  
Invalid: 366

### Literal question

Over the last two years, did this establishment try to hire any unskilled workers?

## There were no or few applicants (MYA133as)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 428  
Invalid: 811

### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled workers?  
There were no or few applicants

## Applicants lacked required job-specific skills (MYA133bs)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 428  
Invalid: 811

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled workers?  
Applicants lacked required job-specific skills

## Applicants expected higher wages than the establishment can offer (MYA133ds)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 428  
Invalid: 811

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled workers?  
Applicants expected higher wages than the establishment can offer

## Applicants did not like the working conditions (MYA133es)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 428  
Invalid: 811

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled workers?  
Applicants did not like the working conditions

## How Much Of An Obstacle: Labor Regulations? (l30a)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

## How Much Of An Obstacle: Labor Regulations? (l30a)

File: Myanmar\_2014\_2016

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

- 1) Self-explanatory
- 2) Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Inadequately Educated Workforce? (l30b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD

### 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

- 1) Self-explanatory
- 2) Sensitive question, no clarification can be offered

## Biggest Obstacle Affecting The Operation Of This Establishment (m1a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-15

Valid cases: 1239  
Invalid: 0

### Pre question

SHOW CARD with ROTATION

### 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

Self-explanatory

## Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year (n2a)

File: Myanmar\_2014\_2016

### Overview

## Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year (n2a)

File: Myanmar\_2014\_2016

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-4438945692

Valid cases: 1239  
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 individual 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.

2) SHOW CARD

### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information:

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

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

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, fork lifts, or other motor vehicles associated with the establishment.

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.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

## Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year (n2e)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-20000000000

Valid cases: 719  
Invalid: 520

### Pre question

1) SHOW CARD

### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information:

Total annual cost of raw materials and intermediate goods used in production

### Interviewer instructions

## Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year (n2e)

### File: Myanmar\_2014\_2016

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

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

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, fork lifts, or other motor vehicles associated with the establishment.

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.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

## Total Annual Costs Of Electricity In Last Fiscal Year (n2b)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-420000000

Valid cases: 1239  
Invalid: 0

#### Pre question

1) SHOW CARD

#### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information:

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

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

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, fork lifts, or other motor vehicles associated with the establishment.

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.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence



## Total Annual Cost Of Finished Goods/Materials Bought To Resell In Last Fiscal Yr (n2i)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-5100000000

Valid cases: 197  
Invalid: 1042

### Pre question

1) SHOW CARD

### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information:

Total annual cost of finished goods/materials bought 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

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

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, fork lifts, or other motor vehicles associated with the establishment.

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.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

## Total Cost Of Sales In Last FY (n2p)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-720000000000

Valid cases: 719  
Invalid: 520

### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information:

Total cost of sales (cost of production)

## Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year (n6a)

File: Myanmar\_2014\_2016

## Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year (n6a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-18982311482

Valid cases: 719  
Invalid: 520

### 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-130000000000

Valid cases: 719  
Invalid: 520

### 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 assets. 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 Years Working In The Firm: (a15a2a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

Please complete the following information about the interviewee(s)

## Main Respondent's Gender (a15a3)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 1239  
 Invalid: 0

**Pre question**

Please complete the following information about the interviewee(s)

## Second Respondent Years Working In The Firm: (a15a2b)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 28  
 Invalid: 1211

**Pre question**

Please complete the following information about the interviewee(s)

## Second Respondent's Gender (a15b3)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: -7-2

Valid cases: 28  
 Invalid: 1211

**Pre question**

Please complete the following information about the interviewee(s)

## Third Respondent Years Working In The Firm: (a15a2c)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 2  
 Invalid: 1237

**Pre question**

Please complete the following information about the interviewee(s)

## Third Respondent's Gender (a15c3)

File: Myanmar\_2014\_2016

## Third Respondent's Gender (a15c3)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 1237
Width: 2	
Decimals: 0	
Range: -7-2	

### Pre question

Please complete the following information about the interviewee(s)

## Day (a15d)

File: Myanmar\_2014\_2016

### Overview

Type: Continuous	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 31
Range: 1-31	

### Literal question

Time face-to-face interview ends

## Month (a15m)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-12	

### Literal question

Time face-to-face interview ends

## Year (a15y)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 2014-2017	

### Literal question

Time face-to-face interview ends

## Hour (a15h)

File: Myanmar\_2014\_2016

## Hour (a15h)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 8-23

Valid cases: 1239  
Invalid: 0

### Literal question

Time face-to-face interview ends

## Minutes (a15min)

File: Myanmar\_2014\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-59

Valid cases: 1239  
Invalid: 0  
Minimum: 0  
Maximum: 59

### Literal question

Time face-to-face interview ends

## Perception Of The Questions Regarding Opinions And Perceptions (a16)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Pre question

INTERVIEWERS PLEASE ANSWER AT END OF THE INTERVIEW

### Literal question

It is my perception that the responses to the questions regarding opinions and perceptions:

## Responses To The Questions About Figures Are€ (a17)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 1239  
Invalid: 0

### Literal question

The responses to the questions regarding figures (productivity and employment numbers):

## This Questionnaire Was Completed In: (a18)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 1239  
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: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 20  
Invalid: 1219

#### Pre question

- 1) SUPERVISORS PLEASE ANSWER
- 2) 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: Myanmar\_2014\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-53

Valid cases: 20  
Invalid: 1219  
Minimum: 0  
Maximum: 53

## Weight according to strict eligibility (wstrict)

### File: Myanmar\_2014\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 1-205.785400390625

Valid cases: 1239  
Invalid: 0  
Minimum: 1  
Maximum: 205.8

## Weight according to median eligibility (wmedian)

File: Myanmar\_2014\_2016

### Overview

Type: Continuous	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 6	Minimum: 1
Decimals: 2	Maximum: 317.4
Range: 1-317.3544921875	

## Weight according to weak eligibility (wweak)

File: Myanmar\_2014\_2016

### Overview

Type: Continuous	Valid cases: 1239
Format: numeric	Invalid: 0
Width: 6	Minimum: 1
Decimals: 2	Maximum: 335.9
Range: 1-335.887390136719	

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 157
Format: numeric	Invalid: 1082
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 113
Format: numeric	Invalid: 1126
Width: 1	
Decimals: 0	
Range: 1-2	

## How did the top manager come to run this establishment? (MYAb7)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 607
Format: numeric	Invalid: 632
Width: 2	
Decimals: 0	
Range: -9-3	

## Close month of the last completed fiscal year (a20m)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
 Invalid: 632

## Close day of the last completed fiscal year (a20d)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
 Invalid: 632  
 Minimum: 1  
 Maximum: 31

## Close year of the last completed fiscal year (a20y)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2015-2016

Valid cases: 607  
 Invalid: 632

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

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
 Invalid: 632

## How orders for this establishment's main product changed in last 6 months? (MYAd1)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
 Invalid: 632

**Literal question**



How orders for this establishment's main product changed in last 6 months? (MYAd1)

File: Myanmar\_2014\_2016

Compared to six months ago, have orders for this establishment's main product increased, decreased, or remained the same?

How purchased material inputs/supplies for main product changed in last 6 months (MYAd2)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 366  
Invalid: 873

#### Literal question

Compared to six months ago, considering the purchased material inputs and supplies for this establishment's main product, have the inventory levels increased, decreased, or remained the same?

Which of the following is reason for the (lack of) change in inventory levels? (MYAd3)

File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 366  
Invalid: 873

#### Literal question

Which of the following is reason for the (lack of) change in inventory levels?

How production of main product changed in last 6 months? (MYAd4)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 366  
Invalid: 873

#### Literal question

Compared to six months ago, for this establishment main product, has production increased, decreased, or remained the same?

## Increased by how much? (MYAd5a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 114  
Invalid: 1125

### Literal question

Compared to six months ago, for this establishment main product, has production increased, decreased, or remained the same?

Increased by how much?

## Decreased by how much? (MYAd5b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 134  
Invalid: 1105

### Literal question

Compared to six months ago, for this establishment main product, has production increased, decreased, or remained the same?

Decreased by how much?

## Which of the following is reason for the (lack of) change in production levels? (MYAd6)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 366  
Invalid: 873

### Literal question

Which of the following is reason for the (lack of) change in production levels?

## How main product sales changed in last 6 months? (MYAd4r)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 92  
Invalid: 1147

### Literal question

Compared to six months ago, for this establishment's main product(s), have sales increased, decreased, or remained the same?

Which of the following is reason for the (lack of) change in production levels? (MYAd5ra)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 30  
Invalid: 1209

How inventory and stock accumulation of finished goods changed in last 6 months? (MYAd5rb)

File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-60

Valid cases: 43  
Invalid: 1196

Which of the following is reason for the (lack of) change in sales levels? (MYAd6r)

File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 92  
Invalid: 1147

#### Literal question

Which of the following is reason for the (lack of) change in sales levels?

How main product sales price changed in last 6 months? (MYAd7)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

Compared to six months ago, for this establishment's main product, has the sales price increased, decreased, or remained the same?

## Increased by how much? (MYAd8a)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 216  
 Invalid: 1023

**Literal question**

Compared to six months ago, for this establishment's main product, has the sales price increased, decreased, or remained the same?

Increased by how much?

## Decreased by how much? (MYAd8b)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 54  
 Invalid: 1185

**Literal question**

Compared to six months ago, for this establishment's main product, has the sales price increased, decreased, or remained the same?

Decreased by how much?

## In Clearing Exports Through Customs, Informal Gift/Payment Expected Or Requested? (d5a)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 41  
 Invalid: 1198

## In Clearing Imports Through Customs, Informal Gift/Payment Expected Or Requested? (d15a)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 59  
 Invalid: 1180

## Describe In Detail The Main New Or Significantly Improved Product Or Service (h3x)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: character  
Width: 221

Valid cases: 109

### 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.

## Describe How The Main New/Significantly Improved Product Or Service Is Different (h4x)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: character  
Width: 244

Valid cases: 109

### 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.

## Describe Main New/Significantly Improved Process This Establishment Introduced (h6x)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: character  
Width: 244

Valid cases: 94

### 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.

## How The Main New/Significantly Improved Process Is Different (h7x)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: character  
Width: 213

Valid cases: 94

### 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.

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

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-6000000

Valid cases: 5  
Invalid: 1234

#### 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 Borrowed From Banks (k5bc1)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 5  
Invalid: 1234

#### 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 Owners' Contribution Or Issued New Equity Shares (k5i1)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 5  
Invalid: 1234

#### 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 Non-Bank Financial Institutions (k5e1)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 5  
Invalid: 1234

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

File: Myanmar\_2014\_2016

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 5  
Invalid: 1234

### 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: Myanmar\_2014\_2016

### Overview

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

Valid cases: 5  
Invalid: 1234

### 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.

## Purchase Any New/Used Fixed Assets? (k4b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

In [insert last complete fiscal year], 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?

## Total Annual Expenditure For Purchases Of Equipment In Year Prior To Last FY (n5c)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-120000000000

Valid cases: 267  
Invalid: 972

### Literal question

In [insert last complete fiscal year], 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: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-400000000

Valid cases: 267  
Invalid: 972

### Literal question

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

## Do you feel businesses in your sector will benefit from the New Investment Law t (MYAj6)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

Do you feel businesses in your sector will benefit from the New Investment Law that is currently being drafted in Parliament?

## What is the principal reason you feel this new law will be beneficial? (MYAj7)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 226  
Invalid: 1013



What is the principal reason you feel this new law will be beneficial? (MYAj7)

File: Myanmar\_2014\_2016

**Literal question**

What is the principal reason you feel this new law will be beneficial?

How overall employment changed in last 6 months? (MYAl12)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
Invalid: 632

**Literal question**

Compared to six months ago, has overall employment for this establishment increased, decreased, or remained the same?

Increased by how much? (MYAl13a)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-60

Valid cases: 91  
Invalid: 1148

**Literal question**

Compared to six months ago, has overall employment for this establishment increased, decreased, or remained the same?  
Increased by how much?

Decreased by how much? (MYAl13b)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 136  
Invalid: 1103

**Literal question**

Compared to six months ago, has overall employment for this establishment increased, decreased, or remained the same?  
Decreased by how much?

Which of the following is reason for the (lack of) change in employment levels? (MYAl14)

File: Myanmar\_2014\_2016

**Overview**

## Which of the following is reason for the (lack of) change in employment levels? (MYA114)

File: Myanmar\_2014\_2016

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 607  
Invalid: 632

### Literal question

Which of the following is reason for the (lack of) change in employment levels?

## Highly skilled production workers (MYA14a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-360

Valid cases: 366  
Invalid: 873

### Literal question

At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were:

Highly skilled production workers

## Semi-skilled production workers (MYA14b)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 366  
Invalid: 873

### Literal question

At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were:

Semi-skilled production workers

## Highly skilled non-production workers (MYA14d)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were:

Highly skilled non-production workers

## Semi-skilled non-production workers (MYA14e)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were:

Semi-skilled non-production workers

## Unskilled non-production workers (MYA14f)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-281

Valid cases: 607  
Invalid: 632

### Literal question

At the end of [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were:

Unskilled non-production workers

## Female highly skilled or semi-skilled production workers (MYA15a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-984

Valid cases: 366  
Invalid: 873

### Literal question

At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories?

Female highly skilled or semi-skilled production workers

## Female unskilled production workers (MYA15b)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1800

Valid cases: 366  
Invalid: 873

### Literal question

## Female unskilled production workers (MYA15b)

File: Myanmar\_2014\_2016

At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories?

Female unskilled production workers

## Female highly skilled or semi-skilled non-production workers (MYA15c)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories?

Female highly skilled or semi-skilled non-production workers

## Female unskilled non-production workers (MYA15d)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-108

Valid cases: 607  
Invalid: 632

### Literal question

At the end of [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories?

Female unskilled non-production workers

## Highly skilled production workers (MYA16a)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-2000000

Valid cases: 366  
Invalid: 873

### Literal question

In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category?

Highly skilled production workers

## Semi-skilled production workers (MYA16b)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 366  
Invalid: 873

#### Literal question

In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category?  
Semi-skilled production workers

## Unskilled production workers (MYA16c)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-350000

Valid cases: 366  
Invalid: 873

#### Literal question

In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category?  
Unskilled production workers

## Highly skilled non-production workers (MYA16d)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-2000000

Valid cases: 607  
Invalid: 632

#### Literal question

In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category?  
Highly skilled non-production workers

## Semi-skilled non-production workers (MYA16e)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-700000

Valid cases: 607  
Invalid: 632

#### Literal question

## Semi-skilled non-production workers (MYA16e)

File: Myanmar\_2014\_2016

In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category?

Semi-skilled non-production workers

## Unskilled non-production workers (MYA16f)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-400000

Valid cases: 607  
Invalid: 632

### Literal question

In [insert last complete fiscal year], what was the average gross wage/salary per month of a current, permanent, full-time employee in the following occupational category?

Unskilled non-production workers

## Training Programs Amount: Production Full-Time Permanent Employees Trained (l11a1)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-130

Valid cases: 5  
Invalid: 1234

## Training Programs Amount: Non-Production Full-Time Permanent Employees Trained (l11b1)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-12

Valid cases: 5  
Invalid: 1234

## Applicants lacked required personal skills or behaviors (MYA18c)

File: Myanmar\_2014\_2016

### Overview

## Applicants lacked required personal skills or behaviors (MYA118c)

### File: Myanmar\_2014\_2016

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

Valid cases: 60  
Invalid: 1179

#### Literal question

Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional?  
Applicants expected higher wages than the establishment can offer

## Applicants lacked required personal skills or behaviors (MYA125c)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 89  
Invalid: 1150

#### Literal question

Did the establishment encounter any of the following problems when trying to hire non-production technicians, associate professionals, and sales workers?  
Applicants expected higher wages than the establishment can offer

## Applicants lacked required personal skills or behaviors (MYA133c)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 199  
Invalid: 1040

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled production workers?  
Applicants lacked required personal skills or behaviors

## Applicants lacked required personal skills or behaviors (MYA139c)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 42  
Invalid: 1197

#### Literal question

Did the establishment encounter any of the following problems when trying to hire skilled production workers?  
Applicants expected higher wages than the establishment can offer

## Applicants lacked required personal skills or behaviors (MYA133cs)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 121  
Invalid: 1118

#### Literal question

Did the establishment encounter any of the following problems when trying to hire unskilled workers?  
Applicants lacked required personal skills or behaviors

## Managerial and leadership skills (MYA140a)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?  
Work ethic and commitment

## Interpersonal and communication skills (MYA140b)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?  
Interpersonal and communication skills

## Writing skills (MYA140c)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?  
Writing skills



## Reading skills (MYA140d)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Reading skills

## Problem solving skills (MYA140e)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Problem solving skills

## Critical thinking skills (MYA140f)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Critical thinking skills

## Work ethic and commitment (MYA140g)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

#### Literal question

## Work ethic and commitment (MYA140g)

File: Myanmar\_2014\_2016

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Work ethic and commitment

## Foreign language skills (MYA140h)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Foreign language skills

## Computer skills or general IT skills (MYA140i)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Computer skills or general IT skills

## Technical skills other than computers or vocational, job-specific skills (MYA140j)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Technical skills other than computers or vocational, job-specific skills

## Numeracy skills (MYA140k)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 607  
Invalid: 632

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Numeracy skills

## Replacement cost of capital equipment (MYAn8)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1000000000

Valid cases: 366  
Invalid: 873

### Literal question

Consider this establishment's most recently introduced capital equipment, hypothetically, if this establishment were to purchase it in its current condition, and regardless of whether the establishment owns it or not, how much would it cost?

## In which year was this capital equipment introduced? (MYAn9)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2017

Valid cases: 266  
Invalid: 973

### Literal question

In which year was this capital equipment introduced?

## What type of company manufactured the most recently introduced capital equipment (MYAn10)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 266  
Invalid: 973

### Literal question

What type of company manufactured the most recently introduced capital equipment?

Was this capital equipment specifically developed and/or customized to your esta (MYAn11)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 266  
Invalid: 973

#### Literal question

Was this capital equipment specifically developed and/or customized to your establishment's needs?

Main Respondent Position In The Firm (a15a1ax)

File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 17

Valid cases: 607

Second Respondent Position In The Firm (a15a1bx)

File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 15

Valid cases: 13

Third Respondent Position In The Firm (a15a1cx)

File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 15

Valid cases: 1

stratification region code (stratificationregioncode)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 607  
Invalid: 632

## stratification size code (stratificationsizecode)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
 Invalid: 632

## stratification sector code (stratificationsectorcode)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
 Invalid: 632

## panel code (stratificationpanelcode)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 607  
 Invalid: 632

## see notes (strata)

File: Myanmar\_2014\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-54

Valid cases: 607  
 Invalid: 632  
 Minimum: 1  
 Maximum: 54

## Sector match between screener information (a5)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 632  
 Invalid: 607

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

## Sector match between screener information (a5)

File: Myanmar\_2014\_2016

Sector match between screener information and sample frame

### Interviewer instructions

Self-explanatory

## Type of establishment (a8)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-4

Valid cases: 632  
Invalid: 607

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Type of establishment

### Interviewer instructions

Identifies type of establishment for those that are part of larger firms

## Establishment's financial statements of the same firm (a10)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-2

Valid cases: 632  
Invalid: 607

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Are establishment's financial statements prepared separately from other establishments of the same firm?

### Interviewer instructions

Information taken from the screener questionnaire

## The biggest transportation obstacle by road (V338)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

## Days of inventory of most important input (d16)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 354  
Invalid: 885

### Literal question

At the present time, when this establishment receives delivery of its most important input, on average, how many days of inventory, measured in days of production, does this establishment keep?

### Post question

INTERVIEWER: IF RESPONDENT REQUIRES CLARIFICATION, DEFINE AS STOCK ON HAND

### Interviewer instructions

Days of inventory of main input. The purpose of this question is to assess the efficiency in the supply chain. When firms have to maintain a high level of stock, because they cannot rely on a predictable supply of inputs, this is a source of economic inefficiency. Inversely, if supplies of the main input can be relied upon to be easily available, firms will keep low levels of stock on hand.

The main input is the input that accounts for the highest value among all inputs. It is not the input for which stock is maintained the longest. For example, if a company makes shirts, the most important input is the cloth, not the buttons and thread, though the establishment may actually keep a 90 day supply of buttons on hand and only a 30 day stock of cloth.

Days of inventory should be calculated as the number of days of normal production capacity before running out of stock.

## Days of inventory of most important input (d17)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 105  
Invalid: 1134

### Literal question

At the present time, when this establishment receives its main sales item, on average, how many days of inventory measured in days of sales, does this establishment keep?

### Post question

INTERVIEWER: IF RESPONDENT REQUIRES CLARIFICATION, DEFINE AS STOCK ON HAND

### Interviewer instructions

Days of inventory of main sales item The purpose of this question is to assess the efficiency in the supply chain. When firms have to maintain a high level of sales items in stock, because they cannot rely on a predictable supply, this is a source of economic inefficiency. Inversely, if supplies of the main sales can be relied upon to be easily available, firms will keep low levels of stock on hand.

The main sales item is the item that accounts for the highest percentage of sales among all items that the establishment sells. It is not the item for which stock is maintained the longest.

Days of inventory should be calculated as how many days it would take, under normal sales conditions, to deplete the main sales item held in supply at the establishment's premises.

## Establishment introduced new or significantly improved methods (h3)

File: Myanmar\_2014\_2016

## Establishment introduced new or significantly improved methods (h3)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Pre question

SHOW CARD

### Literal question

In the last three years, has this establishment introduced any new or significantly improved methods of manufacturing products or offering services?

## Establishment introduced new or significantly improved logistics, delivery (h4a)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Literal question

During the last three years, has this establishment introduced any new or significantly improved logistics, delivery, or distribution methods for inputs, products, or services?

### Interviewer instructions

SHOW CARD

## Establishment introduced new operations for purchasing, accounting (h4b)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Literal question

During the last three years, has this establishment introduced any new or significantly improved supporting activities for your processes, such as maintenance systems or operations for purchasing, accounting, or computing?

### Interviewer instructions

SHOW CARD



## Establishment introduced new improved organizational structures (V344)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

## Establishment introduced new improved marketing methods (h6)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Pre question

SHOW CARD

### Literal question

During the last three years, has this establishment introduced new or significantly improved marketing methods?

## Investment is beneficial to businesses in sector (MYAj3)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Literal question

Sometimes foreign companies invest directly in Burmese firms. Do you think this investment is beneficial to businesses in your sector?

## Reason feel that foreign investment is beneficial (MYAj4)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-5

Valid cases: 504  
Invalid: 735

### Literal question

What is the principal reason you feel this foreign investment is beneficial?

## Reason feel that foreign investment is not beneficial (MYAj5)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 82  
Invalid: 1157

#### Literal question

What is the principal reason you feel this foreign investment is not beneficial?

## Skilled production workers (l4a)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1300

Valid cases: 353  
Invalid: 886

#### Pre question

INTERVIEWER: READ EACH CATEGORY

#### Literal question

At the end of fiscal year 2012/2013 (FY), how many permanent, full-time employees were:  
Skilled production workers

#### Interviewer instructions

Numbers of different types of permanent, full-time skilled production workers have some special knowledge or (usually acquired) ability in their work. A skilled worker may have attended a college, university or technical school or, may have learned their skills on the job.

Unskilled production worker are unskilled in that it is not required that they have special training, education, or skill to perform their job.

## Managers and senior-level professionals (MYAl6)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 632  
Invalid: 607

#### Literal question

At the end of 2012/2013 (FY), how many permanent, full-time individuals in this establishment were:  
Managers and senior-level professionals

## Technicians, associate professionals, and sales (MYAl7)

### File: Myanmar\_2014\_2016

#### Overview

## Technicians, associate professionals, and sales (MYA17)

File: Myanmar\_2014\_2016

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

Valid cases: 632  
Invalid: 607

### Literal question

At the end of 2012/2013 (FY), how many permanent, full-time individuals in this establishment were:  
Technicians, associate professionals, and sales

## Unskilled workers (MYA18)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-190

Valid cases: 632  
Invalid: 607

### Literal question

At the end of 2012/2013 (FY), how many permanent, full-time individuals in this establishment were:  
Unskilled workers

## Skilled production workers (MYA19)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1350

Valid cases: 353  
Invalid: 886

### Literal question

Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were:  
Skilled production workers

## Unskilled production workers (MYA110)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3000

Valid cases: 353  
Invalid: 886

### Literal question

Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were:  
Unskilled production workers

## Managers and senior-level professionals (MYA111)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 632  
Invalid: 607

#### Literal question

Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were:  
Managers and senior-level professionals

## Technicians, associate professionals, and sales (V356)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 632  
Invalid: 607

## Unskilled workers (MYA113)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-179

Valid cases: 632  
Invalid: 607

#### Literal question

Two fiscal years ago, at the end of 2011/2012 (FY), how many permanent, full-time individuals in this establishment were:  
Unskilled workers

## Average number of years of education of typical production worker (l9a)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-16

Valid cases: 353  
Invalid: 886

#### Literal question

What is the average number of years of education of a typical permanent full-time production worker employed in this establishment?

Average number of years of education of typical production worker

#### Interviewer instructions

INTERVIEWER: READ EACH CATEGORY

## Average number of years of education of typical female production worker (l9a2)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 353
Format: numeric	Invalid: 886
Width: 2	
Decimals: 0	
Range: -9-20	

### Literal question

What is the average number of years of education of a typical permanent full-time production worker employed in this establishment?

Average number of years of education of typical female production worker

### Interviewer instructions

INTERVIEWER: READ EACH CATEGORY

## Primary focus of the formal training programs (V360)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 92
Format: numeric	Invalid: 1147
Width: 2	
Decimals: 0	
Range: -9-5	

## Primary provider of these training programs (MYA115)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 92
Format: numeric	Invalid: 1147
Width: 2	
Decimals: 0	
Range: -9-5	

### Literal question

Regardless of who paid, who was the primary provider of these training programs?

## The main reason for the lack of training programs (MYA116)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete	Valid cases: 540
Format: numeric	Invalid: 699
Width: 2	
Decimals: 0	
Range: -9-6	

### Literal question

Please indicate the main reason for the lack of training programs?

## Other (MYA122)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 56  
 Invalid: 1183

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional?  
 Other

## Other (MYA123x)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a manager or senior-level professional?  
 Other (specify)

## Other (MYA129)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 208  
 Invalid: 1031

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a (non-production) technician, associate professional, or sales worker?  
 Other

## Other (MYA130x)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a (non-production) technician, associate professional, or sales worker?  
 Other (specify)

## Other (MYA136)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 306  
 Invalid: 933

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a (non-production) unskilled worker?  
 Other

## Other (MYA137x)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a (non-production) unskilled worker?  
 Other (specify)

## Other (MYA143)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 217  
 Invalid: 1022

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a skilled production worker?  
 Other

## Other (MYA144x)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

**Literal question**

Did the establishment encounter any of the following problems when trying to hire a skilled production worker?  
 Other (specify)

## Other (MYA150)

File: Myanmar\_2014\_2016

## Other (MYA150)

File: Myanmar\_2014\_2016

**Overview**

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

Valid cases: 214  
 Invalid: 1025

**Literal question**

Did the establishment encounter any of the following problems when trying to hire an unskilled production worker?  
 Other

## Other (MYA151x)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

**Literal question**

Did the establishment encounter any of the following problems when trying to hire an unskilled production worker?  
 Other (specify)

## Skilled production workers (MYA152)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-1300

Valid cases: 353  
 Invalid: 886

**Literal question**

One year from now, how many permanent, full-time individuals do you expect to have in the following categories  
 Skilled production workers

## Unskilled production workers (MYA153)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-2984

Valid cases: 353  
 Invalid: 886

**Literal question**

One year from now, how many permanent, full-time individuals do you expect to have in the following categories  
 Unskilled production workers



## Managers and senior-level professionals (MYA154)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Literal question

One year from now, how many permanent, full-time individuals do you expect to have in the following categories  
Managers and senior-level professionals

## Technicians, associate professionals, and sales (MYA155)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Literal question

One year from now, how many permanent, full-time individuals do you expect to have in the following categories  
Technicians, associate professionals, and sales

## Unskilled workers (MYA156)

File: Myanmar\_2014\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-190

Valid cases: 632  
Invalid: 607

### Literal question

One year from now, how many permanent, full-time individuals do you expect to have in the following categories  
Unskilled workers

## The educational system does not produce enough people with the level of skills n (MYA157)

File: Myanmar\_2014\_2016

### Overview

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

Valid cases: 632  
Invalid: 607

### Literal question

I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

The educational system does not produce enough people with the level of skills needed by employers

The educational system does not produce enough people with the kinds of skills n (MYA158)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 632  
Invalid: 607

#### Literal question

I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

The educational system does not produce enough people with the kinds of skills needed by employers

The educational system does not produce enough people with up to date knowledge (MYA159)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 632  
Invalid: 607

#### Literal question

I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

The educational system does not produce enough people with up to date knowledge of methods, materials, and technology

The educational system does not produce enough people with good job attitude and (MYA160)

File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 632  
Invalid: 607

#### Literal question

I am going to read statements describing the educational system in Myanmar. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

The educational system does not produce enough people with good job attitude and self-discipline

Rotation (m1d)

File: Myanmar\_2014\_2016

#### Overview

## Rotation (m1d)

### File: Myanmar\_2014\_2016

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

Valid cases: 632  
Invalid: 607

#### 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.

Rotation

## Total annual costs of fuel (n2f)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-3744000000

Valid cases: 353  
Invalid: 886

#### Pre question

1) SHOW CARD

#### Literal question

From this establishment's Income Statement for fiscal year 2012/2013 (FY), please provide the following information:  
Total annual costs of fuel

#### 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

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

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, fork lifts, or other motor vehicles associated with the establishment.

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.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

## Land and buildings (n6b)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-2850000000

Valid cases: 353  
Invalid: 886

## Land and buildings (n6b)

### File: Myanmar\_2014\_2016

#### Literal question

At the end of fiscal year 2012/2013 (FY), what was the net book value, that is the value of assets after depreciation, of the following:

Land and buildings

#### 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.

## Land and buildings (n7b)

### File: Myanmar\_2014\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-25018600000

Valid cases: 353  
Invalid: 886

#### Literal question

Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost?

Land and buildings

#### Interviewer instructions

This question is designed to ascertain the market value of the establishment's assets. 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.

## Sampling panel information from final progress report (V386)

### File: Myanmar\_2014\_2016

#### Overview

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

Valid cases: 632  
Invalid: 607

## group(a2 a4anew a6a) (V387)

### File: Myanmar\_2014\_2016

#### Overview

## group(a2 a4anew a6a) (V387)

File: Myanmar\_2014\_2016

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: -9-42

Valid cases: 632  
 Invalid: 607

## ID number of 2014 survey (id2014)

File: Myanmar\_2014\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-9451

Valid cases: 632  
 Invalid: 607

## ID number of 2016 survey (id2016)

File: Myanmar\_2014\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 6-4826

Valid cases: 607  
 Invalid: 632  
 Minimum: 6  
 Maximum: 4826

## Related Materials

### Questionnaires

#### Manufacturing Module Questionnaire 2016

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Title        Manufacturing Module Questionnaire 2016  
 Language English  
 Filename Myanmar 2016 ES Manufacturing.pdf

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#### Services Module Questionnaire 2016

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Title        Services Module Questionnaire 2016  
 Language English  
 Filename Myanmar 2016 ES Services.pdf

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#### Show Cards for Myanmar ES 2016

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Title        Show Cards for Myanmar ES 2016  
 Language English  
 Filename Myanmar 2016 ES Show Cards.pdf

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#### Manufacturing Module Questionnaire 2014

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Title        Manufacturing Module Questionnaire 2014  
 Language English  
 Filename Myanmar 2014 ES Manufacturing.pdf

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#### Services Module Questionnaire 2014

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Title        Services Module Questionnaire 2014  
 Language English  
 Filename Myanmar 2014 ES Services.pdf

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#### Show Cards for Myanmar ES 2014

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Title        Show Cards for Myanmar ES 2014  
 Language English  
 Filename Myanmar 2014 ES Show Cards.pdf

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### Reports

#### Myanmar Country Profile 2016

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Title        Myanmar Country Profile 2016  
 Language English  
 Filename <https://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Myanmar-2016.pdf>

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## Technical documents

### Description of Myanmar ES 2016 Implementation

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Title Description of Myanmar ES 2016 Implementation  
Language English  
Filename Myanmar 2016 ES Implementation Report.pdf

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### Description of Myanmar ES 2014 Implementation

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Title Description of Myanmar ES 2014 Implementation  
Language English  
Filename Myanmar 2014 Implementation Report.pdf

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### General Structure of Enterprise Surveys Panel Datasets

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Title General Structure of Enterprise Surveys Panel Datasets  
Language English  
Filename Notes on Panel Datasets.pdf

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