

# Malaysia - Enterprise Survey 2015

**World Bank**

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# Sampling

## Sampling Procedure

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The sample was selected using stratified random sampling. Three levels of stratification were used in this country: industry, establishment size, and region.

Industry stratification was designed in the way that follows: the universe was stratified into five manufacturing industries and two services industries- Food and Beverages (ISIC Rev. 3.1 code 15), Garments (ISIC code 18), Chemicals (ISIC code 24), Electronic Products (ISIC codes 31 and 32), Other Manufacturing (ISIC codes 16,17,19-23,25-29,30,33-37), Retail (ISIC code 52) and Other Services (ISIC codes 45, 50, 51, 55, 60-64, and 72).

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

Regional stratification for the Malaysia ES was done across five regions: Central, South, North, East Coast and East Malaysia.

The sample frame consisted of listings of firms from Malaysia Department of Statistics (DOS); no panel firms were included in the sample frame for the Malaysia 2015 ES.

The quality of the frame was enhanced by the verification process conducted by Mekong Economics. However, the sample frame was not immune from the typical problems found in establishment surveys: positive rates of non-eligibility, repetition, non-existent units, etc.

Given the impact that non-eligible units included in the sample universe may have on the results, adjustments may be needed when computing the appropriate weights for individual observations. The percentage of confirmed non-eligible units as a proportion of the total number of sampled establishments contacted for the survey was 3.1% (82 out of 2,672 establishments).

## Response Rate

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

Item non-response was addressed by two strategies:

- a- For sensitive questions that may generate negative reactions from the respondent, such as corruption or tax evasion, enumerators were instructed to collect "Refusal to respond" (-8) as a different option from "Don't know" (-9).
- b- Establishments with incomplete information were re-contacted in order to complete this information, whenever necessary.

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

The number of interviews per contacted establishments was 0.38. This number is the result of two factors: explicit refusals to participate in the survey, as reflected by the rate of rejection (which includes rejections of the screener and the main survey) and the quality of the sample frame, as represented by the presence of ineligible units. The number of rejections per contact was 0.08.

## 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.

# Questionnaires

## Overview

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

## Data Collection

### Data Collection Dates

Start	End	Cycle
2015-03	2016-05	N/A

### Data Collection Mode

Face-to-face [f2f]

#### DATA COLLECTION NOTES

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

The 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/Director of each establishment. All Enterprise Surveys are conducted in the local languages.

### Data Collectors

Name	Abbreviation	Affiliation
Conversation Zone		

# 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

## malaysia\_2015\_full\_data

### Content

Cases 1000

Variable(s) 352

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V1386	idstd	WEB STD FIRMID	discrete	numeric	
V1387	id		discrete	numeric	
V1388	preference		discrete	numeric	
V1389	rotation		discrete	numeric	
V1390	a0	Questionnaire	discrete	numeric	
V1391	a1	Country Code	discrete	numeric	
V1392	a1a	Language Of The Interview	discrete	numeric	
V1393	a2	Sampling Region	discrete	numeric	
V1394	a3a	Region Of The Establishment	discrete	numeric	
V1395	a3a2	Currency used in accounting records	discrete	numeric	
V1396	a3x	City/ Town/ Village	discrete	character	
V1397	a3b	Is this city the official capital city?	discrete	numeric	Is this city the official capital city?
V1398	a3c	Is this city the main business city?	discrete	numeric	Is this city the main business city?
V1399	a3	Size Of Locality	discrete	numeric	
V1400	a4a	Industry Sampling Sector	discrete	numeric	
V1401	a4b	Industry Screener Sector	discrete	numeric	
V1402	a5	Sector Match Between Screener Information And Sample Frame	discrete	numeric	Sector match between screener information and sample frame
V1403	a6a	Sampling Size	discrete	numeric	
V1404	a6b	Screener Size	discrete	numeric	
V1405	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V1406	a7a	Number Of Establishments In The Firm	discrete	numeric	
V1407	a8a	Type Of Establishment	discrete	numeric	
V1408	a9	Establishment's Financial Statements Prepared Separately from HQ Statements	discrete	numeric	Are establishment's financial statements prepared separately from HQ's statements?
V1409	a10	Establishment's Financial Statements Separate from Other Establishments	discrete	numeric	Are establishment's financial statements prepared separately from other establishments of the same firm?

ID	Name	Label	Type	Format	Question
V1410	a11	If HQ, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	If HQ, are financial statements independent from the rest of establishments?
V1411	a11a	How Many Establishments Are Included In The Financial Statements?	discrete	numeric	
V1412	a12	Interviewer Number	discrete	numeric	Interviewer code
V1413	a13	Supervisor Number	discrete	numeric	Supervisor code
V1414	a14d	Day	discrete	numeric	Date face-to-face interview begins: Day (dd)
V1415	a14m	Month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V1416	a14y	Year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)
V1417	a14h	Hour	discrete	numeric	Time face-to-face interview begins: Hour (00 to 23)
V1418	a14min	Minutes	discrete	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V1419	aaa3a3w	The starting month of the last complete fiscal year	discrete	numeric	
V1420	aaa3a3x	The current month	discrete	numeric	
V1421	aaa3a3y	Last complete fiscal year	discrete	numeric	
V1422	aaa3a3z	Last complete fiscal year minus two	discrete	numeric	
V1423	b1	Legal Status of the Firm	discrete	numeric	What is this firm's current legal status?
V1424	b1x	Other (Specify)	discrete	character	What is this firm's current legal status? Other
V1425	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?
V1426	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
V1427	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
V1428	b2c	% owned by Government/State	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V1429	b2d	% owned by Other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V1430	b4	Amongst the owners of the firm, are there any females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V1431	b4a	What percentage of the firm is owned by females?	discrete	numeric	What percentage of the firm is owned by females?
V1432	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V1433	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

ID	Name	Label	Type	Format	Question
V1434	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V1435	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V1436	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?
V1437	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V1438	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V1439	b8x	Internationally-recognized certifications	discrete	character	Please specify the internationally-recognized quality certifications
V1440	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?
V1441	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?
V1442	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?
V1443	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?
V1444	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?
V1445	c8a	How long did these power outages last on average? (Hours)	discrete	numeric	How long did these power outages last on average?
V1446	c8b	How long did these power outages last on average? (Minutes)	discrete	numeric	How long did these power outages last on average?
V1447	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
V1448	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
V1449	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?
V1450	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?

ID	Name	Label	Type	Format	Question
V1451	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?
V1452	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?
V1453	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?
V1454	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?
V1455	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?
V1456	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?
V1457	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?
V1458	c22b	Establishment has its own website	discrete	numeric	At the present time, does this establishment use its own website?
V1459	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?
V1460	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?
V1461	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)?
V1462	d1a2	First Product/Service Isic Code	discrete	numeric	Using this card, please choose the 4-digit code that best applies to the main product of this establishment.
V1463	d1a3	First Product/Service, Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V1464	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?
V1465	d2x	Establishment's total annual sales (in words)	discrete	character	In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for ALL products and services?
V1466	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?

ID	Name	Label	Type	Format	Question
V1467	n3x	Establishment's total annual sales 3 years ago (in words)	discrete	character	In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?
V1468	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
V1469	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)
V1470	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
V1471	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?
V1472	ead4a	In fiscal year 2013, when this establishment exported goods directly, was a gif	discrete	numeric	
V1473	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?
V1474	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?
V1475	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?
V1476	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?
V1477	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?
V1478	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

ID	Name	Label	Type	Format	Question
V1479	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
V1480	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?
V1481	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?
V1482	d16	Avg. days of inventory of most important input kept by establishment	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?
V1483	d17	Avg. days of inventory of main sales item kept by establishment	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?
V1484	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?
V1485	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?
V1486	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?
V1487	e2b	In main market, number of competitors faced by establishment's main product	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?
V1488	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?
V1489	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V1490	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?



ID	Name	Label	Type	Format	Question
V1491	h1	New or signif. improved product introduced in last three years?	discrete	numeric	In the last three years, has this establishment introduced new products or services?
V1492	h2	New or signif. improved product also new to the establishment's main market?	discrete	numeric	Was the new product or service also new for the establishment's main market?
V1493	eah2x	describe the main new or significantly improved product or service that this est	discrete	character	Please describe in detail the main new or significantly improved product or service that this establishment introduced during the last three years.
V1494	eah2a	% of sales from the main new or significantly improved product or service	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's total sales was represented by sales from the main new or significantly improved product or service?
V1495	eah4a	Does main new or significantly improved product or service have completely new f	discrete	numeric	I will now ask you a few questions about the main new or significantly improved product or service compared with all other products and services already produced in this establishment. Does it have completely new functions?
V1496	eah4b	Is main new or significantly improved product or service cheaper to produce or o	discrete	numeric	I will now ask you a few questions about the main new or significantly improved product or service compared with all other products and services already produced in this establishment. Is it cheaper to produce or offer?
V1497	eah4c	Is main new or significantly improved product or service a better quality produc	discrete	numeric	I will now ask you a few questions about the main new or significantly improved product or service compared with all other products and services already produced in this establishment. Is it a better quality product or service?
V1498	eah10	By who was the main new or significantly improved product or service developed?	discrete	numeric	By who was the main new or significantly improved product or service developed?
V1499	eah11a	During the last three years, did this establishment attempt to develop a new or	discrete	numeric	During the last three years, did this establishment attempt to develop a new or significantly improved product or service that was Abandoned or suspended before completion
V1500	eah11b	During the last three years, did this establishment attempt to develop a new or	discrete	numeric	During the last three years, did this establishment attempt to develop a new or significantly improved product or service that was Still ongoing at the end of fiscal year [insert last complete fiscal year]
V1501	h3	New or sig. impvd method of manf product or offering services in last 3 years?	discrete	numeric	In the last three years, has this establishment introduced any new or significantly improved methods of manufacturing products or offering services?
V1502	h4a	New or significantly improved logistics, delivery, or distribution methods?	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?

ID	Name	Label	Type	Format	Question
V1503	h4b	New or significantly improved organizational structures/management practices?	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?
V1504	eah12a	Does the main new or significantly improved process Automate manual processes, p	discrete	numeric	Does the main new or significantly improved process: Automate manual processes, partially or fully?
V1505	eah12b	Does the main new or significantly improved process Introduce a new technology o	discrete	numeric	Does the main new or significantly improved process: Introduce a new technology or method?
V1506	eah13	By who was the main new or significantly improved process developed	discrete	numeric	By who was the main new or significantly improved process developed?
V1507	h5	New or sig. impvd organizational structure introduced in last 3 years?	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved organizational structures or management practices?
V1508	eah14a	During the last three years, did the establishment create a new unit or departme	discrete	numeric	During the last three years, did the establishment make any changes in its organizational structure in any of the following ways: Create a new unit or department
V1509	eah14b	During the last three years, did the establishment dissolve any units or departm	discrete	numeric	During the last three years, did the establishment make any changes in its organizational structure in any of the following ways: Dissolve any units or department
V1510	eah14c	During the last three years, did the establishment merge any units or department	discrete	numeric	During the last three years, did the establishment make any changes in its organizational structure in any of the following ways: Merge any units or department
V1511	h6	New or signif. improved marketing method introduced in last three years?	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved marketing methods?
V1512	h7	During the last three years, did establ. spend on formal R&D activities?	discrete	numeric	During the last three years, did this establishment spend on formal research and development activities, either in-house or contracted with other companies?
V1513	h8	How much did this establishment spend on formal research and development?	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?
V1514	eah15	During the last three years did this establishment provide formal training to an	discrete	numeric	During the last three years did this establishment provide formal training to any of its employees specifically for the development and/or introduction of new or significantly improved products or services and processes?
V1515	eah16	During the last three years did this establishment purchase or license any paten	discrete	numeric	During the last three years did this establishment purchase or license any patented or non-patented inventions, or other types of knowledge for the development of new or significantly improved products or services and processes?

ID	Name	Label	Type	Format	Question
V1516	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)?
V1517	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?
V1518	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
V1519	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
V1520	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
V1521	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
V1522	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
V1523	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other
V1524	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?
V1525	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?
V1526	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?
V1527	g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V1528	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment?
V1529	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment?
V1530	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?

ID	Name	Label	Type	Format	Question
V1531	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?
V1532	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
V1533	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
V1534	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?
V1535	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
V1536	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
V1537	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?
V1538	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?
V1539	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?
V1540	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

ID	Name	Label	Type	Format	Question
V1541	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)
V1542	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
V1543	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
V1544	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.)
V1545	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?
V1546	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)
V1547	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
V1548	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
V1549	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
V1550	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)

ID	Name	Label	Type	Format	Question
V1551	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
V1552	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
V1553	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)
V1554	k5a1	Last FY, value of 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
V1555	k5i1	Last FY, value of Fixed Assets Funded By: Owners' Contributions Or Issued New Eq	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
V1556	k5bc1	Last FY, value of 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
V1557	k5e1	Last FY, value of 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
V1558	k5f1	Last FY, value of Fixed Assets Funded By: Credit From Suppliers/Advances From Cu	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
V1559	k5hdj1	Last FY, value of Fixed Assets Funded By: Other (Money Lenders\Friends\Relative	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.

ID	Name	Label	Type	Format	Question
V1560	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?
V1561	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V1562	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?
V1563	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?
V1564	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?
V1565	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?
V1566	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?
V1567	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
V1568	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
V1569	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
V1570	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.)
V1571	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
V1572	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?
V1573	k15b	What is the total number of outstanding loans or lines	discrete	numeric	What is the total number of outstanding loans or lines of credit held by this establishment?
V1574	k15c	What is the total value of outstanding loans or lines	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?
V1575	k15d	does the owner or owners of this establishment have an	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?



ID	Name	Label	Type	Format	Question
V1576	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?
V1577	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?
V1578	k20a1	The outcome of the most recent application for a line of credit or loan	discrete	numeric	Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?
V1579	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?
V1580	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?
V1581	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."
V1582	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]
V1583	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?
V1584	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?
V1585	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?
V1586	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?
V1587	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
V1588	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
V1589	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
V1590	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?
V1591	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?
V1592	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?
V1593	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?
V1594	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?
V1595	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?
V1596	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
V1597	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
V1598	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
V1599	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
V1600	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
V1601	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
V1602	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
V1603	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
V1604	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
V1605	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]
V1606	l4a	Num. Full-time Employees At End Of Last Fiscal Yr: Skilled Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Skilled production workers
V1607	l4b	Num. Full-time Employees At End Of Last Fiscal Yr: Unskilled Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Unskilled production workers

ID	Name	Label	Type	Format	Question
V1608	eal4c	Permanent, full-time skilled non-production workers at the end of last fiscal yr	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Skilled workers [e.g., managers, administration, sales]
V1609	eal4d	Permanent, full-time unskilled non-production workers at the end of last fiscal	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Unskilled workers
V1610	eal5a	Permanent, full-time female skilled production workers at the end of last fiscal	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories? Female skilled production workers
V1611	eal5b	Permanent, full-time female unskilled production workers at the end of last fisc	discrete	numeric	At the end of fiscal year [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
V1612	eal5c	Permanent, full-time female skilled non-production workers at the end of last fi	discrete	numeric	At the end of fiscal year [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
V1613	eal5d	Permanent, full-time female unskilled non-production workers at the end of last	discrete	numeric	At the end of fiscal year [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
V1614	eal5s	MARK	discrete	numeric	
V1615	I5a	Num. Full-time Employees At End Of Last Fiscal Yr: female production workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time production employees
V1616	I5b	Num. Full-time Employees At End Of Last Fiscal Yr: female non-production workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time non-production employees
V1617	I5	Num. Full-time Employees At End Of Last Fiscal Yr: female	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female?
V1618	eal5a1	Permanent, full-time skilled workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Skilled workers [e.g., managers, administration, sales]

ID	Name	Label	Type	Format	Question
V1619	eal5a2	Permanent, full-time unskilled workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were: Unskilled workers
V1620	eal5b1	Female permanent, full-time skilled workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were: Female skilled workers
V1621	eal5b2	Female permanent, full-time unskilled workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were: Female unskilled workers
V1622	l6	Num. Full-Time Temporary Employees At End Of Last Fiscal Yr	discrete	numeric	How many full-time temporary employees did this establishment employ in fiscal year [insert last complete fiscal year]?
V1623	l6a	Full-time female seasonal or temporary workers employed	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
V1624	l8	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]?
V1625	l9a	Average Years Of Education For 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
V1626	l9a2	Average number of years of education of typical female	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
V1627	l9b	% Of Full Time Workers Completed High School	discrete	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V1628	l10	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?
V1629	eal10a	The main reason why this establishment did not have formal training programs	discrete	numeric	Please indicate the main reason why this establishment did not have formal training programs?
V1630	eal10b	The primary focus of the formal training programs	discrete	numeric	What was the primary focus of the formal training programs?
V1631	eal11a	% permanent, full-time, skilled production workers received formal training	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Skilled production workers trained

ID	Name	Label	Type	Format	Question
V1632	eal11b	% permanent, full-time unskilled production workers received formal training	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Unskilled production workers trained
V1633	eal11c	% permanent, full-time skilled non-production workers received formal training	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Skilled non-production workers trained
V1634	eal11d	% permanent, full-time unskilled non-production workers received formal training	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? Unskilled non-production workers trained
V1635	eal12	Over the last two years, were any of the permanent full-time workers of this est	discrete	numeric	Over the last two years, were any of the permanent full-time workers of this establishment terminated or left due to lack of the required skills?
V1636	eal13	Over the last two years, were any of the permanent full-time workers of this est	discrete	numeric	Over the last two years, were any of the permanent full-time workers of this establishment terminated or left due to poor performance?
V1637	eal14	Over the last two years, did this establishment have any vacancies	discrete	numeric	Over the last two years, did this establishment have any vacancies?
V1638	eal15a	How many of these vacancies were in the skilled non-production workers	discrete	numeric	Over the last two years, how many vacancies were for skilled non-production workers?
V1639	eal16a	How many of these vacancies were filled for skilled non-production workers	discrete	numeric	How many of these vacancies for skilled non-production workers were filled?
V1640	eal17a	What was the average number of weeks required to fill these vacancies (skilled n	discrete	numeric	What was the average number of weeks required to fill these vacancies for skilled non-production workers?
V1641	myal17	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?
V1642	myal18a	Did the establishment encounter any of the following problems when trying to hir	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
V1643	myal18b	Did the establishment encounter any of the following problems when trying to hir	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
V1644	myal18c	Did the establishment encounter any of the following problems when trying to hir	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

ID	Name	Label	Type	Format	Question
V1645	myal18d	Did the establishment encounter any of the following problems when trying to hir	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
V1646	myal18e	Did the establishment encounter any other problems when trying to hire a manager	discrete	numeric	Did the establishment encounter any other problems when trying to hire a manager or senior-level professional?
V1647	myal18x	specify other problems encountered by the establishment when trying to hire a ma	discrete	character	Please specify other problems encountered by the establishment when trying to hire a manager or senior-level professional.
V1648	myal24	Over the last two years, did this establishment try to hire any (non-production)	discrete	numeric	Over the last two years, did this establishment try to hire any (non-production) technicians, associate professionals, or sales workers?
V1649	myal25a	Did the establishment encounter any of the following problems when trying to hir	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
V1650	myal25b	Did the establishment encounter any of the following problems when trying to hir	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
V1651	myal25c	Did the establishment encounter any of the following problems when trying to hir	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
V1652	myal25d	Did the establishment encounter any of the following problems when trying to hir	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
V1653	myal25e	Did the establishment encounter any other problems when trying to hire a (non-pr	discrete	numeric	Did the establishment encounter any other problems when trying to hire non-production technicians, associate professionals, and sales workers?
V1654	myal25x	specify other problems encountered by the establishment when trying to hire non-	discrete	character	Please specify other problems encountered by the establishment when trying to hire non-production technicians, associate professionals, and sales workers.
V1655	eal15b	How many vacancies were in the unskilled non-production workers	discrete	numeric	Over the last two years, how many vacancies were for unskilled non-production workers?
V1656	eal16b	How many of these vacancies were filled (unskilled non-production workers)?	discrete	numeric	How many of these vacancies for unskilled non-production workers were filled?
V1657	eal17b	What was the average number of weeks required to fill these vacancies (unskilled	discrete	numeric	What was the average number of weeks required to fill these vacancies for unskilled non-production workers?

ID	Name	Label	Type	Format	Question
V1658	myal32a	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled non-production workers? There were no or few applicants
V1659	myal32b	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled non-production workers? Applicants lacked required skills
V1660	myal32c	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled non-production workers? Applicants expected higher wages than the establishment can offer
V1661	myal32d	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled non-production workers? Applicants did not like the working conditions
V1662	myal32e	Did the establishment encounter any other problems when trying to hire a (non-pr	discrete	numeric	Did the establishment encounter any other problems when trying to hire unskilled non-production workers?
V1663	myal32x	specify other problems encountered by the establishment when trying to hire unsk	discrete	character	Please specify other problems encountered by the establishment when trying to hire unskilled non-production workers.
V1664	eal15c	How many vacancies were in the skilled production workers	discrete	numeric	Over the last two years, how many vacancies were for skilled production workers?
V1665	eal16c	How many of these vacancies were filled (skilled production workers)?	discrete	numeric	How many of these vacancies for skilled production workers were filled?
V1666	eal17c	What was the average number of weeks required to fill these vacancies (skilled p	discrete	numeric	What was the average number of weeks required to fill these vacancies for skilled production workers?
V1667	myal39a	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire skilled production workers? There were no or few applicants
V1668	myal39b	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire skilled production workers? Applicants lacked required skills
V1669	myal39c	Did the establishment encounter any of the following problems when trying to hir	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
V1670	myal39d	Did the establishment encounter any of the following problems when trying to hir	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
V1671	myal39e	Did the establishment encounter any other problems when trying to hire a skilled	discrete	numeric	Did the establishment encounter any other problems when trying to hire skilled production workers?
V1672	myal39x	specify other problems encountered by the establishment when trying to hire skill	discrete	character	Please specify other problems encountered by the establishment when trying to hire skilled production workers.



ID	Name	Label	Type	Format	Question
V1673	eal15d	How many vacancies were in the unskilled production workers	discrete	numeric	Over the last two years, how many vacancies were for unskilled production workers?
V1674	eal16d	How many of these vacancies were filled (unskilled production workers)?	discrete	numeric	How many of these vacancies for unskilled production workers were filled?
V1675	eal17d	What was the average number of weeks required to fill these vacancies (unskilled	discrete	numeric	What was the average number of weeks required to fill these vacancies for unskilled production workers?
V1676	myal46a	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled production workers? There were no or few applicants
V1677	myal46b	Did the establishment encounter any of the following problems when trying to hir	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire unskilled production workers? Applicants lacked required skills
V1678	myal46c	Did the establishment encounter any of the following problems when trying to hir	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
V1679	myal46d	Did the establishment encounter any of the following problems when trying to hir	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
V1680	myal46e	Did the establishment encounter any other problems when trying to hirea unskille	discrete	numeric	Did the establishment encounter any other problems when trying to hire unskilled production workers?
V1681	myal46x	specify other problems encountered by the establishment when trying to hire unsk	discrete	character	Please specify other problems encountered by the establishment when trying to hire unskilled production workers.
V1682	eal18a	Over the last two years, using this card, please indicate the degree of difficul	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Managerial and leadership skills
V1683	eal18b	Over the last two years, using this card, please indicate the degree of difficul	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Interpersonal and communication skills
V1684	eal18c	Over the last two years, using this card, please indicate the degree of difficul	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Writing skills
V1685	eal18d	Over the last two years, using this card, please indicate the degree of difficul	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Work ethic and commitment
V1686	eal18e	Over the last two years, using this card, please indicate the degree of difficul	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Foreign language skills



ID	Name	Label	Type	Format	Question
V1687	eal18f	Over the last two years, using this card, please indicate the degree of difficult	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Computer or general IT skills
V1688	eal18g	Over the last two years, using this card, please indicate the degree of difficult	discrete	numeric	Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills: Technical skills (other than IT), vocational, or job-specific skills
V1689	eal19	How many unfilled vacancies does this establishment currently have?	discrete	numeric	How many unfilled vacancies does this establishment currently have?
V1690	eal20	Have any of these unfilled vacancies being vacant for more than four months?	discrete	numeric	Have any of these unfilled vacancies being vacant for more than four months?
V1691	myal52a1	In one year from now, how many permanent, full-time individuals do you expect to	discrete	numeric	In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]? Skilled non-production workers: Managers and senior-level professionals
V1692	myal52a2	In one year from now, how many permanent, full-time individuals do you expect to	discrete	numeric	In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]? Skilled non-production workers: Technicians, associate professionals, and sales
V1693	myal52b	In one year from now, how many permanent, full-time individuals do you expect to	discrete	numeric	In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]? Unskilled non-production workers
V1694	myal52c	In one year from now, how many permanent, full-time individuals do you expect to	discrete	numeric	In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]? Skilled production workers
V1695	myal52d	In one year from now, how many permanent, full-time individuals do you expect to	discrete	numeric	In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]? Unskilled production workers
V1696	l30a	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?
V1697	l30b	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?
V1698	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

ID	Name	Label	Type	Format	Question
V1699	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)
V1700	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
V1701	n2f	Total Annual Costs Of Fuel 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 fuel
V1702	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
V1703	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
V1704	n2p	Total costs of production	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)
V1705	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
V1706	n6b	Net Book Value Of Land And Buildings 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: Land and buildings
V1707	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
V1708	n7b	Cost For Establishment To Re-Purchase All Of Its 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
V1709	a15a1ax	Main Respondent Position In The Firm	discrete	character	
V1710	a15a2a	Main Respondent Years Working In The Firm:	discrete	numeric	
V1711	a15a3	Main respondent's gender	discrete	numeric	
V1712	a15a1bx	Second Respondent Position In The Firm	discrete	character	

ID	Name	Label	Type	Format	Question
V1713	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	
V1714	a15b3	Second respondent's gender	discrete	numeric	
V1715	a15a1cx	Third Respondent Position In The Firm	discrete	character	
V1716	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	
V1717	a15c3	Third respondent's gender	discrete	numeric	
V1718	a15d	Day	discrete	numeric	Time face-to-face interview ends
V1719	a15m	Month	discrete	numeric	Time face-to-face interview ends
V1720	a15y	Year	discrete	numeric	Time face-to-face interview ends
V1721	a15h	Hour	discrete	numeric	Time face-to-face interview ends
V1722	a15min	Minutes	discrete	numeric	Time face-to-face interview ends
V1723	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:
V1724	a17	Responses To The Questions About Figures Are:	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V1725	a17x	Interviewer comments	discrete	character	
V1726	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V1727	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	discrete	numeric	
V1728	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	discrete	numeric	
V1729	stratificationregioncode	stratification region code	discrete	numeric	
V1730	stratificationsizecode	stratification size code	discrete	numeric	
V1731	stratificationsectorcode	stratification sector code	discrete	numeric	
V1732	wstrict	Weight according to strict eligibility	discrete	numeric	
V1733	wmedian	Weight according to median eligibility	discrete	numeric	
V1734	wweak	Weight according to weak eligibility	discrete	numeric	
V1735	strata	see notes	discrete	numeric	
V1736	l11a	% 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
V1737	l11b	% 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



## WEB STD FIRMID (idstd)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: -9-604074	

## (id)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: -9-3316	

## (preference)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-68	

## (rotation)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 1000
Width: 2	
Decimals: 0	
Range: -9--7	

## Questionnaire (a0)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

## Questionnaire (a0)

File: malaysia\_2015\_full\_data

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

## Country Code (a1)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-120	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Country: self-explanatory

## Language Of The Interview (a1a)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-8	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Sampling Region (a2)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

### 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

## Region Of The Establishment (a3a)

File: malaysia\_2015\_full\_data

### Overview

## Region Of The Establishment (a3a)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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

## Currency used in accounting records (a3a2)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 8-8

Valid cases: 1000  
Invalid: 0

## City/ Town/ Village (a3x)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 22

Valid cases: 1000

## Is this city the official capital city? (a3b)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Is this city the official capital city?

## Is this city the main business city? (a3c)

File: malaysia\_2015\_full\_data

### Overview

## Is this city the main business city? (a3c)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

## Industry Sampling Sector (a4a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

## Industry Screener Sector (a4b)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-72

Valid cases: 1000  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions



## Industry Screener Sector (a4b)

File: malaysia\_2015\_full\_data

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

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Sector match between screener information and sample frame

### Interviewer instructions

Self-explanatory

## Sampling Size (a6a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment taken from the sample frame

## Screener Size (a6b)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment as determined with the screener questionnaire

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Type Of Establishment (a8a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 172  
Invalid: 828

## Establishment's Financial Statements Prepared Separately from HQ Statements (a9)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 75  
Invalid: 925

### 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

## Establishment's Financial Statements Separate from Other Establishments (a10)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 75  
Invalid: 925

### 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

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 97  
Invalid: 903

### 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

## How Many Establishments Are Included In The Financial Statements? (a11a)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-22

Valid cases: 97  
Invalid: 903

## Interviewer Number (a12)

File: malaysia\_2015\_full\_data

### Overview

## Interviewer Number (a12)

### File: malaysia\_2015\_full\_data

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-9999

Valid cases: 1000  
 Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

Interviewer code

#### Interviewer instructions

Information taken from the screener questionnaire

## Supervisor Number (a13)

### File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-9001

Valid cases: 1000  
 Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

Supervisor code

#### Interviewer instructions

Information taken from the screener questionnaire

## Day (a14d)

### File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: -9-31

Valid cases: 1000  
 Invalid: 0

#### 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: malaysia\_2015\_full\_data

#### Overview

## Month (a14m)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Literal question

Date face-to-face interview begins:  
Year (yyyy)

## Hour (a14h)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-23

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Minutes (a14min)

File: malaysia\_2015\_full\_data

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-59

Valid cases: 1000  
Invalid: 0

#### 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

The starting month of the last complete fiscal year (eaa3a3w)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

The current month (eaa3a3x)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

Last complete fiscal year (eaa3a3y)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-6

Valid cases: 1000  
Invalid: 0

Last complete fiscal year minus two (eaa3a3z)

File: malaysia\_2015\_full\_data

#### Overview

## Last complete fiscal year minus two (eaa3a3z)

File: malaysia\_2015\_full\_data

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-6

Valid cases: 1000  
Invalid: 0

## Legal Status of the Firm (b1)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

## Legal Status of the Firm (b1)

### File: malaysia\_2015\_full\_data

A firm's legal status is information well known for the target respondent: CEO, General Manager or owner of the firm. ENUMERATORS DO NOT NEED TO KNOW THE DEFINITION OF EACH TYPE OF LEGAL STATUS.

A firm's legal status is first determined by whether participation on ownership is by shares (first 2 options) or not (options 3 and 4). The fifth option is a combination of the previous ones.

If a firm's shares are publicly traded, it is a shareholding company with shares traded in the stock market. If the shares are not traded or they are traded only privately it is a shareholding company with shares traded privately. A shareholding company with shares traded privately is a firm that is owned by partners or shareholders for whom their claims over the firm are not publicly traded. They may or may not be traded privately. In both of these categories firms have limited liability.

A sole proprietorship is a business owned and operated by one individual natural person. A natural person is a real human being, as opposed to an artificial legal entity such as a corporation or organization that the law treats for some purposes as if it were a person distinct from its members or owner(s).

A firm's legal status defines the extent of the liability which defines the level of responsibility of the owner over the firm's obligations. Under limited liability each owner is only responsible for the proportion of his/her shares.

A partnership allows two or more people to share profits and liabilities, with or without privately held shares. In a partnership, the parties could be individuals, corporations, trusts, other partnerships, or a combination of all of the above. The essential characteristic of this partnership is the unlimited liability of every partner.

Limited partnership is a legal form that includes one or several general partners and one or more limited partners who invest capital into the partnership, but do not take part in the daily operation or management of the business. The limited partners limit their amount of liability to the amount of capital invested in the partnership. The general partners personally shoulder all debts and obligations of the partnership. Business operations are governed, unless otherwise specified in a written agreement, by majority vote of voting partners. Limited liability partnerships are separate legal entities that provide liability protection for all general partners as well as management rights in the business.

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: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

#### Literal question

What is this firm's current legal status?

Other

#### Interviewer instructions



## Other (Specify) (b1x)

### File: malaysia\_2015\_full\_data

A firm's legal status is information well known for the target respondent: CEO, General Manager or owner of the firm. ENUMERATORS DO NOT NEED TO KNOW THE DEFINITION OF EACH TYPE OF LEGAL STATUS.

A firm's legal status is first determined by whether participation on ownership is by shares (first 2 options) or not (options 3 and 4). The fifth option is a combination of the previous ones.

If a firm's shares are publicly traded, it is a shareholding company with shares traded in the stock market. If the shares are not traded or they are traded only privately it is a shareholding company with shares traded privately. A shareholding company with shares traded privately is a firm that is owned by partners or shareholders for whom their claims over the firm are not publicly traded. They may or may not be traded privately. In both of these categories firms have limited liability.

A sole proprietorship is a business owned and operated by one individual natural person. A natural person is a real human being, as opposed to an artificial legal entity such as a corporation or organization that the law treats for some purposes as if it were a person distinct from its members or owner(s).

A firm's legal status defines the extent of the liability which defines the level of responsibility of the owner over the firm's obligations. Under limited liability each owner is only responsible for the proportion of his/her shares.

A partnership allows two or more people to share profits and liabilities, with or without privately held shares. In a partnership, the parties could be individuals, corporations, trusts, other partnerships, or a combination of all of the above. The essential characteristic of this partnership is the unlimited liability of every partner.

Limited partnership is a legal form that includes one or several general partners and one or more limited partners who invest capital into the partnership, but do not take part in the daily operation or management of the business. The limited partners limit their amount of liability to the amount of capital invested in the partnership. The general partners personally shoulder all debts and obligations of the partnership. Business operations are governed, unless otherwise specified in a written agreement, by majority vote of voting partners. Limited liability partnerships are separate legal entities that provide liability protection for all general partners as well as management rights in the business.

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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

#### Overview

## % owned by Private Domestic Individuals, Companies Or Organizations (b2a)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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%

## Amongst the owners of the firm, are there any females? (b4)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Literal question

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

## What percentage of the firm is owned by females? (b4a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 387  
Invalid: 613

### Literal question

What percentage of the firm is owned by females?

## Year Establishment Began Operations (b5)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2014

Valid cases: 1000  
Invalid: 0

### Pre question

READ ONLY IF A7=1 (yes)  
I want to proceed by asking you about this establishment only.

### Literal question

In what year did this establishment begin operations?

### Post question

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

### Interviewer instructions

The objective of this question is to obtain the year in which operations started regardless of who was the owner at the time.

The year when the establishment began operation refers to the year in which the establishment actually started producing (or providing services), not to the year in which it was registered for the first time.

If the establishment was privatized, then the date provided should refer to when the original government-owned establishment began operations.

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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2500

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2014

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Literal question

Is the Top Manager female?

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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.

## Internationally-recognized certifications (b8x)

File: malaysia\_2015\_full\_data

## Internationally-recognized certifications (b8x)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 51

Valid cases: 288

### Literal question

Please specify the internationally-recognized quality certifications

## Application To Obtain An electrical connection Submitted Over The Last 2 Years (c3)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 95  
Invalid: 905

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 95  
Invalid: 905

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-14

Valid cases: 178  
Invalid: 822

### 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



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

File: malaysia\_2015\_full\_data

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.

## How long did these power outages last on average? (Hours) (c8a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 106  
Invalid: 894

### Literal question

How long did these power outages last on average?

## How long did these power outages last on average? (Minutes) (c8b)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 106  
Invalid: 894

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-40

Valid cases: 164  
Invalid: 836

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-300000

Valid cases: 14  
Invalid: 986

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 207  
Invalid: 793

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 41  
Invalid: 959

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 41  
Invalid: 959

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 926

### 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

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 52  
Invalid: 948

### Literal question

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

### Interviewer instructions

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

File: malaysia\_2015\_full\_data

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

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

File: malaysia\_2015\_full\_data

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 168

Valid cases: 1000

### 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.

## First Product/Service Isic Code (d1a2)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-7290

Valid cases: 1000  
Invalid: 0

### 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.

## First Product/Service, Percent Of Total Annual Sales (d1a3)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Literal question

What percentage of total sales does the main product represent?

### Interviewer instructions

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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1000000000

Valid cases: 1000  
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.

## Establishment's total annual sales (in words) (d2x)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 53

Valid cases: 967

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

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.

## Establishment's total annual sales 3 years ago (in words) (n3x)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 44

Valid cases: 739

### Literal question

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

## % of sales: National sales (d3a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0



## % of sales: National sales (d3a)

File: malaysia\_2015\_full\_data

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

### 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: malaysia\_2015\_full\_data

### Overview

## % of sales: Direct exports (d3c)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 282  
Invalid: 718

### Literal question

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

### Interviewer instructions

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 fiscal year 2013, when this establishment exported goods directly, was a gif (ead4a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 282  
Invalid: 718

In last FY, Export Losses Due To Theft As % Of value of products (d6)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 282  
Invalid: 718

#### 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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 282  
Invalid: 718

#### 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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 456  
Invalid: 544

#### Literal question

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

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

File: malaysia\_2015\_full\_data

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 934  
Invalid: 66

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

### 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

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

File: malaysia\_2015\_full\_data

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

### 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

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: malaysia\_2015\_full\_data

### Overview

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

File: malaysia\_2015\_full\_data

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

Valid cases: 313  
Invalid: 687

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 132  
Invalid: 868

### Literal question

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

### Interviewer instructions

The purpose of these questions is to measure the efficiency of customs clearance of imports.

Goods cleared customs includes all clearances required from the moment the goods arrived at their point of entry (e.g., port, airport) until the moment they satisfy the requirement of the clearance procedures at the customs office and can be picked up. It does not include time spent on transportation to reach the point of entry.

Average number of days to clear customs. Prompt respondent to think of various shipments destined to the establishment that originated from abroad, and to estimate an average of the time it took when the shipment arrived to the country's point of entry to the time the establishment was allowed to claim them and begin domestic transport.

## Avg. days of inventory of most important input kept by establishment (d16)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

### 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?

## Avg. days of inventory of most important input kept by establishment (d16)

File: malaysia\_2015\_full\_data

### 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.

## Avg. days of inventory of main sales item kept by establishment (d17)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 415  
Invalid: 585

### 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.

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

SHOW CARD

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

File: malaysia\_2015\_full\_data

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

### 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



## In last FY, main market for establishment's main product (e1)

### File: malaysia\_2015\_full\_data

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

## In main market, number of competitors faced by establishment's main product (e2b)

### File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 534  
Invalid: 466

#### 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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 585  
Invalid: 415

#### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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 or signif. improved product introduced in last three years? (h1)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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 or signif. improved product also new to the establishment's main market? (h2)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 100  
Invalid: 900

#### Literal question

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

describe the main new or significantly improved product or service that this est (eah2x)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: character  
Width: 145

Valid cases: 99

#### Literal question

Please describe in detail the main new or significantly improved product or service that this establishment introduced during the last three years.

% of sales from the main new or significantly improved product or service (eah2a)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-98

Valid cases: 100  
Invalid: 900

#### Literal question

In fiscal year [insert last complete fiscal year], what percentage of this establishment's total sales was represented by sales from the main new or significantly improved product or service?

Does main new or significantly improved product or service have completely new f (eah4a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 100  
Invalid: 900

#### Literal question

Does main new or significantly improved product or service have completely new f (eah4a)

File: malaysia\_2015\_full\_data

I will now ask you a few questions about the main new or significantly improved product or service compared with all other products and services already produced in this establishment.

Does it have completely new functions?

Is main new or significantly improved product or service cheaper to produce or o (eah4b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 100  
Invalid: 900

#### Literal question

I will now ask you a few questions about the main new or significantly improved product or service compared with all other products and services already produced in this establishment.

Is it cheaper to produce or offer?

Is main new or significantly improved product or service a better quality produc (eah4c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 100  
Invalid: 900

#### Literal question

I will now ask you a few questions about the main new or significantly improved product or service compared with all other products and services already produced in this establishment.

Is it a better quality product or service?

By who was the main new or significantly improved product or service developed? (eah10)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 100  
Invalid: 900

#### Literal question

By who was the main new or significantly improved product or service developed?

During the last three years, did this establishment attempt to develop a new or (eah11a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

#### Literal question

During the last three years, did this establishment attempt to develop a new or significantly improved product or service that was  
Abandoned or suspended before completion

During the last three years, did this establishment attempt to develop a new or (eah11b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

#### Literal question

During the last three years, did this establishment attempt to develop a new or significantly improved product or service that was  
Still ongoing at the end of fiscal year [insert last complete fiscal year]

New or sig. impvd method of manf product or offering services in last 3 years? (h3)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

#### 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?

New or significantly improved logistics, delivery, or distribution methods? (h4a)

File: malaysia\_2015\_full\_data

#### Overview

## New or significantly improved logistics, delivery, or distribution methods? (h4a)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
Invalid: 0

### 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

## New or significantly improved organizational structures/management practices? (h4b)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### 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

## Does the main new or significantly improved process Automate manual processes, p (eah12a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 491  
Invalid: 509

### Pre question

The next questions refer to this establishment's main new or significantly improved process, that is, the new or significantly improved process that had the largest impact on the operations of the establishment.

### Literal question

Does the main new or significantly improved process:  
Automate manual processes, partially or fully?

Does the main new or significantly improved process Introduce a new technology o (eah12b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 491  
Invalid: 509

#### Pre question

The next questions refer to this establishment's main new or significantly improved process, that is, the new or significantly improved process that had the largest impact on the operations of the establishment.

#### Literal question

Does the main new or significantly improved process:  
Introduce a new technology or method?

By who was the main new or significantly improved process developed (eah13)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 491  
Invalid: 509

#### Literal question

By who was the main new or significantly improved process developed?

New or sig. impvd organizational structure introduced in last 3 years? (h5)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
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 the last three years, did the establishment create a new unit or departme (eah14a)

File: malaysia\_2015\_full\_data

During the last three years, did the establishment create a new unit or department (eah14a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 248  
Invalid: 752

#### Literal question

During the last three years, did the establishment make any changes in its organizational structure in any of the following ways:

Create a new unit or department

During the last three years, did the establishment dissolve any units or department (eah14b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 248  
Invalid: 752

#### Literal question

During the last three years, did the establishment make any changes in its organizational structure in any of the following ways:

Dissolve any units or department

During the last three years, did the establishment merge any units or department (eah14c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 248  
Invalid: 752

#### Literal question

During the last three years, did the establishment make any changes in its organizational structure in any of the following ways:

Merge any units or department

New or signif. improved marketing method introduced in last three years? (h6)

File: malaysia\_2015\_full\_data

#### Overview



New or signif. improved marketing method introduced in last three years? (h6)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

During the last three years, has this establishment introduced new or significantly improved marketing methods?

During the last three years, did establ. spend on formal R&D activities? (h7)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

During the last three years, did this establishment spend on formal research and development activities, either in-house or contracted with other companies?

How much did this establishment spend on formal research and development? (h8)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-7000000

Valid cases: 199  
Invalid: 801

#### 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?

During the last three years did this establishment provide formal training to an (eah15)

File: malaysia\_2015\_full\_data

#### Overview

During the last three years did this establishment provide formal training to an (eah15)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
Invalid: 0

#### Literal question

During the last three years did this establishment provide formal training to any of its employees specifically for the development and/or introduction of new or significantly improved products or services and processes?

During the last three years did this establishment purchase or license any patent (eah16)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

#### Literal question

During the last three years did this establishment purchase or license any patented or non-patented inventions, or other types of knowledge for the development of new or significantly improved products or services and processes?

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

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 585  
Invalid: 415

#### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

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

File: malaysia\_2015\_full\_data

### 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: Other (g6c)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
Invalid: 0

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 101  
Invalid: 899

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 101  
Invalid: 899

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-800000

Valid cases: 415  
Invalid: 585

### 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: malaysia\_2015\_full\_data

### Overview

## The Area Is Measured In: (g5b)

### File: malaysia\_2015\_full\_data

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

Valid cases: 184  
Invalid: 816

#### 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: malaysia\_2015\_full\_data

#### 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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 356  
Invalid: 644

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-200000

Valid cases: 14  
Invalid: 986

### 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: malaysia\_2015\_full\_data

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-78

Valid cases: 181  
Invalid: 819

### 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: malaysia\_2015\_full\_data

### Overview

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

File: malaysia\_2015\_full\_data

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-180000

Valid cases: 13  
Invalid: 987

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

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

File: malaysia\_2015\_full\_data

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 Borrowed From Non-Bank Financial Institutions (k3e)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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%

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

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-55

Valid cases: 1000  
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%

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 186  
Invalid: 814

### 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: malaysia\_2015\_full\_data

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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-450000000

Valid cases: 186  
Invalid: 814

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 183  
Invalid: 817

### Pre question

SHOW CARD

### Literal question

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

File: malaysia\_2015\_full\_data

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: Owners' Contributions Or Issued New Equity (k5i)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 183  
Invalid: 817

### 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

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 183  
Invalid: 817

### Pre question

SHOW CARD

### Literal question

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

### File: malaysia\_2015\_full\_data

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: Non-Bank Financial Institutions (k5e)

### File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 183  
Invalid: 817

#### 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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 183  
Invalid: 817

#### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-40

Valid cases: 183  
Invalid: 817

### 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)

## Last FY, value of Fixed Assets Funded By: Internal Funds/Retained Earnings (k5a1)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 3  
Invalid: 997

### 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

## Last FY, value of Fixed Assets Funded By: Owners' Contributions Or Issued New Eq (k5i1)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 3  
Invalid: 997

### 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

## Last FY, value of Fixed Assets Funded By: Bank Borrowing (k5bc1)

File: malaysia\_2015\_full\_data

### Overview

## Last FY, value of Fixed Assets Funded By: Bank Borrowing (k5bc1)

### File: malaysia\_2015\_full\_data

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

Valid cases: 3  
Invalid: 997

#### 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

## Last FY, value of Fixed Assets Funded By: Non-Bank Financial Institutions (k5e1)

### File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 3  
Invalid: 997

#### 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

## Last FY, value of Fixed Assets Funded By: Credit From Suppliers/Advances From Cu (k5f1)

### File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 3  
Invalid: 997

#### 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

## Last FY, value of Fixed Assets Funded By: Other (Money Lenders\Friends\Relative (k5hdj1)

### File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 3  
Invalid: 997

## Last FY, value of Fixed Assets Funded By: Other (Money Lenders\Friends\Relative (k5hdj1)

File: malaysia\_2015\_full\_data

### Literal question

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

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

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

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

File: malaysia\_2015\_full\_data

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 372  
Invalid: 628

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 372  
Invalid: 628

### 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: malaysia\_2015\_full\_data

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

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 14  
Decimals: 0  
Range: -9-2000000000000000

Valid cases: 372  
Invalid: 628

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 372  
Invalid: 628

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 174  
Invalid: 826

### 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: malaysia\_2015\_full\_data

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

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 174  
Invalid: 826

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 174  
Invalid: 826

### 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: malaysia\_2015\_full\_data

### Overview

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

File: malaysia\_2015\_full\_data

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

Valid cases: 174  
Invalid: 826

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 174  
Invalid: 826

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-1000000000000

Valid cases: 174  
Invalid: 826

### Literal question

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

## What is the total number of outstanding loans or lines (k15b)

File: malaysia\_2015\_full\_data

### Overview

## What is the total number of outstanding loans or lines (k15b)

File: malaysia\_2015\_full\_data

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

Valid cases: 372  
Invalid: 628

### Literal question

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

## What is the total value of outstanding loans or lines (k15c)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-520000000

Valid cases: 78  
Invalid: 922

### Literal question

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

## does the owner or owners of this establishment have an (k15d)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Literal question

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

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 709  
Invalid: 291

### 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

## The outcome of the most recent application for a line of credit or loan (k20a1)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 240  
Invalid: 760

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Literal question

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

### Interviewer instructions

Certification of financial statements by external auditor. Self-explanatory

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

File: malaysia\_2015\_full\_data

### Overview

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

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

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

File: malaysia\_2015\_full\_data

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 238  
Invalid: 762

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 238  
Invalid: 762

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

File: malaysia\_2015\_full\_data

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 186  
Invalid: 814

### 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

- 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 740  
Invalid: 260

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 260  
Invalid: 740

### 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

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 158  
Invalid: 842

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 158  
Invalid: 842

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 260  
Invalid: 740

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 260  
Invalid: 740

### 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: malaysia\_2015\_full\_data

### Overview

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

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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



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

### File: malaysia\_2015\_full\_data

- 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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
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.  
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: malaysia\_2015\_full\_data

#### Overview

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

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-5160

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-4600

Valid cases: 1000  
Invalid: 0

## Num. Permanent, Full-Time Employees At End Of 3 Fiscal Years Ago (l2)

File: malaysia\_2015\_full\_data

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-4900

Valid cases: 585  
Invalid: 415

### 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: malaysia\_2015\_full\_data

### Overview

## Num. Full-time Employees At End Of Last Fiscal Yr: non-production workers (l3b)

File: malaysia\_2015\_full\_data

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-600

Valid cases: 585  
Invalid: 415

### 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.

## Num. Full-time Employees At End Of Last Fiscal Yr: Skilled Production Workers (l4a)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-4500

Valid cases: 585  
Invalid: 415

### 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:  
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.

## Num. Full-time Employees At End Of Last Fiscal Yr: Unskilled Production Workers (l4b)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1350

Valid cases: 585  
Invalid: 415

### 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:  
Unskilled 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.

## Permanent, full-time skilled non-production workers at the end of last fiscal yr (eal4c)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-450

Valid cases: 585  
Invalid: 415

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were:  
Skilled workers [e.g., managers, administration, sales]

## Permanent, full-time unskilled non-production workers at the end of last fiscal (eal4d)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-500

Valid cases: 585  
Invalid: 415

### Literal question

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

## Permanent, full-time female skilled production workers at the end of last fiscal (eal5a)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2500

Valid cases: 585  
Invalid: 415

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many female permanent full-time individuals working in this establishment were in the following categories?  
Female skilled production workers

## Permanent, full-time female unskilled production workers at the end of last fisc (eal5b)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-500

Valid cases: 585  
Invalid: 415

### Literal question

At the end of fiscal year [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

## Permanent, full-time female skilled non-production workers at the end of last fi (eal5c)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-400

Valid cases: 585  
Invalid: 415

### Literal question

At the end of fiscal year [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

## Permanent, full-time female unskilled non-production workers at the end of last (eal5d)

File: malaysia\_2015\_full\_data

### Overview

## Permanent, full-time female unskilled non-production workers at the end of last (eal5d)

File: malaysia\_2015\_full\_data

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-200

Valid cases: 585  
Invalid: 415

### Literal question

At the end of fiscal year [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

## MARK (eal5s)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

## Num. Full-time Employees At End Of Last Fiscal Yr: female production workers (l5a)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-400

Valid cases: 46  
Invalid: 954

### 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 of this establishment for the following categories were female? Female permanent full-time production employees

### Interviewer instructions

Self explanatory

## Num. Full-time Employees At End Of Last Fiscal Yr: female non-production workers (l5b)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-200

Valid cases: 46  
Invalid: 954

## Num. Full-time Employees At End Of Last Fiscal Yr: female non-production workers (l5b)

File: malaysia\_2015\_full\_data

### 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 of this establishment for the following categories were female?

Female permanent full-time non-production employees

### Interviewer instructions

Self explanatory

## Num. Full-time Employees At End Of Last Fiscal Yr: female (l5)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2000

Valid cases: 415  
Invalid: 585

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female?

## Permanent, full-time skilled workers (eal5a1)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1500

Valid cases: 415  
Invalid: 585

### Literal question

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

Skilled workers [e.g., managers, administration, sales]

## Permanent, full-time unskilled workers (eal5a2)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3000

Valid cases: 415  
Invalid: 585

### Literal question

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

Unskilled workers



## Female permanent, full-time skilled workers (eal5b1)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 415  
Invalid: 585

### Literal question

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

## Female permanent, full-time unskilled workers (eal5b2)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 415  
Invalid: 585

### Literal question

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

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

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-2000000

Valid cases: 1000  
Invalid: 0

### Literal question

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.

## Full-time female seasonal or temporary workers employed (l6a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 191  
Invalid: 809

### Literal question

## Full-time female seasonal or temporary workers employed (l6a)

File: malaysia\_2015\_full\_data

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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 191  
Invalid: 809

### 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.

## Average Years Of Education For Typical Production Worker (l9a)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-100000

Valid cases: 585  
Invalid: 415

### 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 (l9a2)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-100000

Valid cases: 585  
Invalid: 415

### Literal question

## Average number of years of education of typical female (l9a2)

File: malaysia\_2015\_full\_data

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

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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.

## The main reason why this establishment did not have formal training programs (eal10a)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 680  
Invalid: 320

### Literal question

The main reason why this establishment did not have formal training programs (eal10a)

File: malaysia\_2015\_full\_data

Please indicate the main reason why this establishment did not have formal training programs?

The primary focus of the formal training programs (eal10b)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-8

Valid cases: 309  
Invalid: 691

#### Literal question

What was the primary focus of the formal training programs?

% permanent, full-time, skilled production workers received formal training (eal11a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 199  
Invalid: 801

#### Literal question

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

% permanent, full-time unskilled production workers received formal training (eal11b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 199  
Invalid: 801

#### Literal question

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

% permanent, full-time skilled non-production workers received formal training (eal11c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 199  
Invalid: 801

#### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training?  
Skilled non-production workers trained

% permanent, full-time unskilled non-production workers received formal training (eal11d)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 199  
Invalid: 801

#### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training?  
Unskilled non-production workers trained

Over the last two years, were any of the permanent full-time workers of this est (eal12)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

#### Literal question

Over the last two years, were any of the permanent full-time workers of this establishment terminated or left due to lack of the required skills?

Over the last two years, were any of the permanent full-time workers of this est (eal13)

File: malaysia\_2015\_full\_data

#### Overview

Over the last two years, were any of the permanent full-time workers of this est (eal13)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
Invalid: 0

#### Literal question

Over the last two years, were any of the permanent full-time workers of this establishment terminated or left due to poor performance?

Over the last two years, did this establishment have any vacancies (eal14)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000  
Invalid: 0

#### Literal question

Over the last two years, did this establishment have any vacancies?

How many of these vacancies were in the skilled non-production workers (eal15a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 188  
Invalid: 812

#### Literal question

Over the last two years, how many vacancies were for skilled non-production workers?

How many of these vacancies were filled for skilled non-production workers (eal16a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 127  
Invalid: 873

#### Literal question

How many of these vacancies for skilled non-production workers were filled?

What was the average number of weeks required to fill these vacancies (skilled n (eal17a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 127  
Invalid: 873

#### Literal question

What was the average number of weeks required to fill these vacancies for skilled non-production workers?

Over the last two years, did this establishment try to hire any managers or seni (myal17)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 103  
Invalid: 897

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal18a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### 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

Did the establishment encounter any of the following problems when trying to hir (myal18b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### Literal question

Did the establishment encounter any of the following problems when trying to hir (myal18b)

File: malaysia\_2015\_full\_data

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

Did the establishment encounter any of the following problems when trying to hir (myal18c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### 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

Did the establishment encounter any of the following problems when trying to hir (myal18d)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### 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

Did the establishment encounter any other problems when trying to hire a manager (myal18e)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### Literal question

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



specify other problems encountered by the establishment when trying to hire a ma (myal18x)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

#### Literal question

Please specify other problems encountered by the establishment when trying to hire a manager or senior-level professional.

Over the last two years, did this establishment try to hire any (non-production) (myal24)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 123

Format: numeric

Invalid: 877

Width: 2

Decimals: 0

Range: -9-2

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal25a)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 8

Format: numeric

Invalid: 992

Width: 2

Decimals: 0

Range: -9-2

#### 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

Did the establishment encounter any of the following problems when trying to hir (myal25b)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 8

Format: numeric

Invalid: 992

Width: 2

Decimals: 0

Range: -9-2

#### Literal question

Did the establishment encounter any of the following problems when trying to hir (myal25b)

File: malaysia\_2015\_full\_data

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

Did the establishment encounter any of the following problems when trying to hir (myal25c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 8  
Invalid: 992

#### 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

Did the establishment encounter any of the following problems when trying to hir (myal25d)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 8  
Invalid: 992

#### 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

Did the establishment encounter any other problems when trying to hire a (non-pr (myal25e)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 8  
Invalid: 992

#### Literal question

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

specify other problems encountered by the establishment when trying to hire non- (myal25x)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

#### Literal question

Please specify other problems encountered by the establishment when trying to hire non-production technicians, associate professionals, and sales workers.

How many vacancies were in the unskilled non-production workers (eal15b)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 167

Format: numeric

Invalid: 833

Width: 4

Decimals: 0

Range: -9-1000

#### Literal question

Over the last two years, how many vacancies were for unskilled non-production workers?

How many of these vacancies were filled (unskilled non-production workers)? (eal16b)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 52

Format: numeric

Invalid: 948

Width: 4

Decimals: 0

Range: -9-1000

#### Literal question

How many of these vacancies for unskilled non-production workers were filled?

What was the average number of weeks required to fill these vacancies (unskilled (eal17b)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 49

Format: numeric

Invalid: 951

Width: 2

Decimals: 0

Range: -9-50

#### Literal question

What was the average number of weeks required to fill these vacancies for unskilled non-production workers?

Did the establishment encounter any of the following problems when trying to hir (myal32a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal32b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal32c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal32d)

File: malaysia\_2015\_full\_data

#### Overview

Did the establishment encounter any of the following problems when trying to hir (myal32d)

File: malaysia\_2015\_full\_data

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

Valid cases: 43  
Invalid: 957

#### Literal question

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

Did the establishment encounter any other problems when trying to hire a (non-pr (myal32e)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 43  
Invalid: 957

#### Literal question

Did the establishment encounter any other problems when trying to hire unskilled non-production workers?

specify other problems encountered by the establishment when trying to hire unsk (myal32x)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0

#### Literal question

Please specify other problems encountered by the establishment when trying to hire unskilled non-production workers.

How many vacancies were in the skilled production workers (eal15c)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 137  
Invalid: 863

#### Literal question

Over the last two years, how many vacancies were for skilled production workers?

How many of these vacancies were filled (skilled production workers)? (eal16c)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 81  
Invalid: 919

#### Literal question

How many of these vacancies for skilled production workers were filled?

What was the average number of weeks required to fill these vacancies (skilled p (eal17c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 80  
Invalid: 920

#### Literal question

What was the average number of weeks required to fill these vacancies for skilled production workers?

Did the establishment encounter any of the following problems when trying to hir (myal39a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 81  
Invalid: 919

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal39b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 81  
Invalid: 919

#### Literal question

Did the establishment encounter any of the following problems when trying to hir (myal39b)

File: malaysia\_2015\_full\_data

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

Did the establishment encounter any of the following problems when trying to hir (myal39c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 81  
Invalid: 919

#### 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

Did the establishment encounter any of the following problems when trying to hir (myal39d)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 81  
Invalid: 919

#### 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

Did the establishment encounter any other problems when trying to hirea skilled (myal39e)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 81  
Invalid: 919

#### Literal question

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

specify other problems encountered by the establishment when trying to hire skill (myal39x)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 0

Format: character

Width: 1

#### Literal question

Please specify other problems encountered by the establishment when trying to hire skilled production workers.

How many vacancies were in the unskilled production workers (eal15d)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 137

Format: numeric

Invalid: 863

Width: 4

Decimals: 0

Range: -9-1000

#### Literal question

Over the last two years, how many vacancies were for unskilled production workers?

How many of these vacancies were filled (unskilled production workers)? (eal16d)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 65

Format: numeric

Invalid: 935

Width: 4

Decimals: 0

Range: -9-1000

#### Literal question

How many of these vacancies for unskilled production workers were filled?

What was the average number of weeks required to fill these vacancies (unskilled (eal17d)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete

Valid cases: 62

Format: numeric

Invalid: 938

Width: 2

Decimals: 0

Range: -9-30

#### Literal question

What was the average number of weeks required to fill these vacancies for unskilled production workers?



Did the establishment encounter any of the following problems when trying to hir (myal46a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 65  
Invalid: 935

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal46b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 65  
Invalid: 935

#### Literal question

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

Did the establishment encounter any of the following problems when trying to hir (myal46c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 65  
Invalid: 935

#### 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

Did the establishment encounter any of the following problems when trying to hir (myal46d)

File: malaysia\_2015\_full\_data

#### Overview

Did the establishment encounter any of the following problems when trying to hir (myal46d)

File: malaysia\_2015\_full\_data

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

Valid cases: 65  
Invalid: 935

#### 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

Did the establishment encounter any other problems when trying to hirea unskille (myal46e)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 65  
Invalid: 935

#### Literal question

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

specify other problems encountered by the establishment when trying to hire unsk (myal46x)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0

#### Literal question

Please specify other problems encountered by the establishment when trying to hire unskilled production workers.

Over the last two years, using this card, please indicate the degree of difficul (eal18a)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 186  
Invalid: 814

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Managerial and leadership skills

Over the last two years, using this card, please indicate the degree of difficul (eal18b)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 186  
Invalid: 814

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Interpersonal and communication skills

Over the last two years, using this card, please indicate the degree of difficul (eal18c)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 186  
Invalid: 814

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Writing skills

Over the last two years, using this card, please indicate the degree of difficul (eal18d)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 186  
Invalid: 814

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Work ethic and commitment

Over the last two years, using this card, please indicate the degree of difficul (eal18e)

File: malaysia\_2015\_full\_data

#### Overview

Over the last two years, using this card, please indicate the degree of difficulty (eal18e)

File: malaysia\_2015\_full\_data

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

Valid cases: 186  
Invalid: 814

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Foreign language skills

Over the last two years, using this card, please indicate the degree of difficulty (eal18f)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 186  
Invalid: 814

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Computer or general IT skills

Over the last two years, using this card, please indicate the degree of difficulty (eal18g)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 186  
Invalid: 814

#### Literal question

Over the last two years, using this card, please indicate the degree of difficulty in finding employees that have the following skills:

Technical skills (other than IT), vocational, or job-specific skills

How many unfilled vacancies does this establishment currently have? (eal19)

File: malaysia\_2015\_full\_data

#### Overview

How many unfilled vacancies does this establishment currently have? (eal19)

File: malaysia\_2015\_full\_data

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

Valid cases: 188  
Invalid: 812

#### Literal question

How many unfilled vacancies does this establishment currently have?

Have any of these unfilled vacancies being vacant for more than four months? (eal20)

File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 55  
Invalid: 945

#### Literal question

Have any of these unfilled vacancies being vacant for more than four months?

In one year from now, how many permanent, full-time individuals do you expect to (myal52a1)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-200

Valid cases: 585  
Invalid: 415

#### Literal question

In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]?

Skilled non-production workers: Managers and senior-level professionals

In one year from now, how many permanent, full-time individuals do you expect to (myal52a2)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-210

Valid cases: 585  
Invalid: 415

#### Literal question

In one year from now, how many permanent, full-time individuals do you expect to (myal52a2)

File: malaysia\_2015\_full\_data

In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]?

Skilled non-production workers: Technicians, associate professionals, and sales

In one year from now, how many permanent, full-time individuals do you expect to (myal52b)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 585  
Invalid: 415

#### Literal question

In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]?

Unskilled non-production workers

In one year from now, how many permanent, full-time individuals do you expect to (myal52c)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3000

Valid cases: 585  
Invalid: 415

#### Literal question

In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]?

Skilled production workers

In one year from now, how many permanent, full-time individuals do you expect to (myal52d)

File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1500

Valid cases: 585  
Invalid: 415

#### Literal question

In one year from now, how many permanent, full-time individuals do you expect this establishment to have in [insert category]?

Unskilled production workers

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
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

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

File: malaysia\_2015\_full\_data

Self-explanatory

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

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-500000000

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview



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

File: malaysia\_2015\_full\_data

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-15000000

Valid cases: 585  
Invalid: 415

### 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

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 Fuel In Last Fiscal Year (n2f)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-5000000

Valid cases: 585  
Invalid: 415

### 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 fuel

### Interviewer instructions

## Total Annual Costs Of Fuel In Last Fiscal Year (n2f)

### File: malaysia\_2015\_full\_data

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: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-8000000

Valid cases: 1000  
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: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-40000000

Valid cases: 415  
Invalid: 585

### 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 costs of production (n2p)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-520000000

Valid cases: 585  
Invalid: 415

### 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: malaysia\_2015\_full\_data

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 585  
Invalid: 415

### 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.

## Net Book Value Of Land And Buildings In Last Fiscal Year (n6b)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-30000000000

Valid cases: 585  
Invalid: 415

### 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:  
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.

## Cost For Establishment To Re-Purchase All Of Its Machinery (n7a)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-456780000

Valid cases: 585  
Invalid: 415

### Literal question

## Cost For Establishment To Re-Purchase All Of Its Machinery (n7a)

### File: malaysia\_2015\_full\_data

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.

## Cost For Establishment To Re-Purchase All Of Its Land And Buildings (n7b)

### File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-10000000000

Valid cases: 585

Invalid: 415

#### 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.

## Main Respondent Position In The Firm (a15a1ax)

### File: malaysia\_2015\_full\_data

#### Overview

Type: Discrete  
Format: character  
Width: 39

Valid cases: 1000

## Main Respondent Years Working In The Firm: (a15a2a)

### File: malaysia\_2015\_full\_data

#### Overview

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

Valid cases: 1000

Invalid: 0

#### Pre question

## Main Respondent Years Working In The Firm: (a15a2a)

File: malaysia\_2015\_full\_data

Please complete the following information about the interviewee(s)

## Main respondent's gender (a15a3)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Pre question

Please complete the following information about the interviewee(s)

## Second Respondent Position In The Firm (a15a1bx)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 22

Valid cases: 97

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

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-22

Valid cases: 87  
Invalid: 913

### Pre question

Please complete the following information about the interviewee(s)

## Second respondent's gender (a15b3)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 87  
Invalid: 913

### Pre question

Please complete the following information about the interviewee(s)

## Third Respondent Position In The Firm (a15a1cx)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 17

Valid cases: 8

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 7  
Invalid: 993

### Pre question

Please complete the following information about the interviewee(s)

## Third respondent's gender (a15c3)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 7  
Invalid: 993

### Pre question

Please complete the following information about the interviewee(s)

## Day (a15d)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-31

Valid cases: 1000  
Invalid: 0

### Literal question

Time face-to-face interview ends

## Month (a15m)

File: malaysia\_2015\_full\_data

### Overview

## Month (a15m)

File: malaysia\_2015\_full\_data

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

Valid cases: 1000  
Invalid: 0

### Literal question

Time face-to-face interview ends

## Year (a15y)

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 1000  
Invalid: 0

### Literal question

Time face-to-face interview ends

## Hour (a15h)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-23

Valid cases: 1000  
Invalid: 0

### Literal question

Time face-to-face interview ends

## Minutes (a15min)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-59

Valid cases: 1000  
Invalid: 0

### Literal question

Time face-to-face interview ends

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

File: malaysia\_2015\_full\_data



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

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

### Literal question

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

## Interviewer comments (a17x)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: character	
Width: 92	

## This Questionnaire Was Completed In: (a18)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 16
Format: numeric	Invalid: 984
Width: 2	
Decimals: 0	
Range: -9-2	

### 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: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 16
Format: numeric	Invalid: 984
Width: 2	
Decimals: 0	
Range: -9-57	

## stratification region code (stratificationregioncode)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

## stratification size code (stratificationsizecode)

File: malaysia\_2015\_full\_data

### Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

## stratification sector code (stratificationsectorcode)

File: malaysia\_2015\_full\_data

### Overview

## stratification sector code (stratificationsectorcode)

File: malaysia\_2015\_full\_data

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

Valid cases: 1000  
 Invalid: 0

## Weight according to strict eligibility (wstrict)

File: malaysia\_2015\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: -9-874.272033691406

Valid cases: 1000  
 Invalid: 0

## Weight according to median eligibility (wmedian)

File: malaysia\_2015\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 7  
 Decimals: 2  
 Range: -9-1315.16430664062

Valid cases: 1000  
 Invalid: 0

## Weight according to weak eligibility (wwweak)

File: malaysia\_2015\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 7  
 Decimals: 2  
 Range: -9-1588.4150390625

Valid cases: 1000  
 Invalid: 0

## see notes (strata)

File: malaysia\_2015\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -9-104

Valid cases: 1000  
 Invalid: 0

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

File: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 166  
Invalid: 834

### 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: malaysia\_2015\_full\_data

### Overview

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

Valid cases: 125  
Invalid: 875

### 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

# Related Materials

## Questionnaires

### Manufacturing Module Questionnaire

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Title        Manufacturing Module Questionnaire  
 Language English  
 Filename    malaysia\_2015\_es\_questionnaire\_\_manufacturing.pdf

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### Services Module Questionnaire

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Title        Services Module Questionnaire  
 Language English  
 Filename    malaysia\_2015\_es\_questionnaire\_\_services.pdf

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## Reports

### Malaysia 2015 Country Profile

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Title        Malaysia 2015 Country Profile  
 Language English  
 Filename    <http://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Malaysia-2015.pdf>

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## Technical documents

### Description of Malaysia 2015 Implementation

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Title        Description of Malaysia 2015 Implementation  
 Language English  
 Filename    malaysia\_2015\_es\_implementation\_report.pdf

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