

Thailand - Enterprise Survey 2016

World Bank

Report generated on: March 30, 2017

Visit our data catalog at: <http://ddghhsn01/index.php/microdata.worldbank.org>

Sampling

Sampling Procedure

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), Rubber and Plastics (ISIC code 25), Electronic Products (ISIC codes 31 and 32), Other Manufacturing (ISIC codes 16,17, 19-24, 26-29, 30, 33-37), Retail (ISIC code 52) and Other Services (ISIC codes 45, 50, 51, 55, 60-64, and 72).

For the Thailand 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 Thailand ES was done across five regions: Bangkok, Central, North, Northeast, and South.

The sample frame consisted of a listings of firms from the National Statistical Office of Thailand; no panel firms were included in the sample frame for Thailand ES 2016.

The quality of the frame was enhanced by the verification process conducted 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 1.5% (73 out of 4,866 establishments).

Response Rate

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

Item non-response was addressed by two strategies:

- a- For sensitive questions that may generate negative reactions from the respondent, such as corruption or tax evasion, enumerators were instructed to collect "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 0.21. 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 0.12.

Weighting

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 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

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
2015-11	2016-06	N/A

Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

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

The 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
CSN Research		

Data Processing

Data Editing

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

thailand_2016_full_data

Content

Cases 1000

Variable(s) 352

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V1739	idstd	WEB STD FIRMID	discrete	numeric	
V1740	id	idu	discrete	numeric	
V1741	preference	preference	discrete	numeric	
V1742	rotation	rotation	discrete	numeric	
V1743	a0	Questionnaire	discrete	numeric	
V1744	a1	Country Code	discrete	numeric	
V1745	a1a	Language Of The Interview	discrete	numeric	
V1746	a2	Sampling Region	discrete	numeric	
V1747	a3a	Region Of The Establishment	discrete	numeric	
V1748	a3a2	Currency used in accounting records	discrete	numeric	
V1749	a3x	City/ Town/ Village	discrete	character	
V1750	a3b	Is this city the official capital city?	discrete	numeric	Is this city the official capital city?
V1751	a3c	Is this city the main business city?	discrete	numeric	Is this city the main business city?
V1752	a3	Size Of Locality	discrete	numeric	
V1753	a4a	Industry Sampling Sector	discrete	numeric	
V1754	a4b	Industry Screener Sector	discrete	numeric	
V1755	a5	Sector Match Between Screener Information And Sample Frame	discrete	numeric	Sector match between screener information and sample frame
V1756	a6a	Sampling Size	discrete	numeric	
V1757	a6b	Screener Size	discrete	numeric	
V1758	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V1759	a7a	Number Of Establishments In The Firm	discrete	numeric	
V1760	a8a	Type Of Establishment	discrete	numeric	
V1761	a9	Establishment's Financial Statements Prepared Separately from HQ Statements	discrete	numeric	Are establishment's financial statements prepared separately from HQ's statements?
V1762	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
V1763	a11	If HQ, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	If HQ, are financial statements independent from the rest of establishments?
V1764	a11a	How Many Establishments Are Included In The Financial Statements?	discrete	numeric	
V1765	a12	Interviewer Number	discrete	numeric	Interviewer code
V1766	a13	Supervisor Number	discrete	numeric	Supervisor code
V1767	a14d	Day	discrete	numeric	Date face-to-face interview begins: Day (dd)
V1768	a14m	Month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V1769	a14y	Year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)
V1770	a14h	Hour	discrete	numeric	Time face-to-face interview begins: Hour (00 to 23)
V1771	a14min	Minutes	discrete	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V1772	aaa3a3w	The starting month of the last complete fiscal year	discrete	numeric	
V1773	aaa3a3x	The current month	discrete	numeric	
V1774	aaa3a3y	Last complete fiscal year	discrete	numeric	
V1775	aaa3a3z	Last complete fiscal year minus two	discrete	numeric	
V1776	b1	Legal Status of the Firm	discrete	numeric	What is this firm's current legal status?
V1777	b1x	Other (Specify)	discrete	character	What is this firm's current legal status? Other
V1778	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?
V1779	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
V1780	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
V1781	b2c	% owned by Government/State	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V1782	b2d	% owned by Other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V1783	b4	Amongst the owners of the firm, are there any females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V1784	b4a	What percentage of the firm is owned by females?	discrete	numeric	What percentage of the firm is owned by females?
V1785	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V1786	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
V1787	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V1788	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V1789	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?
V1790	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V1791	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V1792	b8x	Internationally-recognized certifications	discrete	character	Please specify the internationally-recognized quality certifications
V1793	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?
V1794	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?
V1795	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?
V1796	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?
V1797	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?
V1798	c8a	How long did these power outages last on average? (Hours)	discrete	numeric	How long did these power outages last on average?
V1799	c8b	How long did these power outages last on average? (Minutes)	discrete	numeric	How long did these power outages last on average?
V1800	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
V1801	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
V1802	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?
V1803	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
V1804	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?
V1805	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?
V1806	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?
V1807	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?
V1808	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?
V1809	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?
V1810	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?
V1811	c22b	Establishment has its own website	discrete	numeric	At the present time, does this establishment use its own website?
V1812	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?
V1813	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?
V1814	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)?
V1815	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.
V1816	d1a3	First Product/Service, Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V1817	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?
V1818	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?
V1819	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
V1820	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?
V1821	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
V1822	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)
V1823	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
V1824	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?
V1825	ead4a	In fiscal year 2013, when this establishment exported goods directly, was a gif	discrete	numeric	
V1826	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?
V1827	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?
V1828	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?
V1829	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?
V1830	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?
V1831	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
V1832	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
V1833	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?
V1834	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?
V1835	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?
V1836	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?
V1837	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?
V1838	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?
V1839	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?
V1840	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?
V1841	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?
V1842	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V1843	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
V1844	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?
V1845	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?
V1846	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.
V1847	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?
V1848	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?
V1849	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?
V1850	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?
V1851	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?
V1852	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
V1853	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]
V1854	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?
V1855	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
V1856	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?
V1857	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?
V1858	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?
V1859	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?
V1860	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?
V1861	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
V1862	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
V1863	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
V1864	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?
V1865	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?
V1866	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?
V1867	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?
V1868	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
V1869	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)?
V1870	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?
V1871	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
V1872	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
V1873	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
V1874	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
V1875	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
V1876	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other
V1877	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?
V1878	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?
V1879	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?
V1880	g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V1881	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment?
V1882	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment?
V1883	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
V1884	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?
V1885	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
V1886	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
V1887	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?
V1888	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
V1889	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
V1890	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?
V1891	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?
V1892	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?
V1893	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
V1894	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)
V1895	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
V1896	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
V1897	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.)
V1898	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?
V1899	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)
V1900	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
V1901	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
V1902	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
V1903	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
V1904	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
V1905	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
V1906	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)
V1907	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
V1908	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
V1909	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
V1910	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
V1911	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
V1912	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
V1913	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?
V1914	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V1915	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?
V1916	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?
V1917	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?
V1918	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?
V1919	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?
V1920	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
V1921	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
V1922	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
V1923	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.)
V1924	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
V1925	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?
V1926	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?
V1927	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?
V1928	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
V1929	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?
V1930	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?
V1931	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?
V1932	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?
V1933	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?
V1934	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."
V1935	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]
V1936	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?
V1937	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?
V1938	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?
V1939	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?
V1940	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
V1941	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
V1942	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
V1943	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?
V1944	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?
V1945	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?
V1946	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?
V1947	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?
V1948	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?
V1949	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
V1950	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
V1951	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
V1952	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
V1953	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
V1954	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
V1955	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
V1956	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
V1957	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
V1958	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]
V1959	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
V1960	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
V1961	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]
V1962	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
V1963	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
V1964	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
V1965	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
V1966	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
V1967	eal5s	MARK	discrete	numeric	
V1968	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
V1969	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
V1970	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?
V1971	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
V1972	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
V1973	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
V1974	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
V1975	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]?
V1976	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
V1977	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]?
V1978	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
V1979	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
V1980	l9b	% Of Full Time Workers Completed High School	discrete	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V1981	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?
V1982	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?
V1983	eal10b	The primary focus of the formal training programs	discrete	numeric	What was the primary focus of the formal training programs?
V1984	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
V1985	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
V1986	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
V1987	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
V1988	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?
V1989	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?
V1990	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?
V1991	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?
V1992	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?
V1993	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?
V1994	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?
V1995	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
V1996	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
V1997	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
V1998	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
V1999	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?
V2000	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.
V2001	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?
V2002	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
V2003	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
V2004	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
V2005	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
V2006	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?
V2007	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.
V2008	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?
V2009	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?
V2010	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
V2011	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
V2012	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
V2013	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
V2014	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
V2015	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?
V2016	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.
V2017	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?
V2018	eal16c	How many of these vacancies were filled (skilled production workers)?	discrete	numeric	How many of these vacancies for skilled production workers were filled?
V2019	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?
V2020	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
V2021	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
V2022	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
V2023	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
V2024	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?
V2025	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
V2026	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?
V2027	eal16d	How many of these vacancies were filled (unskilled production workers)?	discrete	numeric	How many of these vacancies for unskilled production workers were filled?
V2028	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?
V2029	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
V2030	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
V2031	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
V2032	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
V2033	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?
V2034	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.
V2035	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
V2036	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
V2037	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
V2038	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
V2039	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
V2040	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
V2041	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
V2042	eal19	How many unfilled vacancies does this establishment currently have?	discrete	numeric	How many unfilled vacancies does this establishment currently have?
V2043	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?
V2044	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
V2045	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
V2046	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
V2047	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
V2048	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
V2049	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?
V2050	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?
V2051	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
V2052	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)
V2053	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
V2054	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
V2055	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
V2056	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
V2057	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)
V2058	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
V2059	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
V2060	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
V2061	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
V2062	a15a1ax	Main Respondent Position In The Firm	discrete	character	
V2063	a15a2a	Main Respondent Years Working In The Firm:	discrete	numeric	
V2064	a15a3	Main respondent's gender	discrete	numeric	
V2065	a15a1bx	Second Respondent Position In The Firm	discrete	character	

ID	Name	Label	Type	Format	Question
V2066	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	
V2067	a15b3	Second respondent's gender	discrete	numeric	
V2068	a15a1cx	Third Respondent Position In The Firm	discrete	character	
V2069	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	
V2070	a15c3	Third respondent's gender	discrete	numeric	
V2071	a15d	Day	discrete	numeric	Time face-to-face interview ends
V2072	a15m	Month	discrete	numeric	Time face-to-face interview ends
V2073	a15y	Year	discrete	numeric	Time face-to-face interview ends
V2074	a15h	Hour	discrete	numeric	Time face-to-face interview ends
V2075	a15min	Minutes	discrete	numeric	Time face-to-face interview ends
V2076	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:
V2077	a17	Responses To The Questions About Figures Are:	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V2078	a17x	Interviewer comments	discrete	character	
V2079	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V2080	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	discrete	numeric	
V2081	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	discrete	numeric	
V2082	stratificationregioncode	stratificationregioncode	discrete	numeric	
V2083	stratificationsizecode	stratificationsizecode	discrete	numeric	
V2084	stratificationsectorcode	stratificationsectorcode	discrete	numeric	
V2085	wstrict	Weight according to strict eligibility	discrete	numeric	
V2086	wmedian	Weight according to median eligibility	discrete	numeric	
V2087	wweak	Weight according to weak eligibility	discrete	numeric	
V2088	strata	see notes	discrete	numeric	
V2089	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
V2090	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: thailand_2016_full_data

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: -9-605524	

idu (id)

File: thailand_2016_full_data

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: -9-7814	

preference (preference)

File: thailand_2016_full_data

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-138	

rotation (rotation)

File: thailand_2016_full_data

Overview

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

Questionnaire (a0)

File: thailand_2016_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: thailand_2016_full_data

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

Country Code (a1)

File: thailand_2016_full_data

Overview

Type: Discrete	Valid cases: 1000
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-39	

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Interviewer instructions

Country: self-explanatory

Language Of The Interview (a1a)

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

Region Of The Establishment (a3a)

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 1000
Invalid: 0

City/ Town/ Village (a3x)

File: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 51

Valid cases: 1000

Is this city the official capital city? (a3b)

File: thailand_2016_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: thailand_2016_full_data

Overview

Is this city the main business city? (a3c)

File: thailand_2016_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: thailand_2016_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: thailand_2016_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

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

Industry Screener Sector (a4b)

File: thailand_2016_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: thailand_2016_full_data

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

Sector Match Between Screener Information And Sample Frame (a5)

File: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-1590

Valid cases: 1000
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Type Of Establishment (a8a)

File: thailand_2016_full_data

Overview

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

Valid cases: 116
Invalid: 884

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

File: thailand_2016_full_data

Overview

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

Valid cases: 73
Invalid: 927

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: thailand_2016_full_data

Overview

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

Valid cases: 73
Invalid: 927

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: thailand_2016_full_data

Overview

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

Valid cases: 42
Invalid: 958

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: thailand_2016_full_data

Overview

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

Valid cases: 42
Invalid: 958

Interviewer Number (a12)

File: thailand_2016_full_data

Overview

Interviewer Number (a12)

File: thailand_2016_full_data

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: -9-5157

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: thailand_2016_full_data

Overview

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: -9-5014

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: thailand_2016_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: thailand_2016_full_data

Overview

Month (a14m)

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -9-21

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: thailand_2016_full_data

Overview

Minutes (a14min)

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 1000
 Invalid: 0

The current month (eaa3a3x)

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

Last complete fiscal year minus two (eaa3a3z)

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

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

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

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

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

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

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

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

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 81

Format: character

Width: 20

Literal question

What is this firm's current legal status?

Other

Interviewer instructions

Other (Specify) (b1x)

File: thailand_2016_full_data

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

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

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

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

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

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

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

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: thailand_2016_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: thailand_2016_full_data

Overview

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 618
Invalid: 382

Literal question

What percentage of the firm is owned by females?

Year Establishment Began Operations (b5)

File: thailand_2016_full_data

Overview

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

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: thailand_2016_full_data

Overview

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

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: thailand_2016_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: thailand_2016_full_data

Overview

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

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: thailand_2016_full_data

Overview

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

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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Internationally-recognized certifications (b8x)

File: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 45

Valid cases: 244

Literal question

Please specify the internationally-recognized quality certifications

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 16
Invalid: 984

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: thailand_2016_full_data

Overview

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

Valid cases: 16
Invalid: 984

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 70
Invalid: 930

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 66
Invalid: 934

Literal question

How long did these power outages last on average?

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

File: thailand_2016_full_data

Overview

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

Valid cases: 66
Invalid: 934

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: thailand_2016_full_data

Overview

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

Valid cases: 64
Invalid: 936

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: thailand_2016_full_data

Overview

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

Valid cases: 6
Invalid: 994

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 17
Invalid: 983

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 5
Invalid: 995

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: thailand_2016_full_data

Overview

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

Valid cases: 5
Invalid: 995

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 11
Invalid: 989

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: thailand_2016_full_data

Overview

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

Valid cases: 8
Invalid: 992

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 94

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-7220

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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 11
Decimals: 0
Range: -9-34209637883

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 107

Valid cases: 965

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 11
Decimals: 0
Range: -9-44998943281

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 109

Valid cases: 721

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

% of sales: Direct exports (d3c)

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 196
Invalid: 804

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: thailand_2016_full_data

Overview

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

Valid cases: 196
Invalid: 804

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

File: thailand_2016_full_data

Overview

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

Valid cases: 196
Invalid: 804

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: thailand_2016_full_data

Overview

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

Valid cases: 196
Invalid: 804

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: thailand_2016_full_data

Overview

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

Valid cases: 230
Invalid: 770

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: thailand_2016_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: thailand_2016_full_data

Overview

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

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: thailand_2016_full_data

Overview

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

Valid cases: 974
Invalid: 26

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 80
Invalid: 920

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: thailand_2016_full_data

Overview

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

Valid cases: 70
Invalid: 930

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 273
Invalid: 727

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 549
Invalid: 451

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 104
Invalid: 896

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 151

Valid cases: 104

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: thailand_2016_full_data

Overview

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

Valid cases: 104
Invalid: 896

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: thailand_2016_full_data

Overview

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

Valid cases: 104
Invalid: 896

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 104
Invalid: 896

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: thailand_2016_full_data

Overview

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

Valid cases: 104
Invalid: 896

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: thailand_2016_full_data

Overview

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

Valid cases: 104
Invalid: 896

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 221
Invalid: 779

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: thailand_2016_full_data

Overview

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

Valid cases: 221
Invalid: 779

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: thailand_2016_full_data

Overview

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

Valid cases: 221
Invalid: 779

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: thailand_2016_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: thailand_2016_full_data

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

File: thailand_2016_full_data

Overview

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

Valid cases: 169
Invalid: 831

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: thailand_2016_full_data

Overview

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

Valid cases: 169
Invalid: 831

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: thailand_2016_full_data

Overview

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

Valid cases: 169
Invalid: 831

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: thailand_2016_full_data

Overview

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 40
Invalid: 960

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: thailand_2016_full_data

Overview

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

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

File: thailand_2016_full_data

Overview

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

Valid cases: 19
Invalid: 981

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: thailand_2016_full_data

Overview

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

Valid cases: 19
Invalid: 981

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: thailand_2016_full_data

Overview

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

Valid cases: 273
Invalid: 727

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: thailand_2016_full_data

Overview

The Area Is Measured In: (g5b)

File: thailand_2016_full_data

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

Valid cases: 187
Invalid: 813

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 3

Valid cases: 3

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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 247
Invalid: 753

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 7
Decimals: 0
Range: -9-1200000

Valid cases: 50
Invalid: 950

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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 12
Invalid: 988

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 4
Invalid: 996

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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?

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: thailand_2016_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?
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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-700000000

Valid cases: 139
Invalid: 861

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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 7
Decimals: 0
Range: -9-1200000

Valid cases: 139
Invalid: 861

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: thailand_2016_full_data

Overview

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

Valid cases: 132
Invalid: 868

Pre question

SHOW CARD

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 132
Invalid: 868

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: thailand_2016_full_data

Overview

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

Valid cases: 132
Invalid: 868

Pre question

SHOW CARD

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 132
Invalid: 868

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: thailand_2016_full_data

Overview

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

Valid cases: 132
Invalid: 868

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: thailand_2016_full_data

Overview

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

Valid cases: 132
Invalid: 868

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: thailand_2016_full_data

Overview

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

Valid cases: 7
Invalid: 993

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: thailand_2016_full_data

Overview

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

Valid cases: 7
Invalid: 993

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

Type: Discrete
 Format: numeric
 Width: 7
 Decimals: 0
 Range: -9-2200000

Valid cases: 7
 Invalid: 993

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: thailand_2016_full_data

Overview

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

Valid cases: 7
 Invalid: 993

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: thailand_2016_full_data

Overview

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

Valid cases: 7
 Invalid: 993

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: thailand_2016_full_data

Overview

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

Valid cases: 7
 Invalid: 993

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

File: thailand_2016_full_data

Literal question

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

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

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 143
Invalid: 857

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: thailand_2016_full_data

Overview

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

Valid cases: 143
Invalid: 857

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: thailand_2016_full_data

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

File: thailand_2016_full_data

Overview

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

Valid cases: 143
Invalid: 857

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: thailand_2016_full_data

Overview

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

Valid cases: 143
Invalid: 857

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: thailand_2016_full_data

Overview

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

Valid cases: 95
Invalid: 905

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: thailand_2016_full_data

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

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

File: thailand_2016_full_data

Overview

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

Valid cases: 95
Invalid: 905

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: thailand_2016_full_data

Overview

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

Valid cases: 95
Invalid: 905

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 95
Invalid: 905

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: thailand_2016_full_data

Overview

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

Valid cases: 95
Invalid: 905

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-900000000

Valid cases: 95
Invalid: 905

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 143
Invalid: 857

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: -9-10000000000

Valid cases: 7
Invalid: 993

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 61
Invalid: 939

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: thailand_2016_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: thailand_2016_full_data

Overview

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 197
Invalid: 803

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: thailand_2016_full_data

Overview

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

Valid cases: 197
Invalid: 803

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 37
Invalid: 963

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: thailand_2016_full_data

Overview

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

Valid cases: 950
Invalid: 50

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 6
Decimals: 0
Range: -9-500000

Valid cases: 50
Invalid: 950

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 57
Invalid: 943

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: thailand_2016_full_data

Overview

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

Valid cases: 57
Invalid: 943

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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 58
Invalid: 942

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: thailand_2016_full_data

Overview

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

Valid cases: 58
Invalid: 942

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: thailand_2016_full_data

Overview

How Much Of An Obstacle: Tax Rates (j30a)

File: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

How Much Of An Obstacle: Courts (h30)

File: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: -9-20000

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: -9-20000

Valid cases: 1000
Invalid: 0

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

File: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: -9-19500

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: -9-19000

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-1200

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-110

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: -9-17480

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-800

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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

File: thailand_2016_full_data

Overview

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

Valid cases: 14
Invalid: 986

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: thailand_2016_full_data

Overview

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

Valid cases: 14
Invalid: 986

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

File: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-850

Valid cases: 273
Invalid: 727

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-920

Valid cases: 273
Invalid: 727

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-300

Valid cases: 273
Invalid: 727

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-700

Valid cases: 273
Invalid: 727

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: thailand_2016_full_data

Overview

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

Valid cases: 273
Invalid: 727

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-300

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: thailand_2016_full_data

Overview

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

Valid cases: 22
Invalid: 978

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 22
Invalid: 978

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -9-16

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -9-16

Valid cases: 727
Invalid: 273

Literal question

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 634
Invalid: 366

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 351
Invalid: 649

Literal question

What was the primary focus of the formal training programs?

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

File: thailand_2016_full_data

Overview

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

Valid cases: 294
Invalid: 706

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: thailand_2016_full_data

Overview

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

Valid cases: 294
Invalid: 706

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: thailand_2016_full_data

Overview

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

Valid cases: 294
Invalid: 706

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: thailand_2016_full_data

Overview

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

Valid cases: 294
Invalid: 706

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: thailand_2016_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: thailand_2016_full_data

Overview

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

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

Valid cases: 36
Invalid: 964

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: thailand_2016_full_data

Overview

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

Valid cases: 31
Invalid: 969

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: thailand_2016_full_data

Overview

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

Valid cases: 33
Invalid: 967

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: thailand_2016_full_data

Overview

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

Valid cases: 4
Invalid: 996

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: thailand_2016_full_data

Overview

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

Valid cases: 4
Invalid: 996

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 4
Invalid: 996

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: thailand_2016_full_data

Overview

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

Valid cases: 4
Invalid: 996

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: thailand_2016_full_data

Overview

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

Valid cases: 4
Invalid: 996

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 2

Format: character

Width: 47

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 33

Format: numeric

Invalid: 967

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 15

Format: numeric

Invalid: 985

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 15

Format: numeric

Invalid: 985

Width: 2

Decimals: 0

Range: -9-2

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 15
Invalid: 985

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: thailand_2016_full_data

Overview

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

Valid cases: 15
Invalid: 985

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: thailand_2016_full_data

Overview

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

Valid cases: 15
Invalid: 985

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 5

Format: character

Width: 55

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 99

Format: numeric

Invalid: 901

Width: 2

Decimals: 0

Range: -9-10

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 8

Format: numeric

Invalid: 992

Width: 2

Decimals: 0

Range: -9-8

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: thailand_2016_full_data

Overview

Type: Discrete

Valid cases: 4

Format: numeric

Invalid: 996

Width: 2

Decimals: 0

Range: -9-14

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: thailand_2016_full_data

Overview

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

Valid cases: 7
Invalid: 993

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: thailand_2016_full_data

Overview

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

Valid cases: 7
Invalid: 993

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: thailand_2016_full_data

Overview

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

Valid cases: 7
Invalid: 993

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 7
Invalid: 993

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: thailand_2016_full_data

Overview

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

Valid cases: 7
Invalid: 993

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 46

Valid cases: 1

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: thailand_2016_full_data

Overview

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

Valid cases: 69
Invalid: 931

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: thailand_2016_full_data

Overview

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

Valid cases: 50
Invalid: 950

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: thailand_2016_full_data

Overview

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

Valid cases: 34
Invalid: 966

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: thailand_2016_full_data

Overview

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

Valid cases: 50
Invalid: 950

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: thailand_2016_full_data

Overview

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

Valid cases: 50
Invalid: 950

Literal question

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

File: thailand_2016_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 hire (myal39c)

File: thailand_2016_full_data

Overview

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

Valid cases: 50
Invalid: 950

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 hire (myal39d)

File: thailand_2016_full_data

Overview

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

Valid cases: 50
Invalid: 950

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 hire a skilled (myal39e)

File: thailand_2016_full_data

Overview

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

Valid cases: 50
Invalid: 950

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 61

Valid cases: 7

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: thailand_2016_full_data

Overview

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

Valid cases: 69
Invalid: 931

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: thailand_2016_full_data

Overview

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

Valid cases: 24
Invalid: 976

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: thailand_2016_full_data

Overview

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

Valid cases: 16
Invalid: 984

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: thailand_2016_full_data

Overview

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

Valid cases: 24
Invalid: 976

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: thailand_2016_full_data

Overview

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

Valid cases: 24
Invalid: 976

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: thailand_2016_full_data

Overview

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

Valid cases: 24
Invalid: 976

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 24
Invalid: 976

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 hire unskilled (myal46e)

File: thailand_2016_full_data

Overview

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

Valid cases: 24
Invalid: 976

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 41

Valid cases: 2

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 difficulty (eal18a)

File: thailand_2016_full_data

Overview

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-300

Valid cases: 99
Invalid: 901

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: thailand_2016_full_data

Overview

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

Valid cases: 60
Invalid: 940

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

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

Valid cases: 727
Invalid: 273

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: thailand_2016_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: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Self-explanatory

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

File: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-789000000

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: thailand_2016_full_data

Overview

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

File: thailand_2016_full_data

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: -9-7897000000

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: -9-21534200

Valid cases: 727
Invalid: 273

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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-152364782

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-523617492

Valid cases: 273
Invalid: 727

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: -9-8990516800

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

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

File: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: -9-4013713642

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: -9-4120293298

Valid cases: 727
Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: -9-5040080000

Valid cases: 727
Invalid: 273

Literal question

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

File: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: -9-8000000000

Valid cases: 727

Invalid: 273

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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 44

Valid cases: 1000

Main Respondent Years Working In The Firm: (a15a2a)

File: thailand_2016_full_data

Overview

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

Valid cases: 1000

Invalid: 0

Pre question

Main Respondent Years Working In The Firm: (a15a2a)

File: thailand_2016_full_data

Please complete the following information about the interviewee(s)

Main respondent's gender (a15a3)

File: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 16

Valid cases: 11

Second Respondent Years Working In The Firm: (a15a2b)

File: thailand_2016_full_data

Overview

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

Valid cases: 11
Invalid: 989

Pre question

Please complete the following information about the interviewee(s)

Second respondent's gender (a15b3)

File: thailand_2016_full_data

Overview

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

Valid cases: 11
Invalid: 989

Pre question

Please complete the following information about the interviewee(s)

Third Respondent Position In The Firm (a15a1cx)

File: thailand_2016_full_data

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0

Third Respondent Years Working In The Firm: (a15a2c)

File: thailand_2016_full_data

Overview

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

Valid cases: 0
Invalid: 1000

Pre question

Please complete the following information about the interviewee(s)

Third respondent's gender (a15c3)

File: thailand_2016_full_data

Overview

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

Valid cases: 0
Invalid: 1000

Pre question

Please complete the following information about the interviewee(s)

Day (a15d)

File: thailand_2016_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: thailand_2016_full_data

Overview

Month (a15m)

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 1000
Invalid: 0

Literal question

Time face-to-face interview ends

Minutes (a15min)

File: thailand_2016_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: thailand_2016_full_data

Perception Of The Questions Regarding Opinions And Perceptions (a16)

File: thailand_2016_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: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete	Valid cases: 1000
Format: character	
Width: 129	

This Questionnaire Was Completed In: (a18)

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 13
Invalid: 987

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: thailand_2016_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -9-56

Valid cases: 13
Invalid: 987

stratificationregioncode (stratificationregioncode)

File: thailand_2016_full_data

Overview

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

Valid cases: 1000
Invalid: 0

stratificationsizecode (stratificationsizecode)

File: thailand_2016_full_data

Overview

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

Valid cases: 1000
Invalid: 0

stratificationsectorcode (stratificationsectorcode)

File: thailand_2016_full_data

Overview

stratificationsectorcode (stratificationsectorcode)

File: thailand_2016_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: thailand_2016_full_data

Overview

Type: Discrete
 Format: numeric
 Width: 6
 Decimals: 2
 Range: -9-591.941955566406

Valid cases: 1000
 Invalid: 0

Weight according to median eligibility (wmedian)

File: thailand_2016_full_data

Overview

Type: Discrete
 Format: numeric
 Width: 6
 Decimals: 2
 Range: -9-592.108581542969

Valid cases: 1000
 Invalid: 0

Weight according to weak eligibility (wwweak)

File: thailand_2016_full_data

Overview

Type: Discrete
 Format: numeric
 Width: 7
 Decimals: 2
 Range: -9-1449.14501953125

Valid cases: 1000
 Invalid: 0

see notes (strata)

File: thailand_2016_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: thailand_2016_full_data

Overview

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

Valid cases: 289
Invalid: 711

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: thailand_2016_full_data

Overview

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

Valid cases: 181
Invalid: 819

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

Title Manufacturing Module Questionnaire
 Language English
 Filename thailand_2016_es_questionnaire__manufacturing.pdf

Services Module Questionnaire

Title Services Module Questionnaire
 Language English
 Filename thailand_2016_es_questionnaire__services.pdf

Reports

Thailand 2016 Country Profile

Title Thailand 2016 Country Profile
 Language English
 Filename <http://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Thailand-2016.pdf>

Technical documents

Description of Thailand 2016 Implementation

Title Description of Thailand 2016 Implementation
 Language English
 Filename thailand_2016_es_implementation_report.pdf
