

Jordan - Enterprise Survey 2013

**World Bank, European Bank for Reconstruction and Development, European
Investment Bank**

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Sampling

Sampling Procedure

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

The universe was stratified into three manufacturing industries (food manufacturing, garment manufacturing, and other manufacturing), and two service industries (retail, and other services).

Size stratification was defined following the standardized definition for the rollout: small (5 to 19 employees), medium (20 to 99 employees), and large (more than 99 employees). For stratification purposes, the number of employees was defined on the basis of reported permanent full-time workers. This seems to be an appropriate definition of the labor force since seasonal/casual/part-time employment is not common practice, except in the sectors of construction and agriculture.

Regional stratification was defined in five regions (city and the surrounding business area) throughout Jordan. The five regions were Amman, Irbid, Zarqa, Aqaba, and Balqa.

The sample frame used for the survey in Jordan was from several sources: the World Bank SME survey in Jordan, the Amman Chamber of Industry, the Amman Chamber of Commerce, the Irbid Chamber of Industry, the Irbid Chamber of Commerce, the Zarqa Chamber of Industry, the Zarqa Chamber of Commerce, the Aqaba Chamber of Industry, the Aqaba Chamber of Commerce, the Balqa Chamber of Industry, the Balqa Chamber of Commerce, and the Orbis database (Bureau van Dijk for the validation of large-sized firms).

The enumerated establishments were then used as the frame for the selection of a sample with the aim of obtaining interviews at 600 establishments with five or more employees.

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 8.7 % (182 out of 2,104 establishments).

Response Rate

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

Item non-response was addressed by two strategies:

- a- For sensitive questions that may generate negative reactions from the respondent, such as corruption or tax evasion, enumerators were instructed to collect the refusal to respond as a different option from don't know.
- 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 realized interviews per contacted establishment was 0.27. This number is the result of two factors: explicit refusals to participate in the survey, as reflected by the rate of rejection (which includes rejections of the screener and the main survey) and the quality of the sample frame, as represented by the presence of ineligible units. The number of rejections per contact was 0.08.

Weighting

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 following survey instruments are available:

- Manufacturing Questionnaire;
- Services Questionnaire.

Data Collection

Data Collection Dates

Start	End	Cycle
2013-05	2014-01	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 or director of each establishment. All Enterprise Surveys are conducted in the local languages.

The Gallup Organization and Dajani Consulting were hired to implement the Jordan 2013 Enterprise Survey.

Data Collectors

Name	Abbreviation	Affiliation
Gallup		
Dajani Consulting		

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

jordan_2013_full_data

Content	The dataset contains information from regular Enterprise Survey questionnaires and innovation module questionnaires.
Cases	573
Variable(s)	416
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1144	idstd	WEB STD FIRMID	discrete	numeric	
V1145	phoneid	ID	discrete	numeric	
V1146	id	interview number	discrete	numeric	
V1147	a0	Questionnaire	discrete	numeric	
V1148	a1	Country Code	discrete	numeric	
V1149	a1a	Language Of The Interview	discrete	character	
V1150	a2	Sampling Region	discrete	numeric	
V1151	a3a	Region Of The Establishment	discrete	numeric	
V1152	a3b	is this city the official capital city?	discrete	numeric	Is this city the official capital city?
V1153	a3c	is this city the main business city?	discrete	numeric	Is this city the main business city?
V1154	a3	Size Of Locality	discrete	numeric	
V1155	a4a	Industry Sampling Sector	discrete	numeric	
V1156	a4b	Industry Screener Sector	discrete	numeric	
V1157	a5	Sector Match Between Screener Information And Sample Frame	discrete	numeric	Sector match between screener information and sample frame
V1158	a6a	Sampling Size	discrete	numeric	
V1159	a6b	Screener Size	discrete	numeric	
V1160	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V1161	a7a	Number Of Establishments In The Firm	discrete	numeric	Number of establishments that form the firm
V1162	a7a1	Establishment part of a larger firm?	discrete	numeric	
V1163	a7b	Organization headquarter or subsidiary	discrete	numeric	
V1164	a8	Type Of Establishment	discrete	numeric	Type of establishment
V1165	a9	Establishment's Financial Statements Prepared Separately from HQ Statements	discrete	numeric	Are establishment's financial statements prepared separately from HQ's statements?
V1166	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
V1167	a11	If HQ, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	If HQ, are financial statements independent from the rest of establishments?
V1168	a11a	How Many Establishments Are Included In The Financial Statements?	discrete	numeric	
V1169	a12	Interviewer Number	discrete	character	Interviewer code
V1170	a14d	Day	contin	numeric	Date face-to-face interview begins: Day (dd)
V1171	a14m	Month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V1172	a14y	Year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)
V1173	a14h	Hour	contin	numeric	Time face-to-face interview begins: Hour (00 to 23)
V1174	a14min	Minutes	contin	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V1175	b1	Legal Status of the Firm	discrete	numeric	What is this firm's current legal status?
V1176	b1x	Other (Specify)	discrete	character	What is this firm's current legal status? Other
V1177	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?
V1178	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
V1179	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
V1180	b2c	% owned by Government/State	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V1181	b2d	% owned by Other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V1182	MNAb4a	Is the Principal owner a female?	discrete	numeric	Is the principal owner, or one of the principal owners, a female? (The principal owner is the person or persons with the largest ownership share)
V1183	b4	Amongst the owners of the firm, are there any females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V1184	b4a	% of the firm owned by females	discrete	numeric	What percentage of the firm is owned by females?
V1185	MNAq5	How was the firm established?	discrete	numeric	How was this firm established?
V1186	MNAq5x	How was the firm established (Other)	discrete	character	How was this firm established?
V1187	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V1188	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
V1189	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V1190	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V1191	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?
V1192	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V1193	MNA7b	Highest level of Top Manager education	discrete	numeric	What is the highest level of education completed by the Top Manager?
V1194	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V1195	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?
V1196	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?
V1197	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?
V1198	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?
V1199	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?
V1200	c8	How Long Did The Average Power Outage Last?	discrete	numeric	How long did these power outages last on average?
V1201	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
V1202	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
V1203	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?
V1204	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
V1205	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?
V1206	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?
V1207	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?
V1208	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?
V1209	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?
V1210	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?
V1211	c18	% Of Water Supply (Used In Production) From Public Sources In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following? Water from public sources
V1212	MNAc18a	% of water supply from own or shared well	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following? Your own well or shared well
V1213	MNAc18b	% of water supply purchased from private vendors	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following? Purchased from private vendors
V1214	MNAc18c	% of water supply from other	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of this establishment's water supply, used in the production process, was from the following? Other
V1215	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?
V1216	c22b	Establishment has its own website	discrete	numeric	At the present time, does this establishment use its own website?
V1217	c28	Cell phones used in operations of the establishment	discrete	numeric	Does this establishment currently use cell phones for the operations of the establishment?
V1218	c30a	How Much Of An Obstacle: Electricity To Operations Of This Establishment?	discrete	numeric	Is electricity No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

ID	Name	Label	Type	Format	Question
V1219	MNAc31a1	Change in total costs if electricity no longer an obstacle	discrete	numeric	Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if electricity is no longer an obstacle?
V1220	MNAc31a3	Expected % decrease in total costs - electricity no obstacle	discrete	numeric	By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?
V1221	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?
V1222	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)?
V1223	d1a2	First Product/Service Isic Code	contin	numeric	PLEASE CHOOSE THE 4-DIGIT ISIC REV 3.1 CODE THAT BEST APPLIES TO THE ESTABLISHMENT'S MAIN ACTIVITY AND PRODUCT.
V1224	d1a3	First Product/Service, Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V1225	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?
V1226	n3	What Were the Establishment Sales 3 years ago (FY 2009)	discrete	numeric	In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?
V1227	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
V1228	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)
V1229	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
V1230	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?
V1231	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?

ID	Name	Label	Type	Format	Question
V1232	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?
V1233	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?
V1234	MNAAd7x	Main country of destination for this establishment's exports	discrete	character	In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of breakage or spoilage?
V1235	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?
V1236	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?
V1237	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
V1238	d12b	% Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], as a proportion of all material inputs or supplies purchased that year, what percentage of this establishment's material inputs or supplies were: Material inputs or supplies of foreign origin
V1239	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?
V1240	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?
V1241	MNAAd14b	Longest number of days to clear customs in last fiscal yr (direct import)	discrete	numeric	In fiscal year [insert last complete fiscal year], when this establishment imported material inputs or supplies, what was the longest number of days that it took from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?

ID	Name	Label	Type	Format	Question
V1242	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?
V1243	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?
V1244	d30a	How Much Of An Obstacle: Transport?	discrete	numeric	Using the response options on the card; To what degree is Transport an obstacle to the current operations of this establishment?
V1245	d30b	How Much Of An Obstacle: Customs And Trade Regulations?	discrete	numeric	Using the response options on the card; To what degree is Customs and Trade Regulation an obstacle to the current operations of this establishment?
V1246	MNA d31b1	Change in total costs if customs and trade regulations are no longer an obstacle	discrete	numeric	Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if customs and trade regulations are no longer an obstacle?
V1247	MNA d31b3	Expected % decrease in total costs - customs and trade regulations no obstacle	discrete	numeric	By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?
V1248	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?
V1249	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?
V1250	MNA e3a	Pressure from domestic competitors	discrete	numeric	How important are each of the following influences on this establishment to reduce the production costs of existing products and/or to develop new products on a scale of 1 to 4, 1 being "Not at all important" and 4 being "Very important".
V1251	MNA e3b	Pressure from foreign competitors	discrete	numeric	How important are each of the following influences on this establishment to reduce the production costs of existing products and/or to develop new products on a scale of 1 to 4, 1 being "Not at all important" and 4 being "Very important". Pressure from foreign competitors
V1252	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?
V1253	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?

ID	Name	Label	Type	Format	Question
V1254	MNAq53	National, regional, local government or EU subsidies over last 3 yrs?	discrete	numeric	Over the last three years has this establishment received any subsidies from the national, regional or local governments or European Union sources?
V1255	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?
V1256	MNAe20	Biggest obstacle faced by establishment from competitors	discrete	numeric	By looking at card [insert card number] can you tell me which of the practices of your competitors included in the list, if any, currently represents the biggest obstacle faced by this establishment
V1257	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?
V1258	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?
V1259	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?
V1260	h4a	New method for input, products, or service introduced over last 3 yrs	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?
V1261	h4b	New supporting activities for process introduced over last 3 yrs	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?
V1262	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?
V1263	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?
V1264	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?
V1265	h8	During the last 3 years, did establ. give employees time to develop new idea?	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?

ID	Name	Label	Type	Format	Question
V1266	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)?
V1267	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?
V1268	MNAf3	Plans to increase size of the establishment	discrete	numeric	Are you planning to increase the production capacity and/or volume of sales of this establishment over the next year?
V1269	MNAf4	Satisfied with current size of establishment?	discrete	numeric	Are you satisfied with the current production capacity and/or volume of sales of this establishment?
V1270	MNAf5a	Satisfied because no more growth potential	discrete	numeric	What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?
V1271	MNAf5b	Satisfied so to avoid increased regulatory burden	discrete	numeric	What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?
V1272	MNAf5c	Satisfied so to avoid shareholder dispersion	discrete	numeric	What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?
V1273	MNAf5d	Content with current workload	discrete	numeric	What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?
V1274	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
V1275	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
V1276	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
V1277	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
V1278	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
V1279	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other
V1280	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?

ID	Name	Label	Type	Format	Question
V1281	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?
V1282	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?
V1283	g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V1284	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment?
V1285	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment?
V1286	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?
V1287	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?
V1288	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
V1289	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
V1290	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?
V1291	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
V1292	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

ID	Name	Label	Type	Format	Question
V1293	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?
V1294	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?
V1295	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?
V1296	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
V1297	k3b	% of Working capital Borrowed from banks private	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? Borrowed from private banks
V1298	k3c	% of Working capital Borrowed from banks state owned	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? Borrowed from state-owned banks
V1299	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
V1300	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
V1301	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.)
V1302	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?

ID	Name	Label	Type	Format	Question
V1303	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)
V1304	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
V1305	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
V1306	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
V1307	k5b	Last FY, % Fixed Assets Funded By: Bank Borrowing-Private	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 private banks
V1308	k5c	Last FY, % Fixed Assets Funded By: Bank Borrowing-State Owned	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 state-owned banks
V1309	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
V1310	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
V1311	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Other (moneylenders, friends, relatives, bonds, commercial papers etc)

ID	Name	Label	Type	Format	Question
V1312	MNAk4a	Leasing of fixed assets in last fiscal yr?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment lease any fixed assets, such as machinery, vehicles, equipment, land or buildings?
V1313	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?
V1314	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V1315	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?
V1316	MNAk8c	Reason for not having a line of credit/loan	discrete	numeric	What is the reason for not having a loan or line of credit currently?
V1317	MNAk8d	Reason why loan application turned down	discrete	numeric	What was the main reason given when the application was turned down?
V1318	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?
V1319	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?
V1320	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?
V1321	MNAq46f	Currency of the most recent line of credit/loan	discrete	numeric	In what currency is the most recent line of credit or loan denominated?
V1322	MNAq46fx	Currency of the most recent line of credit/loan (Other)	discrete	character	In what currency is the most recent line of credit or loan denominated?
V1323	MNAq46d	Annual nominal interest rate of the most recent line of credit/loan	discrete	numeric	What is the annual nominal interest rate (in percent) of the most recent line of credit or loan?
V1324	MNAq46e	Original duration of the most recent line of credit/loan in months	discrete	numeric	What was the original duration of the most recent line of credit or loan in months?
V1325	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?
V1326	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
V1327	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
V1328	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

ID	Name	Label	Type	Format	Question
V1329	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.)
V1330	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
V1331	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?
V1332	MNAk15a1	Outstanding balance on the most recent line of credit/loan (LCU)	discrete	numeric	What is the outstanding balance on this most recent line of credit or loan?
V1333	k15b	Total number of outstanding loans/lines of credit held by this establishment	discrete	numeric	What is the total number of outstanding loans or lines of credit held by this establishment?
V1334	k15c	Total value of outstanding loans/lines of credit held by this establishment (LCU)	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?
V1335	k15d	Outstanding personal loans used to finance establishment's business activities?	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?
V1336	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?
V1337	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?
V1338	k20a	Outcome of the most recent application for line of credit/loan	discrete	numeric	Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?
V1339	MNAk20b	Which source of funding was the most important to make up for the partial loan r	discrete	numeric	Referring only to this most recent application for a line of credit or loan, which source of funding was the most important to make up for the partial loan rejection?
V1340	MNAk20c	Why did the establishment withdraw its application	discrete	numeric	Referring only to this most recent application for a line of credit or loan, why did this establishment withdraw its application?
V1341	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?
V1342	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?
V1343	MNAq31e	Has the establishment been to court as plaintiff or defendant in last 3 yrs	discrete	numeric	Has this establishment been to court as a plaintiff or as a defendant in the last three years?

ID	Name	Label	Type	Format	Question
V1344	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."
V1345	MNAj1b	The court system is quick	discrete	numeric	I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "The court system is quick."
V1346	MNAj1c	The court system is able to enforce its decisions	discrete	numeric	I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "The court system is able to enforce its decisions."
V1347	MNAj1a	Judicial system will enforce contractual and property rights in business dispute	discrete	numeric	I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "I'm confident that the court system will enforce this establishment's contractual and property rights in business disputes."
V1348	MNAj1d	Govt officials interpretation of regulations are consistent and predictable	discrete	numeric	I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "In general, government officials' interpretations of regulations affecting this establishment are consistent and predictable."
V1349	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]
V1350	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?
V1351	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?
V1352	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?

ID	Name	Label	Type	Format	Question
V1353	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?
V1354	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?
V1355	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
V1356	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
V1357	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?
V1358	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?
V1359	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?
V1360	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?
V1361	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?
V1362	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?

ID	Name	Label	Type	Format	Question
V1363	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
V1364	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
V1365	MNAj31b1	Change in total costs if tax administration no longer an obstacle	discrete	numeric	Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if tax administration is no longer an obstacle?
V1366	MNAj31b3	Expected % decrease in total costs - tax administration no obstacle	discrete	numeric	By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?
V1367	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
V1368	MNAj31c1	Change in total costs if business licensing and permits no longer an obstacle	discrete	numeric	Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if business licensing and permits are no longer an obstacle?
V1369	MNAj31c3	Expected % decrease in total costs - business licensing and permits no obstacle	discrete	numeric	By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?
V1370	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
V1371	j30f	How Much Of An Obstacle: Corruption	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Corruption

ID	Name	Label	Type	Format	Question
V1372	MNAj31f1	Change in total costs if corruption no longer an obstacle	discrete	numeric	Would your total annual costs increase, remain the same or decrease over the next fiscal year if corruption is no longer an obstacle?
V1373	MNAj31f3	Expected % decrease in total costs - corruption no obstacle	discrete	numeric	By what percentage would your total annual costs DECREASE in the next fiscal year?
V1374	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
V1375	MNAj30g	Regulatory Policy Uncertainty	discrete	numeric	Using the response options on the card; To what degree is Regulatory Policy Uncertainty an obstacle to the current operations of this establishment?
V1376	I1	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
V1377	I2	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
V1378	I3a	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
V1379	MNAI3a	Number of production workers under 30 yrs old	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were production workers younger than 30 years old:
V1380	I3b	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]
V1381	MNAI3b	Number of non-production workers under 30 yrs old	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were non-production workers younger than 30 years old:
V1382	I4a	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 individuals working in this establishment were skilled production workers:
V1383	I4b	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
V1384	MNAI4a	Number of skilled workers under 30 yrs old	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were skilled production workers younger than 30 years old
V1385	MNAI4b	Number of unskilled workers under 30 yrs old	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were unskilled production workers younger than 30 years old:
V1386	MNAI4c	Did total wage cost of an average permanent full time employee change	discrete	numeric	Over the course of fiscal year [insert last complete fiscal year], did the total wage cost of an average permanent full-time employee
V1387	MNAI4d	% increase in total wage cost of an average permanent full time employee	discrete	numeric	Over the course of fiscal year [insert last complete fiscal year], in percentage terms, how much did the total wage cost of an average permanent full-time employee increase?
V1388	MNAI4e	% decrease in total wage cost of an average permanent full time employee	discrete	numeric	Over the course of fiscal year [insert last complete fiscal year], in percentage terms, how much did the total wage cost of an average permanent full-time employee decrease?
V1389	MNAI4f	Main reason for total wage cost change	discrete	numeric	The main reason for this change was:
V1390	MNAI4fx	Main reason for total wage cost change (other)	discrete	character	The main reason for this change was:
V1391	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
V1392	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
V1393	MNAI5c	Female permanent full-time professionals number	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many female, permanent, full-time professionals worked in this establishment? (Professional employees are those whose daily responsibilities include work of an intellectual nature and/or managerial responsibilities)
V1394	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?

ID	Name	Label	Type	Format	Question
V1395	I6	Num. Full-Time Temporary Employees At End Of Last Fiscal Yr	discrete	numeric	How many full-time temporary employees did this establishment employ in fiscal year [insert last complete fiscal year]?
V1396	I6a	Female temporary, full-time workers employed throughout last fiscal yr	discrete	numeric	How many full-time temporary employees did this establishment employ throughout year [insert last complete fiscal year]? Female full-time seasonal or temporary workers employed last fiscal year
V1397	I8	Avg. Length Of Employment Of All Full-time Temporary Employees In Last Fiscal Yr	discrete	numeric	What was the average length of employment of all full-time temporary employees in fiscal year [insert last complete fiscal year]?
V1398	I9a	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
V1399	I9a2	Average number of yrs of education of typical female production worker	discrete	numeric	What is the average number of years of education of a typical permanent full-time production worker employed in this establishment? Average number of years of education of typical female production worker
V1400	MNAI9a1	Number of permanent employees with University degree or higher	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many full-time permanent employees in this establishment had the following as their highest education level?
V1401	MNAI9a2	Number of permanent employees with completed secondary (incl. vocational)	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many full-time permanent employees in this establishment had the following as their highest education level?
V1402	I10	Formal Training Programs For Permanent, Full-time Employees In Last Fiscal Yr	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment have formal training programs for its permanent, full-time employees?
V1403	I11a	# Permanent Full-time Production 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? Production full-time permanent employees trained
V1404	I11b	% Permanent Full-time Production Employees Received Formal Training In Last FY	discrete	numeric	And how many or what percentage of Non-production full-time permanent employees received formal training?
V1405	I11c	# Full-time Non-Production Employees Received Formal Training In Last FY	discrete	numeric	And how many or what percentage of Non-production full-time permanent employees received formal training? Non-production full-time permanent employees trained

ID	Name	Label	Type	Format	Question
V1406	l11d	% Full-time Non-Production Employees Received Formal Training In Last FY	discrete	numeric	And how many or what percentage of Non-production full-time permanent employees received formal training? Non-production full-time permanent employees trained
V1407	l30a	How Much Of An Obstacle: Labor Regulations?	discrete	numeric	Using the response options on the card; To what degree are Labor Regulations an obstacle to the current operations of this establishment?
V1408	l30b	How Much Of An Obstacle: Inadequately Educated Workforce?	discrete	numeric	Using the response options on the card; To what degree is an Inadequately Educated Workforce an obstacle to the current operations of this establishment?
V1409	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
V1410	m1d	Rotation Order	discrete	numeric	By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment. Rotation
V1411	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)
V1412	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
V1413	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
V1414	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
V1415	n2ra	Total rental cost of machinery, vehicles and equipment	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total rental cost of machinery, vehicles and equipment
V1416	n2rb	Total rental cost of land and buildings	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total rental cost of land and buildings

ID	Name	Label	Type	Format	Question
V1417	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
V1418	n2j	Other Cost Of Production	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Other cost of production not included above
V1419	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
V1420	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
V1421	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
V1422	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 and regardless of whether the establishment owns them or not, how much would they cost, independently of whether they are owned, rented or leased? Land and buildings
V1423	MNAa8a	value of total assets	discrete	numeric	What was the value of the following at the end of the fiscal year [insert last complete fiscal year]: Value of your total assets
V1424	MNAa20	Is the top mannger of the establishment also the owner	discrete	numeric	Is the top manager of this establishment also the owner of this establishment?
V1425	a15a2a	Main Respondent Years Working In The Firm:	discrete	numeric	Information about the respondent for the innovation module
V1426	MNAa15a4a	Main respondent's yrs in the position	discrete	numeric	Information about the respondent for the innovation module
V1427	a15a3a	Main Respondent Gender	discrete	numeric	Information about the respondent for the innovation module
V1428	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	Information about the respondent for the innovation module
V1429	MNAa15a4b	Second respondent's yrs in the position	discrete	numeric	Information about the respondent for the innovation module
V1430	a15a3b	Second Respondent Gender	discrete	numeric	Information about the respondent for the innovation module
V1431	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	Information about the respondent for the innovation module
V1432	MNAa15a4c	Third respondent's yrs in the position	discrete	numeric	Information about the respondent for the innovation module

ID	Name	Label	Type	Format	Question
V1433	a15a3c	Third Respondent Gender	discrete	numeric	Information about the respondent for the innovation module
V1434	a15d	Day	contin	numeric	Time face-to-face interview ends
V1435	a15m	Month	discrete	numeric	Time face-to-face interview ends
V1436	a15y	Year	discrete	numeric	Time face-to-face interview ends
V1437	a15h	Hour	contin	numeric	Time face-to-face interview ends
V1438	a15min	Minutes	contin	numeric	Time face-to-face interview ends
V1439	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:
V1440	a17	Responses To The Questions About Figures Are...	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V1441	a14iy	Time innovation module starts: Year	discrete	numeric	
V1442	a14im	Time innovation module starts: Month	discrete	numeric	
V1443	eligible_for_innovation	Eligible for innovation module	discrete	numeric	
V1444	proceed_refuse_innovation	Proceed refuse innovation	discrete	numeric	
V1445	a23	Mode of questionnaire implementation	discrete	numeric	
V1446	a23x	Mode of questionnaire implementation (Other)	discrete	character	
V1447	a14id	Time innovation module starts: Day	contin	numeric	
V1448	a14ih	Time innovation module starts: Hour	contin	numeric	
V1449	a14imin	Time innovation module starts: Minutes	contin	numeric	
V1450	a15iy	Time innovation module ends: Year	discrete	numeric	Time innovation module interview ends:
V1451	a15im	Time innovation module ends: Month	discrete	numeric	Time innovation module interview ends:
V1452	a15id	Time innovation module ends: Day	contin	numeric	Time innovation module interview ends:
V1453	a15ih	Time innovation module ends: Hour	contin	numeric	Time innovation module interview ends:
V1454	a15imin	Time innovation module ends: Minutes	contin	numeric	Time innovation module interview ends:
V1455	MNAI4	How many permanent, full-time individuals in this establishment were younger tha	discrete	numeric	
V1456	MNAo1a	No. of new/significantly improved products/services introduced over last 3 yrs	discrete	numeric	During the last three years, how many new or significantly improved products did this establishment introduce in the market?

ID	Name	Label	Type	Format	Question
V1457	MNAo1bx	Main new/significantly improved product/service	discrete	character	In fiscal year [insert year], what was this establishment's main new or significantly improved product, that is, the new or significantly improved product that represented the largest proportion of annual sales (among all new or significantly improved products)?
V1458	MNAo2a	Main new /significantly improved product/service new to local market	discrete	numeric	At the time of its introduction, was this establishment's main new or significantly improved product new to...?
V1459	MNAo2b	Main new /significantly improved product/service new to national market	discrete	numeric	At the time of its introduction, was this establishment's main new or significantly improved product new to...?
V1460	MNAo2c	Main new /significantly improved product/service new to international market	discrete	numeric	At the time of its introduction, was this establishment's main new or significantly improved product new to...?
V1461	MNAo3a	New product/service: Added new functions to existing product/service	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? New product has added new functions to an existing product
V1462	MNAo3i	New product/service: Completed new function compared to the existing produce	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? New product has completely new functions compared to the existing product
V1463	MNAo3b	New product: Uses new materials/components that enhance its performance	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? New product uses new materials or components that enhance its performance compared to the existing product
V1464	MNAo3c	New product: Uses new technology	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? New product uses new technology
V1465	MNAo3d	New product: Looks different from the existing product	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? New product looks different from the existing product

ID	Name	Label	Type	Format	Question
V1466	MNAo3h	New product/service: Cheaper to produce of offer	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? New product is cheaper to produce compared to the existing product
V1467	MNAo3e	New product/service: Completely new to the establishment	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? New product is completely new to the establishment
V1468	MNAo3f	New product/service: Other	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? Other
V1469	MNAo3fx	New product/service: Other specified	discrete	character	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other? Other (specify)
V1470	mnao3g	New product/service: More efficient/easier to use	discrete	numeric	Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?
V1471	MNAo4	% annual sales accounted for by new or significantly improved products/services	discrete	numeric	In fiscal year [insert year], what percentage of this establishment's total annual sales was accounted for by products that were introduced or significantly improved over the last three years?
V1472	MNAo5	Way in which main new/significantly improved product/service introduced	discrete	numeric	Which of the following best describes the way in which the main new or significantly improved product was introduced or developed?
V1473	MNAo5x	Way in which main new/significantly improved product/service introduced (Other)	discrete	character	Which of the following best describes the way in which the main new or significantly improved product was introduced or developed? Other (specify)
V1474	MNAhb13a	Reason to introduce - replace an old product	discrete	numeric	Does any of the following describe why this establishment introduced this main new or significantly improved product: To replace an old product sold by this establishment
V1475	MNAhb13d	Reason to introduce - extend the range of products	discrete	numeric	Does any of the following describe why this establishment introduced this main new or significantly improved product: To extend the range of products sold by this establishment

ID	Name	Label	Type	Format	Question
V1476	MNAhb13e	Reason to introduce - open up new markets	discrete	numeric	Does any of the following describe why this establishment introduced this main new or significantly improved product: To open up new markets or increase market share
V1477	MNAhb13f	Reason to introduce - lower the cost	discrete	numeric	Does any of the following describe why this establishment introduced this main new or significantly improved product: To lower the cost of production
V1478	MNAhb13g	Reason to introduce - keep up with competition	discrete	numeric	Does any of the following describe why this establishment introduced this main new or significantly improved product: To keep up with competition
V1479	MNAhb13h	Reason to introduce - comply with regulation	discrete	numeric	Does any of the following describe why this establishment introduced this main new or significantly improved product: To comply with regulations or standards
V1480	MNAhb13i	Reason to introduce - deal with a decrease in the demand	discrete	numeric	Does any of the following describe why this establishment introduced this main new or significantly improved product: To deal with a decrease in the demand for other products
V1481	MNAo6	Purchase/license inventions, patent, know-how to offer new product/service?	discrete	numeric	Did the establishment have to purchase or license any inventions, patent or know-how in order to start producing this new or significantly improved product?
V1482	hb23	The source of the latest invention, patent or know-how licensed or purchased from	discrete	numeric	Was the latest invention, patent or know-how licensed or purchased from
V1483	MNAo7a	Introduced new methods of supplying products/services over last 3 yrs	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved: Production methods
V1484	MNAo7b	Introduced new logistics, delivery, distribution methods over last 3 yrs	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved: Logistics, delivery or distribution methods for this establishment's inputs and/or products
V1485	MNAo7c	Introduced new ancillary support services over last 3 yrs	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved: Ancillary support services, such as purchasing, accounting, computing and maintenance
V1486	MNAo8x	Most important new/significantly improved method of supplying products/services	discrete	character	Please give a short description of this establishment's most important new or significantly improved production or delivery method.
V1487	MNAo9a	New method of supplying products/services new to local market	discrete	numeric	At the time of its introduction, was this establishment's main new or significantly improved production or delivery method new to other firms operating: In this establishment's local market

ID	Name	Label	Type	Format	Question
V1488	MNAo9b	New method of supplying products/services new to national market	discrete	numeric	At the time of its introduction, was this establishment's main new or significantly improved production or delivery method new to other firms operating: in [country]
V1489	MNAo9c	New method of supplying products/services new to international market	discrete	numeric	At the time of its introduction, was this establishment's main new or significantly improved production or delivery method new to other firms operating: In the international market
V1490	MNAo10a	New method of supplying products/services: change in techniques	discrete	numeric	Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in: Techniques
V1491	MNAo10b	New method of supplying products/services: change in machinery and equipment	discrete	numeric	Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in: Machinery and equipment
V1492	MNAo10c	New method of supplying products/services: change in software	discrete	numeric	Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in: Software
V1493	MNAo10d	New method of supplying products/services: management	discrete	numeric	Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in: Management
V1494	MNAhc8	Is this method similar to previous ones	discrete	numeric	Is this main new or significantly improved process similar to any process that was or is being used by this establishment?
V1495	MNAhc9a	How the main new improved process is different - automates manual process	discrete	numeric	Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original? It automates manual processes, partially or fully
V1496	MNAhc9b	How the main new improved process is different - lower costs	discrete	numeric	Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original? It lowers costs compared to the old process
V1497	MNAhc9c	How the main new improved process is different - complements new machinery	discrete	numeric	Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original? It complements new machinery

ID	Name	Label	Type	Format	Question
V1498	MNAhc9d	How the main new improved process is different - faster	discrete	numeric	Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original? Is it faster than the old process
V1499	MNAhc9g	How the main new improved process is different - Other	discrete	numeric	Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original? Other
V1500	MNAhc9gx	How the main new improved process is different -Specify	discrete	character	Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original? Other (specify)
V1501	MNAo11	Way of intro of main new/significantly improved production/delivery method	discrete	numeric	Which of the following best describes the way in which this establishment introduced or developed the main new or significantly improved production or delivery method?
V1502	MNAo11x	Way of intro of main new/significantly improved production/delivery method (Oth)	discrete	character	Which of the following best describes the way in which this establishment introduced or developed the main new or significantly improved production or delivery method?
V1503	hc16b	The reason to introduce - raise the quality of products	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To raise the quality of products sold by this establishment
V1504	hc16c	The reason to introduce - raise the volume of products or service	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To raise the volume of products sold or services offered
V1505	hc16d	The reason to introduce - extend the range of products	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To extend the range of products sold by this establishment
V1506	hc16e	The reason to introduce - open up new market or increase the share	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To open up new markets or increase market share
V1507	hc16f	The reason to introduce - lower the cost of production	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To lower the cost of production

ID	Name	Label	Type	Format	Question
V1508	hc16g	The reason to introduce - keep up with competition	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To keep up with competition
V1509	hc16h	The reason to introduce -comply with regulations or standards	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To comply with regulations or standards
V1510	hc16j	The reason to introduce - raise flexibility or speed of the production	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To raise the flexibility or speed of production
V1511	MNAhc16b	The reason to introduce - raise the quality of products or service	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To raise the quality of products sold by this establishment
V1512	MNAhc16c	The reason to introduce - raise the volume of products or service	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To raise the volume of products sold or services offered
V1513	MNAhc16d	The reason to introduce - extend the range of the products or service	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To extend the range of products sold by this establishment
V1514	MNAhc16e	The reason to introduce - open up new market or increase the share	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To open up new markets or increase market share
V1515	MNAhc16f	The reason to introduce - lower the cost of offering the service	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To lower the cost of production
V1516	MNAhc16g	The reason to introduce - keeo with competition	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To keep up with competition
V1517	MNAhc16h	The reason to introduce - comply with regulation or standards	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To comply with regulations or standards
V1518	MNAhc16j	The reason to introduce - raise the flexibility	discrete	numeric	Does any of the following describe why this establishment introduced the main new or significantly improved process? To raise the flexibility or speed of production
V1519	MNAo12	Purchase/license inventions, patent, know-how to apply new process method?	discrete	numeric	Did the establishment have to purchase or license any inventions, patent or know-how in order to apply this new production or delivery method?

ID	Name	Label	Type	Format	Question
V1520	MNAo13	Technology compared to the technology of establishment's main competitor	discrete	numeric	Thinking of this establishment's main product line and comparing this establishment's technology with that of its main competitor, which of the following best summarizes your position?
V1521	MNAo14a	New knowledge management systems	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time? New knowledge management systems to better use or exchange information, knowledge and skills within the establishment
V1522	MNAo14b	Introduction of management systems for general production or supply operations	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time? Introduction of management systems for general production or supply operations (such as supply chain management systems, lean production, business reengineering, quality management systems)
V1523	MNAo14c	New methods for distributing responsibilities, decision making among employees	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time? New methods for distributing responsibilities and decision making among employees
V1524	MNAo14d	Significant change to the management structure of the establishment	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time? A significant change to the management structure of the establishment (such as creating new divisions or departments, integrating different departments or activities)
V1525	MNAo14e	New types of collaborations with businesses, research organisations, consumers	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time? New types of collaborations with other businesses, research organizations or consumers
V1526	MNAo14f	Outsourcing, subcontracting of business activities for the first time	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time? Outsourcing or subcontracting of business activities in production, procurement, distribution, recruiting or ancillary services
V1527	MNAo15a	Significant changes in the product's appearance	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time? Significant changes in the product's appearance

ID	Name	Label	Type	Format	Question
V1528	MNAo15b	Introduction of a new method of advertising or product promotion	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time? Introduction of a new method of advertising or product promotion (such as use of a new media for advertising, a new brand image or logo, a new trademark)
V1529	MNAo15c	Introduction of a new method of product placement or sales channels	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time? Introduction of a new method of product placement or sales channels (such as product licensing, franchising, direct selling, exclusive retailing, tailoring or customizing the presentation of the product to different types of customers)
V1530	MNAo15d	New pricing strategies to market the establishment's goods or services	discrete	numeric	During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time? New pricing strategies to market the establishment's goods or services, excluding pricing methods used solely to differentiate prices by customer segments
V1531	MNAo16	Spending on R&D within establishment over last 3 yrs?	discrete	numeric	During the last three years did this establishment spend on research and development activities within the establishment?
V1532	MNAo17	Expenditures on R&D within establishment in last fiscal yr (LCU)	discrete	numeric	In fiscal year [insert year], how much did this establishment spend on research and development activities performed within this establishment? Please include personnel cost, materials and purchase of fixed assets.
V1533	MNAo18	Spending on R&D contracted with other companies over last 3 yrs?	discrete	numeric	During the last three years, did this establishment spend on research and development activities contracted with other companies?
V1534	MNAo19	Expenditures on R&D contracted with other companies in last fiscal yr (LCU)	discrete	numeric	In fiscal year [insert year], how much did this establishment spend on research and development activities contracted with other companies?
V1535	MNAo20	Spending on acquisition of external knowledge over last 3 yrs?	discrete	numeric	During the last three years, did this establishment spend on the acquisition of external knowledge? This includes purchase or licensing of patents and non-patented inventions, know-how and other types of knowledge from other businesses or organizations.
V1536	MNAo21	Source of purchase or license of the latest invention, patent or know-how	discrete	numeric	Was the latest invention, patent or know-how licensed or purchased from:
V1537	MNAo22a	% of workforce that regularly used PCs in their jobs at end last fiscal yr	discrete	numeric	At the end of fiscal year [insert year], what percent of this establishment's workforce regularly used personal computers in their jobs?

ID	Name	Label	Type	Format	Question
V1538	MNAo22b	% of workforce that regularly used PCs in their jobs 3 fiscal yrs ago	discrete	numeric	Three fiscal years ago, at the end of fiscal year [insert year], what percent of this establishment's workforce regularly used personal computers in their jobs?
V1539	MNAo23a	Ever been granted a patent?	discrete	numeric	Has this establishment ever been granted a patent?
V1540	MNAo23b	Apply for a patent/trademark over last 3 yrs?	discrete	numeric	During the last three years, did this establishment apply for a patent or a trademark?
V1541	MNAo23d	Granted a patent/trademark over last 3yrs?	discrete	numeric	During the last three years, has this establishment been granted a patent or a trademark?
V1542	MNAo23cx	Country/countries where establishment applied for a patent/trademark	discrete	character	During the last three years, in which country or countries did this establishment apply for a patent or a trademark?
V1543	MNAr1	Dealing with problems in the production process over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], what best describes what happened at this establishment when a problem in the production process arose?
V1544	MNAr2	Number of production performance indicators monitored over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], how many production performance indicators were monitored at this establishment?
V1545	MNAr6	Time frame of production targets over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], what best describes the time frame of production targets at this establishment? Examples of production targets are: production, quality, efficiency, waste, on-time delivery.
V1546	MNAr7	Achievement of production targets over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], how easy or difficult was it for this establishment to achieve its production targets?
V1547	MNAr8	Awareness of production targets over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], who was aware of the production targets at this establishment?
V1548	MNAr11	Basis for managers' performance bonuses over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], what were managers' performance bonuses usually based on?
V1549	MNAr13	Primary way of promoting non-managers over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], what was the primary way non-managers were promoted at this establishment?
V1550	MNAr15	Reassignment/dismissal of under-performing non-manager over last fiscal yr	discrete	numeric	Over the last complete fiscal year [insert year], when was an under-performing non-manager reassigned or dismissed?
V1551	A15a4	Number of respondents if more than 1	discrete	numeric	Information about the respondent for the innovation module
V1552	a24	Innovation module respondent same as main questionnaire respondent?	discrete	numeric	Same respondent as for the main interview?
V1553	a15a2d	Years with the firm (fourth respondent)	discrete	numeric	Information about the respondent for the innovation module

ID	Name	Label	Type	Format	Question
V1554	MNAa15a4d	Years in the position (fourth respondent)	discrete	numeric	Information about the respondent for the innovation module
V1555	a15a3d	Gender (fourth respondent)	discrete	numeric	Information about the respondent for the innovation module
V1556	wstrict	Weight according to strict eligibility	contin	numeric	
V1557	wmedian	Weight according to median eligibility	contin	numeric	
V1558	wweak	Weight according to weak eligibility	contin	numeric	
V1559	strata	group(region size sector)	contin	numeric	

WEB STD FIRMID (idstd)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 6
Decimals: 0
Range: 546269-546841

Valid cases: 573
Invalid: 0
Minimum: 546269
Maximum: 546841

ID (phoneid)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 10
Decimals: 0
Range: 5200000250-5210000241

Valid cases: 573
Invalid: 0
Minimum: 5200000250
Maximum: 5210000241

interview number (id)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: 5510-17047

Valid cases: 573
Invalid: 0
Minimum: 5510
Maximum: 17047

Questionnaire (a0)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Interviewer instructions

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

Country Code (a1)

File: jordan_2013_full_data

Overview

Country Code (a1)

File: jordan_2013_full_data

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: 38-150

Valid cases: 573
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Language Of The Interview (a1a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 6

Valid cases: 573
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Sampling Region (a2)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Interviewer instructions

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

Region Of The Establishment (a3a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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

is this city the official capital city? (a3b)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
 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: jordan_2013_full_data

Overview

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

Valid cases: 573
 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: jordan_2013_full_data

Overview

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

Valid cases: 573
 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: jordan_2013_full_data

Overview

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

Valid cases: 573
 Invalid: 0

Pre question

Industry Sampling Sector (a4a)

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 0-6064

Valid cases: 573
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Interviewer instructions

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

Sector Match Between Screener Information And Sample Frame (a5)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

Sector match between screener information and sample frame

Sampling Size (a6a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Interviewer instructions

Size of the establishment taken from the sample frame

Screeners Size (a6b)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Number Of Establishments In The Firm (a7a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-21

Valid cases: 133
Invalid: 440

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

Number of establishments that form the firm

Establishment part of a larger firm? (a7a1)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Organization headquarter or subsidiary (a7b)

File: jordan_2013_full_data

Organization headquarter or subsidiary (a7b)

File: jordan_2013_full_data

Overview

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

Valid cases: 133
Invalid: 440

Type Of Establishment (a8)

File: jordan_2013_full_data

Overview

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

Valid cases: 133
Invalid: 440

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

Type of establishment

Interviewer instructions

Identifies type of establishment for those that are part of larger firms

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

File: jordan_2013_full_data

Overview

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

Valid cases: 28
Invalid: 545

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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 15
Invalid: 558

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: jordan_2013_full_data

Overview

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

Valid cases: 105
Invalid: 468

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-21

Valid cases: 112
Invalid: 461

Interviewer Number (a12)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 8

Valid cases: 573
Invalid: 0

Interviewer Number (a12)

File: jordan_2013_full_data

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

Interviewer code

Interviewer instructions

Information taken from the screener questionnaire

Day (a14d)

File: jordan_2013_full_data

Overview

Type: Continuous

Format: numeric

Width: 2

Decimals: 0

Range: 1-31

Valid cases: 573

Invalid: 0

Minimum: 1

Maximum: 31

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

Date face-to-face interview begins:

Day (dd)

Month (a14m)

File: jordan_2013_full_data

Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 1-12

Valid cases: 573

Invalid: 0

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

Date face-to-face interview begins:

Month (mm)

Year (a14y)

File: jordan_2013_full_data

Overview

Type: Discrete

Format: numeric

Width: 4

Decimals: 0

Range: 2013-2014

Valid cases: 573

Invalid: 0

Literal question

Date face-to-face interview begins:

Year (yyyy)

Hour (a14h)

File: jordan_2013_full_data

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-23

Valid cases: 573
Invalid: 0
Minimum: 0
Maximum: 23

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

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

Minutes (a14min)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0
Minimum: 0
Maximum: 59

Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

Literal question

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

Legal Status of the Firm (b1)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_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: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 80

Valid cases: 5
Invalid: 0

Literal question

What is this firm's current legal status?
Other

Interviewer instructions

Other (Specify) (b1x)

File: jordan_2013_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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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%

Is the Principal owner a female? (MNAb4a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
 Invalid: 0

Literal question

Is the principal owner, or one of the principal owners, a female? (The principal owner is the person or persons with the largest ownership share)

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

File: jordan_2013_full_data

Overview

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

Valid cases: 492
 Invalid: 81

Literal question

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

% of the firm owned by females (b4a)

File: jordan_2013_full_data

Overview

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

Valid cases: 95
 Invalid: 478

Literal question

What percentage of the firm is owned by females?

How was the firm established? (MNAq5)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
 Invalid: 0

Literal question

How was this firm established?

How was the firm established (Other) (MNAq5x)

File: jordan_2013_full_data

How was the firm established (Other) (MNAq5x)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 52

Valid cases: 3
Invalid: 0

Literal question

How was this firm established?

Year Establishment Began Operations (b5)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-2012

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-2012

Valid cases: 573
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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -9-61

Valid cases: 573
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: jordan_2013_full_data

Is The Top Manager Female? (b7a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Is the Top Manager female?

Highest level of Top Manager education (MNAb7b)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

What is the highest level of education completed by the Top Manager?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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.

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

File: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 573
Invalid: 0

Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING. Now, we turn to the establishment's operations in fiscal year [insert last complete fiscal year].

Literal question

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

Post question

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

Interviewer instructions

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: jordan_2013_full_data

Overview

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

Valid cases: 37
Invalid: 536

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: jordan_2013_full_data

Overview

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

Valid cases: 37
Invalid: 536

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 95
Invalid: 478

Literal question

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

Interviewer instructions

If power outages are seasonal the interviewer should ask the respondent to calculate the number of outages in a typical month, excluding both the months in which outages are most frequent and the months where outages are most infrequent. The concept of a typical month must be well understood since it is used several times throughout the questionnaire: it is the most common type of month in the year regarding the characteristic being asked. Thus, for answers such as "electrical outages once every 3 months" in a typical month there are 0 outages (since there will be outages only in 4 months of the year and in the rest 8 months there will be no outages). For the answer "once every other month" write 1 since there will be 6 months with outages and 6 months without them.

How Long Did The Average Power Outage Last? (c8)

File: jordan_2013_full_data

Overview

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

Valid cases: 80
Invalid: 493

Literal question

How long did these power outages last on average?

Interviewer instructions

This refers to the duration of the power outages in a typical month. The respondent should calculate average duration of power outages in the typical month.

In last FY, losses as % of annual sales due to power outages (c9a)

File: jordan_2013_full_data

Overview

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

Valid cases: 75
Invalid: 498

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: -9-75000

Valid cases: 20
Invalid: 553

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 100
Invalid: 473

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 20
Invalid: 553

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: jordan_2013_full_data

Overview

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

Valid cases: 20
Invalid: 553

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: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

Literal question

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

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: jordan_2013_full_data

Overview

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

Valid cases: 68
Invalid: 505

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?

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-144

Valid cases: 62
Invalid: 511

Literal question

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

Interviewer instructions

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

% Of Water Supply (Used In Production) From Public Sources In Last Fiscal Year (c18)

File: jordan_2013_full_data

Overview

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

Valid cases: 309
Invalid: 264

Literal question

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

Water from public sources

% of water supply from own or shared well (MNAc18a)

File: jordan_2013_full_data

Overview

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

Valid cases: 309
Invalid: 264

Literal question

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

Your own well or shared well

% of water supply purchased from private vendors (MNAc18b)

File: jordan_2013_full_data

Overview

% of water supply purchased from private vendors (MNAc18b)

File: jordan_2013_full_data

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

Valid cases: 309
Invalid: 264

Literal question

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

% of water supply from other (MNAc18c)

File: jordan_2013_full_data

Overview

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

Valid cases: 309
Invalid: 264

Literal question

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

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Establishment has its own website (c22b)

File: jordan_2013_full_data

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.

Cell phones used in operations of the establishment (c28)

File: jordan_2013_full_data

Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -9-2

Valid cases: 573

Invalid: 0

Literal question

Does this establishment currently use cell phones for the operations of the establishment?

Post question

If answer is No or Do Not Know then GO TO QUESTION C.30

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

File: jordan_2013_full_data

Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -9-4

Valid cases: 573

Invalid: 0

Pre question

SHOW CARD

Literal question

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

Interviewer instructions

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

2) Sensitive question, no clarification can be offered.

Change in total costs if electricity no longer an obstacle (MNAc31a1)

File: jordan_2013_full_data

Overview

Change in total costs if electricity no longer an obstacle (MNAc31a1)

File: jordan_2013_full_data

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

Valid cases: 234
Invalid: 339

Literal question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if electricity is no longer an obstacle?

Expected % decrease in total costs - electricity no obstacle (MNAc31a3)

File: jordan_2013_full_data

Overview

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

Valid cases: 125
Invalid: 448

Pre question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if electricity is no longer an obstacle?

Literal question

By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 142

Valid cases: 573

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: jordan_2013_full_data

Overview

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1511-7493

Valid cases: 573
Invalid: 0
Minimum: 1511
Maximum: 7493

Pre question

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

Literal question

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

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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

What percentage of total sales does the main product represent?

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-825000000

Valid cases: 573
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.

What Were the Establishment Sales 3 years ago (FY 2009) (n3)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-560000000

Valid cases: 573
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.

% of sales: National sales (d3a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

% of sales: National sales (d3a)

File: jordan_2013_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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

% of sales: Direct exports (d3c)

File: jordan_2013_full_data

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

Valid cases: 573
Invalid: 0

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

In last FY, avg. num. of days for exported goods to clear customs? (d4)

File: jordan_2013_full_data

Overview

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

Valid cases: 172
Invalid: 401

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

File: jordan_2013_full_data

Overview

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

Valid cases: 172
Invalid: 401

Literal question

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 172
Invalid: 401

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-2012

Valid cases: 235
Invalid: 338

Literal question

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

Interviewer instructions

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

Main country of destination for this establishment's exports (MNAd7x)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 43

Valid cases: 237
Invalid: 0

Literal question

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

In last FY, % of value of products lost in transit due to theft (d10)

File: jordan_2013_full_data

Overview

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

Valid cases: 534
Invalid: 39

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: jordan_2013_full_data

Overview

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

Valid cases: 534
Invalid: 39

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: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

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: jordan_2013_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: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

Literal question

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

Material inputs or supplies of foreign origin

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

File: jordan_2013_full_data

Overview

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

Valid cases: 266
Invalid: 307

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: jordan_2013_full_data

Overview

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

Valid cases: 218
Invalid: 355

Literal question

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

Interviewer instructions

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

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

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

Longest number of days to clear customs in last fiscal yr (direct import) (MNAd14b)

File: jordan_2013_full_data

Overview

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

Valid cases: 218
Invalid: 355

Literal question

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

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

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

Literal question

At the present time, when this establishment receives delivery of its most important input, on average, how many days of inventory, measured in days of production, does this establishment keep?

Post question

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 77
Invalid: 496

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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

SHOW CARD

Literal question

How Much Of An Obstacle: Transport? (d30a)

File: jordan_2013_full_data

Using the response options on the card; To what degree is Transport an 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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

SHOW CARD

Literal question

Using the response options on the card; To what degree is Customs and Trade Regulation an 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

Change in total costs if customs and trade regulations are no longer an obstacle (MNAd31b1)

File: jordan_2013_full_data

Overview

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

Valid cases: 284
Invalid: 289

Literal question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if customs and trade regulations are no longer an obstacle?

Expected % decrease in total costs - customs and trade regulations no obstacle (MNAd31b3)

File: jordan_2013_full_data

Overview

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

Valid cases: 168
Invalid: 405

Expected % decrease in total costs - customs and trade regulations no obstacle (MNAd31b3)

File: jordan_2013_full_data

Pre question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if customs and trade regulations are no longer an obstacle?

Literal question

By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

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, 4 or Don't Know then GO TO QUESTION E.6

Interviewer instructions

1) The purpose of this question is to get the establishment to define what it considers to be its main market.

The main product is defined by the output that generates the highest proportion of sales. The establishment's main market is defined by the market that generates the most sales for the main product as defined above.

It could be the case that an establishment's main product is sold in smaller proportions in a greater number of markets and that the main product is never the greatest total annual share of revenue in any one market. For example, 51 percent of revenue comes from selling nails, but that is distributed equally in the local, national, and international markets, 33 percent in each. Bolts make up 49 percent of total annual revenues. However, half of the revenue for bolts comes from selling in the international market and half in the local market.

It is clear that bolts sell more in its respective market with respect to nails, but does not generate as much revenue as nails do for the establishment. In such a case, nails should be used as the main product. Whenever local, national and international markets have equal shares choose the national market and do not follow the skip pattern.

2) SHOW CARD

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

File: jordan_2013_full_data

Overview

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

Valid cases: 465
Invalid: 108

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?

Pressure from domestic competitors (MNAe3a)

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

Pre question

SHOW CARD

Literal question

How important are each of the following influences on this establishment to reduce the production costs of existing products and/or to develop new products on a scale of 1 to 4, 1 being "Not at all important" and 4 being "Very important".

Pressure from foreign competitors (MNAe3b)

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

Literal question

How important are each of the following influences on this establishment to reduce the production costs of existing products and/or to develop new products on a scale of 1 to 4, 1 being "Not at all important" and 4 being "Very important".
Pressure from foreign competitors

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 573
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

National, regional, local government or EU subsidies over last 3 yrs? (MNAq53)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Over the last three years has this establishment received any subsidies from the national, regional or local governments or European Union sources?

How Much Of An Obstacle: Practices of competitors in informal sector? (e30)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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

Biggest obstacle faced by establishment from competitors (MNAe20)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

By looking at card [insert card number] can you tell me which of the practices of your competitors included in the list, if any, currently represents the biggest obstacle faced by this establishment

New or signif. improved product introduced in last three years? (h1)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

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

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

Interviewer instructions

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY
- THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.
INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

New or signif. improved product also new to the establishment's main market? (h2)

File: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

Literal question

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

Interviewer instructions

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY
- THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.
INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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?

Interviewer instructions

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY - THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.
INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

New method for input, products, or service introduced over last 3 yrs (h4a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY - THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.
INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

New supporting activities for process introduced over last 3 yrs (h4b)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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

New supporting activities for process introduced over last 3 yrs (h4b)

File: jordan_2013_full_data

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY - THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.

INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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?

Interviewer instructions

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY - THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.

INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

SHOW CARD

Literal question

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

Interviewer instructions

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY - THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.

INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

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

File: jordan_2013_full_data

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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?

Interviewer instructions

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY - THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.
INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

During the last 3 years, did establ. give employees time to develop new idea? (h8)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

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

Interviewer instructions

INTERVIEWER: SHOW CARDS IN THIS SECTION CONTAIN EXAMPLES OF INNOVATIONS. THEY ARE MEANT AS EXAMPLES ONLY - THEY DO NOT CONTAIN ALL POSSIBLE INNOVATIONS.
INTERVIEWER: PLEASE WRITE THE RESPONSES BELOW AS WELL AS COPY THEM TO THE DECISION MATRIX.

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

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

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

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

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.

Plans to increase size of the establishment (MNAf3)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Are you planning to increase the production capacity and/or volume of sales of this establishment over the next year?

Satisfied with current size of establishment? (MNAf4)

File: jordan_2013_full_data

Overview

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

Valid cases: 143
Invalid: 430

Literal question

Satisfied with current size of establishment? (MNAf4)

File: jordan_2013_full_data

Are you satisfied with the current production capacity and/or volume of sales of this establishment?

Satisfied because no more growth potential (MNAf5a)

File: jordan_2013_full_data

Overview

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

Valid cases: 40
Invalid: 533

Pre question

INTERVIEWER: READ OUT

Literal question

What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?

Satisfied so to avoid increased regulatory burden (MNAf5b)

File: jordan_2013_full_data

Overview

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

Valid cases: 40
Invalid: 533

Pre question

INTERVIEWER: READ OUT

Literal question

What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?

Satisfied so to avoid shareholder dispersion (MNAf5c)

File: jordan_2013_full_data

Overview

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

Valid cases: 40
Invalid: 533

Pre question

INTERVIEWER: READ OUT

Literal question

What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?

Content with current workload (MNAf5d)

File: jordan_2013_full_data

Overview

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

Valid cases: 40
Invalid: 533

Pre question

INTERVIEWER: READ OUT

Literal question

What are the reasons for you being satisfied with the current production capacity and/or volume of sales of this establishment?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

SHOW CARD

Literal question

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

Interviewer instructions

- 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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 36
Invalid: 537

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: jordan_2013_full_data

Overview

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

Valid cases: 36
Invalid: 537

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 6
Decimals: 0
Range: -9-250009

Valid cases: 77
Invalid: 496

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: jordan_2013_full_data

Overview

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

Valid cases: 77
Invalid: 496

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.

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

File: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

Type: Discrete
Format: character
Width: 10

Valid cases: 2
Invalid: 0

Literal question

What is the total selling area of this establishment?

Post question

SPECIFY UNITS
Other

Interviewer instructions

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

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 40
Invalid: 533

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 6
Decimals: 0
Range: -9-675000

Valid cases: 94
Invalid: 479

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

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 5
Invalid: 568

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 5
Decimals: 0
Range: -9-45000

Valid cases: 4
Invalid: 569

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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: I would like to ask you a few questions about how you finance the operations of this establishment.

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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 private (k3b)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

Borrowed from private banks

% of Working capital Borrowed from banks state owned (k3c)

File: jordan_2013_full_data

Overview

% of Working capital Borrowed from banks state owned (k3c)

File: jordan_2013_full_data

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

Valid cases: 573
Invalid: 0

Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

Borrowed from state-owned banks

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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?

Interviewer instructions

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

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

File: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

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: jordan_2013_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: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

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: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

Pre question

SHOW CARD

Literal question

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

File: jordan_2013_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: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

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-Private (k5b)

File: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

Pre question

SHOW CARD

Literal question

Last FY, % Fixed Assets Funded By: Bank Borrowing-Private (k5b)

File: jordan_2013_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 private banks

Last FY, % Fixed Assets Funded By: Bank Borrowing-State Owned (k5c)

File: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

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 state-owned banks

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

File: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 135
Invalid: 438

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: jordan_2013_full_data

Overview

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

Valid cases: 135
Invalid: 438

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)

Leasing of fixed assets in last fiscal yr? (MNAk4a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

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

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

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

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).

Reason for not having a line of credit/loan (MNAk8c)

File: jordan_2013_full_data

Overview

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

Valid cases: 416
 Invalid: 157

Literal question

What is the reason for not having a loan or line of credit currently?

Reason why loan application turned down (MNAk8d)

File: jordan_2013_full_data

Overview

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

Valid cases: 16
 Invalid: 557

Literal question

What was the main reason given when the application was turned down?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 115
 Invalid: 458

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: jordan_2013_full_data

Overview

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

Valid cases: 115
 Invalid: 458

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?

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

File: jordan_2013_full_data

Interviewer instructions

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

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

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 7
Decimals: 0
Range: -9-5500000

Valid cases: 115
Invalid: 458

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

Currency of the most recent line of credit/loan (MNAq46f)

File: jordan_2013_full_data

Overview

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

Valid cases: 115
Invalid: 458

Literal question

In what currency is the most recent line of credit or loan denominated?

Currency of the most recent line of credit/loan (Other) (MNAq46fx)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

Literal question

In what currency is the most recent line of credit or loan denominated?

Annual nominal interest rate of the most recent line of credit/loan (MNAq46d)

File: jordan_2013_full_data

Overview

Annual nominal interest rate of the most recent line of credit/loan (MNAq46d)

File: jordan_2013_full_data

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

Valid cases: 115
Invalid: 458

Literal question

What is the annual nominal interest rate (in percent) of the most recent line of credit or loan?

Interviewer instructions

(INTERVIEWER: IF THE RESPONDENT SAYS THAT THE INTEREST RATE IS VARIABLE, PLEASE ASK THE RESPONDENT TO CALCULATE THE AVERAGE ANNUAL INTEREST RATE)

Original duration of the most recent line of credit/loan in months (MNAq46e)

File: jordan_2013_full_data

Overview

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

Valid cases: 115
Invalid: 458

Literal question

What was the original duration of the most recent line of credit or loan in months?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 115
Invalid: 458

Literal question

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

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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 101
Invalid: 472

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

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: jordan_2013_full_data

Overview

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

Valid cases: 101
Invalid: 472

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: jordan_2013_full_data

Overview

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

Valid cases: 101
Invalid: 472

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: jordan_2013_full_data

Overview

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

Valid cases: 101
Invalid: 472

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: jordan_2013_full_data

Overview

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

Valid cases: 101
Invalid: 472

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: jordan_2013_full_data

Overview

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

Valid cases: 101
Invalid: 472

Literal question

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

Outstanding balance on the most recent line of credit/loan (LCU) (MNAk15a1)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 115
Format: numeric	Invalid: 458
Width: 8	
Decimals: 0	
Range: -9-30000000	

Literal question

What is the outstanding balance on this most recent line of credit or loan?

Total number of outstanding loans/lines of credit held by this establishment (k15b)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 115
Format: numeric	Invalid: 458
Width: 2	
Decimals: 0	
Range: -9-10	

Literal question

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

Total value of outstanding loans/lines of credit held by this establishment (LCU (k15c)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 24
Format: numeric	Invalid: 549
Width: 8	
Decimals: 0	
Range: -9-31000000	

Literal question

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

Outstanding personal loans used to finance establishment's business activities? (k15d)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 573
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-2	

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 428
Invalid: 145

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

Outcome of the most recent application for line of credit/loan (k20a)

File: jordan_2013_full_data

Overview

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

Valid cases: 100
Invalid: 473

Literal question

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

Which source of funding was the most important to make up for the partial loan r (MNAk20b)

File: jordan_2013_full_data

Which source of funding was the most important to make up for the partial loan r (MNAk20b)

File: jordan_2013_full_data

Overview

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

Valid cases: 0
Invalid: 573

Literal question

Referring only to this most recent application for a line of credit or loan, which source of funding was the most important to make up for the partial loan rejection?

Why did the establishment withdraw its application (MNAk20c)

File: jordan_2013_full_data

Overview

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

Valid cases: 3
Invalid: 570

Literal question

Referring only to this most recent application for a line of credit or loan, why did this establishment withdraw its application?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

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

File: jordan_2013_full_data

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

Has the establishment been to court as plaintiff or defendant in last 3 yrs (MNAq31e)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Has this establishment been to court as a plaintiff or as a defendant in the last three years?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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

The court system is quick (MNAj1b)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

The court system is quick (MNAj1b)

File: jordan_2013_full_data

Literal question

I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

"The court system is quick."

The court system is able to enforce its decisions (MNAj1c)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

"The court system is able to enforce its decisions."

Judicial system will enforce contractual and property rights in business dispute (MNAj1a)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

"I'm confident that the court system will enforce this establishment's contractual and property rights in business disputes."

Govt officials interpretation of regulations are consistent and predictable (MNAj1d)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

I am going to read a few statements describing the court system and how it could affect business. Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.

"In general, government officials' interpretations of regulations affecting this establishment are consistent and predictable."

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

In a typical week over the last year, what percentage of total senior management's time was spent on dealing with requirements imposed by government regulations? [By senior management I mean managers, directors, and officers above direct supervisors of production/sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms]

Interviewer instructions

Percent of total senior management's time. Ask managers to estimate what percentage of their time senior managers spend dealing with government regulations, inspections, negotiations and other bureaucratic burden. This is time that would otherwise be spent on business matters. It should not include time spent negotiating procurement contracts with the government - only time dealing with red tape and bureaucracy.

Over The Last 12 Months, Was This Establishment Inspected By Tax Officials? (j3)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 381
Invalid: 192

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: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 381
Format: numeric	Invalid: 192
Width: 2	
Decimals: 0	
Range: -9-2	

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: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 573
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-2	

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: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 88
Format: numeric	Invalid: 485
Width: 2	
Decimals: 0	
Range: -9-1	

Literal question

When establishments like this one do business with the government, what percent of the contract value would be typically paid in informal payments or gifts to secure the contract?

Interviewer instructions

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 515
Invalid: 58

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: jordan_2013_full_data

Overview

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

Valid cases: 58
Invalid: 515

Literal question

It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percent of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose?

Total annual informal payment

Post question

Total Annual Informal Payment (j7b)

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 175
Invalid: 398

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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 175
Invalid: 398

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 271
Invalid: 302

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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 271
Invalid: 302

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: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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

Change in total costs if tax administration no longer an obstacle (MNAj31b1)

File: jordan_2013_full_data

Overview

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

Valid cases: 352
Invalid: 221

Literal question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if tax administration is no longer an obstacle?

Expected % decrease in total costs - tax administration no obstacle (MNAj31b3)

File: jordan_2013_full_data

Overview

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

Valid cases: 188
Invalid: 385

Pre question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if tax administration is no longer an obstacle?

Literal question

By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

SHOW CARD

Literal question

As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment.
Business licensing and permits

Interviewer instructions

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

Change in total costs if business licensing and permits no longer an obstacle (MNAj31c1)

File: jordan_2013_full_data

Overview

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

Valid cases: 282
Invalid: 291

Literal question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if business licensing and permits are no longer an obstacle?

Expected % decrease in total costs - business licensing and permits no obstacle (MNAj31c3)

File: jordan_2013_full_data

Overview

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

Valid cases: 142
Invalid: 431

Pre question

Would this establishment's total annual costs increase, remain the same or decrease over the next fiscal year if business licensing and permits are no longer an obstacle?

Literal question

By what percentage would this establishment's total annual costs DECREASE in the next fiscal year?

How Much Of An Obstacle: Political Instability (j30e)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

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

Valid cases: 573
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

Change in total costs if corruption no longer an obstacle (MNAj31f1)

File: jordan_2013_full_data

Overview

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

Valid cases: 318
Invalid: 255

Literal question

Would your total annual costs increase, remain the same or decrease over the next fiscal year if corruption is no longer an obstacle?

Expected % decrease in total costs - corruption no obstacle (MNAj31f3)

File: jordan_2013_full_data

Overview

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

Valid cases: 99
Invalid: 474

Pre question

Would your total annual costs increase, remain the same or decrease over the next fiscal year if corruption is no longer an obstacle?

Literal question

By what percentage would your total annual costs DECREASE in the next fiscal year?

How Much Of An Obstacle: Courts (h30)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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

Regulatory Policy Uncertainty (MNAj30g)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Using the response options on the card; To what degree is Regulatory Policy Uncertainty an obstacle to the current operations of this establishment?

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

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-8500

Valid cases: 573
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

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

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

Post question

INTERVIEWER: include interviewee if applicable

Interviewer instructions

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

Num. Full-time Employees At End Of Last Fiscal Yr: production workers (l3a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-8000

Valid cases: 380
Invalid: 193

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

Num. Full-time Employees At End Of Last Fiscal Yr: production workers (l3a)

File: jordan_2013_full_data

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.

Number of production workers under 30 yrs old (MNA13a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-7000

Valid cases: 361
Invalid: 212

Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were production workers younger than 30 years old:

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

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

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

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

File: jordan_2013_full_data

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.

Number of non-production workers under 30 yrs old (MNA13b)

File: jordan_2013_full_data

Overview

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

Valid cases: 341
Invalid: 232

Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were non-production workers younger than 30 years old:

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

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-8000

Valid cases: 361
Invalid: 212

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 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: jordan_2013_full_data

Overview

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

Valid cases: 361
Invalid: 212

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.

Number of skilled workers under 30 yrs old (MNA14a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-7000

Valid cases: 296
Invalid: 277

Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were skilled production workers younger than 30 years old

Number of unskilled workers under 30 yrs old (MNA14b)

File: jordan_2013_full_data

Overview

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

Valid cases: 124
Invalid: 449

Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals in this establishment were unskilled production workers younger than 30 years old:

Did total wage cost of an average permanent full time employee change (MNA14c)

File: jordan_2013_full_data

Did total wage cost of an average permanent full time employee change (MNAI4c)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Over the course of fiscal year [insert last complete fiscal year], did the total wage cost of an average permanent full-time employee

% increase in total wage cost of an average permanent full time employee (MNAI4d)

File: jordan_2013_full_data

Overview

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

Valid cases: 390
Invalid: 183

Literal question

Over the course of fiscal year [insert last complete fiscal year], in percentage terms, how much did the total wage cost of an average permanent full-time employee increase?

% decrease in total wage cost of an average permanent full time employee (MNAI4e)

File: jordan_2013_full_data

Overview

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

Valid cases: 2
Invalid: 571

Literal question

Over the course of fiscal year [insert last complete fiscal year], in percentage terms, how much did the total wage cost of an average permanent full-time employee decrease?

Main reason for total wage cost change (MNAI4f)

File: jordan_2013_full_data

Overview

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

Valid cases: 392
Invalid: 181

Pre question

Main reason for total wage cost change (MNA14f)

File: jordan_2013_full_data

SHOW CARD

Literal question

The main reason for this change was:

Main reason for total wage cost change (other) (MNA14fx)

File: jordan_2013_full_data

Overview

Type: Discrete
 Format: character
 Width: 52

Valid cases: 40
 Invalid: 0

Literal question

The main reason for this change was:

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

File: jordan_2013_full_data

Overview

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

Valid cases: 380
 Invalid: 193

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

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

File: jordan_2013_full_data

Overview

Type: Discrete
 Format: numeric
 Width: 3
 Decimals: 0
 Range: -9-125

Valid cases: 380
 Invalid: 193

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

Female permanent full-time professionals number (MNA15c)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-4000

Valid cases: 573
Invalid: 0

Literal question

At the end of fiscal year [insert last complete fiscal year], how many female, permanent, full-time professionals worked in this establishment? (Professional employees are those whose daily responsibilities include work of an intellectual nature and/or managerial responsibilities)

Num. Full-time Employees At End Of Last Fiscal Yr: female (15)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-345

Valid cases: 193
Invalid: 380

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?

Num. Full-Time Temporary Employees At End Of Last Fiscal Yr (16)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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.

Female temporary, full-time workers employed throughout last fiscal yr (16a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -9-85

Valid cases: 77
Invalid: 496

Literal question

Female temporary, full-time workers employed throughout last fiscal yr (l6a)

File: jordan_2013_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: jordan_2013_full_data

Overview

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

Valid cases: 77
Invalid: 496

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: jordan_2013_full_data

Overview

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

Valid cases: 361
Invalid: 212

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 yrs of education of typical female production worker (l9a2)

File: jordan_2013_full_data

Overview

Average number of yrs of education of typical female production worker (l9a2)

File: jordan_2013_full_data

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -9-18

Valid cases: 361
Invalid: 212

Literal question

What is the average number of years of education of a typical permanent full-time production worker employed in this establishment?

Average number of years of education of typical female production worker

Interviewer instructions

INTERVIEWER: READ EACH CATEGORY

Number of permanent employees with University degree or higher (MNA19a1)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

At the end of fiscal year [insert last complete fiscal year], how many full-time permanent employees in this establishment had the following as their highest education level?

Number of permanent employees with completed secondary (incl. vocational) (MNA19a2)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: -9-6600

Valid cases: 573
Invalid: 0

Literal question

At the end of fiscal year [insert last complete fiscal year], how many full-time permanent employees in this establishment had the following as their highest education level?

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

File: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 573
Invalid: 0

Literal question

Over fiscal year [insert last complete fiscal year], did this establishment have formal training programs for its permanent, full-time employees?

Interviewer instructions

Formal training has a structured and defined curriculum. Formal training may include classroom work, seminars, lectures, workshops, and audio-visual presentations and demonstrations. This does not include training to familiarize employees with equipment and machinery on the shop floor, training aimed at familiarizing employees with the establishment's standard operation procedures, or employee orientation at the beginning of an employee's tenure. In-house training may be conducted by other non-supervisory employees of the establishment, the establishment's supervisors or managers, or the establishments training centers.

Permanent Full-time Production Employees Received Formal Training In Last FY (l11a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-190

Valid cases: 20
Invalid: 553

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 Full-time Production Employees Received Formal Training In Last FY (l11b)

File: jordan_2013_full_data

Overview

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

Valid cases: 4
Invalid: 569

Literal question

And how many or what percentage of Non-production full-time permanent employees received formal training?

Interviewer instructions

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

Full-time Non-Production Employees Received Formal Training In Last FY (l11c)

File: jordan_2013_full_data

Overview

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

Valid cases: 22
Invalid: 551

Literal question

And how many or what percentage of Non-production full-time permanent employees received formal training?
Non-production full-time permanent employees trained

% Full-time Non-Production Employees Received Formal Training In Last FY (l11d)

File: jordan_2013_full_data

Overview

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

Valid cases: 2
Invalid: 571

Literal question

And how many or what percentage of Non-production full-time permanent employees received formal training?
Non-production full-time permanent employees trained

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Pre question

SHOW CARD

Literal question

Using the response options on the card; To what degree are Labor Regulations an 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: jordan_2013_full_data

Overview

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

File: jordan_2013_full_data

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

Valid cases: 573
Invalid: 0

Pre question

SHOW CARD

Literal question

Using the response options on the card; To what degree is an Inadequately Educated Workforce an 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: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

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

INTERVIEWER: DO NOT READ OUT

Rotation Order (m1d)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment.

Rotation

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

File: jordan_2013_full_data

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

File: jordan_2013_full_data

Overview

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

Valid cases: 573
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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: -9-60000000

Valid cases: 380
Invalid: 193

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

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: -9-32650000

Valid cases: 380
Invalid: 193

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: jordan_2013_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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 7
Decimals: 0
Range: -9-9102408

Valid cases: 573
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 rental cost of machinery, vehicles and equipment (n2ra)

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

Literal question

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

Total rental cost of machinery, vehicles and equipment

Total rental cost of land and buildings (n2rb)

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

Literal question

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

Total rental cost of land and buildings

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

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-475000000

Valid cases: 77
Invalid: 496

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

File: jordan_2013_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

Other Cost Of Production (n2j)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: -9-23000000

Valid cases: 380
Invalid: 193

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:

Other cost of production not included above

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

File: jordan_2013_full_data

Overview

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

Valid cases: 380
Invalid: 193

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

File: jordan_2013_full_data

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: -9-24000000

Valid cases: 380
Invalid: 193

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: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-185000000

Valid cases: 380
Invalid: 193

Literal question

Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost?

Machinery, vehicles, and equipment

Interviewer instructions

This question is designed to ascertain the market value of the establishment's assets. Data on equipment is the most important. You can ask the manager to estimate the market value if all of the equipment, land and buildings were sold on the open market. If the respondent states that there is no market, ask how much the respondent would be willing to pay for the capital, knowing what it can produce in its current condition. Estimate how much it would cost to buy machinery in the current market which is similar in terms of age and characteristics. This estimate is to give an indication of the capital intensity of the firm. Keep in mind that it is one of the most important questions on the questionnaire.

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

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 8
Decimals: 0
Range: -9-48200000

Valid cases: 380
Invalid: 193

Literal question

Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition and regardless of whether the establishment owns them or not, how much would they cost, independently of whether they are owned, rented or leased?

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.

value of total assets (MNAn8a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 9
Decimals: 0
Range: -9-8500000000

Valid cases: 573
Invalid: 0

Literal question

What was the value of the following at the end of the fiscal year [insert last complete fiscal year]:

Value of your total assets

Is the top mannger of the establishment also the owner (MNAa20)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

Is the top manager of this establishment also the owner of this establishment?

Interviewer instructions

INTERVIEWER: IF THE ANSWER IS MADE AVAILABLE IN THE INTERVIEW, CODE WITHOUTASKING QUESTION

Main Respondent Years Working In The Firm: (a15a2a)

File: jordan_2013_full_data

Main Respondent Years Working In The Firm: (a15a2a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-50

Valid cases: 375
Invalid: 198

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Main respondent's yrs in the position (MNAa15a4a)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: 1-50

Valid cases: 375
Invalid: 198

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Main Respondent Gender (a15a3a)

File: jordan_2013_full_data

Overview

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

Valid cases: 375
Invalid: 198

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Second Respondent Years Working In The Firm: (a15a2b)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -7-21

Valid cases: 23
Invalid: 550

Pre question

Second Respondent Years Working In The Firm: (a15a2b)

File: jordan_2013_full_data

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Second respondent's yrs in the position (MNAa15a4b)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -7-21

Valid cases: 23
Invalid: 550

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Second Respondent Gender (a15a3b)

File: jordan_2013_full_data

Overview

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

Valid cases: 23
Invalid: 550

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Third Respondent Years Working In The Firm: (a15a2c)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -7-40

Valid cases: 2
Invalid: 571

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Third respondent's yrs in the position (MNAa15a4c)

File: jordan_2013_full_data

Overview

Type: Discrete
 Format: numeric
 Width: 2
 Decimals: 0
 Range: -7-40

Valid cases: 2
 Invalid: 571

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Third Respondent Gender (a15a3c)

File: jordan_2013_full_data

Overview

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

Valid cases: 2
 Invalid: 571

Pre question

Please complete the following information about the interviewee(s)

Literal question

Information about the respondent for the innovation module

Day (a15d)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
 Invalid: 0
 Minimum: 1
 Maximum: 31

Literal question

Time face-to-face interview ends

Month (a15m)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
 Invalid: 0

Literal question

Time face-to-face interview ends

Year (a15y)

File: jordan_2013_full_data

Overview

Type: Discrete
 Format: numeric
 Width: 4
 Decimals: 0
 Range: 2013-2014

Valid cases: 573
 Invalid: 0

Literal question

Time face-to-face interview ends

Hour (a15h)

File: jordan_2013_full_data

Overview

Type: Continuous
 Format: numeric
 Width: 2
 Decimals: 0
 Range: 0-23

Valid cases: 573
 Invalid: 0
 Minimum: 0
 Maximum: 23

Literal question

Time face-to-face interview ends

Minutes (a15min)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
 Invalid: 0
 Minimum: 0
 Maximum: 59

Literal question

Time face-to-face interview ends

Perception Of The Questions Regarding Opinions And Perceptions (a16)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
 Invalid: 0

Pre question

INTERVIEWERS PLEASE ANSWER AT END OF THE INTERVIEW

Literal question

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

Responses To The Questions About Figures Are... (a17)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Literal question

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

Time innovation module starts: Year (a14iy)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 4
Decimals: 0
Range: 2013-2014

Valid cases: 337
Invalid: 236

Time innovation module starts: Month (a14im)

File: jordan_2013_full_data

Overview

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

Valid cases: 337
Invalid: 236

Eligible for innovation module (eligible_for_innovation)

File: jordan_2013_full_data

Overview

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

Valid cases: 573
Invalid: 0

Proceed refuse innovation (proceed_refuse_innovation)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 1
Decimals: 0
Range: 3-4

Valid cases: 338
Invalid: 235

Mode of questionnaire implementation (a23)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -8-4

Valid cases: 332
Invalid: 241

Mode of questionnaire implementation (Other) (a23x)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

Time innovation module starts: Day (a14id)

File: jordan_2013_full_data

Overview

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

Valid cases: 337
Invalid: 236
Minimum: 1
Maximum: 31

Time innovation module starts: Hour (a14ih)

File: jordan_2013_full_data

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 0-23

Valid cases: 337
Invalid: 236
Minimum: 0
Maximum: 23

Time innovation module starts: Minutes (a14imin)

File: jordan_2013_full_data

Overview

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

Valid cases: 337
Invalid: 236
Minimum: 0
Maximum: 59

Time innovation module ends: Year (a15iy)

File: jordan_2013_full_data

Time innovation module ends: Year (a15iy)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 332
Format: numeric	Invalid: 241
Width: 4	
Decimals: 0	
Range: 2013-2014	

Literal question

Time innovation module interview ends:

Time innovation module ends: Month (a15im)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 332
Format: numeric	Invalid: 241
Width: 2	
Decimals: 0	
Range: 1-12	

Literal question

Time innovation module interview ends:

Time innovation module ends: Day (a15id)

File: jordan_2013_full_data

Overview

Type: Continuous	Valid cases: 332
Format: numeric	Invalid: 241
Width: 2	Minimum: 1
Decimals: 0	Maximum: 31
Range: 1-31	

Literal question

Time innovation module interview ends:

Time innovation module ends: Hour (a15ih)

File: jordan_2013_full_data

Overview

Type: Continuous	Valid cases: 332
Format: numeric	Invalid: 241
Width: 2	Minimum: 0
Decimals: 0	Maximum: 23
Range: 0-23	

Literal question

Time innovation module interview ends:

Time innovation module ends: Minutes (a15imin)

File: jordan_2013_full_data

Time innovation module ends: Minutes (a15imin)

File: jordan_2013_full_data

Overview

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

Valid cases: 332
Invalid: 241
Minimum: 0
Maximum: 59

Literal question

Time innovation module interview ends:

How many permanent, full-time individuals in this establishment were younger than 14 (MNA14)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 3
Decimals: 0
Range: -9-775

Valid cases: 193
Invalid: 380

No. of new/significantly improved products/services introduced over last 3 yrs (MNAo1a)

File: jordan_2013_full_data

Overview

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

Valid cases: 132
Invalid: 441

Pre question

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

In our first interview, it was reported that this establishment had introduced a new or significantly improved product in the past three years. I would now like to ask some more questions related to that.

Literal question

During the last three years, how many new or significantly improved products did this establishment introduce in the market?

Main new/significantly improved product/service (MNAo1bx)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 166

Valid cases: 116

Literal question

In fiscal year [insert year], what was this establishment's main new or significantly improved product, that is, the new or significantly improved product that represented the largest proportion of annual sales (among all new or significantly improved products)?

Main new /significantly improved product/service new to local market (MNAo2a)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

At the time of its introduction, was this establishment's main new or significantly improved product new to...?

Interviewer instructions

INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE) (INTERVIEWER: A product was new to the local market/[INSERT COUNTRY]/international market if the establishment was the only producer of such a product in the local market/[INSERT COUNTRY]/international market at the time of the introduction of the product.)

Main new /significantly improved product/service new to national market (MNAo2b)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

At the time of its introduction, was this establishment's main new or significantly improved product new to...?

Interviewer instructions

INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE) (INTERVIEWER: A product was new to the local market/[INSERT COUNTRY]/international market if the establishment was the only producer of such a product in the local market/[INSERT COUNTRY]/international market at the time of the introduction of the product.)

Main new /significantly improved product/service new to international market (MNAo2c)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

At the time of its introduction, was this establishment's main new or significantly improved product new to...?

Interviewer instructions

INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE) (INTERVIEWER: A product was new to the local market/[INSERT COUNTRY]/international market if the establishment was the only producer of such a product in the local market/[INSERT COUNTRY]/international market at the time of the introduction of the product.)

New product/service: Added new functions to existing product/service (MNAo3a)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?

New product has added new functions to an existing product

New product/service: Completed new function compared to the existing produce (MNAo3i)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?

New product has completely new functions compared to the existing product

New product: Uses new materials/components that enhance its performance (MNAo3b)

File: jordan_2013_full_data

Overview

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

Valid cases: 88
Invalid: 485

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?

New product uses new materials or components that enhance its performance compared to the existing product

New product: Uses new technology (MNAo3c)

File: jordan_2013_full_data

Overview

New product: Uses new technology (MNAo3c)

File: jordan_2013_full_data

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

Valid cases: 88
Invalid: 485

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?
New product uses new technology

New product: Looks different from the existing product (MNAo3d)

File: jordan_2013_full_data

Overview

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

Valid cases: 88
Invalid: 485

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?
New product looks different from the existing product

New product/service: Cheaper to produce or offer (MNAo3h)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?
New product is cheaper to produce compared to the existing product

New product/service: Completely new to the establishment (MNAo3e)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

New product/service: Completely new to the establishment (MNAo3e)

File: jordan_2013_full_data

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?

New product is completely new to the establishment

New product/service: Other (MNAo3f)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?

Other

New product/service: Other specified (MNAo3fx)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 100

Valid cases: 11
Invalid: 0

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?

Other (specify)

New product/service: More efficient/easier to use (mnao3g)

File: jordan_2013_full_data

Overview

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

Valid cases: 26
Invalid: 547

Literal question

Please compare this main new or significantly improved product with the closest product already produced in this establishment. In what aspects are these two products different from each other?

% annual sales accounted for by new or significantly improved products/services (MNAo4)

File: jordan_2013_full_data

% annual sales accounted for by new or significantly improved products/services (MNAo4)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

In fiscal year [insert year], what percentage of this establishment's total annual sales was accounted for by products that were introduced or significantly improved over the last three years?

Way in which main new/significantly improved product/service introduced (MNAo5)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Which of the following best describes the way in which the main new or significantly improved product was introduced or developed?

Way in which main new/significantly improved product/service introduced (Other) (MNAo5x)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

Literal question

Which of the following best describes the way in which the main new or significantly improved product was introduced or developed? Other (specify)

Reason to introduce - replace an old product (MNAhb13a)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Reason to introduce - replace an old product (MNAhb13a)

File: jordan_2013_full_data

Does any of the following describe why this establishment introduced this main new or significantly improved product:
To replace an old product sold by this establishment

Interviewer instructions

READ EACH OPTION ALOUD

Reason to introduce - extend the range of products (MNAhb13d)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Does any of the following describe why this establishment introduced this main new or significantly improved product:
To extend the range of products sold by this establishment

Interviewer instructions

READ EACH OPTION ALOUD

Reason to introduce - open up new markets (MNAhb13e)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Does any of the following describe why this establishment introduced this main new or significantly improved product:
To open up new markets or increase market share

Interviewer instructions

READ EACH OPTION ALOUD

Reason to introduce - lower the cost (MNAhb13f)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
Invalid: 459

Literal question

Does any of the following describe why this establishment introduced this main new or significantly improved product:
To lower the cost of production

Interviewer instructions

READ EACH OPTION ALOUD

Reason to introduce - keep up with competition (MNAhb13g)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
 Invalid: 459

Literal question

Does any of the following describe why this establishment introduced this main new or significantly improved product:
 To keep up with competition

Interviewer instructions

READ EACH OPTION ALOUD

Reason to introduce - comply with regulation (MNAhb13h)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
 Invalid: 459

Literal question

Does any of the following describe why this establishment introduced this main new or significantly improved product:
 To comply with regulations or standards

Interviewer instructions

READ EACH OPTION ALOUD

Reason to introduce - deal with a decrease in the demand (MNAhb13i)

File: jordan_2013_full_data

Overview

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

Valid cases: 114
 Invalid: 459

Literal question

Does any of the following describe why this establishment introduced this main new or significantly improved product:
 To deal with a decrease in the demand for other products

Interviewer instructions

READ EACH OPTION ALOUD

Purchase/license inventions, patent, know-how to offer new product/service? (MNAo6)

File: jordan_2013_full_data

Overview

Purchase/license inventions, patent, know-how to offer new product/service? (MNAo6)

File: jordan_2013_full_data

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

Valid cases: 114
Invalid: 459

Literal question

Did the establishment have to purchase or license any inventions, patent or know-how in order to start producing this new or significantly improved product?

The source of the latest invention, patent or know-how licensed or purchased from (hb23)

File: jordan_2013_full_data

Overview

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

Valid cases: 13
Invalid: 560

Literal question

Was the latest invention, patent or know-how licensed or purchased from

Introduced new methods of supplying products/services over last 3 yrs (MNAo7a)

File: jordan_2013_full_data

Overview

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

Valid cases: 157
Invalid: 416

Pre question

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

In our first interview, it was reported that this establishment had introduced a new or significantly improved production or delivery methods in the past three years. I would now like to ask some more questions related to that.

Literal question

During the last three years, did this establishment introduce new or significantly improved:
Production methods

Interviewer instructions

Read out

Introduced new logistics, delivery, distribution methods over last 3 yrs (MNAo7b)

File: jordan_2013_full_data

Overview

Introduced new logistics, delivery, distribution methods over last 3 yrs (MNAo7b)

File: jordan_2013_full_data

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

Valid cases: 157
Invalid: 416

Literal question

During the last three years, did this establishment introduce new or significantly improved:
Logistics, delivery or distribution methods for this establishment's inputs and/or products

Interviewer instructions

Read out

Introduced new ancillary support services over last 3 yrs (MNAo7c)

File: jordan_2013_full_data

Overview

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

Valid cases: 157
Invalid: 416

Literal question

During the last three years, did this establishment introduce new or significantly improved:
Ancillary support services, such as purchasing, accounting, computing and maintenance

Interviewer instructions

Read out

Most important new/significantly improved method of supplying products/services (MNAo8x)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 152

Valid cases: 114

Literal question

Please give a short description of this establishment's most important new or significantly improved production or delivery method.

Interviewer instructions

(INTERVIEWER: The most important production or delivery method innovation is the production or delivery method innovation that had the largest impact on the operations of the establishment.)

New method of supplying products/services new to local market (MNAo9a)

File: jordan_2013_full_data

Overview

New method of supplying products/services new to local market (MNAo9a)

File: jordan_2013_full_data

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

Valid cases: 112
Invalid: 461

Literal question

At the time of its introduction, was this establishment's main new or significantly improved production or delivery method new to other firms operating:
In this establishment's local market

Interviewer instructions

INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE) (INTERVIEWER: A production or delivery method was new to the local market/[INSERT COUNTRY]/international market if the establishment was the only one using such production or delivery method in the local market/[INSERT COUNTRY]/international market at the time of its introduction.)

New method of supplying products/services new to national market (MNAo9b)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

At the time of its introduction, was this establishment's main new or significantly improved production or delivery method new to other firms operating:
in [country]

Interviewer instructions

INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE) (INTERVIEWER: A production or delivery method was new to the local market/[INSERT COUNTRY]/international market if the establishment was the only one using such production or delivery method in the local market/[INSERT COUNTRY]/international market at the time of its introduction.)

New method of supplying products/services new to international market (MNAo9c)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

At the time of its introduction, was this establishment's main new or significantly improved production or delivery method new to other firms operating:
In the international market

Interviewer instructions

New method of supplying products/services new to international market (MNAo9c)

File: jordan_2013_full_data

INTERVIEWER: THESE MUST BE ASKED IN THE ORDER THEY APPEAR ON THE TABLE) (INTERVIEWER: A production or delivery method was new to the local market/[INSERT COUNTRY]/international market if the establishment was the only one using such production or delivery method in the local market/[INSERT COUNTRY]/international market at the time of its introduction.)

New method of supplying products/services: change in techniques (MNAo10a)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in:
Techniques

New method of supplying products/services: change in machinery and equipment (MNAo10b)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in:
Machinery and equipment

New method of supplying products/services: change in software (MNAo10c)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

New method of supplying products/services: change in software (MNAo10c)

File: jordan_2013_full_data

Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in:
Software

New method of supplying products/services: management (MNAo10d)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

Please compare this main new or significantly improved production or delivery method with the production or delivery method previously used by this establishment. Did it require significant changes in:
Management

Is this method similar to previous ones (MNAhc8)

File: jordan_2013_full_data

Overview

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

Valid cases: 115
Invalid: 458

Literal question

Is this main new or significantly improved process similar to any process that was or is being used by this establishment?

How the main new improved process is different - automates manual process (MNAhc9a)

File: jordan_2013_full_data

Overview

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

Valid cases: 50
Invalid: 523

Literal question

Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original?
It automates manual processes, partially or fully

Interviewer instructions

READ EACH OPTION ALOUD

How the main new improved process is different - lower costs (MNAhc9b)

File: jordan_2013_full_data

Overview

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

Valid cases: 50
Invalid: 523

Literal question

Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original?
It lowers costs compared to the old process

Interviewer instructions

READ EACH OPTION ALOUD

How the main new improved process is different - complements new machinery (MNAhc9c)

File: jordan_2013_full_data

Overview

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

Valid cases: 43
Invalid: 530

Literal question

Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original?
It complements new machinery

Interviewer instructions

READ EACH OPTION ALOUD

How the main new improved process is different - faster (MNAhc9d)

File: jordan_2013_full_data

Overview

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

Valid cases: 50
Invalid: 523

Literal question

Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original?
Is it faster than the old process

Interviewer instructions

READ EACH OPTION ALOUD

How the main new improved process is different - Other (MNAhc9g)

File: jordan_2013_full_data

Overview

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

Valid cases: 50
Invalid: 523

Literal question

Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original?
Other

Interviewer instructions

READ EACH OPTION ALOUD

How the main new improved process is different -Specify (MNAhc9gx)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 100

Valid cases: 7
Invalid: 0

Literal question

Please compare this main new or significantly improved process with the process that was used for the same purpose in this establishment. In what aspects is this main new or significantly improved process different from the original?
Other (specify)

Interviewer instructions

READ EACH OPTION ALOUD

Way of intro of main new/significantly improved production/delivery method (MNAo11)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

Which of the following best describes the way in which this establishment introduced or developed the main new or significantly improved production or delivery method?

Interviewer instructions

(INTERVIEWER: ONLY ONE ANSWER)

Way of intro of main new/significantly improved production/delivery method (Oth) (MNAo11x)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 70

Valid cases: 1
Invalid: 0

Literal question

Which of the following best describes the way in which this establishment introduced or developed the main new or significantly improved production or delivery method?

Interviewer instructions

(INTERVIEWER: ONLY ONE ANSWER)

The reason to introduce - raise the quality of products (hc16b)

File: jordan_2013_full_data

Overview

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To raise the quality of products sold by this establishment

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce - raise the volume of products or service (hc16c)

File: jordan_2013_full_data

Overview

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To raise the volume of products sold or services offered

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce - extend the range of products (hc16d)

File: jordan_2013_full_data

Overview

The reason to introduce - extend the range of products (hc16d)

File: jordan_2013_full_data

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To extend the range of products sold by this establishment

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce - open up new market or increase the share (hc16e)

File: jordan_2013_full_data

Overview

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To open up new markets or increase market share

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce - lower the cost of production (hc16f)

File: jordan_2013_full_data

Overview

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To lower the cost of production

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce - keep up with competition (hc16g)

File: jordan_2013_full_data

Overview

The reason to introduce - keep up with competition (hc16g)

File: jordan_2013_full_data

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To keep up with competition

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce -comply with regulations or standards (hc16h)

File: jordan_2013_full_data

Overview

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To comply with regulations or standards

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce - raise flexibility or speed of the production (hc16j)

File: jordan_2013_full_data

Overview

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

Valid cases: 83
Invalid: 490

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To raise the flexibility or speed of production

Interviewer instructions

READ EACH OPTION ALOUD

The reason to introduce - raise the quality of products or service (MNAhc16b)

File: jordan_2013_full_data

Overview

The reason to introduce - raise the quality of products or service (MNAhc16b)

File: jordan_2013_full_data

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

Valid cases: 29
Invalid: 544

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To raise the quality of products sold by this establishment

The reason to introduce - raise the volume of products or service (MNAhc16c)

File: jordan_2013_full_data

Overview

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

Valid cases: 29
Invalid: 544

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To raise the volume of products sold or services offered

The reason to introduce - extend the range of the products or service (MNAhc16d)

File: jordan_2013_full_data

Overview

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

Valid cases: 29
Invalid: 544

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To extend the range of products sold by this establishment

The reason to introduce - open up new market or increase the share (MNAhc16e)

File: jordan_2013_full_data

Overview

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

Valid cases: 29
Invalid: 544

Literal question

The reason to introduce - open up new market or increase the share (MNAhc16e)

File: jordan_2013_full_data

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To open up new markets or increase market share

The reason to introduce - lower the cost of offering the service (MNAhc16f)

File: jordan_2013_full_data

Overview

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

Valid cases: 29
Invalid: 544

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To lower the cost of production

The reason to introduce - keeo with competition (MNAhc16g)

File: jordan_2013_full_data

Overview

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

Valid cases: 29
Invalid: 544

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To keep up with competition

The reason to introduce - comply with regulation or standards (MNAhc16h)

File: jordan_2013_full_data

Overview

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

Valid cases: 29
Invalid: 544

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To comply with regulations or standards

The reason to introduce - raise the flexibility (MNAhc16j)

File: jordan_2013_full_data

The reason to introduce - raise the flexibility (MNAhc16j)

File: jordan_2013_full_data

Overview

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

Valid cases: 29
Invalid: 544

Literal question

Does any of the following describe why this establishment introduced the main new or significantly improved process?
To raise the flexibility or speed of production

Purchase/license inventions, patent, know-how to apply new process method? (MNAo12)

File: jordan_2013_full_data

Overview

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

Valid cases: 112
Invalid: 461

Literal question

Did the establishment have to purchase or license any inventions, patent or know-how in order to apply this new production or delivery method?

Technology compared to the technology of establishment's main competitor (MNAo13)

File: jordan_2013_full_data

Overview

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

Valid cases: 83
Invalid: 490

Literal question

Thinking of this establishment's main product line and comparing this establishment's technology with that of its main competitor, which of the following best summarizes your position?

New knowledge management systems (MNAo14a)

File: jordan_2013_full_data

Overview

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

Valid cases: 55
Invalid: 518

Pre question

New knowledge management systems (MNAo14a)

File: jordan_2013_full_data

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

In our first interview, it was reported that this establishment had introduced a new or significantly improved organizational or management practices or structures in the past three years. I would now like to ask some more questions related to that.

Literal question

During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time?

New knowledge management systems to better use or exchange information, knowledge and skills within the establishment

Interviewer instructions

Read out

Introduction of management systems for general production or supply operations (MNAo14b)

File: jordan_2013_full_data

Overview

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

Valid cases: 55
Invalid: 518

Literal question

During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time?

Introduction of management systems for general production or supply operations (such as supply chain management systems, lean production, business reengineering, quality management systems)

Interviewer instructions

Read out

New methods for distributing responsibilities, decision making among employees (MNAo14c)

File: jordan_2013_full_data

Overview

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

Valid cases: 55
Invalid: 518

Literal question

During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time?

New methods for distributing responsibilities and decision making among employees

Interviewer instructions

Read out

Significant change to the management structure of the establishment (MNAo14d)

File: jordan_2013_full_data

Overview

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

Valid cases: 55
Invalid: 518

Literal question

During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time?

A significant change to the management structure of the establishment (such as creating new divisions or departments, integrating different departments or activities)

Interviewer instructions

Read out

New types of collaborations with businesses, research organisations, consumers (MNAo14e)

File: jordan_2013_full_data

Overview

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

Valid cases: 55
Invalid: 518

Literal question

During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time?

New types of collaborations with other businesses, research organizations or consumers

Interviewer instructions

Read out

Outsourcing, subcontracting of business activities for the first time (MNAo14f)

File: jordan_2013_full_data

Overview

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

Valid cases: 55
Invalid: 518

Literal question

During the last three years, did this establishment introduce new or significantly improved organizational methods in the following areas for the first time?

Outsourcing or subcontracting of business activities in production, procurement, distribution, recruiting or ancillary services

Interviewer instructions

Read out

Significant changes in the product's appearance (MNAo15a)

File: jordan_2013_full_data

Overview

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

Valid cases: 110
Invalid: 463

Pre question

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

In our first interview, it was reported that this establishment had introduced a new or significantly improved marketing methods in the past three years. I would now like to ask some more questions related to that.

Literal question

During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time?

Significant changes in the product's appearance

Interviewer instructions

Read out

Introduction of a new method of advertising or product promotion (MNAo15b)

File: jordan_2013_full_data

Overview

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

Valid cases: 110
Invalid: 463

Literal question

During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time?

Introduction of a new method of advertising or product promotion (such as use of a new media for advertising, a new brand image or logo, a new trademark)

Interviewer instructions

Read out

Introduction of a new method of product placement or sales channels (MNAo15c)

File: jordan_2013_full_data

Overview

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

Valid cases: 110
Invalid: 463

Literal question

During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time?

Introduction of a new method of product placement or sales channels (such as product licensing, franchising, direct selling, exclusive retailing, tailoring or customizing the presentation of the product to different types of customers)

Interviewer instructions

Introduction of a new method of product placement or sales channels (MNAo15c)

File: jordan_2013_full_data

Read out

New pricing strategies to market the establishment's goods or services (MNAo15d)

File: jordan_2013_full_data

Overview

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

Valid cases: 110
Invalid: 463

Literal question

During the last three years, did this establishment introduce new or significantly improved marketing methods in the following areas for the first time?

New pricing strategies to market the establishment's goods or services, excluding pricing methods used solely to differentiate prices by customer segments

Interviewer instructions

Read out

Spending on R&D within establishment over last 3 yrs? (MNAo16)

File: jordan_2013_full_data

Overview

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

Valid cases: 71
Invalid: 502

Pre question

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: I would now like to ask you questions related to spending on research and development activities.

Literal question

During the last three years did this establishment spend on research and development activities within the establishment?

Interviewer instructions

(INTERVIEWER: Research and development (R&D) is defined as creative work undertaken on a systematic basis in order to increase the stock of knowledge. For example, laboratory research for a new chemical compound or paint would be research and development while market research surveys or internet surfing would not be research and development.)

Expenditures on R&D within establishment in last fiscal yr (LCU) (MNAo17)

File: jordan_2013_full_data

Overview

Expenditures on R&D within establishment in last fiscal yr (LCU) (MNAo17)

File: jordan_2013_full_data

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

Valid cases: 34
Invalid: 539

Literal question

In fiscal year [insert year], how much did this establishment spend on research and development activities performed within this establishment? Please include personnel cost, materials and purchase of fixed assets.

Spending on R&D contracted with other companies over last 3 yrs? (MNAo18)

File: jordan_2013_full_data

Overview

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

Valid cases: 71
Invalid: 502

Literal question

During the last three years, did this establishment spend on research and development activities contracted with other companies?

Expenditures on R&D contracted with other companies in last fiscal yr (LCU) (MNAo19)

File: jordan_2013_full_data

Overview

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

Valid cases: 9
Invalid: 564

Literal question

In fiscal year [insert year], how much did this establishment spend on research and development activities contracted with other companies?

Spending on acquisition of external knowledge over last 3 yrs? (MNAo20)

File: jordan_2013_full_data

Overview

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

Valid cases: 323
Invalid: 250

Pre question

Spending on acquisition of external knowledge over last 3 yrs? (MNAo20)

File: jordan_2013_full_data

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

I would now like to ask you questions related to the acquisition of external knowledge and use of computers.

Literal question

During the last three years, did this establishment spend on the acquisition of external knowledge? This includes purchase or licensing of patents and non-patented inventions, know-how and other types of knowledge from other businesses or organizations.

Source of purchase or license of the latest invention, patent or know-how (MNAo21)

File: jordan_2013_full_data

Overview

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

Valid cases: 30
Invalid: 543

Literal question

Was the latest invention, patent or know-how licensed or purchased from:

% of workforce that regularly used PCs in their jobs at end last fiscal yr (MNAo22a)

File: jordan_2013_full_data

Overview

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

Valid cases: 323
Invalid: 250

Literal question

At the end of fiscal year [insert year], what percent of this establishment's workforce regularly used personal computers in their jobs?

% of workforce that regularly used PCs in their jobs 3 fiscal yrs ago (MNAo22b)

File: jordan_2013_full_data

Overview

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

Valid cases: 366
Invalid: 207

Literal question

Three fiscal years ago, at the end of fiscal year [insert year], what percent of this establishment's workforce regularly used personal computers in their jobs?

Ever been granted a patent? (MNAo23a)

File: jordan_2013_full_data

Overview

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

Valid cases: 323
Invalid: 250

Pre question

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

I would now like to ask you questions related to protection of innovation.

Literal question

Has this establishment ever been granted a patent?

Apply for a patent/trademark over last 3 yrs? (MNAo23b)

File: jordan_2013_full_data

Overview

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

Valid cases: 323
Invalid: 250

Literal question

During the last three years, did this establishment apply for a patent or a trademark?

Granted a patent/trademark over last 3yrs? (MNAo23d)

File: jordan_2013_full_data

Overview

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

Valid cases: 41
Invalid: 532

Literal question

During the last three years, has this establishment been granted a patent or a trademark?

Country/countries where establishment applied for a patent/trademark (MNAo23cx)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: character
Width: 24

Valid cases: 42
Invalid: 0

Literal question

During the last three years, in which country or countries did this establishment apply for a patent or a trademark?

Dealing with problems in the production process over last fiscal yr (MNAr1)

File: jordan_2013_full_data

Overview

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

Valid cases: 226
Invalid: 347

Pre question

INTERVIEWER: PLEASE READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:
And now I would like to ask you about management practices in this establishment.

Literal question

Over the last complete fiscal year [insert year], what best describes what happened at this establishment when a problem in the production process arose?

Number of production performance indicators monitored over last fiscal yr (MNAr2)

File: jordan_2013_full_data

Overview

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

Valid cases: 226
Invalid: 347

Literal question

Over the last complete fiscal year [insert year], how many production performance indicators were monitored at this establishment?

Time frame of production targets over last fiscal yr (MNAr6)

File: jordan_2013_full_data

Overview

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

Valid cases: 226
Invalid: 347

Literal question

Over the last complete fiscal year [insert year], what best describes the time frame of production targets at this establishment? Examples of production targets are: production, quality, efficiency, waste, on-time delivery.

Achievement of production targets over last fiscal yr (MNAr7)

File: jordan_2013_full_data

Overview

Achievement of production targets over last fiscal yr (MNAr7)

File: jordan_2013_full_data

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

Valid cases: 221
Invalid: 352

Literal question

Over the last complete fiscal year [insert year], how easy or difficult was it for this establishment to achieve its production targets?

Awareness of production targets over last fiscal yr (MNAr8)

File: jordan_2013_full_data

Overview

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

Valid cases: 221
Invalid: 352

Literal question

Over the last complete fiscal year [insert year], who was aware of the production targets at this establishment?

Basis for managers' performance bonuses over last fiscal yr (MNAr11)

File: jordan_2013_full_data

Overview

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

Valid cases: 226
Invalid: 347

Literal question

Over the last complete fiscal year [insert year], what were managers' performance bonuses usually based on?

Interviewer instructions

INTERVIEWER: INCLUDE ANY TYPE OF TARGET, INCLUDING TARGETS BASED ON PRODUCTION, SALES, THE FIRM'S STOCK PRICE, ETC.

Primary way of promoting non-managers over last fiscal yr (MNAr13)

File: jordan_2013_full_data

Overview

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

Valid cases: 226
Invalid: 347

Literal question

Over the last complete fiscal year [insert year], what was the primary way non-managers were promoted at this establishment?

Reassignment/dismissal of under-performing non-manager over last fiscal yr (MNAr15)

File: jordan_2013_full_data

Overview

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

Valid cases: 226
Invalid: 347

Literal question

Over the last complete fiscal year [insert year], when was an under-performing non-manager reassigned or dismissed?

Number of respondents if more than 1 (A15a4)

File: jordan_2013_full_data

Overview

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

Valid cases: 375
Invalid: 198

Literal question

Information about the respondent for the innovation module

Innovation module respondent same as main questionnaire respondent? (a24)

File: jordan_2013_full_data

Overview

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

Valid cases: 333
Invalid: 240

Literal question

Same respondent as for the main interview?

Years with the firm (fourth respondent) (a15a2d)

File: jordan_2013_full_data

Overview

Type: Discrete
Format: numeric
Width: 2
Decimals: 0
Range: -7-1

Valid cases: 0
Invalid: 573

Literal question

Information about the respondent for the innovation module

Years in the position (fourth respondent) (MNAa15a4d)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 573
Width: 2	
Decimals: 0	
Range: -7-1	

Literal question

Information about the respondent for the innovation module

Gender (fourth respondent) (a15a3d)

File: jordan_2013_full_data

Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 573
Width: 2	
Decimals: 0	
Range: -7-2	

Literal question

Information about the respondent for the innovation module

Weight according to strict eligibility (wstrict)

File: jordan_2013_full_data

Overview

Type: Continuous	Valid cases: 573
Format: numeric	Invalid: 0
Width: 4	Minimum: 1
Decimals: 0	Maximum: 99.5
Range: 1-99.5	

Weight according to median eligibility (wmedian)

File: jordan_2013_full_data

Overview

Type: Continuous	Valid cases: 573
Format: numeric	Invalid: 0
Width: 4	Minimum: 1
Decimals: 0	Maximum: 99.5
Range: 1-99.5	

Weight according to weak eligibility (wweak)

File: jordan_2013_full_data

Overview

Weight according to weak eligibility (wwweak)

File: jordan_2013_full_data

Type: Continuous
Format: numeric
Width: 4
Decimals: 0
Range: 1-99.5

Valid cases: 573
Invalid: 0
Minimum: 1
Maximum: 99.5

group(region size sector) (strata)

File: jordan_2013_full_data

Overview

Type: Continuous
Format: numeric
Width: 2
Decimals: 0
Range: 1-62

Valid cases: 573
Invalid: 0
Minimum: 1
Maximum: 62

Related Materials

Questionnaires

Manufacturing Questionnaire

Title Manufacturing Questionnaire
 Language English
 Filename ES_Manufacturing_MENA_Jordan.pdf

Services Questionnaire

Title Services Questionnaire
 Language English
 Filename ES_Services_MENA_Jordan.pdf

Manufacturing Questionnaire - Innovation Module

Title Manufacturing Questionnaire - Innovation Module
 Language English
 Filename MENA_Innovation_Manufacturing_Jordan.pdf

Services Questionnaire - Innovation Module

Title Services Questionnaire - Innovation Module
 Language English
 Filename MENA_Innovation_Services_Jordan.pdf

Reports

Jordan Country Profile 2013

Title Jordan Country Profile 2013
 Language English
 Filename <http://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Jordan-2013.pdf>

Technical documents

Description of Jordan ES 2013 Implementation

Title Description of Jordan ES 2013 Implementation
 Language English
 Filename jordan_2013_implementation_report.pdf

Questionnaire Manual

Title Questionnaire Manual
Language English
Filename QuestionnaireManual2011.pdf

Sampling Methodology

Title Sampling Methodology
Language English
Filename Sampling_Note.pdf

ISIC Revision 3.1 Codes

Title ISIC Revision 3.1 Codes
Language English
Filename ISIC_Rev_3_1_english_structure.xls
