

# Sudan - Enterprise Survey 2014

**World Bank**

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# Sampling

## Sampling Procedure

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The sample was selected using stratified random sampling. Two levels of stratification were used in this country: industry and region. The size was not available in the sampling frame for most contacts.

Industry stratification was designed in the way that follows: the universe was stratified into manufacturing industries and two service sectors (retail and other services).

Regional stratification was defined in four regions: Bahri, Khartoum, Om Durman, Other/Unknown.

The sampling frame was built using data from UNIDO as well as municipal commercial registries, import/export registries, and Chambers of Commerce.

The sampling frame was generated with the aim of obtaining interviews at 720 establishments. Establishments with undefined size were included as part of this sample frame for Sudan in order to ensure a representative sample. Size information collected during the survey process can then be used to categorize these firms. Establishments with undefined location were included as part of this sample frame for Sudan in order to ensure a representative sample. Location information collected during the survey process can then be used to categorize these firms. It was found to be common that firms register a PO box in Khartoum but operate elsewhere in the country.

## Response Rate

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

Item non-response was addressed by two strategies:

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

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

The number of interviews per contacted establishments was 0.26. 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 0.25.

## Weighting

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

- a- Strict assumption: eligible establishments are only those for which it was possible to directly determine eligibility.
- b- Median assumption: eligible establishments are those for which it was possible to directly determine eligibility and those that rejected the screener questionnaire or an answering machine or fax was the only response. Median weights are used for computing indicators on the [www.enterprisesurveys.org](http://www.enterprisesurveys.org) website.
- c- Weak assumption: in addition to the establishments included in points a and b, all establishments for which it was not possible to finalize a contact are assumed eligible. This includes establishments with dead or out of service phone lines, establishments that never answered the phone, and establishments with incorrect addresses for which it was impossible to

find a new address. Note that under the weak assumption only observed non-eligible units are excluded from universe projections.

# Questionnaires

## Overview

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The following survey instruments are available:

- Manufacturing Module Questionnaire
- Services Module Questionnaire

The survey is fielded via manufacturing or services questionnaires in order not to ask questions that are irrelevant to specific types of firms, e.g. a question that relates to production and nonproduction workers should not be asked of a retail firm. In addition to questions that are asked across countries, all surveys are customized and contain country-specific questions. An example of customization would be including tourism-related questions that are asked in certain countries when tourism is an existing or potential sector of economic growth.

The eligible manufacturing industries have been surveyed using the Manufacturing Module Questionnaire (includes a common set of core variables, plus manufacturing specific questions). Eligible service establishments have been covered using the Services Module Questionnaire. Each variation of the questionnaire is identified by the index variable, a0.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2014-09	2015-02	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. In some cases, when the phone numbers were unavailable in the sample frame, the enumerators applied the screeners in person.

The international firm Ipsos was hired to conduct the survey. It contracted a local agency ConsulSat for Information Services to collect the data.

### Data Collectors

Name	Abbreviation	Affiliation
ConsulSat for Information Services		

# Data Processing

## Data Editing

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

## Data Appraisal

No content available



## File Description

## Variable List

## sudan\_2014\_full\_data

### Content

Cases 662

Variable(s) 291

Structure  
Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V901	idstd	WEB STD FIRMID	discrete	numeric	
V902	id	interview number	discrete	numeric	
V903	a0	Questionnaire	discrete	numeric	
V904	a1	Country Code	discrete	numeric	
V905	a1a	Language Of The Interview	discrete	numeric	
V906	a2	Sampling Region	discrete	numeric	
V907	a3a	Region Of The Establishment	discrete	numeric	
V908	a3b	is this city the official capital city?	discrete	numeric	Is this city the official capital city?
V909	a3c	is this city the main business city?	discrete	numeric	Is this city the main business city?
V910	a3	Size Of Locality	discrete	numeric	
V911	a4b	Industry Screener Sector	discrete	numeric	
V912	a5	Sector Match Between Screener Information And Sample Frame	discrete	numeric	Sector match between screener information and sample frame
V913	a6a	Sampling Size	discrete	numeric	
V914	a6b	Screener Size	discrete	numeric	
V915	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V916	a7a	Number Of Establishments In The Firm	discrete	numeric	
V917	a8	Type Of Establishment	discrete	numeric	Type of establishment
V918	a9	Establishment's Financial Statements Prepared Separately from HQ Statements	discrete	numeric	
V919	a10	Establishment's Financial Statements Separate from Other Establishments	discrete	numeric	
V920	a11	If HQ, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	
V921	a12	Interviewer Number	discrete	numeric	Interviewer code
V922	a13	Supervisor Number	discrete	numeric	Supervisor code
V923	a14d	Day	discrete	numeric	Date face-to-face interview begins: Day (dd)
V924	a14m	Month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V925	a14y	Year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)

ID	Name	Label	Type	Format	Question
V926	a14h	Hour	discrete	numeric	Time face-to-face interview begins: Hour (00 to 23)
V927	a14min	Minutes	discrete	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V928	b1	Legal Status of the Firm	discrete	numeric	What is this firm's current legal status?
V929	b1x	Other (Specify)	discrete	character	What is this firm's current legal status? Other
V930	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?
V931	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
V932	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
V933	b2c	% owned by Government/State	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V934	b2d	% owned by Other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V935	b4	Amongst the owners of the firm, are there any females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V936	b4a	% of the firm owned by females	discrete	numeric	What percentage of the firm is owned by females?
V937	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V938	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
V939	nb6a	nb6a. How many full-time employees did this establishment employ when it started	discrete	numeric	How many full-time employees did this establishment employ when it started operations? Please include all employees and managers Of which permanent is:
V940	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V941	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V942	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?
V943	SL_b7	SL_b7. Is the Top Manager married?	discrete	numeric	
V944	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V945	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V946	b8x	b8x. Specify the internationally-recognized quality certifications	discrete	character	Please specify the internationally-recognized quality certifications
V947	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?
V948	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?

ID	Name	Label	Type	Format	Question
V949	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?
V950	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?
V951	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?
V952	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
V953	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
V954	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?
V955	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?
V956	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?
V957	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?
V958	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?
V959	nc16	nc16. In a typical month, over financial year 2013, how many incidents of insuff	discrete	numeric	In a typical month, over financial year [insert last complete financial year], how many incidents of insufficient water supply did this establishment experience?
V960	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?
V961	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?
V962	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?
V963	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?
V964	c22b	Establishment has its own website	discrete	numeric	At the present time, does this establishment have its own website?
V965	c30a	How Much Of An Obstacle: Electricity To Operations Of This Establishment?	discrete	numeric	Using the response options on the card; To what degree is Electricity an obstacle to the current operations of this establishment?

ID	Name	Label	Type	Format	Question
V966	c30b	How Much Of An Obstacle: Telecommunications To Operations Of This Establishment?	discrete	numeric	Using the response options on the card; To what degree is Telecommunications an obstacle to the current operations of this establishment?
V967	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?
V968	nd1a1x_2	nd1a1x_2. In financial year 2013, what was this establishment's main product, th	discrete	character	In financial year [insert last complete financial year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales? Second largest
V969	nd1a1x_3	nd1a1x_3. In financial year 2013, what was this establishment's main product, th	discrete	character	In financial year [insert last complete financial year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales? Third largest
V970	d1a2	First Product/Service Isic Code	contin	numeric	
V971	d1a3	First Product/Service, Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V972	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?
V973	d2x	d2x - amount in letters	discrete	character	In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for all products and services?
V974	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?
V975	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
V976	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)
V977	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
V978	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?
V979	SL_d4a	SL_d4a. In financial year 2013, when this establishment exported goods directly,	discrete	numeric	In financial year [insert last complete financial year], when this establishment exported goods directly, what percent of the exports were to the following countries? COMESA member countries
V980	SL_d4b	SL_d4b. In financial year 2013, when this establishment exported goods directly,	discrete	numeric	In financial year [insert last complete financial year], when this establishment exported goods directly, what percent of the exports were to the following countries? Other African countries
V981	SL_d4c	SL_d4c. In financial year 2013, when this establishment exported goods directly,	discrete	numeric	In financial year [insert last complete financial year], when this establishment exported goods directly, what percent of the exports were to the following countries? Outside Africa

ID	Name	Label	Type	Format	Question
V982	SL_d5	SL_d5. Referring to this establishment's direct export in the last financial yea	discrete	numeric	
V983	d6	In last FY, Export Losses Due To Theft As % Of value of products	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of theft?
V984	d7	In last FY, Export Losses Due To Breakage Or Spoilage As % Of value of products	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of breakage or spoilage?
V985	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?
V986	SL_d10a	SL_d10a. In financial year 2013, what percentage of domestic sales by this estab	contin	numeric	In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to? Large private mining firms
V987	SL_d10b	SL_d10b. In financial year 2013, what percentage of domestic sales by this estab	contin	numeric	In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to? Large private agribusiness firms
V988	SL_d10c	SL_d10c. In financial year 2013, what percentage of domestic sales by this estab	contin	numeric	In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to? State owned enterprises
V989	SL_d10d	SL_d10d. In financial year 2013, what percentage of domestic sales by this estab	contin	numeric	In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to? This establishment's parent company or affiliated subsidiaries?
V990	SL_d10e	SL_d10e. In financial year 2013, what percentage of domestic sales by this estab	contin	numeric	In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to? Other
V991	d10	In last FY, % of value of products lost in transit due to theft	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?
V992	d11	In last FY, % of value of products lost in transit due to breakage or spoilage?	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?
V993	SL_d11a	SL_d11a. In financial year 2013, as a proportion of all material inputs or suppl	discrete	numeric	In financial year [insert last complete financial year], as a proportion of all material inputs or supplies purchased that year, what percentage of this establishment's material inputs or supplies were: Material inputs or supplies of domestic origin
V994	SL_d11b	SL_d11b. In financial year 2013, as a proportion of all material inputs or suppl	discrete	numeric	In financial year [insert last complete financial 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
V995	d12a	% Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], as a proportion of all of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were: Material inputs or supplies of domestic origin

ID	Name	Label	Type	Format	Question
V996	d12b	% Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], as a proportion of all of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were: Material inputs or supplies of foreign origin
V997	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?
V998	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 (from outside the EU for European Union members), how many days did it take on average from the time goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?
V999	SL_d12a	SL_d12a. In financial year 2013, what percentage of material inputs or supplies	contin	numeric	In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following? Large private mining firms
V1000	SL_d12b	SL_d12b. In financial year 2013, what percentage of material inputs or supplies	contin	numeric	In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following? Large private agribusiness firms
V1001	SL_d12c	SL_d12c. In financial year 2013, what percentage of material inputs or supplies	contin	numeric	In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following? State owned enterprises
V1002	SL_d12d	SL_d12d. In financial year 2013, what percentage of material inputs or supplies	contin	numeric	In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following? This establishment's parent company or affiliated subsidiaries
V1003	SL_d12e	SL_d12e. In financial year 2013, what percentage of material inputs or supplies	contin	numeric	In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following? Other
V1004	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?
V1005	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?
V1006	SL_d17	SL_d17. Over the last three financial years, 2011-2013, has this establishment r	discrete	numeric	Over the last three financial years, [insert last complete three financial years], has this establishment received an import tax waiver on the purchase of imported inputs and/or machineries and equipment?
V1007	SL_d18	SL_d18. Over the last three financial years, 2011-2013, has this establishment r	discrete	numeric	Over the last three financial years, [insert last complete three financial years], has this establishment received domestic tax break due to its investments?
V1008	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?



ID	Name	Label	Type	Format	Question
V1009	nd30a	nd30a. To what degree is Ground Transport an obstacle to the current operations	discrete	numeric	Using the response options on the card; To what degree is Ground Transport an obstacle to the current operations of this establishment?
V1010	nd30c	nd30c. To what degree is International Maritime Transport an obstacle to the cur	discrete	numeric	Using the response options on the card; To what degree is International Maritime Transport an obstacle to the current operations of this establishment?
V1011	nd30d	nd30d. To what degree is International Air Transport an obstacle to the current	discrete	numeric	Using the response options on the card; To what degree is International Air Transport an obstacle to the current operations of this establishment?
V1012	nd30e	nd30e. To what degree is Railway Transport an obstacle to the current operations	discrete	numeric	Using the response options on the card; To what degree is Railway Transport an obstacle to the current operations of this establishment?
V1013	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 regulations an obstacle to the current operations of this establishment?
V1014	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?
V1015	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 or service, how many competitors did this establishment's main product or service face?
V1016	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?
V1017	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V1018	e30	How Much Of An Obstacle: Practices of competitors in informal sector?	discrete	numeric	Using the response options on the card; To what degree are Practices of Competitors in the Informal Sector an obstacle to the current operations of this establishment?
V1019	h1	New or signif. improved product introduced in last three years?	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved products or services? Please exclude the simple resale of new goods purchased from others and changes of a solely aesthetic nature.
V1020	h2	New or signif. improved product also new to the establishment's main market?	discrete	numeric	Were any of the new or significantly improved products or services of this establishment new to one of this establishment's markets?
V1021	h3	New or sig. impvd method of manf product or offering services in last 3 years?	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved methods for the production or supply of products or services?
V1022	h4a	h4a. During the last three years, has this establishment introduced any new or s	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?
V1023	h4b	h4b. During the last three years, has this establishment introduced any new or s	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?

ID	Name	Label	Type	Format	Question
V1024	h5	New or sig. impvd organizational structure introduced in last 3 years?	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved marketing methods?
V1025	h6	New or signif. improved marketing method introduced in last three years?	discrete	numeric	During the last three years, did this establishment spend on research and development activities, either in-house or contracted with other companies (outsourced)?
V1026	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?
V1027	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?
V1028	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)?
V1029	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?
V1030	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
V1031	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
V1032	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
V1033	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
V1034	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
V1035	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other
V1036	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	discrete	numeric	More specifically, over the last two years, did this establishment submit an application to obtain a construction-related permit?
V1037	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?
V1038	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?
V1039	g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V1040	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment? SPECIFY UNITS
V1041	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment? SPECIFY UNITS

ID	Name	Label	Type	Format	Question
V1042	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?
V1043	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?
V1044	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
V1045	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
V1046	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?
V1047	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
V1048	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
V1049	i30	How Much Of An Obstacle: Crime, Theft And Disorder?	discrete	numeric	Using the response options on the card; To what degree is Crime, Theft and Disorder an obstacle to the current operations of this establishment?
V1050	k1c	In last FY, % Of Material Inputs Or Services Paid For After Delivery	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of material inputs or services were purchased on credit - paid after delivery?
V1051	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?
V1052	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?
V1053	k3bc	% Of Working Capital Borrowed From Banks	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Borrowed from banks (private and state-owned)
V1054	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 which include microfinance institutions, credit cooperatives, credit unions, or finance companies.

ID	Name	Label	Type	Format	Question
V1055	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
V1056	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.)
V1057	k3hdx	k3hdx. SPECIFY SOURCE	discrete	character	
V1058	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?
V1059	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)
V1060	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
V1061	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
V1062	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
V1063	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from banks: private and state-owned
V1064	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 which include microfinance institutions, credit cooperatives, credit unions, or finance companies
V1065	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
V1066	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Other (moneylenders, friends, relatives, bonds, etc.)

ID	Name	Label	Type	Format	Question
V1067	k5hdjx	k5hdjx. SPECIFY SOURCE	discrete	character	Over financial year [insert last complete financial year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:
V1068	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?
V1069	SL_k6a	SL_k6a. Was the current or savings account opened by a married female owner or t	discrete	numeric	Was the current or savings account opened by a married female owner or top manager?
V1070	SL_k6b	SL_k6b. Was permission from the spouse of any married female owner or top manage	discrete	numeric	Was permission from the spouse of any married female owner or top manager required to be able to open the current or savings account?
V1071	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V1072	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?
V1073	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?
V1074	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?
V1075	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?
V1076	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?
V1077	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
V1078	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
V1079	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
V1080	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.)
V1081	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
V1082	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?
V1083	k15b	k15b. What is the total number of outstanding loans or lines of credit held by t	discrete	numeric	What is the total number of outstanding loans or lines of credit held by this establishment?
V1084	k15c	k15c. What is the total value of outstanding loans or lines of credit held by th	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?

ID	Name	Label	Type	Format	Question
V1085	k15d	k15d. At this time, do you have any outstanding personal loans that are used to	discrete	numeric	At this time, does the owner of this establishment have any outstanding personal loans that are used to finance this establishment's business activities?
V1086	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?
V1087	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?
V1088	k20a	k20a. Referring only to this most recent application for a line of credit or loa	discrete	numeric	Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?
V1089	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?
V1090	k30	How Much Of An Obstacle: Access To Finance	discrete	numeric	Using the response options on the card; To what degree is Access to Finance an obstacle to the current operations of this establishment?
V1091	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."
V1092	SL_j2	SL_j2. Over the past three years 2011-2013, did your establishment have a busine	discrete	numeric	Over the past three years [insert last complete three financial years], did your establishment have a business dispute (e.g., dispute with employees, other firms, government, etc.) in which a third party (such as arbiters or judicial system) was involved?
V1093	SL_j3	SL_j3. Referring to the business disputes, was the fast track commercial court s	discrete	numeric	
V1094	SL_j4	SL_j4. Referring to the business dispute filed to the fast track commercial cour	discrete	numeric	
V1095	SL_j5	SL_j5. For the dispute resolved through the fast track commercial court, how man	discrete	numeric	
V1096	SL_j6	SL_j6. Referring to the business dispute resolved through the fast track commerc	discrete	numeric	
V1097	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]
V1098	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?
V1099	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?
V1100	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
V1101	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?
V1102	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?
V1103	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
V1104	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
V1105	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?
V1106	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?
V1107	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?
V1108	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?
V1109	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?
V1110	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?
V1111	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
V1112	j30b	How Much Of An Obstacle: Tax Administrations	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Tax administration

ID	Name	Label	Type	Format	Question
V1113	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
V1114	j30e	How Much Of An Obstacle: Political Instability	discrete	numeric	Using the response options on the card; To what degree is political instability an obstacle to the current operations of this establishment?
V1115	j30f	How Much Of An Obstacle: Corruption	discrete	numeric	Using the response options on the card; To what degree is corruption an obstacle to the current operations of this establishment?
V1116	h30	How Much Of An Obstacle: Courts	discrete	numeric	Using the response options on the card; To what degree are courts an obstacle to the current operations of this establishment?
V1117	l1	Num. Permanent, Full-Time Employees At End Of Last Fiscal Year	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees did this establishment employ? Please include all employees and managers
V1118	l2	Num. Permanent, Full-Time Employees At End Of 3 Fiscal Years Ago	discrete	numeric	Three fiscal years ago, at the end of fiscal year [insert three complete fiscal years ago], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers
V1119	l3a	Num. Full-time Employees At End Of Last Fiscal Yr: production workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Production employees
V1120	l3b	Num. Full-time Employees At End Of Last Fiscal Yr: non-production workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Non-production employees [e.g., managers, administration, sales]
V1121	l4a	Num. Full-time Employees At End Of Last Fiscal Yr: Skilled Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Skilled production workers
V1122	l4b	Num. Full-time Employees At End Of Last Fiscal Yr: Unskilled Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Unskilled production workers
V1123	l5a	Num. Full-time Employees At End Of Last Fiscal Yr: female production workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time production employees
V1124	l5b	Num. Full-time Employees At End Of Last Fiscal Yr: female non-production workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time non-production employees
V1125	l5	Num. Full-time Employees At End Of Last Fiscal Yr: female	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female?
V1126	l6	Num. Full-Time Temporary Employees At End Of Last Fiscal Yr	discrete	numeric	How many full-time temporary employees did this establishment employ in fiscal year [insert last complete fiscal year]?
V1127	l6a	l6a. How many full-time seasonal or temporary employees employed throughout fisc	discrete	numeric	How many full-time temporary employees employed throughout fiscal year [insert last complete fiscal year], were females?



ID	Name	Label	Type	Format	Question
V1128	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]?
V1129	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?
V1130	I9a2	I9a2. Average number of years of education of typical female production worker	discrete	numeric	What is the average number of years of education of a typical female permanent full-time production worker employed in this establishment?
V1131	I9b	% Of Full Time Workers Completed High School	discrete	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V1132	SL_I9c	SL_I9c. Is there any work-related activity in this establishment that female emp	discrete	numeric	
V1133	SL_I9d	SL_I9d. Does this establishment have night shifts?	discrete	numeric	
V1134	SL_I9e	SL_I9e. Are female employees allowed to work on these night shifts?	discrete	numeric	
V1135	SL_I9f	SL_I9f. Are female permanent full-time employees working in this establishment e	discrete	numeric	
V1136	SL_I9g	SL_I9g. Over the last two years, how many female full-time female employees were	discrete	numeric	
V1137	SL_I9h	SL_I9h. Out of those eligible how many female full-time permanent employees made	discrete	numeric	
V1138	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?
V1139	I11a	% Permanent Full-time Production Employees Received Formal Training In Last FFY	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percent of permanent, full-time employees of the following categories received formal training? Production full-time permanent employees trained
V1140	I11b	% Permanent Fulltime NonProduction Employees Received Formal Training In Last FY	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percent of permanent, full-time employees of the following categories received formal training? Non-production full-time permanent employees trained
V1141	SL_I11a	SL_I11a. Referring to the training programs run over financial year 2013, how ma	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form? Training in vocational and technical training institutions
V1142	SL_I11b	SL_I11b. Referring to the training programs run over financial year 2013, how ma	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form? Formal training in other institutions

ID	Name	Label	Type	Format	Question
V1143	SL_I11c	SL_I11c. Referring to the training programs run over financial year 2013, how ma	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form? Training in some other enterprises outside [COUNTRY]
V1144	SL_I11d	SL_I11d. Referring to the training programs run over financial year 2013, how ma	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form? Training in some other enterprises in [COUNTRY]
V1145	SL_I11e	SL_I11e. Referring to the training programs run over financial year 2013, how ma	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form? Apprenticeship in other enterprises
V1146	SL_I11f	SL_I11f. Referring to the training programs run over financial year 2013, how ma	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form? Apprenticeship in this establishment
V1147	SL_I11g	SL_I11g. Referring to the training programs run over financial year 2013, how ma	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form? Other
V1148	SL_I12a	SL_I12a. Referring to the training programs run over financial year 2013, what w	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], what was the total cost? Paid by the establishment
V1149	SL_I12b	SL_I12b. Referring to the training programs run over financial year 2013, what w	discrete	numeric	Referring to the training programs run over financial year [insert last complete financial year], what was the total cost? Paid by the government
V1150	SL_I13	SL_I13. At the moment, does this establishment have vacancies requiring medium t	discrete	numeric	At the moment, does this establishment have vacancies requiring medium to high level of skills?
V1151	SL_I14	SL_I14. Over the last two financial years, did this establishment interrupt oper	discrete	numeric	Over the last two financial years, did this establishment interrupt operations because of workers' strike?
V1152	I30a	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?
V1153	I30b	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?
V1154	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?
V1155	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 (option 1, 2 or 3)

ID	Name	Label	Type	Format	Question
V1156	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
V1157	n2e	Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	discrete	numeric	
V1158	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
V1159	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
V1160	n2ra	n2ra. For financial year 2013, please provide the following information about th	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total rental (or depreciation) cost of machinery, vehicles and equipment
V1161	n2rb	nr2b. For financial year 2013, please provide the following information about th	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 buildings
V1162	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
V1163	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
V1164	n6a	Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year	discrete	numeric	From this establishment's Balance Sheet for 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
V1165	n6b	Net Book Value Of Land And Buildings In Last Fiscal Year	discrete	numeric	From this establishment's Balance Sheet for 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
V1166	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 and regardless of whether the establishment owns them or not, how much would they cost, independently of whether they are owned, rented or leased? Machinery, vehicles, and equipment
V1167	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
V1168	a15a2a	Main Respondent Years Working In The Firm:	contin	numeric	
V1169	a15a3	a15a3. Main respondents gender	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1170	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	
V1171	a15b3	a15b3. Second respondents gender	discrete	numeric	
V1172	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	
V1173	a15c3	a15c3. Third respondents gender	discrete	numeric	
V1174	a15d	Day	contin	numeric	Time face-to-face interview ends
V1175	a15m	Month	discrete	numeric	Time face-to-face interview ends
V1176	a15y	Year	discrete	numeric	Time face-to-face interview ends
V1177	a15h	Hour	discrete	numeric	Time face-to-face interview ends
V1178	a15min	Minutes	contin	numeric	Time face-to-face interview ends
V1179	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:
V1180	a17	Responses To The Questions About Figures Are...	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers)
V1181	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V1182	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	discrete	numeric	
V1183	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	contin	numeric	
V1184	wstrict	Weight according to strict eligibility	contin	numeric	
V1185	wmedian	Weight according to median eligibility	contin	numeric	
V1186	wweak	Weight according to weak eligibility	contin	numeric	
V1187	a4a	Industry Sampling Sector	discrete	numeric	
V1188	strata	group(region a4a size)	contin	numeric	
V1189	c8a		contin	numeric	How long did these power outages last on average? Hours
V1190	c8b		contin	numeric	How long did these power outages last on average? Minutes
V1191	c8		contin	numeric	



## WEB STD FIRMID (idstd)

### File: sudan\_2014\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 580079-580740

Valid cases: 662  
Invalid: 0  
Minimum: 580079  
Maximum: 580740

## interview number (id)

### File: sudan\_2014\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 120006-122539

Valid cases: 662  
Invalid: 0  
Minimum: 120006  
Maximum: 122539

## Questionnaire (a0)

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Country: self-explanatory

## Language Of The Interview (a1a)

### File: sudan\_2014\_full\_data

## Language Of The Interview (a1a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Sampling Region (a2)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

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

File: sudan\_2014\_full\_data

### Literal question

Is this city the official capital city?

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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 Screener Sector (a4b)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Sector match between screener information and sample frame

### Interviewer instructions

Self-explanatory

## Sampling Size (a6a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment taken from the sample frame

## Screener Size (a6b)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Identifies establishments that are part of a larger firm

## Number Of Establishments In The Firm (a7a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 661  
Invalid: 1

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Type Of Establishment (a8)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-4

Valid cases: 662  
Invalid: 0

### Literal question

Type of establishment

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Information taken from the screener questionnaire

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Information taken from the screener questionnaire

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Information taken from the screener questionnaire

## Interviewer Number (a12)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 17-16161

Valid cases: 662  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Interviewer code

### Interviewer instructions

Information taken from the screener questionnaire

## Supervisor Number (a13)

File: sudan\_2014\_full\_data

### Overview

## Supervisor Number (a13)

### File: sudan\_2014\_full\_data

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

Valid cases: 662  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

Supervisor code

#### Interviewer instructions

Information taken from the screener questionnaire

## Day (a14d)

### File: sudan\_2014\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-30

Valid cases: 662  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

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

#### Interviewer instructions

Self-explanatory

## Month (a14m)

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

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

#### Interviewer instructions

Self-explanatory

## Year (a14y)

### File: sudan\_2014\_full\_data

## Year (a14y)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
 Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

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

**Interviewer instructions**

Self-explanatory

## Hour (a14h)

File: sudan\_2014\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-18

Valid cases: 662  
 Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

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

**Interviewer instructions**

Self-explanatory

## Minutes (a14min)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
 Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

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

**Interviewer instructions**

Self-explanatory

## Legal Status of the Firm (b1)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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?

### Interviewer instructions

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

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

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

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

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

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

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

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

## Other (Specify) (b1x)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 2

Valid cases: 1  
Invalid: 0

## Other (Specify) (b1x)

File: sudan\_2014\_full\_data

**Literal question**

What is this firm's current legal status? Other

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 207  
 Invalid: 455

**Literal question**

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

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
 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: sudan\_2014\_full\_data

## % owned by Private Foreign Individuals, Companies Or Organizations (b2b)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### 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: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

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

#### Interviewer instructions

1) Foreign ownership refers to the nationality of the owners. If the primary owner is a foreign national resident in the country, it is still a foreign owned firm. If the owner is another company or institution owned by individuals who are foreign nationals, then it is foreign owned.

Domestic owners are nationals of the country in which the establishment is located. (Follow the same rule for companies.)

A firm that is a subsidiary of a government-owned firm should be considered government-owned.

Firms that operate under a franchise agreement should be classified according to the nationality of those awarded the franchise.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

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

#### Interviewer instructions

Self-Explanatory

## % of the firm owned by females (b4a)

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 54  
Invalid: 608

#### Literal question

What percentage of the firm is owned by females?

## Year Establishment Began Operations (b5)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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?

### Interviewer instructions

1) 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.

2) INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-5000

Valid cases: 662  
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.

## nb6a. How many full-time employees did this establishment employ when it started (nb6a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

## nb6a. How many full-time employees did this establishment employ when it started (nb6a)

File: sudan\_2014\_full\_data

### Literal question

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

Of which permanent is:

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

In what year was this establishment formally registered?

### Interviewer instructions

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

2) INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR.

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

File: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2001

Valid cases: 662  
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.

## SL\_b7. Is the Top Manager married? (SL\_b7)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

## Is The Top Manager Female? (b7a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

Is the Top Manager female?

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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

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

File: sudan\_2014\_full\_data

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.

## b8x. Specify the internationally-recognized quality certifications (b8x)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 20

Valid cases: 46  
Invalid: 0

### Pre question

Does this establishment have an internationally-recognized quality certification?

### Literal question

Please specify the internationally-recognized quality certifications

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING. Now, we turn to the establishment's operations

### Literal question

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

### 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: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 199  
Invalid: 463

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 199  
Invalid: 463

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

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

### 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: sudan\_2014\_full\_data

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 622  
Invalid: 40

### 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.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 622  
Invalid: 40

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

### 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

In last FY, value of losses due to power outages (c9b)

File: sudan\_2014\_full\_data

**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: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
Invalid: 0

**Literal question**

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

**Interviewer instructions**

Establishment owns or shares a generator. Self-explanatory

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 351  
Invalid: 311

**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: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
Invalid: 0

**Literal question**

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

**Interviewer instructions**

Application for water connection. Self-explanatory



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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 176  
Invalid: 486

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 176  
Invalid: 486

### 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.

## nc16. In a typical month, over financial year 2013, how many incidents of insuff (nc16)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

### Literal question

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

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

File: sudan\_2014\_full\_data

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 10  
Invalid: 652

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 9  
Invalid: 653

### Literal question

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

### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

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

### Interviewer instructions

E-mail and website use.

Web page should be considered as part of the website.

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Using the response options on the card; To what degree is Electricity 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: Telecommunications To Operations Of This Establishment? (c30b)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Using the response options on the card; To what degree is Telecommunications 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.

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 88

Valid cases: 662  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

The next topic to be covered is how and where this establishment makes its sales.

### Literal question

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

### Interviewer instructions

INTERVIEWER: PLEASE SPECIFY THE ACTIVITY AND MAIN PRODUCT IN AS MUCH DETAIL AS POSSIBLE, FOR EX., MANUFACTURING OF LEATHER SHOES.)

## nd1a1x\_2. In financial year 2013, what was this establishment's main product, th (nd1a1x\_2)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

### Literal question

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

Second largest

### Interviewer instructions

ENUMERATOR: PLEASE SPECIFY THE ACTIVITY AND PRODUCT IN DETAIL, FOR EX., "LEATHER SHOE MANUFACTURING" NOT JUST SHOES' MANUFACTURING

nd1a1x\_3. In financial year 2013, what was this establishment's main product, th (nd1a1x\_3)

File: sudan\_2014\_full\_data

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

#### Literal question

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

Third largest

First Product/Service Isic Code (d1a2)

File: sudan\_2014\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 4-51399

Valid cases: 662  
Invalid: 0  
Minimum: 4  
Maximum: 51399

#### Interviewer instructions

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

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

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: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

What percentage of total sales does the main product represent?

#### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-800000000000

Valid cases: 662  
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.

## d2x - amount in letters (d2x)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 63

Valid cases: 250  
Invalid: 0

### Literal question

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

### Interviewer instructions

PLEASE ALSO WRITE OUT THE NUMBER (I.E. 50,000 AS FIFTY THOUSAND)

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 649  
Invalid: 13

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

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

### Literal question

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

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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)

### 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: sudan\_2014\_full\_data

## % of sales: Direct exports (d3c)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 661  
 Invalid: 1

### Pre question

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

### Literal question

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

### Interviewer instructions

- 1) Where sales are made. The purpose of this question is to determine where the establishment's customers are located.

Domestic sales are when goods or services are sold inside the borders of the country.

An indirect export is when the manufacturer sells its goods to a trader or another agent who then exports the product without modifications. Products that the manager knows are smuggled abroad should be counted as indirect exports.

Direct export is the sale of goods where the immediate recipient is outside the borders of the country.

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 4  
 Invalid: 658

### 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.



SL\_d4a. In financial year 2013, when this establishment exported goods directly, (SL\_d4a)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 44  
Invalid: 618

#### Literal question

In financial year [insert last complete financial year], when this establishment exported goods directly, what percent of the exports were to the following countries?  
COMESA member countries

SL\_d4b. In financial year 2013, when this establishment exported goods directly, (SL\_d4b)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 44  
Invalid: 618

#### Literal question

In financial year [insert last complete financial year], when this establishment exported goods directly, what percent of the exports were to the following countries?  
Other African countries

SL\_d4c. In financial year 2013, when this establishment exported goods directly, (SL\_d4c)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 44  
Invalid: 618

#### Literal question

In financial year [insert last complete financial year], when this establishment exported goods directly, what percent of the exports were to the following countries?  
Outside Africa

SL\_d5. Referring to this establishment's direct export in the last financial year (SL\_d5)

File: sudan\_2014\_full\_data

#### Overview

SL\_d5. Referring to this establishment's direct export in the last financial year (SL\_d5)

File: sudan\_2014\_full\_data

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

Valid cases: 0  
Invalid: 662

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 4  
Invalid: 658

#### Literal question

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

In last FY, Export Losses Due To Breakage Or Spoilage As % Of value of products (d7)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 4  
Invalid: 658

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 59  
Invalid: 603

#### Literal question

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

#### Interviewer instructions

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

File: sudan\_2014\_full\_data

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

## SL\_d10a. In financial year 2013, what percentage of domestic sales by this estab (SL\_d10a)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -7-100

Valid cases: 662  
Invalid: 0  
Minimum: -7  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to?  
Large private mining firms

## SL\_d10b. In financial year 2013, what percentage of domestic sales by this estab (SL\_d10b)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -7-100

Valid cases: 662  
Invalid: 0  
Minimum: -7  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to?  
Large private agribusiness firms

## SL\_d10c. In financial year 2013, what percentage of domestic sales by this estab (SL\_d10c)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -7-100

Valid cases: 662  
Invalid: 0  
Minimum: -7  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to?  
State owned enterprises

SL\_d10d. In financial year 2013, what percentage of domestic sales by this estab (SL\_d10d)

File: sudan\_2014\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -7-50

Valid cases: 662  
Invalid: 0  
Minimum: -7  
Maximum: 50

#### Literal question

In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to? This establishment's parent company or affiliated subsidiaries?

SL\_d10e. In financial year 2013, what percentage of domestic sales by this estab (SL\_d10e)

File: sudan\_2014\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -7-100

Valid cases: 662  
Invalid: 0  
Minimum: -7  
Maximum: 100

#### Literal question

In financial year [insert last complete financial year], what percentage of domestic sales by this establishment were to? Other

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

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

In last FY, % of value of products lost in transit due to breakage or spoilage? (d11)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 661  
Invalid: 1

#### Literal question

In last FY, % of value of products lost in transit due to breakage or spoilage? (d11)

File: sudan\_2014\_full\_data

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

SL\_d11a. In financial year 2013, as a proportion of all material inputs or suppl (SL\_d11a)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 559  
Invalid: 103

#### Literal question

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

SL\_d11b. In financial year 2013, as a proportion of all material inputs or suppl (SL\_d11b)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 559  
Invalid: 103

#### Literal question

In financial year [insert last complete financial 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

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 103  
Invalid: 559

#### Pre question

SHOW CARD

#### Literal question

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

File: sudan\_2014\_full\_data

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

Material inputs or supplies of domestic origin

### Interviewer instructions

1) The purpose of this question is to determine from where the inputs for production are obtained and purchased.

The calculation is done as a percent of all purchases of supplies and inputs purchased by the establishment for the fiscal year.

Inputs are materials that go through a mechanical, physical, or chemical transformation that will ultimately make up some portion of the final good produced. Lumber in a furniture factory is a good example of an input.

Supplies are materials or products that are used, expended, consumed, but will not comprise the final good produced. Pencils and writing paper are good examples of a supply.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Pre question

SHOW CARD

### Literal question

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

Material inputs or supplies of foreign origin

### Interviewer instructions

1) The purpose of this question is to determine from where the inputs for production are obtained and purchased.

The calculation is done as a percent of all purchases of supplies and inputs purchased by the establishment for the fiscal year.

Inputs are materials that go through a mechanical, physical, or chemical transformation that will ultimately make up some portion of the final good produced. Lumber in a furniture factory is a good example of an input.

Supplies are materials or products that are used, expended, consumed, but will not comprise the final good produced. Pencils and writing paper are good examples of a supply.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 69  
Invalid: 593

### Literal question

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

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 29  
Invalid: 633

### Literal question

In fiscal year [insert last complete fiscal year], when this establishment imported material inputs or supplies (from outside the EU for European Union members), how many days did it take on average from the time 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.

## SL\_d12a. In financial year 2013, what percentage of material inputs or supplies (SL\_d12a)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-100

Valid cases: 662  
Invalid: 0  
Minimum: 0  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following?

Large private mining firms

## SL\_d12b. In financial year 2013, what percentage of material inputs or supplies (SL\_d12b)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-100

Valid cases: 662  
Invalid: 0  
Minimum: 0  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following?  
Large private agribusiness firms

## SL\_d12c. In financial year 2013, what percentage of material inputs or supplies (SL\_d12c)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-100

Valid cases: 662  
Invalid: 0  
Minimum: 0  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following?  
State owned enterprises

## SL\_d12d. In financial year 2013, what percentage of material inputs or supplies (SL\_d12d)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-100

Valid cases: 662  
Invalid: 0  
Minimum: 0  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following?  
This establishment's parent company or affiliated subsidiaries

## SL\_d12e. In financial year 2013, what percentage of material inputs or supplies (SL\_d12e)

File: sudan\_2014\_full\_data

### Overview



## SL\_d12e. In financial year 2013, what percentage of material inputs or supplies (SL\_d12e)

File: sudan\_2014\_full\_data

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-100

Valid cases: 662  
Invalid: 0  
Minimum: 0  
Maximum: 100

### Literal question

In financial year [insert last complete financial year], what percentage of material inputs or supplies purchased from the domestic market were from each of the following?

Other

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Literal question

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

### Post question

INTERVIEWER: IF RESPONDENT REQUIRES CLARIFICATION, DEFINE AS STOCK ON HAND

### Interviewer instructions

Days of inventory of main input. The purpose of this question is to assess the efficiency in the supply chain. When firms have to maintain a high level of stock, because they cannot rely on a predictable supply of inputs, this is a source of economic inefficiency. Inversely, if supplies of the main input can be relied upon to be easily available, firms will keep low levels of stock on hand.

The main input is the input that accounts for the highest value among all inputs. It is not the input for which stock is maintained the longest. For example, if a company makes shirts, the most important input is the cloth, not the buttons and thread, though the establishment may actually keep a 90 day supply of buttons on hand and only a 30 day stock of cloth.

Days of inventory should be calculated as the number of days of normal production capacity before running out of stock.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 139  
Invalid: 523

### 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?

### Interviewer instructions

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

File: sudan\_2014\_full\_data

1) 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.

2) INTERVIEWER: IF RESPONDENT REQUIRES CLARIFICATION, DEFINE AS STOCK ON HAND

## SL\_d17. Over the last three financial years, 2011-2013, has this establishment r (SL\_d17)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 242  
Invalid: 420

### Literal question

Over the last three financial years, [insert last complete three financial years], has this establishment received an import tax waiver on the purchase of imported inputs and/or machineries and equipment?

## SL\_d18. Over the last three financial years, 2011-2013, has this establishment r (SL\_d18)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 242  
Invalid: 420

### Literal question

Over the last three financial years, [insert last complete three financial years], has this establishment received domestic tax break due to its investments?

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

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

File: sudan\_2014\_full\_data

### Pre question

SHOW CARD

### Literal question

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

## nd30a. To what degree is Ground Transport an obstacle to the current operations (nd30a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

### Literal question

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

## nd30c. To what degree is International Maritime Transport an obstacle to the cur (nd30c)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

### Literal question

Using the response options on the card; To what degree is International Maritime Transport an obstacle to the current operations of this establishment?

## nd30d. To what degree is International Air Transport an obstacle to the current (nd30d)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

### Literal question

nd30d. To what degree is International Air Transport an obstacle to the current (nd30d)

File: sudan\_2014\_full\_data

Using the response options on the card; To what degree is International Air Transport an obstacle to the current operations of this establishment?

nd30e. To what degree is Railway Transport an obstacle to the current operations (nd30e)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 0  
Invalid: 662

#### Literal question

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

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Pre question

SHOW CARD

#### Literal question

Using the response options on the card; To what degree is customs and trade regulations 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

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 103  
Invalid: 559

#### Pre question

SHOW CARD

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

### File: sudan\_2014\_full\_data

#### 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?

#### Interviewer instructions

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

The main product is defined by the output that generates the highest proportion of sales. 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.

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

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 78  
Invalid: 584

#### Literal question

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

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

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 103  
Invalid: 559

#### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

Does this establishment compete against unregistered or informal firms?

### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Using the response options on the card; To what degree are Practices of Competitors in the Informal Sector 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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING

And now we switch to a new topic. In this section "new" means new to the firm but not necessarily new to the market or other firms, and it could have been originally developed by other firms.

### Literal question

During the last three years, has this establishment introduced new or significantly improved products or services? Please exclude the simple resale of new goods purchased from others and changes of a solely aesthetic nature.

### Interviewer instructions

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

File: sudan\_2014\_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.

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 367  
Invalid: 295

#### Literal question

Were any of the new or significantly improved products or services of this establishment new to one of this establishment's markets?

#### 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.

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

During the last three years, has this establishment introduced any new or significantly improved methods for the production or supply of 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.

h4a. During the last three years, has this establishment  
introduced any new or s (h4a)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

h4a. During the last three years, has this establishment introduced any new or s (h4a)

File: sudan\_2014\_full\_data

**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?

h4b. During the last three years, has this establishment introduced any new or s (h4b)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
Invalid: 0

**Pre question**

SHOW CARD

**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?

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
Invalid: 0

**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.

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
Invalid: 0

**Literal question**



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

File: sudan\_2014\_full\_data

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

**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: 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 of paint would be research and development while market research surveys or internet surfing would not be research and development.

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
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?

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
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?

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

File: sudan\_2014\_full\_data

**Overview**

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

File: sudan\_2014\_full\_data

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

Valid cases: 103  
Invalid: 559

### Literal question

In fiscal year [insert last complete fiscal year], what was this establishment's output produced as a proportion of the maximum output possible if using all facilities available (capacity utilization)?

### Interviewer instructions

A capacity utilization estimate should be compared to a full production capacity capability.

This question only references the production facility and not the administrative offices.

Full production capacity is the maximum level of production that this establishment could reasonably expect to attain during regular working hours, and under normal and realistic operating conditions fully utilizing the machinery, equipment and employees in place.

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-133

Valid cases: 103  
Invalid: 559

### Literal question

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

### Interviewer instructions

Hours per week of operation are the hours per week in which machines and employees are engaged in some type of mechanical, physical, or chemical transformation of materials into new products or in which the assembly of components into new products takes place, including maintenance.

This question only references the production facility and not the administrative offices.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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

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

File: sudan\_2014\_full\_data

### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 662  
Invalid: 0

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

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

File: sudan\_2014\_full\_data

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

### Interviewer instructions

Application for construction permit. Self-explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 115  
Invalid: 547

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 115  
Invalid: 547

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 139  
Invalid: 523

### Literal question

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

File: sudan\_2014\_full\_data

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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 82  
Invalid: 580

### Literal question

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

### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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

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

File: sudan\_2014\_full\_data

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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?

### Interviewer instructions

Pay for security. Self-explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 241  
Invalid: 421

### 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

### Interviewer instructions

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

How much pay for security. Self-explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 2  
Invalid: 660

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

File: sudan\_2014\_full\_data

### 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

### Interviewer instructions

How much pay for security. Self-explanatory

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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?

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 68  
Invalid: 594

### 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

### Interviewer instructions

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

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

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

File: sudan\_2014\_full\_data



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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 2  
Invalid: 660

### 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

### Interviewer instructions

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

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Using the response options on the card; To what degree is Crime, Theft and Disorder 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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percentage of material inputs or services were purchased on credit - paid after delivery?

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

1) The questions refer to an establishment's ability to provide and be provided trade credit arrangements with suppliers and customers.

- a. Paid before delivery means the invoice was paid before the shipment arrived.
- b. Paid for on delivery means that the payment was made at the time the shipment arrived.
- c. Paid for after delivery means that the payment was made at some period after the shipment had arrived.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### 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?

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

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

Borrowed from banks (private and state-owned)

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### 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 which include microfinance institutions, credit cooperatives, credit unions, or finance companies.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### 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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### 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.)

## k3hdx. SPECIFY SOURCE (k3hdx)

File: sudan\_2014\_full\_data

### Overview

## k3hdx. SPECIFY SOURCE (k3hdx)

File: sudan\_2014\_full\_data

Type: Discrete  
Format: character  
Width: 21

Valid cases: 63  
Invalid: 0

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
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: sudan\_2014\_full\_data

**Overview**

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-750000

Valid cases: 134  
Invalid: 528

**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**

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: sudan\_2014\_full\_data

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -9-31000

Valid cases: 134  
Invalid: 528

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 134  
Invalid: 528

### 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?

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: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 134  
Invalid: 528

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

1) Fixed assets include any indivisible purchase made by the establishment as described in K.4. Examples include machinery/equipment, land, buildings, building improvements, etc.

The source of funds for these purchases may be diverse, so it is important for the enumerator to make sure that the various sources do add up to 100%.

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 134  
Invalid: 528

### Literal question

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 134  
Invalid: 528

### 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 which include microfinance institutions, credit cooperatives, credit unions, or finance companies

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 134  
Invalid: 528

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 134  
Invalid: 528

### Literal question

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

## k5hdJx. SPECIFY SOURCE (k5hdJx)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 13

Valid cases: 8  
Invalid: 0

### Literal question

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

### Interviewer instructions

INTERVIEWER: IF OTHER ASK RESPONDENT TO SPECIFY SOURCE

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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

## SL\_k6a. Was the current or savings account opened by a married female owner or t (SL\_k6a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 651  
Invalid: 11

### Literal question

Was the current or savings account opened by a married female owner or top manager?

## SL\_k6b. Was permission from the spouse of any married female owner or top manage (SL\_k6b)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 21  
Invalid: 641

### Literal question

Was permission from the spouse of any married female owner or top manager required to be able to open the current or savings account?

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

File: sudan\_2014\_full\_data

### Overview



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

File: sudan\_2014\_full\_data

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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).

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 30  
Invalid: 632

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 30  
Invalid: 632

### Literal question

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

### Interviewer instructions

INTERVIEWER: WRITE YEAR USING 4 DIGITS.

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-10000000

Valid cases: 30  
Invalid: 632

### Literal question

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

### Interviewer instructions

Value of the loan. Self-explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 30  
Invalid: 632

### 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: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 29  
Invalid: 633

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 29  
Invalid: 633

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 29  
Invalid: 633

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 29  
Invalid: 633

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 29  
Invalid: 633

### 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: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-10000000

Valid cases: 29  
Invalid: 633

### Literal question

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

k15b. What is the total number of outstanding loans or lines of credit held by t (k15b)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 30  
Invalid: 632

#### Literal question

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

k15c. What is the total value of outstanding loans or lines of credit held by th (k15c)

File: sudan\_2014\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-900000

Valid cases: 9  
Invalid: 653

#### Literal question

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

k15d. At this time, do you have any outstanding personal loans that are used to (k15d)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

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

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

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

File: sudan\_2014\_full\_data

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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 594  
Invalid: 68

### Pre question

SHOW CARD

### Literal question

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

## k20a. Referring only to this most recent application for a line of credit or loa (k20a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 60  
Invalid: 602

### Literal question

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 614  
Invalid: 48

### 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

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

File: sudan\_2014\_full\_data

Certification of financial statements by external auditor. Self-explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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

## SL\_j2. Over the past three years 2011-2013, did your establishment have a busine (SL\_j2)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

Over the past three years [insert last complete three financial years], did your establishment have a business dispute (e.g., dispute with employees, other firms, government, etc.) in which a third party (such as arbiters or judicial system) was involved?

SL\_j3. Referring to the business disputes, was the fast track commercial court s (SL\_j3)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 0  
Invalid: 662

SL\_j4. Referring to the business dispute filed to the fast track commercial cour (SL\_j4)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 0  
Invalid: 662

SL\_j5. For the dispute resolved through the fast track commercial court, how man (SL\_j5)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 0  
Invalid: 662

SL\_j6. Referring to the business dispute resolved through the fast track commerc (SL\_j6)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 0  
Invalid: 662

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

File: sudan\_2014\_full\_data

#### Overview



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

File: sudan\_2014\_full\_data

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

Over the last year, was this establishment visited or inspected by tax officials?

### Interviewer instructions

Visitations and inspections from tax inspectorate officials. Self-explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 626  
Invalid: 36

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 626  
Invalid: 36

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 565  
Invalid: 97

### Literal question

Over the last year, has this establishment secured or attempted to secure a government contract?

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 207  
Invalid: 455

### Literal question

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

### Interviewer instructions

- 1) Percent of the contract value. The question is designed to get at the size of the unaudited or unreported payment that is made to a government officials that directly aided in granting a government contract, in part or in whole, or expanded the size of the contract to include the establishment's business.

Again, notice the wording (phrasing) of the question: it asks for the respondent to answer for the "typical" establishment, rather than the establishment being interviewed.

- 2) Sensitive question, no clarification can be offered

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### 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

### Interviewer instructions

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

### 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

### Interviewer instructions

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

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

### Interviewer instructions

Application for import license Self-explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 433  
Invalid: 229

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 433  
Invalid: 229

### 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: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 443  
Invalid: 219

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 443  
Invalid: 219

### Literal question

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

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

File: sudan\_2014\_full\_data

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Tax rates

### Interviewer instructions

- 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Tax administration

### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Business licensing and permits

### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Using the response options on the card; To what degree is political instability 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: Corruption (j30f)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Using the response options on the card; To what degree is corruption 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: Courts (h30)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

Using the response options on the card; To what degree are courts 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

## Num. Permanent, Full-Time Employees At End Of Last Fiscal Year (I1)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-550

Valid cases: 662  
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 labour force.

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees did this establishment employ? Please include all employees and managers

### Post question

INTERVIEWER: include interviewee if applicable

### Interviewer instructions

Number of permanent, full-time employees last complete fiscal year are defined as all paid employees that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract and that work up to 8 or more hours per day.

All employees and managers (including respondent) should be counted.

## Num. Permanent, Full-Time Employees At End Of 3 Fiscal Years Ago (I2)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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 individuals worked in this establishment? 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 I1

## Num. Full-time Employees At End Of Last Fiscal Yr: production workers (I3a)

File: sudan\_2014\_full\_data

### Overview



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

File: sudan\_2014\_full\_data

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

Valid cases: 103  
Invalid: 559

### 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 employees

### Interviewer instructions

Number of permanent, full-time production employees are employees (up to the line supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Employees above the working-supervisor level are excluded from this item.

Number of permanent, full-time non-production employees are those employees not engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations. Managers and other supervisory personnel with responsibilities for the performance of shop floor supervisors and below are included. Do not include shop floor supervisors.

Employees in sales (including driver-salespersons), sales delivery (highway truck drivers and their helpers), janitorial and guard services, advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.) are included. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations utilized as a separate work force. Professional, and technical employees are included in this category.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### 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 employees [e.g., managers, administration, sales]

### Interviewer instructions

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

File: sudan\_2014\_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.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

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

### Interviewer instructions

Numbers of different types of permanent, full-time skilled production workers have some special knowledge or (usually acquired) ability in their work. A skilled worker may have attended a college, university or technical school or, may have learned their skills on the job.

Unskilled production worker are unskilled in that it is not required that they have special training, education, or skill to perform their job.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Pre question

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

File: sudan\_2014\_full\_data

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.

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 102  
Invalid: 560

### Literal question

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

### Interviewer instructions

Self explanatory

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Literal question

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

### Interviewer instructions

Self explanatory

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

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 559  
Invalid: 103

#### 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: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

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

#### Post question

(Full-time, temporary workers are all paid short-term (i.e. for less than a fiscal year) employees with no guarantee of renewal of contract employment and that work full-time)

#### 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.

## 16a. How many full-time seasonal or temporary employees employed throughout fisc (16a)

### File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 80  
Invalid: 582

#### Literal question

How many full-time temporary employees employed throughout fiscal year [insert last complete fiscal year], were females?

## Avg. Length Of Employment Of All Full-time Temporary Employees In Last Fiscal Yr (18)

### File: sudan\_2014\_full\_data

#### Overview

## Avg. Length Of Employment Of All Full-time Temporary Employees In Last Fiscal Yr (l8)

File: sudan\_2014\_full\_data

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

Valid cases: 80  
Invalid: 582

### 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Literal question

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

## l9a2. Average number of years of education of typical female production worker (l9a2)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Literal question

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

### Interviewer instructions

(INTERVIEWER: Full secondary education corresponds to 10 years, higher education to 15 years. EDUCATION IN YEARS= NUMBER OF YEARS AT SCHOOL + NUMBER OF YEARS OF PROFESSIONAL EDUCATION, INCLUDING HIGHER EDUCATION. FOR EXAMPLE, SECONDARY (FULL) GENERAL EDUCATION = 10 YEARS, HIGHER = 15 YEARS. IF THE ANSWER IS LESS THAN 6, PLEASE DO ASK AGAIN.)

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

File: sudan\_2014\_full\_data

### Overview

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

File: sudan\_2014\_full\_data

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

Valid cases: 662  
Invalid: 0

### Literal question

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

## SL\_19c. Is there any work-related activity in this establishment that female emp (SL\_19c)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

## SL\_19d. Does this establishment have night shifts? (SL\_19d)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

## SL\_19e. Are female employees allowed to work on these night shifts? (SL\_19e)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 90  
Invalid: 572

## SL\_19f. Are female permanent full-time employees working in this establishment e (SL\_19f)

File: sudan\_2014\_full\_data

### Overview

SL\_19f. Are female permanent full-time employees working in this establishment e (SL\_19f)

File: sudan\_2014\_full\_data

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

Valid cases: 662  
Invalid: 0

SL\_19g. Over the last two years, how many female full-time female employees were (SL\_19g)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 187  
Invalid: 475

SL\_19h. Out of those eligible how many female full-time permanent employees made (SL\_19h)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 155  
Invalid: 507

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 662  
Invalid: 0

#### Literal question

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

#### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 17  
Invalid: 645

### Literal question

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

### Interviewer instructions

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

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 17  
Invalid: 645

### Literal question

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

### Interviewer instructions

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

## SL\_l11a. Referring to the training programs run over financial year 2013, how many (SL\_l11a)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form?  
Training in vocational and technical training institutions



## SL\_l11b. Referring to the training programs run over financial year 2013, how many employees of this establishment received training in the following form?

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form?  
Formal training in other institutions

## SL\_l11c. Referring to the training programs run over financial year 2013, how many employees of this establishment received training in the following form?

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form?  
Training in some other enterprises outside [COUNTRY]

## SL\_l11d. Referring to the training programs run over financial year 2013, how many employees of this establishment received training in the following form?

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form?  
Training in some other enterprises in [COUNTRY]

## SL\_l11e. Referring to the training programs run over financial year 2013, how many employees of this establishment received training in the following form?

File: sudan\_2014\_full\_data

### Overview

## SL\_l11e. Referring to the training programs run over financial year 2013, how ma (SL\_l11e)

File: sudan\_2014\_full\_data

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form?  
Apprenticeship in other enterprises

## SL\_l11f. Referring to the training programs run over financial year 2013, how ma (SL\_l11f)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form?  
Apprenticeship in this establishment

## SL\_l11g. Referring to the training programs run over financial year 2013, how ma (SL\_l11g)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], how many employees of this establishment received training in the following form?  
Other

## SL\_l12a. Referring to the training programs run over financial year 2013, what w (SL\_l12a)

File: sudan\_2014\_full\_data

### Overview

## SL\_l12a. Referring to the training programs run over financial year 2013, what was the total cost? (SL\_l12a)

File: sudan\_2014\_full\_data

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-3000000

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], what was the total cost? Paid by the establishment

### Interviewer instructions

INTERVIEWER: READ OUT BOTH OPTIONS

## SL\_l12b. Referring to the training programs run over financial year 2013, what was the total cost? (SL\_l12b)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 66  
Invalid: 596

### Literal question

Referring to the training programs run over financial year [insert last complete financial year], what was the total cost? Paid by the government

### Interviewer instructions

INTERVIEWER: READ OUT BOTH OPTIONS

## SL\_l13. At the moment, does this establishment have vacancies requiring medium to high level of skills? (SL\_l13)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

At the moment, does this establishment have vacancies requiring medium to high level of skills?

## SL\_l14. Over the last two financial years, did this establishment interrupt operation? (SL\_l14)

File: sudan\_2014\_full\_data

### Overview

## SL\_l14. Over the last two financial years, did this establishment interrupt oper (SL\_l14)

File: sudan\_2014\_full\_data

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

Valid cases: 662  
Invalid: 0

### Literal question

Over the last two financial years, did this establishment interrupt operations because of workers' strike?

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: The next set of questions is designed to get a general picture of your opinion about the business environment that affects your operations.  
2) SHOW CARD (DO NOT READ OUT)

### 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: ONE ANSWER ONLY

## Rotation Order (m1d)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment?  
Rotation (option 1, 2 or 3)

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

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-3000000

Valid cases: 661  
Invalid: 1

### 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.

### Literal question

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

File: sudan\_2014\_full\_data

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: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-2500000

Valid cases: 103  
Invalid: 559

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### 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: sudan\_2014\_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: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-4000000

Valid cases: 662  
Invalid: 0

### 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

n2ra. For financial year 2013, please provide the following information about th (n2ra)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 103  
Invalid: 559

#### Literal question

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

Total rental (or depreciation) cost of machinery, vehicles and equipment

nr2b. For financial year 2013, please provide the following information about th (n2rb)

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 103  
Invalid: 559

#### 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 buildings

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

File: sudan\_2014\_full\_data

#### Overview

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

Valid cases: 133  
Invalid: 529

#### 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: sudan\_2014\_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: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -9-10000

Valid cases: 103  
Invalid: 559

### 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: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-3500000

Valid cases: 103  
Invalid: 559

### Literal question

From this establishment's Balance Sheet for 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: sudan\_2014\_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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### Literal question

From this establishment's Balance Sheet for 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### 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?

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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 103  
Invalid: 559

### 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.

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

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-55

Valid cases: 662  
Invalid: 0  
Minimum: 1  
Maximum: 55

## a15a3. Main respondents gender (a15a3)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

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

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 0  
Invalid: 662

## a15b3. Second respondents gender (a15b3)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 0  
 Invalid: 662

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 0  
 Invalid: 662

## a15c3. Third respondents gender (a15c3)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 0  
 Invalid: 662

## Day (a15d)

File: sudan\_2014\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-30

Valid cases: 662  
 Invalid: 0  
 Minimum: 1  
 Maximum: 30

**Literal question**

Time face-to-face interview ends

## Month (a15m)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
 Invalid: 0

**Literal question**

Time face-to-face interview ends

## Year (a15y)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
 Invalid: 0

**Literal question**

Time face-to-face interview ends

## Hour (a15h)

File: sudan\_2014\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 2-19

Valid cases: 662  
 Invalid: 0

**Literal question**

Time face-to-face interview ends

## Minutes (a15min)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
 Invalid: 0  
 Minimum: 0  
 Maximum: 59

**Literal question**

Time face-to-face interview ends

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

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 662  
 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: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Literal question

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

## This Questionnaire Was Completed In: (a18)

File: sudan\_2014\_full\_data

### Overview

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

Valid cases: 662  
Invalid: 0

### Pre question

SUPERVISORS PLEASE ANSWER

### Literal question

This questionnaire was completed in:

## If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours (a19h)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 10-11

Valid cases: 3  
Invalid: 659

### Pre question

- 1) SUPERVISORS PLEASE ANSWER
- 2) If option 2 or 3 in A.18, estimate duration of the whole interview

## If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes (a19m)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-30

Valid cases: 3  
Invalid: 659  
Minimum: 0  
Maximum: 30

### Pre question

## If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes (a19m)

File: sudan\_2014\_full\_data

1) SUPERVISORS PLEASE ANSWER

2) If option 2 or 3 in A.18, estimate duration of the whole interview

## Weight according to strict eligibility (wstrict)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous

Format: numeric

Width: 16

Decimals: 0

Range: 1-5.22134065628052

Valid cases: 662

Invalid: 0

Minimum: 1

Maximum: 5.2

## Weight according to median eligibility (wmedian)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous

Format: numeric

Width: 16

Decimals: 0

Range: 1-15.2026872634888

Valid cases: 662

Invalid: 0

Minimum: 1

Maximum: 15.2

## Weight according to weak eligibility (wweak)

File: sudan\_2014\_full\_data

### Overview

Type: Continuous

Format: numeric

Width: 16

Decimals: 0

Range: 2.79065656661987-62.0831604003906

Valid cases: 662

Invalid: 0

Minimum: 2.8

Maximum: 62.1

## Industry Sampling Sector (a4a)

File: sudan\_2014\_full\_data

### Overview

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 1-4

Valid cases: 662

Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

group(region a4a size) (strata)

File: sudan\_2014\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-41

Valid cases: 662  
 Invalid: 0  
 Minimum: 1  
 Maximum: 41

(c8a)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 620  
 Invalid: 42  
 Minimum: -9  
 Maximum: 40

**Literal question**

How long did these power outages last on average? Hours

(c8b)

File: sudan\_2014\_full\_data

**Overview**

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

Valid cases: 620  
 Invalid: 42  
 Minimum: -9  
 Maximum: 59

**Literal question**

How long did these power outages last on average? Minutes

(c8)

File: sudan\_2014\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-40

Valid cases: 619  
 Invalid: 43  
 Minimum: 0  
 Maximum: 40



# Related Materials

## Questionnaires

### Manufacturing Module Questionnaire

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Title        Manufacturing Module Questionnaire  
 Language English  
 Filename ES\_Manufacturing\_Sudan\_FINAL\_vs\_March2014.pdf

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### Services Module Questionnaire

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Title        Services Module Questionnaire  
 Language English  
 Filename ES\_Services\_Sudan\_FINAL\_vs\_March2014.pdf

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## Reports

### Sudan Country Profile 2014

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Title        Sudan Country Profile 2014  
 Language English  
 Filename <http://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Sudan-2014.pdf>

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## Technical documents

### Description of Sudan ES 2014 Implementation

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Title        Description of Sudan ES 2014 Implementation  
 Language English  
 Filename sudan\_2014\_implementation\_report.pdf

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### Questionnaire Manual

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Title        Questionnaire Manual  
 Language English  
 Filename QuestionnaireManual2011.pdf

---

### Sampling Methodology

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Title        Sampling Methodology  
 Language English  
 Filename Sampling\_Note.pdf

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### ISIC Revision 3.1 Codes

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Title ISIC Revision 3.1 Codes

Language English

Filename ISIC\_Rev\_3\_1\_english\_structure.xls

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