

# Chad - Enterprise Survey 2009-2018 Panel Data

**The World Bank**

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# Sampling

## Sampling Procedure

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The samples for 2009 and 2018 Chad Enterprise Surveys were selected using stratified random sampling, following the methodology explained in the [Sampling Note](#).

Two levels of stratification were used in the Chad 2009 ES sample: firm sector and firm size. The Industry stratification was designed as follows: the universe was stratified into manufacturing and services industries. The initial sample design had a target of 75 interviews in manufacturing and 75 interviews in services.

In 2018 Chad ES, three levels of stratification were used: industry, establishment size, and region. The industry stratification was designed in the way that follows: the universe was stratified as into manufacturing and services industries- Manufacturing (ISIC Rev. 3.1 codes 15 - 37), and Services (ISIC codes 45, 50-52, 55, 60-64, and 72). Regional stratification did not take place for the Chad ES.

# Questionnaires

## Overview

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Two questionnaires - Manufacturing and Services were used to collect the survey data.

The Questionnaires have common questions (core module) and respectfully additional manufacturing- and services-specific questions. The eligible manufacturing industries have been surveyed using the Manufacturing questionnaire (includes the core module, plus manufacturing specific questions). Retail firms have been interviewed using the Services questionnaire (includes the core module plus retail specific questions) and the residual eligible services have been covered using the Services questionnaire (includes the core module).

# Data Collection

## Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2009-06	2009-09	2009 survey
2018-02	2018-04	2018 survey

## Data Collection Mode

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Face-to-face [f2f]

### **DATA COLLECTION NOTES**

The surveys were implemented following a 2-stage procedure. Typically, first a screener questionnaire was applied over the phone to determine eligibility and to make appointments. Then a face-to-face interview took place with the Manager/Owner/Director of each establishment. However, sometimes the phone numbers were unavailable in the sample frame, and thus the enumerators applied the screeners in person.

# Data Processing

No content available

# Data Appraisal

No content available

# File Description

# Variable List

**Chad\_2009\_2018**

Content	Firm level 2009 and 2018 panel data
Cases	303
Variable(s)	393
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V1	idstd	WEB STD FIRMID	contin	numeric	
V2	panelid	ID that is the same across the waves for panel firms	discrete	numeric	
V3	year	Year of survey	discrete	numeric	
V4	panel	Panel: Firm interviewed in these years	discrete	numeric	
V5	eligibility2018	Eligibility of 2009 firm in 2018	discrete	character	
V6	a4a	Industry Sampling Sector	discrete	numeric	Sampling Information - Sampling sector
V7	a6a	Sampling Size	discrete	numeric	Sampling Information - Sampling size
V8	a2	Sampling Region	discrete	numeric	Sampling Information - Sampling location
V9	a3b	Official Capital City?	discrete	numeric	Is this city the official capital city?
V10	a3c	Main Business City?	discrete	numeric	Is this city the main business city?
V11	a3	Size Of Locality	discrete	numeric	Size of locality
V12	a13	Supervisor Number	discrete	numeric	Supervisor code
V13	a4b	Industry Screener Sector	discrete	numeric	Industry - Screener sector
V14	a0	Questionnaire	discrete	numeric	Questionnaire
V15	a3a	Region Of The Establishment	discrete	numeric	Screener Region
V16	a6b	Screener Size	discrete	numeric	Screener Size
V17	a14d	Day	contin	numeric	Time face-to-face interview begins: Day
V18	a14m	Month	contin	numeric	Time face-to-face interview begins: Month
V19	a14y	Year	contin	numeric	Time face-to-face interview begins: Year
V20	a14h	Hour	contin	numeric	Time face-to-face interview begins: Hour
V21	a14min	Minutes	contin	numeric	Time face-to-face interview begins: Minutes
V22	a12	Interviewer Number	contin	numeric	Interviewer code
V23	a1	Country Code	discrete	numeric	Country code
V24	a1a	Language Of The Interview	discrete	numeric	Language

ID	Name	Label	Type	Format	Question
V25	a7	Establishment Is Part Of A Large Firm	discrete	numeric	Is this establishment part of a larger firm? (larger firms include several distinct locations or establishments, including branch offices or production, distribution, or sales sites)
V26	a7a	Number Of Establishments In The Firm	discrete	numeric	How many establishments are part of the firm? Number of establishments
V27	a11	If Hq, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	Are the financial statements of the headquarters location separate from the rest of the other establishments?
V28	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	discrete	numeric	Are this establishment's financial statements prepared separately from headquarters' statements?
V29	b1	Legal Status Of The Firm	discrete	numeric	What is this firm's current legal status?
V30	b1x	Other (SpeciFY)	discrete	character	What is this firm's current legal status? Other specify
V31	b3	What Percentage Of This Firm Does The Largest Owner(S) Own?	contin	numeric	What percentage of this firm does the largest owner or owners own? Percentage held by largest owner or owners
V32	b2a	% Owned By Private Domestic Individuals, Companies Or Organizations	contin	numeric	What percentage of this firm is owned by each of the following: Private domestic individuals, companies or organizations
V33	b2b	% Owned By Private Foreign Individuals, Companies Or Organizations	contin	numeric	What percentage of this firm is owned by each of the following: Private foreign individuals, companies or organizations
V34	b2c	% Owned By Government/State	contin	numeric	What percentage of this firm is owned by each of the following: Government or State
V35	b2d	% Owned By Other	contin	numeric	What percentage of this firm is owned by each of the following: Other
V36	b5	Year Establishment Began Operations	contin	numeric	In what year did this establishment begin operations? Year establishment began operations
V37	b6	Number Of Full-Time Employees Of The Establishment When It Started Operations	contin	numeric	How many full-time employees did this establishment employ when it started operations? Please include all employees and managers - Full-time employees at start-up
V38	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V39	b6b	In What Year Was This Establishment Formally Registered?	contin	numeric	In what year was this establishment formally registered? Year establishment formally registered
V40	b7	How Many Years Of Experience Working In This Sector Does The Top Manager Have?	contin	numeric	How many years of experience working in this sector does the Top Manager have? Manger's experience in sector
V41	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V42	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V43	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?

ID	Name	Label	Type	Format	Question
V44	c4	How Many Days Did It Take For You To Receive An Electrical Connection Service?	contin	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? Wait for electrical connection
V45	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?
V46	c6	Over Last FY, Did This Establishment Experience Power Outages?	discrete	numeric	Over fiscal year 2009 and 2017, did this establishment experience power outages?
V47	c7	Number Of Power Outages Experienced In A Typical Month In Last Fiscal Year	contin	numeric	In a typical month, over fiscal years 2009 and 2017, how many power outages did this establishment experience?
V48	c8a	Average Duration Of Power Outages {Hours; Minutes}	contin	numeric	How long did these power outages last on average? Average duration of power outages - Hours
V49	c8b	How Long Did These Power Outages Last On Average?	discrete	numeric	How long did these power outages last on average? Average duration of power outages - Minutes
V50	c9a	In Last FY, Losses As % Of Annual Sales Due To Power Outages	contin	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 percentage of total annual sales due to power outages
V51	c9b	In Last FY, Value Of Losses Due To Power Outages	contin	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
V52	c10	Generator Shared Or Owned Over The Course Of Last Fiscal Year?	discrete	numeric	Over the course of fiscal years 2009 and 2017, did this establishment own or share a generator?
V53	c11	% Electricity From Generator Owned/Shared By The Establishment In Last Fiscal Yr	contin	numeric	In fiscal years 2009 and 2017, what percentage of this establishment's electricity came from a generator or generators that the establishment owned or shared? Percentage electricity from generators
V54	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?
V55	c13	How Many Days Did It Take For You To Obtain A Water Connection?	contin	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? Wait for water connection
V56	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?
V57	c15	Did You Experience Insufficient Water Supply For Production In Last Fiscal Yr?	discrete	numeric	Over fiscal years 2009 and 2017, did this establishment experience insufficient water supply for production? Number of incidents of water insufficiency in a typical month

ID	Name	Label	Type	Format	Question
V58	c16	Frequency Of Incidents Of Water Shortages In A Typical Month In Last Fiscal Yr	contin	numeric	In a typical month, over fiscal years 2009 and 2017, how many incidents of insufficient water supply did this establishment experience?
V59	c17	Average Length Of Water Shortages (Affecting Production) In Last Fiscal Year	contin	numeric	How long did these incidents of insufficient water supply last on average? - Average duration of insufficient water supply
V60	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?
V61	c22b	Establishment Has Its Own Website	discrete	numeric	At the present time, does this establishment have its own website?
V62	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?
V63	d1a1x	Main Product/Service (By The Largest % Of Annual Sales) In Last Fiscal Year	discrete	character	Detailed description of main activity and product
V64	d1a2	Main Product/Service ISIC (Rev. 3.1) Code	contin	numeric	Please choose the 4-digit ISIC REV.3.1 code that best applies to the establishment's main activity and product. Code of the main product and activity
V65	d1a3	Main Product/Service: Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main activity or product represent? Percentage of sales represented by main product or activity
V66	d2	In Last Fiscal Year, What Were This Establishment's Total Annual Sales?	contin	numeric	In fiscal years 2009 and 2017, what were this establishment's total annual sales for ALL products and services? - Last complete fiscal year's total sales
V67	n3	What Were The Establishment Sales 3 Years Ago	contin	numeric	Looking back at the end of fiscal year 2015 what were total annual sales for this establishment? Total annual sales three years ago
V68	d3a	% Of Sales: National Sales	contin	numeric	Coming back to fiscal years 2009 and 2017, what percentage of this establishment's sales were: - National sales
V69	d3b	% O Sales: Indirect Exports	contin	numeric	Coming back to fiscal years 2009 and 2017, what percentage of this establishment's sales were: - Indirect exports (sold domestically to third party that exports products)
V70	d3c	% Of Sales: Direct Exports	contin	numeric	Coming back to fiscal years 2009 and 2017, what percentage of this establishment's sales were: - Direct exports
V71	d4	In Last FY, Avg. Num. Of Days For Exported Goods To Clear Customs?	contin	numeric	In fiscal years 2009 and 2017, 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? - Average number of days to clear customs

ID	Name	Label	Type	Format	Question
V72	d6	In Last FY, Export Losses Due To Theft As % Of Value Of Products	contin	numeric	In fiscal years 2009 and 2017, what percentage of the value of the products exported directly was lost while in transit because of theft? - Losses due to theft as percentage of the value of the products
V73	d7	In Last FY, Export Losses Due To Breakage Or Spoilage As % Of Value Of Products	contin	numeric	In fiscal years 2009 and 2017, what percentage of the value of the products exported directly was lost while in transit because of breakage or spoilage? - Losses due to breakage or spoilage as percentage of the value of the products
V74	d8	In What Year Did This Establishment First Export Directly Or Indirectly?	contin	numeric	In which year did this establishment first export directly or indirectly? - Began exporting directly or indirectly
V75	d12a	% Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year	contin	numeric	In fiscal years 2009 and 2017, 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
V76	d12b	% Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year	contin	numeric	In fiscal years 2009 and 2017, 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
V77	d13	Were Any Of These Material Inputs And Supplies Imported Directly?	discrete	numeric	Were any of the material inputs or supplies purchased in fiscal years 2009 and 2017, imported directly?
V78	d14	Avg. Num. Of Days For Imported Goods To Clear Customs In Last Fiscal Year	contin	numeric	In fiscal years 2009 and 2017, when this establishment imported material inputs or supplies, how many days did it take on average from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs? Average number of days to clear customs
V79	d30a	How Much Of An Obstacle: Transport?	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Transport
V80	d30b	How Much Of An Obstacle: Customs And Trade Regulations?	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Customs and trade regulations
V81	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?
V82	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V83	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? Practices of competitors in the informal sector

ID	Name	Label	Type	Format	Question
V84	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a construction-related permit?
V85	g3	How Many Days Did It Take For You To Obtain A Construction-Related Permit?	contin	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? Wait for a construction-related permit
V86	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?
V87	g30a	How Much Of An Obstacle: Access To Land?	discrete	numeric	Using the response options on the card; To what degree is Access to Land an obstacle to the current operations of this establishment? Access to land
V88	i1	In Last FY, Did This Establishment Pay For Security?	discrete	numeric	In fiscal years 2009 and 2017, did this establishment pay for security, for example equipment, personnel, or professional security services including internet security?
V89	i2a	Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year	contin	numeric	In fiscal years 2009 and 2017, what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Percentage of total annual sales for security
V90	i2b	In Last Fiscal Year, What Is The Total Annual Cost Of Security?	contin	numeric	In fiscal years 2009 and 2017, what percentage 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
V91	i3	Losses Due To Theft, Robbery, Vandalism Or Arson Experienced In Last Fiscal Year	discrete	numeric	In fiscal years 2009 and 2017, did this establishment experience losses as a result of theft, robbery, vandalism, arson on this establishment's premises or from internet hacking or internet fraudulent transactions?
V92	i4a	Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (% Of Sales)	contin	numeric	In fiscal years 2009 and 2017, what were the estimated losses as a result of theft, robbery, vandalism, arson or internet hacking that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales
V93	i4b	Value Of Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr	contin	numeric	In fiscal years 2009 and 2017, what were the estimated losses as a result of theft, robbery, vandalism, arson or internet hacking 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
V94	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?

ID	Name	Label	Type	Format	Question
V95	k1c	In Last FY, % Of Material Inputs Or Services Paid For After Delivery	contin	numeric	In fiscal years 2009 and 2017, what percentage, as a proportion of the value of total annual purchases of material inputs or services was purchased on credit?
V96	k2c	In Last FY, % Of Total Annual Sales Paid For After Delivery	contin	numeric	In fiscal years 2009 and 2017, what percentage of this establishment's total annual sales of its goods or services was sold on credit?
V97	k3a	% Of Working Capital Financed From Internal Funds/Retained Earnings	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Internal funds or retained earnings
V98	k3bc	% Of Working Capital Borrowed From Banks	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Borrowed from banks: private and state-owned
V99	k3e	% Of Working Capital Borrowed From Non-Bank Financial Institutions	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies
V100	k3f	% Of Working Capital Purchased On Credit/Advances From Suppliers /Customers	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Purchases on credit from suppliers and advances from customers
V101	k3hd	% Of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Other, moneylenders, friends, relatives, etc.
V102	k4	Did This Establishment Purchase Any Fixed Assets In Last Fiscal Yr?	discrete	numeric	In fiscal years 2009 and 2017, did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?
V103	n5a	Total Annual Expenditure For Purchases Of Equipment In Last Fiscal Yr	contin	numeric	In fiscal years 2009 and 2017, how much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment
V104	n5b	Total Annual Expenditure For Purchases Of Land And Buildings In Last Fiscal Yr	contin	numeric	In fiscal years 2009 and 2017, how much did this establishment spend on purchases of: Land and buildings, including expansion and renovations of existing structures?

ID	Name	Label	Type	Format	Question
V105	k5a	Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent - Internal funds or retained earnings
V106	k5i	Last FY, % Fixed Assets Funded By: Owners' Contributions Or Issued New Equity	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent - Owners' contribution or issued new equity shares
V107	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent - Borrowed from banks: private and state-owned
V108	k5e	Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent - Borrowed from non-bank financial institutions
V109	k5f	Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent - Purchases on credit from suppliers and advances from customers
V110	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	contin	numeric	
V111	k6	Does This Establishment Have A Checking And\Or Saving Account?	discrete	numeric	Now let's talk about the establishment's present situation. At this time, does this establishment have a checking (current) or savings account?
V112	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V113	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?
V114	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?
V115	k10	Year When The Most Recent Loan/Line Of Credit Approved	contin	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? Year most recent line of credit or loan approved
V116	k11	For The Most Recent Loan, What Was The Value At The Time Of Approval?	contin	numeric	Referring only to this most recent line of credit or loan, what was its value at the time of approval? Size of most recent line of credit or loan approved

ID	Name	Label	Type	Format	Question
V117	k13	Financing Required For The Most Recent Line Of Credit Or Loan	discrete	numeric	Referring only to this most recent line of credit or loan, did the financing require collateral?
V118	k14a	Type Of Collateral Required For The Most Recent Loan? Land, Buildings	discrete	numeric	Referring only to this most recent line of credit or loan, what type of collateral was required? - Land, buildings under ownership of the establishment
V119	k14b	Type Of Collateral Required For The Most Recent Loan? Equipment	discrete	numeric	Referring only to this most recent line of credit or loan, what type of collateral was required? - Machinery and equipment including movables
V120	k14c	Type Of Collateral Required For The Most Recent Loan? Accounts	discrete	numeric	Referring only to this most recent line of credit or loan, what type of collateral was required? - Accounts receivable and inventories
V121	k14d	Type Of Collateral Required For The Most Recent Loan? Personal Assets	discrete	numeric	Referring only to this most recent line of credit or loan, what type of collateral was required? - Personal assets of owner (house, etc.)
V122	k14e	Type Of Collateral Required For The Most Recent Loan? Other	discrete	numeric	Referring only to this most recent line of credit or loan, what type of collateral was required? - Other forms of collateral not included in the categories above
V123	k15a	Value Of Collateral Required For The Most Recent Credit/Loan	contin	numeric	Referring only to this most recent line of credit or loan, what was the approximate value of the collateral required?
V124	k16	In Last Fiscal Yr, Did Establishment Apply For New Loans/Lines Of Credit?	discrete	numeric	Referring again to the last fiscal years 2009 and 2017, did this establishment apply for any lines of credit or loans?
V125	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?
V126	k21	Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr?	discrete	numeric	In fiscal years 2009 and 2017, did this establishment have its annual financial statements checked and certified by an external auditor?
V127	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? Access to finance
V128	h7a	The Court System Is Fair, Impartial And Uncorrupted	discrete	numeric	Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree with the statement: "The court system is fair, impartial and uncorrupted".
V129	j2	What % Of Senior Management Time Was Spent In Dealing With Govt Regulations?	contin	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 or sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms)

ID	Name	Label	Type	Format	Question
V130	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 or required to meet with them?
V131	j4	Frequency Of Inspections/Requirement For Meeting By Tax Officials	contin	numeric	Over the last year, how many times was this establishment visited or inspected by tax officials or required to meet with them?
V132	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?
V133	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?
V134	j6	% Of Contract Value Avg. Firm Pays In Informal Gifts To Govt To Secure Contract?	contin	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?
V135	j7a	Percent Of Total Annual Sales Paid In Informal Payments	contin	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 percentage 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
V136	j7b	Total Annual Informal Payment	contin	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 percentage 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? LCUs
V137	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?
V138	j11	How Many Days Did It Take To Obtain Your Import License?	contin	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?
V139	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?
V140	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?
V141	j14	How Many Days Did It Take To Obtain Your Operating License?	contin	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?
V142	j15	When You Applied For Operating License Was An Informal Gift/Payment Requested?	discrete	numeric	In reference to that application for an operating license, was an informal gift or payment expected or requested?

ID	Name	Label	Type	Format	Question
V143	j30a	How Much Of An Obstacle: Tax Rates	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Tax rates
V144	j30b	How Much Of An Obstacle: Tax Administrations	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Tax administration
V145	j30c	How Much Of An Obstacle: Business Licensing And Permits	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Business licensing and permits
V146	j30e	How Much Of An Obstacle: Political Instability	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Political instability
V147	j30f	How Much Of An Obstacle: Corruption	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Corruption
V148	h30	How Much Of An Obstacle: Courts	discrete	numeric	Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment? - Courts
V149	l1	Num. Permanent, Full-Time Employees At End Of Last Fiscal Year	contin	numeric	At the end of fiscal year 2017, how many permanent, full-time individuals worked in this establishment? Please include all employees and managers
V150	l2	Num. Permanent, Full-Time Employees At End Of 3 Fiscal Years Ago	contin	numeric	Looking back, at the end of fiscal year 2015, how many permanent, full-time individuals worked in this establishment? Please include all employees and managers
V151	l5	Num. Full-Time Employees At End Of Last Fiscal Yr: Female	contin	numeric	Coming back to fiscal years 2009 and 2017, how many permanent full-time individuals that worked in this establishment were female?
V152	l6	Num. Full-Time Temporary Employees At End Of Last Fiscal Yr	contin	numeric	How many full-time seasonal or temporary employees did this establishment employ during 2009 and 2017?
V153	l8	Avg. Length Of Employment Of All Full-Time Temporary Employees In Last Fiscal Yr	contin	numeric	What was the average length of employment of all full-time temporary employees in fiscal years 2009 and 2017?
V154	l10	Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr	discrete	numeric	Over fiscal years 2009 and 2017, did this establishment have formal training programs for its permanent, full-time employees?
V155	l30a	How Much Of An Obstacle: Labor Regulations?	discrete	numeric	Using the response options on the card; To what degree are Labor Regulations an obstacle to the current operations of this establishment? Labor regulations
V156	l30b	How Much Of An Obstacle: Inadequately Educated Workforce?	discrete	numeric	Using the response options on the card; To what degree is an Inadequately Educated Workforce an obstacle to the current operations of this establishment? Inadequately educated workforce

ID	Name	Label	Type	Format	Question
V157	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
V158	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	contin	numeric	From this establishment's Income Statement for fiscal years 2009 and 2017, please provide the following information: Total annual cost of labor including wages, salaries, bonuses, social security payments
V159	n2e	Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	contin	numeric	From this establishment's Income Statement for fiscal years 2009 and 2017, please provide the following information: Total annual cost of raw materials and intermediate goods used in production
V160	n2b	Total Annual Costs Of Electricity In Last Fiscal Year	contin	numeric	From this establishment's Income Statement for fiscal years 2009 and 2017, please provide the following information: Total annual cost of electricity
V161	n7a	Cost For Establishment To Re-Purchase All Of Its Machinery	contin	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?
V162	a15a1ax	Main Respondent Position In The Firm	discrete	character	Please complete the following information about the interviewee(s): Main respondent, position in the firm
V163	a15a2a	Main Respondent Years Working In The Firm:	contin	numeric	Please complete the following information about the interviewee(s): Main respondent, year with the firm
V164	a15a3	Main Respondent's Gender	discrete	numeric	Please complete the following information about the interviewee(s): Main respondent, gender
V165	a15a1bx	Second Respondent Position In The Firm	discrete	character	Please complete the following information about the interviewee(s): Second respondent, position in the firm
V166	a15a2b	Second Respondent Years Working In The Firm:	contin	numeric	Please complete the following information about the interviewee(s): Second respondent, year with the firm
V167	a15b3	Second Respondent's Gender	discrete	numeric	Please complete the following information about the interviewee(s): Second respondent, gender
V168	a15a1cx	Third Respondent Position In The Firm	discrete	character	Please complete the following information about the interviewee(s): Third respondent, position in the firm
V169	a15a2c	Third Respondent Years Working In The Firm:	contin	numeric	Please complete the following information about the interviewee(s): Third respondent, year with the firm
V170	a15c3	Third Respondent's Gender	discrete	numeric	Please complete the following information about the interviewee(s): Third respondent, gender
V171	a15d	Day	contin	numeric	Time face-to-face interview ends: Day
V172	a15m	Month	contin	numeric	Time face-to-face interview ends: Month

ID	Name	Label	Type	Format	Question
V173	a15y	Year	contin	numeric	Time face-to-face interview ends: Year
V174	a15h	Hour	contin	numeric	Time face-to-face interview ends: Hour
V175	a15min	Minutes	contin	numeric	Time face-to-face interview ends: Minutes
V176	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:
V177	a17	Responses To The Questions About Figures Are€	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V178	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V179	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	contin	numeric	Estimate duration of the whole interview - hours
V180	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	contin	numeric	Estimate duration of the whole interview - minutes
V181	wstrict	Weight according to strict eligibility	contin	numeric	
V182	wmedian	Weight according to median eligibility	contin	numeric	
V183	wweak	Weight according to weak eligibility	contin	numeric	
V184	strata	see notes	discrete	numeric	
V185	a7b	Is This Establishment The Headquarters Location?	discrete	numeric	Is this establishment the headquarters location?
V186	a7c	Does This Headquarters Location Engage In Production Or Sales At This Location?	discrete	numeric	Does this headquarters location engage in production or sales at this location?
V187	b4	Amongst The Owners Of The Firm, Are There Any Females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V188	b4a	% Of The Firm Owned By Females	contin	numeric	What percentage of the firm is owned by females? Percentage of female ownership
V189	b8x	SpeciFY The Internationally-Recognized Quality Certifications	discrete	character	Please specify the internationally-recognized quality certifications
V190	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?
V191	d1a1a	Establishment'S Main Product/Service Last Fiscal Yr	discrete	numeric	In fiscal years 2009 and 2017, what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales?
V192	d2x	Please Also Write Out The Number	discrete	character	In fiscal years 2009 and 2017, what were this establishment's total annual sales for ALL products and services? - Please also write out the number (i.e 50,000 as Fifty thousand)
V193	d5a	In Clearing Exports Through Customs, Informal Gift/Payment Expected Or Requested?	discrete	numeric	In reference to when this establishment exported goods directly, in clearing these goods through customs was an informal gift or payment expected or requested?

ID	Name	Label	Type	Format	Question
V194	d10	In Last FY, % Of Value Of Products Lost In Transit Due To Theft	contin	numeric	In fiscal years 2009 and 2017, what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft? - Losses due to theft as percentage of the value of the product
V195	d11	In Last FY, % Of Value Of Products Lost In Transit Due To Breakage Or Spoilage?	contin	numeric	In fiscal years 2009 and 2017, what percentage of value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage? - Losses due to breakage or spoilage as percentage of the value of the products
V196	d15a	In Clearing Imports Through Customs, Informal Gift/Payment Expected Or Requested?	discrete	numeric	In reference to when this establishment imported material inputs or supplies, in claiming these goods from customs was an informal gift or payment expected or requested?
V197	TRd1a	Percent of this establishment's direct export revenue was from CEDEAO	contin	numeric	In fiscal years 2009 and 2017, what percent of this establishment's direct export revenue was from the following countries/areas: CEDEAO
V198	TRd1b	Percent of this establishment's direct export revenue was from EU	contin	numeric	In fiscal years 2009 and 2017, what percent of this establishment's direct export revenue was from the following countries/areas: European Union
V199	TRd1c	Percent of this establishment's direct export revenue was from other countries	contin	numeric	In fiscal years 2009 and 2017, what percent of this establishment's direct export revenue was from the following countries/areas: Rest of other countries
V200	TRd1dx1	What is the largest country destination of exports?	discrete	character	Of all countries, which are the top two largest destinations for direct exports in terms of export revenues? Largest country destination of exports
V201	TRd2dx2	What is the second largest country destination of exports?	discrete	character	Of all countries, which are the top two largest destinations for direct exports in terms of export revenues? Second largest country destination of exports
V202	TRd2	When did it first started exporting?	contin	numeric	Referring to this establishment's main partner market for direct export in fiscal year 2017, when did this establishment first exported directly to this market? Year establishment first exported directly to the main partner
V203	TRd3	Were direct export to the main market finished goods for sale to final consumers	discrete	numeric	In fiscal years 2009 and 2017, were this establishment's direct export to the main market finished goods for sale to final consumers, or semi-finished goods to be used as inputs by other firms, or both finished and semi-finished goods.
V204	TRd4	Main type of client this establishment had for its direct exports?	discrete	numeric	In fiscal years 2009 and 2017, what was the main type of client this establishment had for its direct exports?
V205	TRd5a	First reason for this establishment to directly export?	discrete	numeric	What are the first and second main reasons for this establishment to directly export to its main export market? First main reason
V206	TRd5b	Second reason for this establishment to directly export?	discrete	numeric	What are the first and second main reasons for this establishment to directly export to its main export market? Second main reason

ID	Name	Label	Type	Format	Question
V207	TRd6	Did the direct export operations to this market ever have to stop?	discrete	numeric	Since this establishment first exported to its main market, did the direct export operations to this market ever have to stop?
V208	TRd7	How long did direct export operations stop (in weeks)?	contin	numeric	How long did this period of export inactivity last (no of weeks)? No of weeks the establishment stopped its direct export operations to the main market
V209	TRd9a	Testing and Certification as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? - Testing and certification
V210	TRd9b	Pre-shipment physical controls as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures - Pre-shipment physical controls
V211	TRd9c	Quotas as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures - Import licensing, quota or prohibitions in destination country
V212	TRd9d	Customs procedures as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures - Lengthy local customs procedures
V213	TRd9e	Cargo Handling as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures - Cumbersome local cargo handling or other port procedures or requirements
V214	TRd9f	Restrictive foreign exchange as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Taxes and regulations in country of origin - Restrictive foreign exchange allocations
V215	TRd9g	High export taxes as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Taxes and regulations in country of origin - High or discriminatory export taxes or charges

ID	Name	Label	Type	Format	Question
V216	TRd9h	Lack of Finance as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support) - Lack of export financing
V217	TRd9i	Marketing Conditions as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support) - Little information on marketing conditions in export markets
V218	TRd9j	Support in new markets as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support) - Lack of support to prospect new markets
V219	TRd9l	Transportation Costs as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support) - Issues with transport services (high cost, monopoly, etc.)
V220	TRd9m	Complex trade agreements as obstacle to exports	discrete	numeric	Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Trade regulations - Complex or changing application of trade agreements
V221	TRd11	The biggest obstacle in main exports is?	discrete	numeric	By looking at card TR6 can you tell me which of the elements included in the list, if any, currently represents the biggest obstacle faced by this establishment in direct export operations to its main market
V222	TRd13a	Percent of supplies was from CEDEAO?	contin	numeric	In fiscal years 2009 and 2017, what percentage of this establishment's supplies from outside of the country was from the following countries/areas? Most important supplies is defined as the supplier which provided the highest value of material inputs or supplies. - CEDEAO (excluding Chad)
V223	TRd13b	Percent of supplies was from EU?	contin	numeric	In fiscal year 2017, what percentage of this establishment's supplies from outside of the country was from the following countries/areas? Most important supplies is defined as the supplier which provided the highest value of material inputs or supplies. - European Union

ID	Name	Label	Type	Format	Question
V224	TRd13c	Percent of supplies was from other countries?	contin	numeric	In fiscal years 2009 and 2017, what percentage of this establishment's supplies from outside of the country was from the following countries/areas? Most important supplies is defined as the supplier which provided the highest value of material inputs or supplies. - Rest of other countries
V225	TRd13cx	Which country is the biggest source of supplies?	discrete	character	Of all the countries the firm receives supplies from, which country is the biggest source of supplies?
V226	TRd14	For how many years business is done with main supplier (foreign or domestic)	contin	numeric	For how many years has this establishment been doing business with the most important supplier (foreign or domestic)? Number of year of business with the most important supplier
V227	TRd15	Main source of information used to find supplier is?	discrete	numeric	What was the main source of information used by this establishment to find this supplier?
V228	TRd16	Main source of confidence to do business with main supplier is?	discrete	numeric	At the time when the business with this supplier started, what was the main reason for this establishment's confidence to make business with this new supplier?
V229	e1	In Last FY, Main Market For Establishment'S Main Product	discrete	numeric	In fiscal years 2009 and 2017, which of the following was the main market in which this establishment sold its main product?
V230	e2b	Competitors For The Main Product/Service In The Main Market	contin	numeric	In fiscal years 2009 and 2017, for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face? Number of competitors.
V231	AFe31	Establishment Part Of Formal Or Informal Business Association?	discrete	numeric	Is this establishment part of a formal or informal business association (e.g. Chamber of Commerce)?
V232	AFe32	During Last Fiscal Year Has Establishment Made Use Of External Advice For Busine	discrete	numeric	Over the last fiscal year [insert last complete fiscal year], has this business made use of external advice for the management of the business?
V233	AFe33a	Peers (Other Business) - Type Of Advisors	discrete	numeric	What type of advisors were used? - Peers (other businesses)
V234	AFe33b	Paid Professionals (Consultants) - Type Of Advisors	discrete	numeric	What type of advisors were used? - Paid professionals
V235	AFe33c	Clients Or Suppliers - Type Of Advisors	discrete	numeric	What type of advisors were used? - Clients or suppliers
V236	AFe33d	Governments Or Donor Funded Institutions - Type Of Advisors	discrete	numeric	What type of advisors were used? - Gocernments or donors funded institutions
V237	AFe33e	Incubators - Type Of Advisors	discrete	numeric	What type of advisors were used? - Incubators
V238	AFe33f	Acceleratos Programs - Type Of Advisors	discrete	numeric	What type of advisors were used? - Accelerator programs
V239	AFe33g	Other	discrete	numeric	What type of advisors were used? - Other
V240	AFe33gx	Other SpecifY	discrete	character	What type of advisors were used? - Other, specify

ID	Name	Label	Type	Format	Question
V241	AFe34	Rate Overall Business Support Systems In City Establishment Is Located	discrete	numeric	How do you rate the overall quality of business support systems in the city the establishment is located? Business support systems in the city
V242	h1	New Products/Services Introduced Over Last 3 Yrs	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved products or services?
V243	h2	New Products/Services Also New For Thr Establishment'S Main Market	discrete	numeric	Were any of the new or significantly improved products or services also new for the establishment's main market?
V244	h3x	Describe In Detail The Main New Or Significantly Improved Product Or Service	discrete	character	Please describe in detail the main new or significantly improved product or service that this establishment introduced during the last three years. The main new or significantly improved product or service is the one that represented the largest proportion of this establishment's sales in value (not volume) during the last three years.
V245	h4x	Describe How The Main New/Significantly Improved Product Or Service Is Different	discrete	character	Please describe in detail how the main new or significantly improved product or service is different than the most similar product or service, if any, previously produced by this establishment.
V246	h5	During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved process, that is: methods of manufacturing products or offering services; logistics, delivery, or distribution methods for inputs, products, or services; or supporting activities for processes?
V247	h6x	Describe Main New/Significantly Improved Process This Establishment Introduced	discrete	character	Please describe in detail the main new or significantly improved process that this establishment introduced during the last three years. The main innovative process is the innovative process that had the largest impact on the operations of the establishment during the last three years.
V248	h7x	How The Main New/Significantly Improved Process Is Different	discrete	character	Please describe in detail how the main new or significantly improved process is different than the most similar process that is or was used by this establishment
V249	h8	During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?	discrete	numeric	During last fiscal year, did this establishment spend on formal research and development activities, either in-house or contracted with other companies, excluding market research surveys?
V250	h9	How Much Spent On R&D, Either In-House Or External?	contin	numeric	During last fiscal year, how much did this establishment spend on formal research and development activities, either in-house or contracted with other companies? Cost of formal research and development activities

ID	Name	Label	Type	Format	Question
V251	f1	In Last FY, What Was The Capacity Utilization (%) Of This Establishment?	contin	numeric	In fiscal year 2017, what was this establishment's output produced as a proportion of the maximum output possible if using all the resources available (capacity utilization)? Capacity utilization
V252	f2	Number Of Hours Per Week Operated By The Establishment In Last Fiscal Year	contin	numeric	In fiscal years 2009 and 2017, how many hours per week did this establishment normally operate? Typical hours of operation in a week
V253	g6a	Percentage Of The Building Occupied: Owned By This Establishment	contin	numeric	Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased? Owned by this establishment
V254	g6b	Percentage Of The Building Occupied: Leased Or Rented By This Establishment	contin	numeric	Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased? Rented or leased by this establishment
V255	g6c	Percentage Of The Building Occupied: Other	contin	numeric	Of the buildings occupied by this establishment, what percentage is owned and what percentage is rented or leased? Other
V256	g1a	Percentage Of The Land Occupied: Owned By This Establishment	contin	numeric	Of the land occupied by this establishment, what percent is: Owned by this establishment
V257	g1b	Percentage Of The Land Occupied: Rented Or Leased By This Establishment	contin	numeric	Of the land occupied by this establishment, what percent is: Rented or leased by this establishment
V258	g1c	Percentage Of The Land Occupied: Other	contin	numeric	Of the land occupied by this establishment, what percent is: Other
V259	g5a	What Is The Total Selling Area In This Establishment?	contin	numeric	What is the total selling area of this establishment? Area
V260	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment? Specify units
V261	g5bx	SpeciFY Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment? Other units (specify)
V262	AFk3a	Working Capital - % Microfinance Institutions	contin	numeric	Among non-bank financial institutions over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital that is the funds available for day-to-day operations, that was financed by microfinance institutions? Microfinance institutions
V263	k5a1	Fixed Assets - Value Internal Funds Or Retained Earnings	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU - Internal funds or retained earnings
V264	k5i1	Fixed Assets - Value Owners' Contribution Or Issued New Equity Shares	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU - Owners' contribution or issued new equity shares

ID	Name	Label	Type	Format	Question
V265	k5bc1	Fixed Assets - Value Borrowed From Banks	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU - Borrowed from banks: private and state-owned
V266	k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU - Borrowed from non-bank financial institutions
V267	k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU - Purchases on credit from suppliers and advances from customers
V268	AFk5hdj_a1	Fixed Assets - % Quasi Equity Instrument	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent - Quasi equity instruments (mezzanine and sub-ordinate debt)
V269	AFk5hdj_a1_1	Fixed Assets - Value Quasi Equity Instrument	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU - Quasi equity instruments (mezzanine and sub-ordinate debt)
V270	AFk5hdj_a2	Fixed Assets - % Other	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent - Other, moneylenders, friends, relatives, bonds, etc
V271	AFk5hdj_a2_1	Fixed Assets - Value Other	contin	numeric	Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the - Other, moneylenders, friends, relatives, bonds, etc
V272	AFk5e2	Fixed Assets - % Microfinance Institutions	contin	numeric	Among non-bank financial institutions over fiscal years 2009 and 2017, please estimate the proportion of this establishment's total purchase of fixed assets that was financed by microfinance institutions?
V273	k4b	Purchase Any New/Used Fixed Assets?	discrete	numeric	Now turning to fiscal year 2016, did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?

ID	Name	Label	Type	Format	Question
V274	n5c	Total Annual Expenditure For Purchases Of Equipment In Year Prior To Last FY	contin	numeric	How much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment
V275	n5d	Total Annual Expenditure On Land And Buildings In Year Prior To Last FY	contin	numeric	How much did this establishment spend on purchases of: Land and buildings including expansion and renovations of existing structures?
V276	mc1	Line Of Credit Or Loan From Microfinance Institution?	discrete	numeric	Among non-bank financial institutions, did microfinance institutions grant the most recent line of credit or loan?
V277	k15b	Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis	contin	numeric	What is the total number of open lines of credit or outstanding loans held by this establishment? Total number of open lines of credit or outstanding loans
V278	k15c	Total Outstanding Balance of All Open Lines of Credit and Loans Held By This Est	contin	numeric	What is the total value of open lines of credit or outstanding loans held by this establishment? Total value of open lines of credit or outstanding loans
V279	k15d	Outstanding Personal Loans Used To Finance Establishment'S Business Activities?	discrete	numeric	At this time, does the owner or owners of this establishment have any outstanding personal loans that are used to finance this establishment's business activities?
V280	k20a1	What Was The Outcome Of That Most Recent Application For Loan/Line Of Credit?	discrete	numeric	Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?
V281	MMS1	Does Establishment Use Mobile Money For Transactions	discrete	numeric	In its current operations, does this establishment use mobile money for any of its financial transactions?
V282	MMS1a	In A Typical Month In Last Fiscal Year How Many Days Were Mobile Money Used?	contin	numeric	In a typical month in fiscal years 2009 and 2017, over how many days were mobile money used? Days of mobile money use
V283	MMS2	Main Reason Establishment Started Using Mobile Money?	discrete	numeric	Please indicate the main reason this establishment started using mobile money for any of its financial transaction.
V284	MMS3	In Last Fiscal Year Was Mobile Money Used To Pay Employees?	discrete	numeric	In the last complete fiscal year, did this establishment use mobile money to pay its employees?
V285	MMS4	% Total Labor Cost Paid Using Mobile Money Last Fiscal Year?	contin	numeric	In the last complete fiscal year, what percentage of total labor cost (salaries and wages of its employees) was paid by this establishment using mobile money?
V286	MMS5	In Last Fiscal Year Was Mobile Money Used To Pay Suppliers?	discrete	numeric	In the last complete fiscal year, did this establishment use mobile money to pay its suppliers?
V287	MMS6	% Annual Cost Of Raw Materials Paid Using Mobile Money Last Fiscal Year	contin	numeric	In the last complete fiscal year, what percentage of the total annual cost of raw materials and intermediate goods (suppliers' bills) was paid by this establishment using mobile money?
V288	MMS7	In Last Fiscal Year Was Mobile Money Used To Pay Utilities Bill?	discrete	numeric	In the last complete fiscal year, did this establishment use mobile money to pay the utility bills of the enterprise?

ID	Name	Label	Type	Format	Question
V289	MMs8	% Annual Cost Of Utilities Paid Using Mobile Money	contin	numeric	In the last complete fiscal year, what percentage of the total annual cost of utilities (utilities companies' bills) was paid by this establishment using mobile money?
V290	MMs9	In Last Fiscal Year Did Establishment Use Mobile Money To Receive Payments From	discrete	numeric	In the last complete fiscal year, did this establishment use mobile money to receive payments from customers?
V291	MMs10	% Annual Sales To Receive Payments From Customers	contin	numeric	In the last complete fiscal year, what percentage of annual sales did this establishment receive from customers using mobile money?
V292	MMs11a	Reason Establishment Did Not Use Mobile Money - Don'T Know About Mobile Money	discrete	numeric	Why does this establishment not use mobile money for financial transactions? - Don't know enough about mobile money
V293	MMs11b	Reason Establishment Don'T Use Mobile Money - Fees To High	discrete	numeric	Why does this establishment not use mobile money for financial transactions? - Fees are too high
V294	MMs11c	Reason Establishment Don'T Use Mobile Money - Payments Too Large	discrete	numeric	Why does this establishment not use mobile money for financial transactions? - Most of this establishment's payment are too large to use mobile money
V295	MMs11d	Reason Establishment Don'T Use Mobile Money - Not Easy To Use	discrete	numeric	Why does this establishment not use mobile money for financial transactions? - Not easy to use
V296	MMs11e	Reason Establishment Don'T Use Mobile Money - Customers Don'T Use Mobile Money	discrete	numeric	Why does this establishment not use mobile money for financial transactions? - Customers don't use mobile money
V297	MMs11f	Reason Establishment Don'T Use Mobile Money - Suppliers Don'T Use Mobile Money	discrete	numeric	Why does this establishment not use mobile money for financial transactions? - Suppliers don't use mobile money
V298	mc2	In Fiscal Years 2012-2015 Has Establishment Used Finance From Microfinance Insti	discrete	numeric	In fiscal years [2014-2017] has the establishment used financing from microfinance institutions?
V299	mc3	Stopped Or Reduced Financing From Microfinance Institutions Since FY 2012-2015?	discrete	numeric	Has this establishment reduced or stopped its use of financing from microfinance institution since fiscal years [2014-2017]?
V300	mc4	Main Reason Stopped Or Reduced Financing From Microfinance Institutions?	discrete	numeric	What was the main reason for reducing or stopping the use of financing from microfinance institutions?
V301	mc4x	Other	discrete	character	What was the main reason for reducing or stopping the use of financing from microfinance institutions? - Other
V302	mc5	Did Establishment Used Alternate Financing After Reduction Or Termination Of Mic	discrete	numeric	Did this establishment use alternate sources of financing given the reduction or termination of financing from microfinance institutions in fiscal years [2014-2017]?
V303	mc6	Main Reason Not Using Financing From Microfinance Institutions?	discrete	numeric	What was the main reason for not using financing from microfinance institutions?
V304	mc6x	Other	discrete	character	What was the main reason for not using financing from microfinance institutions? - Other

ID	Name	Label	Type	Format	Question
V305	I3a	Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers	contin	numeric	Coming back to fiscal years 2009 and 2017, at the end of the fiscal year, how many permanent, full-time individuals in this establishment were: Production workers
V306	I3b	Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers	contin	numeric	Coming back to fiscal years 2009 and 2017, at the end of the fiscal year, how many permanent, full-time individuals in this establishment were: Non-production workers [e.g., managers, administration, sales]
V307	I4a1	Num. Of Permanent, Full-Time Highly Skilled Production Workers, Last FY	contin	numeric	At the end of fiscal years 2009 and 2017, how many permanent, full-time individuals working in this establishment were: Highly skilled production workers
V308	I4a2	Num. Of Permanent, Full-Time Semi Skilled Production Workers, Last FY	contin	numeric	At the end of fiscal years 2009 and 2017, how many permanent, full-time individuals working in this establishment were: Semi-skilled production workers
V309	I4b	Num. Of Permanent, Full-Time Unskilled Production Workers, Last FY	contin	numeric	At the end of fiscal years 2009 and 2017, how many permanent, full-time individuals working in this establishment were: Unskilled production workers
V310	I5a	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Production Workers	contin	numeric	At the end of fiscal years 2009 and 2017, how many permanent full-time individuals working in this establishment in the following categories were female?
V311	I5b	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Non-Production Workers	contin	numeric	At the end of fiscal years 2009 and 2017, how many permanent full-time individuals working in this establishment in the following categories were female?
V312	I6a	Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr	discrete	numeric	How many full-time seasonal or temporary employees employed during and 2009 and 2017 were female?
V313	I9b	% Of Full Time Workers Completed High School	contin	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V314	I11a	% Permanent Full-Time Production Employees Received Formal Training In Last FFY	contin	numeric	Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Production full-time permanent employees trained - Percent
V315	I11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	contin	numeric	Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Production full-time permanent employees trained - Number

ID	Name	Label	Type	Format	Question
V316	I11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY	contin	numeric	Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Non-production full-time permanent employees trained - Present
V317	I11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	contin	numeric	Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Non-production full-time permanent employees trained - Number
V318	AFI11a	Accounting Skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? - Accounting skills
V319	AFI11b	Marketing Skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? - Marketing skills
V320	AFI11c	Interpersonal And Communication Skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? - Interpersonal and communication skills
V321	AFI11d	Writing Skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? - Writing skills
V322	AFI11e	English Skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? - English skills
V323	AFI11f	Computer Skills / General It Skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? - Computer skills / General IT skills
V324	AFI11g	Technical Skills, Other Than Computers / Vocational, Job-Specific Skills	discrete	numeric	How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills? - Technical skills, other than computers / vocational, job-specific skills
V325	AFI12	Over The Last Two Years, Did This Establishment Hire Or Try To Hire Any Skilled	discrete	numeric	Over the last two years, did this establishment hire or try to hire any skilled workers?
V326	AFI13a	There Were No Or Few Or Applicants	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - There were no or few or applicants

ID	Name	Label	Type	Format	Question
V327	AFI13b	There Were No Or Few Or Applicants	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - Applicants lacked required skills
V328	AFI13c	Applicants Expected Higher Wages Than We Can Offer	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - Applicants expected higher wages than we can offer
V329	AFI13d	Applicants Expected Higher Wages Than We Can Offer	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - Applicants did not like the working conditions
V330	AFI13e	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - Other
V331	AFI13x	Please SpeciFY	discrete	character	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - Other specify
V332	AFI14a1x	Name Of University	discrete	character	Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired. - Name of University
V333	AFI14d1	Quality Of Employees Hired	discrete	numeric	Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired. - Quality of employees hired
V334	AFI14a2x	Name Of University	discrete	character	Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired. - Name of University
V335	AFI14d2	Quality Of Employees Hired	discrete	numeric	Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired. - Quality of employees hired
V336	AFI14a3x	Name Of University	discrete	character	Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired. - Name of University

ID	Name	Label	Type	Format	Question
V337	AFI14d3	Quality Of Employees Hired	discrete	numeric	Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired. - Quality of employees hired
V338	n2i	Total Annual Cost Of Finished Goods/Materials Bought To Resell In Last Fiscal Yr	contin	numeric	From this establishment's Income Statement for fiscal year 2017, please provide the following information: Total annual cost of finished goods and materials purchased to resell
V339	n2p	Total Cost Of Sales In Last FY	contin	numeric	From this establishment's Income Statement for fiscal year 2017, please provide the following information: Total cost of sales
V340	n6a	Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year	contin	numeric	From this establishment's Balance Sheet for fiscal years 2009 and 2017, what was the net book value, that is the value of assets after depreciation, of the following: Machinery, vehicles, and equipment
V341	a20y	Close Year of The Last Completed Fiscal Year	discrete	numeric	On which calendar date did the last completed fiscal year end? Year
V342	a20m	Close Month of The Last Completed Fiscal Year	discrete	numeric	On which calendar date did the last completed fiscal year end? Month
V343	a20d	Close Day of The Last Completed Fiscal Year	discrete	numeric	On which calendar date did the last completed fiscal year end? Day
V344	stratificationregioncode	stratification region code	discrete	numeric	
V345	stratificationsizecode	stratification size code	discrete	numeric	
V346	stratificationsectorcode	stratification sector code	discrete	numeric	
V347	stratificationpanelcode	panel code	discrete	numeric	
V348	a5	a.5 sector match between screener information and sample frame	discrete	numeric	
V349	a8	a.8 type of establishment	discrete	numeric	
V350	a10	a.10 establishment financial statements separate from other establishments	discrete	numeric	
V351	b3a	are the owners of the firm:	discrete	numeric	
V352	b3b	is the largest owner female?	discrete	numeric	
V353	AFb4a	what is the nationality of origin of the current largest owner?	discrete	numeric	
V354	AFb4a1	main african nationality	discrete	numeric	
V355	AFb4a4	main "other asian" nationality	discrete	numeric	
V356	b3c	how did the largest owner acquire ownership of this firm?	discrete	numeric	
V357	b3d	the family business was joined by:	discrete	numeric	
V358	b3e	which of the following best describes why the largest owner took over this firm?	discrete	numeric	
V359	b3f	involvement of the largest owner in decision making	discrete	numeric	

ID	Name	Label	Type	Format	Question
V360	b3fx	b.3f other	discrete	character	
V361	AFb7a	what is the highest level of education of the current top manager?	discrete	numeric	
V362	AFb8a	is this establishment located in an export processing or other industrial zone?	discrete	numeric	
V363	c19	application to obtain a telephone connection submitted over the last two years	discrete	numeric	
V364	c20	how many days did it take for you to receive a telephone connection service?	discrete	numeric	
V365	c21	when you applied for a telephone connection was an informal gift requested?	discrete	numeric	
V366	AFd3f	neighboring countries within sub-saharan africa	discrete	numeric	
V367	AFd3g	developed countries	discrete	numeric	
V368	AFd3h	other	discrete	numeric	
V369	AFd3jx	in 2008, when exporting directly, what is the main point of exit used?	discrete	character	
V370	AFd5a	total clearing costs for an average consignment as a % of consignment value	contin	numeric	
V371	AFd11a	in 2008, no. years you have known your primary supplier of your main input?	contin	numeric	
V372	AFd11d	in 2008, did you subcontract any part of your production to other firms?	discrete	numeric	
V373	AFe1a	estimated local market share of your main product line, in fiscal year 2008.	contin	numeric	
V374	k1a	% of total annual purchases paid for before the delivery in last fiscal year	contin	numeric	
V375	k1b	and what percent were: paid on delivery?	contin	numeric	
V376	k2a	% of total annual sales paid for before the delivery in last fiscal year	contin	numeric	
V377	k2b	and what percent were: paid on delivery?	contin	numeric	
V378	V378	other (moneylenders, friends, relatives, bonds, commercial papers etc)	contin	numeric	
V379	AFk10a	what is the rate of interest of this most recent line of credit or loan?	contin	numeric	
V380	AFI8a	at end of 2008, how many part-time workers were employed by this establishment?	contin	numeric	
V381	V381	what percent of this establishment's workforce is currently unionized?	discrete	numeric	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V382	AFs1y	do you currently have a pre-employment health check for new employees?	discrete	numeric	
V383	AFs1a	high absenteeism due to sickness	discrete	numeric	
V384	AFs1b	high absenteeism as employees care for family members or friends due to sickness	discrete	numeric	
V385	AFs2a	high absenteeism due to hiv/aids	discrete	numeric	
V386	AFs2b	high absenteeism as employees care for family members or friends due to hiv/aids	discrete	numeric	
V387	AFs3a	hiv prevention messages	discrete	numeric	
V388	AFs3b	free condom distribution	discrete	numeric	
V389	AFs3c	anonymous hiv testing	discrete	numeric	
V390	AFs4	cost of all aids/hiv programs and activities	contin	numeric	
V391	m1d	rotation order	discrete	numeric	
V392	id2009	ID number of 2009 survey	contin	numeric	
V393	id2018	ID number of 2018 survey	contin	numeric	



**WEB STD FIRMID (idstd)**

File: Chad\_2009\_2018

**Overview**

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 6	Minimum: 459051
Decimals: 0	Maximum: 625263
Range: 459051-625263	

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

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 6	Minimum: 459051
Decimals: 0	Maximum: 625263
Range: 459051-625263	

**Year of survey (year)**

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 2009-2018	

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

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

**Eligibility of 2009 firm in 2018 (eligibility2018)**

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: character	
Width: 127	

**Industry Sampling Sector (a4a)**

File: Chad\_2009\_2018

## Industry Sampling Sector (a4a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

### Literal question

Sampling Information - Sampling sector

## Sampling Size (a6a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

### Literal question

Sampling Information - Sampling size

## Sampling Region (a2)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-1	

### Literal question

Sampling Information - Sampling location

## Official Capital City? (a3b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

### Literal question

Is this city the official capital city?

## Main Business City? (a3c)

File: Chad\_2009\_2018

## Main Business City? (a3c)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

### Literal question

Is this city the main business city?

## Size Of Locality (a3)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 2-5	

### Literal question

Size of locality

## Supervisor Number (a13)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-1	

### Literal question

Supervisor code

## Industry Screener Sector (a4b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 15-72	

### Literal question

Industry - Screener sector

## Questionnaire (a0)

File: Chad\_2009\_2018

## Questionnaire (a0)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

### Literal question

Questionnaire

## Region Of The Establishment (a3a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-1	

### Literal question

Screeener Region

## Screeener Size (a6b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-3	

### Literal question

Screeener Size

## Day (a14d)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	Minimum: 1
Decimals: 0	Maximum: 31
Range: 1-31	

### Literal question

Time face-to-face interview begins: Day

## Month (a14m)

File: Chad\_2009\_2018

## Month (a14m)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 2-9	

### Literal question

Time face-to-face interview begins: Month

## Year (a14y)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 2009-2018	

### Literal question

Time face-to-face interview begins: Year

## Hour (a14h)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 7-18	

### Literal question

Time face-to-face interview begins: Hour

## Minutes (a14min)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 59
Range: 0-59	

### Literal question

Time face-to-face interview begins: Minutes

## Interviewer Number (a12)

File: Chad\_2009\_2018

## Interviewer Number (a12)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	Minimum: 101
Decimals: 0	Maximum: 830
Range: 101-830	

### Literal question

Interviewer code

## Country Code (a1)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 110-110	

### Literal question

Country code

## Language Of The Interview (a1a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-1	

### Literal question

Language

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

### Literal question

Is this establishment part of a larger firm? (larger firms include several distinct locations or establishments, including branch offices or production, distribution, or sales sites)

### Post question

IF 2, SKIP TO A.20

## Number Of Establishments In The Firm (a7a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 181
Format: numeric	Invalid: 122
Width: 3	
Decimals: 0	
Range: -9-250	

### Literal question

How many establishments are part of the firm? Number of establishments

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 62
Format: numeric	Invalid: 241
Width: 1	
Decimals: 0	
Range: 1-2	

### Literal question

Are the financial statements of the headquarters location separate from the rest of the other establishments?

### Post question

If 1 or 2, SKIP TO A.20

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 46
Format: numeric	Invalid: 257
Width: 1	
Decimals: 0	
Range: 1-2	

### Literal question

Are this establishment's financial statements prepared separately from headquarters' statements?

### Post question

If 2, TERMINATE

## Legal Status Of The Firm (b1)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-6	

## Legal Status Of The Firm (b1)

File: Chad\_2009\_2018

### Literal question

What is this firm's current legal status?

### Post question

If 3, SKIP TO B.2

### Interviewer instructions

INTERVIEWER: PLEASE NOTE WHEN b1 IS 3 (SOLE PROPRIETORSHIP), WRITE 100% FOR QUESTION b3.

## Other (SpeciFY) (b1x)

File: Chad\_2009\_2018

### Overview

Type: Discrete

Format: character

Width: 24

Valid cases: 1

Invalid: 0

### Literal question

What is this firm's current legal status? Other specify

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

File: Chad\_2009\_2018

### Overview

Type: Continuous

Format: numeric

Width: 3

Decimals: 0

Range: -9-100

Valid cases: 230

Invalid: 73

### Literal question

What percentage of this firm does the largest owner or owners own? Percentage held by largest owner or owners

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

File: Chad\_2009\_2018

### Overview

Type: Continuous

Format: numeric

Width: 3

Decimals: 0

Range: -9-100

Valid cases: 303

Invalid: 0

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

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

## % Owned By Government/State (b2c)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-50	

### Literal question

What percentage of this firm is owned by each of the following: Government or State

## % Owned By Other (b2d)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

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

## Year Establishment Began Operations (b5)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: -9-2017	

### Literal question

In what year did this establishment begin operations? Year establishment began operations

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-415	

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Was this establishment formally registered when it began operations?

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: -9-2017	

### Literal question

In what year was this establishment formally registered? Year establishment formally registered

### Post question

If -7, TERMINATE

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-47	

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

File: Chad\_2009\_2018

### Literal question

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

## Is The Top Manager Female? (b7a)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Is the Top Manager female?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Does this establishment have an internationally-recognized quality certification?

### Post question

If 2 or -9, SKIP TO C.3

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

### Post question

IF 2 or -9, GO TO QUESTION C.6

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 76  
Invalid: 227

### 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? Wait for electrical connection

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 76  
Invalid: 227

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Over fiscal year 2009 and 2017, did this establishment experience power outages?

### Post question

If 2 or -9, GO TO QUESTION C.10

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 234  
Invalid: 69

### Literal question

In a typical month, over fiscal years 2009 and 2017, how many power outages did this establishment experience?

### Post question

If 0, GO TO QUESTION C.9; if -9, GO TO QUESTION C.9

## Average Duration Of Power Outages {Hours; Minutes} (c8a)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 226  
Invalid: 77

### Literal question

How long did these power outages last on average? Average duration of power outages - Hours

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 98  
Invalid: 205

### Literal question

How long did these power outages last on average? Average duration of power outages - Minutes

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 191  
Invalid: 112

### 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 percentage of total annual sales due to power outages

## In Last FY, Value Of Losses Due To Power Outages (c9b)

### File: Chad\_2009\_2018

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -9-140000000

Valid cases: 43  
 Invalid: 260

#### 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

## Generator Shared Or Owned Over The Course Of Last Fiscal Year? (c10)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 212  
 Invalid: 91

#### Literal question

Over the course of fiscal years 2009 and 2017, did this establishment own or share a generator?

#### Post question

If 2 or -9, GO TO QUESTION C.12

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

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 158  
 Invalid: 145

#### Literal question

In fiscal years 2009 and 2017, what percentage of this establishment's electricity came from a generator or generators that the establishment owned or shared? Percentage electricity from generators

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

File: Chad\_2009\_2018

#### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 303  
Invalid: 0

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION C.15

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 38  
Invalid: 265

### 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? Wait for water connection

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 38  
Invalid: 265

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 133  
Invalid: 170

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

File: Chad\_2009\_2018

### Literal question

Over fiscal years 2009 and 2017, did this establishment experience insufficient water supply for production? Number of incidents of water insufficiency in a typical month

### Post question

If 2, -7, or -9, GO TO QUESTION C.22a

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 19  
Invalid: 284

### Literal question

In a typical month, over fiscal years 2009 and 2017, how many incidents of insufficient water supply did this establishment experience?

### Post question

If 0 or -9, GO TO QUESTION C.22a

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 17  
Invalid: 286

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

File: Chad\_2009\_2018

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

## Establishment Has Its Own Website (c22b)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 63

Valid cases: 303  
Invalid: 0

### Literal question

Detailed description of main activity and product

## Main Product/Service ISIC (Rev. 3.1) Code (d1a2)

File: Chad\_2009\_2018

### Overview

## Main Product/Service ISIC (Rev. 3.1) Code (d1a2)

File: Chad\_2009\_2018

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1511-7491

Valid cases: 303  
Invalid: 0  
Minimum: 1511  
Maximum: 7491

### Literal question

Please choose the 4-digit ISIC REV.3.1 code that best applies to the establishment's main activity and product. Code of the main product and activity

### Interviewer instructions

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

What percentage of total sales does the main activity or product represent? Percentage of sales represented by main product or activity

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-117000000000

Valid cases: 303  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, what were this establishment's total annual sales for ALL products and services?  
- Last complete fiscal year's total sales

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-210000000000

Valid cases: 303  
Invalid: 0

### Literal question

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

File: Chad\_2009\_2018

Looking back at the end of fiscal year 2015 what were total annual sales for this establishment? Total annual sales three years ago

## % Of Sales: National Sales (d3a)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

Coming back to fiscal years 2009 and 2017, what percentage of this establishment's sales were:  
- National sales

### Post question

IF 100, GO TO QUESTION D.10

## % O Sales: Indirect Exports (d3b)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-80	

### Literal question

Coming back to fiscal years 2009 and 2017, what percentage of this establishment's sales were:  
- Indirect exports (sold domestically to thrid party that exports products)

### Post question

IF 100, GO TO QUESTION D.8

## % Of Sales: Direct Exports (d3c)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

Coming back to fiscal years 2009 and 2017, what percentage of this establishment's sales were:  
- Direct exports

### Post question

IF 0, GO TO QUESTION D.8

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 25
Format: numeric	Invalid: 278
Width: 2	
Decimals: 0	
Range: -9-60	

### Literal question

In fiscal years 2009 and 2017, 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?

- Average number of days to clear customs

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 25
Format: numeric	Invalid: 278
Width: 2	
Decimals: 0	
Range: -9-60	

### Literal question

In fiscal years 2009 and 2017, what percentage of the value of the products exported directly was lost while in transit because of theft?

- Losses due to theft as percentage of the value of the products

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 25
Format: numeric	Invalid: 278
Width: 2	
Decimals: 0	
Range: -9-70	

### Literal question

In fiscal years 2009 and 2017, what percentage of the value of the products exported directly was lost while in transit because of breakage or spoilage?

- Losses due to breakage or spoilage as percentage of the value of the products

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 48  
Invalid: 255

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 212  
Invalid: 91

### Literal question

In fiscal years 2009 and 2017, 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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 212  
Invalid: 91

### Literal question

In fiscal years 2009 and 2017, 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

### Post question

If 0, GO TO QUESTION D.30

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 139  
Invalid: 164

### Literal question

Were any of the material inputs or supplies purchased in fiscal years 2009 and 2017, imported directly?

### Post question

If 2 or -9, GO TO QUESTION D.30

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 70  
Invalid: 233

### Literal question

In fiscal years 2009 and 2017, when this establishment imported material inputs or supplies, how many days did it take on average from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs? Average number of days to clear customs

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Transport

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Customs and trade regulations

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 133  
Invalid: 170

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Does this establishment compete against unregistered or informal firms?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

File: Chad\_2009\_2018

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? Practices of competitors in the informal sector

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 36  
Invalid: 267

### 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? Wait for a construction-related permit

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 36  
Invalid: 267

### Literal question

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

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

File: Chad\_2009\_2018

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, did this establishment pay for security, for example equipment, personnel, or professional security services including internet security?

### Post question

If 2 or -9, GO TO QUESTION I.3

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 124  
Invalid: 179

### Literal question

In fiscal years 2009 and 2017, what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Percentage of total annual sales for security

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-2000000000

Valid cases: 56  
Invalid: 247

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

File: Chad\_2009\_2018

### Literal question

In fiscal years 2009 and 2017, what percentage 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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, did this establishment experience losses as a result of theft, robbery, vandalism, arson on this establishment's premises or from internet hacking or internet fraudulent transactions?

### Post question

If 2 or -9, GO TO QUESTION I.30

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 66  
Invalid: 237

### Literal question

In fiscal years 2009 and 2017, what were the estimated losses as a result of theft, robbery, vandalism, arson or internet hacking that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Losses as percentage of total annual sales

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 27  
Invalid: 276

### Literal question

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

File: Chad\_2009\_2018

In fiscal years 2009 and 2017, what were the estimated losses as a result of theft, robbery, vandalism, arson or internet hacking 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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### 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?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, what percentage, as a proportion of the value of total annual purchases of material inputs or services was purchased on credit?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, what percentage of this establishment's total annual sales of its goods or services was sold on credit?

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?  
- Internal funds or retained earnings

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-90	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?  
- Borrowed from banks: private and state-owned

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-70	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?  
- Borrowed from 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: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 303  
Invalid: 0

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

- Purchases on credit from suppliers and advances from customers

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

- Other, moneylenders, friends, relatives, etc.

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100% (UNLESS RESPONDENT DOES NOT KNOW)

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?

### Post question

If 2 or -9, GO TO QUESTION K.4b

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

File: Chad\_2009\_2018

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 159
Width: 10	
Decimals: 0	
Range: -9-5000000000	

### Literal question

In fiscal years 2009 and 2017, how much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 159
Width: 9	
Decimals: 0	
Range: -9-1500000000	

### Literal question

In fiscal years 2009 and 2017, how much did this establishment spend on purchases of: Land and buildings, including expansion and renovations of existing structures?

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 126
Format: numeric	Invalid: 177
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent  
- Internal funds or retained earnings

### Post question

If 0 or -9, GO TO QUESTION K.4b

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 126  
Invalid: 177

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent  
- Owners' contribution or issued new equity shares

### Post question

If 0 or -9, GO TO QUESTION K.4b

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 126  
Invalid: 177

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent  
- Borrowed from banks: private and state-owned

### Post question

If 0 or -9, GO TO QUESTION K.4b

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 126  
Invalid: 177

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent  
- Borrowed from non-bank financial institutions

### Post question

If 0 or -9, GO TO QUESTION K.4b

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 126
Format: numeric	Invalid: 177
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent  
- Purchases on credit from suppliers and advances from customers

### Post question

If 0 or -9, GO TO QUESTION K.4b

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 272
Width: 3	Minimum: -18
Decimals: 0	Maximum: 64
Range: -18-64	

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Now let's talk about the establishment's present situation. At this time, does this establishment have a checking (current) or savings account?

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 303  
Invalid: 0

### Literal question

At this time, does this establishment have an overdraft facility?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION K.15d

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 49  
Invalid: 254

### Literal question

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

### Post question

If 1 or 2 or 4 or -9, GO TO QUESTION K.10

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2017

Valid cases: 49  
Invalid: 254

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

File: Chad\_2009\_2018

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 49
Format: numeric	Invalid: 254
Width: 10	
Decimals: 0	
Range: -9-8000000000	

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 49
Format: numeric	Invalid: 254
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION K.15b

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Land, buildings under ownership of the establishment

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 39  
Invalid: 264

### Literal question

Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Machinery and equipment including movables

## Type Of Collateral Required For The Most Recent Loan? Accounts (k14c)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 39  
Invalid: 264

### Literal question

Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Accounts receivable and inventories

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 39  
Invalid: 264

### Literal question

Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Personal assets of owner (house, etc.)

## Type Of Collateral Required For The Most Recent Loan? Other (k14e)

File: Chad\_2009\_2018

### Overview

## Type Of Collateral Required For The Most Recent Loan? Other (k14e)

File: Chad\_2009\_2018

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

Valid cases: 39  
Invalid: 264

### Literal question

Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Other forms of collateral not included in the categories above

## Value Of Collateral Required For The Most Recent Credit/Loan (k15a)

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-15000000000

Valid cases: 39  
Invalid: 264

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Referring again to the last fiscal years 2009 and 2017, did this establishment apply for any lines of credit or loans?

### Post question

If 1 or -9, GO TO QUESTION K.20

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 257  
Invalid: 46

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

File: Chad\_2009\_2018

### Literal question

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

### Post question

If 1,2,3,4,5,6,7 or -9, GO TO QUESTION K.21

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, did this establishment have its annual financial statements checked and certified by an external auditor?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
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? Access to finance

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree with the statement: "The court system is fair, impartial and uncorrupted".

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -9-100	

### 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 or sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms)

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Over the last year, was this establishment visited or inspected by tax officials or required to meet with them?

### Post question

If 2 or -9, GO TO QUESTION J.6a

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 263
Format: numeric	Invalid: 40
Width: 2	
Decimals: 0	
Range: -9-24	

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 263  
Invalid: 40

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION J.7

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 60  
Invalid: 243

### 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?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 259  
Invalid: 44

### Literal question

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

File: Chad\_2009\_2018

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 percentage 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

## Total Annual Informal Payment (j7b)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 44
Format: numeric	Invalid: 259
Width: 9	
Decimals: 0	
Range: -9-100000000	

### 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 percentage 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? LCUs

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION J.13

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 38
Format: numeric	Invalid: 265
Width: 3	
Decimals: 0	
Range: -9-180	

### 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?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 38  
Invalid: 265

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION J.30

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 39  
Invalid: 264

### 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?

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 39  
Invalid: 264

### 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: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Tax rates

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Tax administration

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Business licensing and permits

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Political instability

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Corruption

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to the current operations of this establishment?

- Courts

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Description

## Num. Permanent, Full-Time Employees At End Of Last Fiscal Year (11)

File: Chad\_2009\_2018

Permanent, full-time employees are defined as all employees that are employed for a term of one or more fiscal years and/or have a guaranteed renewal of their employment and that work a full shift

### Literal question

At the end of fiscal year 2017, how many permanent, full-time individuals worked in this establishment? Please include all employees and managers

### Interviewer instructions

INTERVIEWER: INCLUDE INTERVIWEE IF APPLICABLE

## Num. Permanent, Full-Time Employees At End Of 3 Fiscal Years Ago (12)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Looking back, at the end of fiscal year 2015, how many permanent, full-time individuals worked in this establishment? Please include all employees and managers

### Interviewer instructions

INCLUDE INTERVIWEE IF APPLICABLE

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-105

Valid cases: 229  
Invalid: 74

### Literal question

Coming back to fiscal years 2009 and 2017, how many permanent full-time individuals that worked in this establishment were female?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Description

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

### File: Chad\_2009\_2018

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

#### Literal question

How many full-time seasonal or temporary employees did this establishment employ during 2009 and 2017?

#### Post question

If 0 or -9, GO TO QUESTION L.9b

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

### File: Chad\_2009\_2018

#### Overview

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

Valid cases: 163  
Invalid: 140

#### Literal question

What was the average length of employment of all full-time temporary employees in fiscal years 2009 and 2017?

## Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr (110)

### File: Chad\_2009\_2018

#### Overview

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

Valid cases: 212  
Invalid: 91

#### Literal question

Over fiscal years 2009 and 2017, did this establishment have formal training programs for its permanent, full-time employees?

#### Post question

If 2 or -9, GO TO QUESTION AFL.11

## How Much Of An Obstacle: Labor Regulations? (130a)

### File: Chad\_2009\_2018

#### Overview

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

Valid cases: 303  
Invalid: 0

#### Literal question

Using the response options on the card; To what degree are Labor Regulations an obstacle to the current operations of this establishment? Labor regulations

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-4	

### 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? Inadequately educated workforce

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-15	

### 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

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 11	
Decimals: 0	
Range: -9-33000000000	

### Literal question

From this establishment's Income Statement for fiscal years 2009 and 2017, please provide the following information: Total annual cost of labor including wages, salaries, bonuses, social security payments

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-11573876000

Valid cases: 133  
Invalid: 170

### Literal question

From this establishment's Income Statement for fiscal years 2009 and 2017, please provide the following information: Total annual cost of raw materials and intermediate goods used in production

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-150000000

Valid cases: 212  
Invalid: 91

### Literal question

From this establishment's Income Statement for fiscal years 2009 and 2017, please provide the following information: Total annual cost of electricity

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-5684148224

Valid cases: 133  
Invalid: 170

### 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?

## Main Respondent Position In The Firm (a15a1ax)

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 38

Valid cases: 303  
Invalid: 0

### Literal question

Please complete the following information about the interviewee(s): Main respondent, position in the firm

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-42	

### Literal question

Please complete the following information about the interviewee(s): Main respondent, year with the firm

## Main Respondent's Gender (a15a3)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 303
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

### Literal question

Please complete the following information about the interviewee(s): Main respondent, gender

## Second Respondent Position In The Firm (a15a1bx)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 50
Format: character	Invalid: 0
Width: 36	

### Literal question

Please complete the following information about the interviewee(s): Second respondent, position in the firm

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 50
Format: numeric	Invalid: 253
Width: 2	
Decimals: 0	
Range: -9-35	

### Literal question

Please complete the following information about the interviewee(s): Second respondent, year with the firm

## Second Respondent's Gender (a15b3)

File: Chad\_2009\_2018

### Overview

## Second Respondent's Gender (a15b3)

File: Chad\_2009\_2018

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

Valid cases: 50  
Invalid: 253

### Literal question

Please complete the following information about the interviewee(s): Second respondent, gender

## Third Respondent Position In The Firm (a15a1cx)

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 32

Valid cases: 11  
Invalid: 0

### Literal question

Please complete the following information about the interviewee(s): Third respondent, position in the firm

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 11  
Invalid: 292

### Literal question

Please complete the following information about the interviewee(s): Third respondent, year with the firm

## Third Respondent's Gender (a15c3)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 12  
Invalid: 291

### Literal question

Please complete the following information about the interviewee(s): Third respondent, gender

## Day (a15d)

File: Chad\_2009\_2018

### Overview

## Day (a15d)

File: Chad\_2009\_2018

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

Valid cases: 303  
Invalid: 0  
Minimum: 1  
Maximum: 31

### Literal question

Time face-to-face interview ends: Day

## Month (a15m)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

Time face-to-face interview ends: Month

## Year (a15y)

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2009-2018

Valid cases: 303  
Invalid: 0

### Literal question

Time face-to-face interview ends: Year

## Hour (a15h)

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 8-19

Valid cases: 303  
Invalid: 0

### Literal question

Time face-to-face interview ends: Hour

## Minutes (a15min)

File: Chad\_2009\_2018

### Overview

## Minutes (a15min)

File: Chad\_2009\_2018

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

Valid cases: 303  
Invalid: 0  
Minimum: 0  
Maximum: 59

### Literal question

Time face-to-face interview ends: Minutes

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### 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: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

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

## This Questionnaire Was Completed In: (a18)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
Invalid: 0

### Literal question

This questionnaire was completed in:

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 73
Format: numeric	Invalid: 230
Width: 1	
Decimals: 0	
Range: 0-3	

### Pre question

If option 2 or 3 in A.18

### Literal question

Estimate duration of the whole interview - hours

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 73
Format: numeric	Invalid: 230
Width: 2	Minimum: 0
Decimals: 0	Maximum: 57
Range: 0-57	

### Literal question

Estimate duration of the whole interview - minutes

## Weight according to strict eligibility (wstrict)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 5	Minimum: 1
Decimals: 2	Maximum: 34
Range: 1-34.0341644287109	

## Weight according to median eligibility (wmedian)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 303
Format: numeric	Invalid: 0
Width: 5	Minimum: 1
Decimals: 2	Maximum: 32.3
Range: 1-32.3227157592773	

## Weight according to weak eligibility (wweak)

File: Chad\_2009\_2018

## Weight according to weak eligibility (wweak)

File: Chad\_2009\_2018

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 1.06088054180145-34.2924308776856

Valid cases: 303  
 Invalid: 0  
 Minimum: 1.1  
 Maximum: 34.3

see notes (strata)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 303  
 Invalid: 0

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 31  
 Invalid: 272

### Literal question

Is this establishment the headquarters location?

### Post question

If 2, SKIP TO A9

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 24  
 Invalid: 279

### Literal question

Does this headquarters location engage in production or sales at this location?

### Post question

If 2, TERMINATE

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

### File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

#### Literal question

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

#### Post question

If 2 or -9, SKIP TO B.5

#### Interviewer instructions

INTERVIEWER: PLEASE NOTE WHEN b1 IS 3 (SOLE PROPRIETORSHIP) and b4 is 1 (FIRM HAS A FEMALE OWNER), WRITE 100% FOR QUESTION b4a.

## % Of The Firm Owned By Females (b4a)

### File: Chad\_2009\_2018

#### Overview

Type: Continuous	Valid cases: 21
Format: numeric	Invalid: 282
Width: 3	
Decimals: 0	
Range: -9-100	

#### Literal question

What percentage of the firm is owned by females? Percentage of female ownership

#### Interviewer instructions

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

## SpeciFY The Internationally-Recognized Quality Certifications (b8x)

### File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 10
Format: character	Invalid: 0
Width: 8	

#### Literal question

Please specify the internationally-recognized quality certifications

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

### File: Chad\_2009\_2018

#### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 153  
Invalid: 150

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

In fiscal years 2009 and 2017, what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales?

### Interviewer instructions

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

## Please Also Write Out The Number (d2x)

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 89

Valid cases: 152  
Invalid: 0

### Literal question

In fiscal years 2009 and 2017, what were this establishment's total annual sales for ALL products and services?  
- Please also write out the number (i.e 50,000 as Fifty thousand)

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 9  
Invalid: 294

### Literal question

In reference to when this establishment exported goods directly, in clearing these goods through customs was an informal gift or payment expected or requested?

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-80	

### Literal question

In fiscal years 2009 and 2017, what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?

- Losses due to theft as percentage of the value of the product

### Post question

IF -7, GO TO QUESTION D.12

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 184
Width: 2	
Decimals: 0	
Range: -9-40	

### Literal question

In fiscal years 2009 and 2017, what percentage of value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?

- Losses due to breakage or spoilage as percentage of the value of the products

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 30
Format: numeric	Invalid: 273
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

In reference to when this establishment imported material inputs or supplies, in claiming these goods from customs was an informal gift or payment expected or requested?

## Percent of this establishment's direct export revenue was from CEDEAO (TRd1a)

File: Chad\_2009\_2018

### Overview

## Percent of this establishment's direct export revenue was from CEDEAO (TRd1a)

File: Chad\_2009\_2018

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

Valid cases: 15  
Invalid: 288

### Literal question

In fiscal years 2009 and 2017, what percent of this establishment's direct export revenue was from the following countries/areas: CEDEAO

## Percent of this establishment's direct export revenue was from EU (TRd1b)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

In fiscal years 2009 and 2017, what percent of this establishment's direct export revenue was from the following countries/areas: European Union

## Percent of this establishment's direct export revenue was from other countries (TRd1c)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

In fiscal years 2009 and 2017, what percent of this establishment's direct export revenue was from the following countries/areas: Rest of other countries

## What is the largest country destination of exports? (TRd1dx1)

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 24

Valid cases: 15  
Invalid: 0

### Literal question

Of all countries, which are the top two largest destinations for direct exports in terms of export revenues? Largest country destination of exports

## What is the second largest country destination of exports? (TRd2dx2)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: character	Invalid: 0
Width: 24	

### Literal question

Of all countries, which are the top two largest destinations for direct exports in terms of export revenues? Second largest country destination of exports

## When did it first started exporting? (TRd2)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 15
Format: numeric	Invalid: 288
Width: 4	
Decimals: 0	
Range: -9-2017	

### Literal question

Referring to this establishment's main partner market for direct export in fiscal year 2017, when did this establishment first exported directly to this market? Year establishment first exported directly to the main partner

### Interviewer instructions

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

## Were direct export to the main market finished goods for sale to final consumers (TRd3)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-3	

### Literal question

In fiscal years 2009 and 2017, were this establishment's direct export to the main market finished goods for sale to final consumers, or semi-finished goods to be used as inputs by other firms, or both finished and semi-finished goods.

## Main type of client this establishment had for its direct exports? (TRd4)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-5	

## Main type of client this establishment had for its direct exports? (TRd4)

File: Chad\_2009\_2018

### Literal question

In fiscal years 2009 and 2017, what was the main type of client this establishment had for its direct exports?

## First reason for this establishment to directly export? (TRd5a)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

What are the first and second main reasons for this establishment to directly export to its main export market? First main reason

## Second reason for this establishment to directly export? (TRd5b)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

What are the first and second main reasons for this establishment to directly export to its main export market? Second main reason

## Did the direct export operations to this market ever have to stop? (TRd6)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

Since this establishment first exported to its main market, did the direct export operations to this market ever have to stop?

### Post question

If 2 or -9, SKIP TO TRD.9

## How long did direct export operations stop (in weeks)? (TRd7)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 4
Format: numeric	Invalid: 299
Width: 2	
Decimals: 0	
Range: -9-40	

### Literal question

How long did this period of export inactivity last (no of weeks)? No of weeks the establishment stopped its direct export operations to the main market

## Testing and Certification as obstacle to exports (TRd9a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-4	

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market?  
- Testing and certification

## Pre-shipment physical controls as obstacle to exports (TRd9b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-4	

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures  
- Pre-shipment physical controls

## Quotas as obstacle to exports (TRd9c)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-4	

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures  
- Import licensing, quota or prohibitions in destination country

## Customs procedures as obstacle to exports (TRd9d)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures  
- Lengthy local customs procedures

## Cargo Handling as obstacle to exports (TRd9e)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Export/Import procedures  
- Cumbersome local cargo handling or other port procedures or requirements

## Restrictive foreign exchange as obstacle to exports (TRd9f)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Taxes and regulations in country of origin  
- Restrictive foreign exchange allocations

## High export taxes as obstacle to exports (TRd9g)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

## High export taxes as obstacle to exports (TRd9g)

File: Chad\_2009\_2018

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Taxes and regulations in country of origin

- High or discriminatory export taxes or charges

## Lack of Finance as obstacle to exports (TRd9h)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support)

- Lack of export financing

## Marketing Conditions as obstacle to exports (TRd9i)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support)

- Little information on marketing conditions in export markets

## Support in new markets as obstacle to exports (TRd9j)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 15  
Invalid: 288

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support)

- Lack of support to prospect new markets

## Transportation Costs as obstacle to exports (TRd9l)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-4	

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Access to inputs (or public support)

- Issues with transport services (high cost, monopoly, etc.)

## Complex trade agreements as obstacle to exports (TRd9m)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-4	

### Literal question

Using the response options on the card, please mark to what degree are each of the following elements in the origin country are a significant obstacle to this establishment's exports to its main partner market? Trade regulations

- Complex or changing application of trade agreements

## The biggest obstacle in main exports is? (TRd11)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 15
Format: numeric	Invalid: 288
Width: 2	
Decimals: 0	
Range: -9-17	

### Literal question

By looking at card TR6 can you tell me which of the elements included in the list, if any, currently represents the biggest obstacle faced by this establishment in direct export operations to its main market

## Percent of supplies was from CEDEAO? (TRd13a)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 19
Format: numeric	Invalid: 284
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

## Percent of supplies was from CEDEAO? (TRd13a)

File: Chad\_2009\_2018

In fiscal years 2009 and 2017, what percentage of this establishment's supplies from outside of the country was from the following countries/areas? Most important supplies is defined as the supplier which provided the highest value of material inputs or supplies.

- CEDEAO (excluding Chad)

## Percent of supplies was from EU? (TRd13b)

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-95

Valid cases: 19  
Invalid: 284

### Literal question

In fiscal year 2017, what percentage of this establishment's supplies from outside of the country was from the following countries/areas? Most important supplies is defined as the supplier which provided the highest value of material inputs or supplies.

- European Union

## Percent of supplies was from other countries? (TRd13c)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 19  
Invalid: 284

### Literal question

In fiscal years 2009 and 2017, what percentage of this establishment's supplies from outside of the country was from the following countries/areas? Most important supplies is defined as the supplier which provided the highest value of material inputs or supplies.

- Rest of other countries

## Which country is the biggest source of supplies? (TRd13cx)

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 32

Valid cases: 19  
Invalid: 0

### Literal question

Of all the countries the firm receives supplies from, which country is the biggest source of supplies?

## For how many years business is done with main supplier (foreign or domestic) (TRd14)

File: Chad\_2009\_2018

## For how many years business is done with main supplier (foreign or domestic) (TRd14)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 24
Format: numeric	Invalid: 279
Width: 2	
Decimals: 0	
Range: -9-54	

### Literal question

For how many years has this establishment been doing business with the most important supplier (foreign or domestic)?  
Number of year of business with the most important supplier

## Main source of information used to find supplier is? (TRd15)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 24
Format: numeric	Invalid: 279
Width: 2	
Decimals: 0	
Range: -9-8	

### Literal question

What was the main source of information used by this establishment to find this supplier?

## Main source of confidence to do business with main supplier is? (TRd16)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 24
Format: numeric	Invalid: 279
Width: 2	
Decimals: 0	
Range: -9-8	

### Literal question

At the time when the business with this supplier started, what was the main reason for this establishment's confidence to make business with this new supplier?

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 74
Format: numeric	Invalid: 229
Width: 2	
Decimals: 0	
Range: -9-3	

### Literal question

In fiscal years 2009 and 2017, which of the following was the main market in which this establishment sold its main product?

### Post question

## In Last FY, Main Market For Establishment'S Main Product (e1) File: Chad\_2009\_2018

If 3 or -9

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 74  
Invalid: 229

### Literal question

In fiscal years 2009 and 2017, for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face? Number of competitors.

## Establishment Part Of Formal Or Informal Business Association? (AFe31)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

Is this establishment part of a formal or informal business association (e.g. Chamber of Commerce)?

## During Last Fiscal Year Has Establishment Made Use Of External Advice For Busine (AFe32)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

Over the last fiscal year [insert last complete fiscal year], has this business made use of external advice for the management of the business?

### Post question

If 2, GO TO QUESTION AFE.34

## Peers (Other Business) - Type Of Advisors (AFe33a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What type of advisors were used?  
- Peers (other businesses)

## Paid Professionals (Consultants) - Type Of Advisors (AFe33b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What type of advisors were used?  
- Paid professionals

## Clients Or Suppliers - Type Of Advisors (AFe33c)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What type of advisors were used?  
- Clients or suppliers

## Governments Or Donor Funded Institutions - Type Of Advisors (AFe33d)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What type of advisors were used?  
- Governments or donors funded institutions

## Incubators - Type Of Advisors (AFe33e)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What type of advisors were used?  
- Incubators

## Acceleratos Programs - Type Of Advisors (AFe33f)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What type of advisors were used?  
- Accelerator programs

## Other (AFe33g)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 264
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What type of advisors were used?  
- Other

## Other SpeciFY (AFe33gx)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 7
Format: character	Invalid: 0
Width: 38	

### Literal question

What type of advisors were used?  
- Other, specify

## Rate Overall Business Support Systems In City Establishment Is Located (AFe34)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

How do you rate the overall quality of business support systems in the city the establishment is located? Business support systems in the city

### Interviewer instructions

INTERVIEWER: PLEASE READ OUT THE QUESTIONS

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

During the last three years, has this establishment introduced new or significantly improved products or services?

### Post question

If 2 or -9, GO TO QUESTION H.5

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 56
Format: numeric	Invalid: 247
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Were any of the new or significantly improved products or services also new for the establishment's main market?

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 56
Format: character	
Width: 123	

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

File: Chad\_2009\_2018

### Literal question

Please describe in detail the main new or significantly improved product or service that this establishment introduced during the last three years. The main new or significantly improved product or service is the one that represented the largest proportion of this establishment's sales in value (not volume) during the last three years.

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

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 55

Valid cases: 56  
Invalid: 0

### Literal question

Please describe in detail how the main new or significantly improved product or service is different than the most similar product or service, if any, previously produced by this establishment.

### Interviewer instructions

IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

During the last three years, has this establishment introduced any new or significantly improved process, that is: methods of manufacturing products or offering services; logistics, delivery, or distribution methods for inputs, products, or services; or supporting activities for processes?

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

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 86

Valid cases: 24  
Invalid: 0

### Literal question

Please describe in detail the main new or significantly improved process that this establishment introduced during the last three years. The main innovative process is the innovative process that had the largest impact on the operations of the establishment during the last three years.

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

File: Chad\_2009\_2018

### Overview

Type: Discrete

Format: character

Width: 93

Valid cases: 24

Invalid: 0

### Literal question

Please describe in detail how the main new or significantly improved process is different than the most similar process that is or was used by this establishment

### Interviewer instructions

IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"

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

File: Chad\_2009\_2018

### Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -9-2

Valid cases: 153

Invalid: 150

### Literal question

During last fiscal year, did this establishment spend on formal research and development activities, either in-house or contracted with other companies, excluding market research surveys?

### Post question

If 2 or -9, GO TO QUESTION F.1

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

File: Chad\_2009\_2018

### Overview

Type: Continuous

Format: numeric

Width: 8

Decimals: 0

Range: -9-75000000

Valid cases: 18

Invalid: 285

### Literal question

During last fiscal year, how much did this establishment spend on formal research and development activities, either in-house or contracted with other companies?

Cost of formal research and development activities

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

File: Chad\_2009\_2018

### Overview

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

File: Chad\_2009\_2018

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

Valid cases: 74  
Invalid: 229

### Literal question

In fiscal year 2017, what was this establishment's output produced as a proportion of the maximum output possible if using all the resources available (capacity utilization)? Capacity utilization

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 74  
Invalid: 229

### Literal question

In fiscal years 2009 and 2017, how many hours per week did this establishment normally operate? Typical hours of operation in a week

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

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

File: Chad\_2009\_2018

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

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

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100% (g6a + g6b + g6c) UNLESS RESPONDENT DOES NOT KNOW)

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### 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: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### 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: Chad\_2009\_2018

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 150
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

Of the land occupied by this establishment, what percent is: Other

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100% (g1a + g1b + g1c) UNLESS RESPONDENT DOES NOT KNOW OR IF ESTABLISHMENT OCCUPIES A FLOOR IN A BUILDING

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 18
Format: numeric	Invalid: 285
Width: 3	
Decimals: 0	
Range: -9-250	

### Literal question

What is the total selling area of this establishment? Area

## The Area Is Measured In: (g5b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 14
Format: numeric	Invalid: 289
Width: 1	
Decimals: 0	
Range: 1-4	

### Literal question

What is the total selling area of this establishment? Specify units

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

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 0
Format: character	Invalid: 0
Width: 1	

### Literal question

What is the total selling area of this establishment? Other units (specify)

## Working Capital - % Microfinance Institutions (AFk3a)

### File: Chad\_2009\_2018

#### Overview

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

Valid cases: 7  
 Invalid: 296

#### Literal question

Among non-bank financial institutions over fiscal years 2009 and 2017, please estimate the proportion of this establishment's working capital that is the funds available for day-to-day operations, that was financed by microfinance institutions? Microfinance institutions

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

### File: Chad\_2009\_2018

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 0  
 Range: -9-235000000

Valid cases: 18  
 Invalid: 285

#### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU  
 - Internal funds or retained earnings

#### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - Value Owners' Contribution Or Issued New Equity Shares (k5i1)

### File: Chad\_2009\_2018

#### Overview

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

Valid cases: 18  
 Invalid: 285

#### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU  
 - Owners' contribution or issued new equity shares

#### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - Value Borrowed From Banks (k5bc1)

### File: Chad\_2009\_2018

#### Overview

## Fixed Assets - Value Borrowed From Banks (k5bc1)

File: Chad\_2009\_2018

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: -9-30000000

Valid cases: 18  
 Invalid: 285

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU  
 - Borrowed from banks: private and state-owned

### Post question

If 0 or -9, GO TO QUESTION K.4b

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 18  
 Invalid: 285

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU  
 - Borrowed from non-bank financial institutions

### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers (k5f1)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 18  
 Invalid: 285

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU  
 - Purchases on credit from suppliers and advances from customers

### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - % Quasi Equity Instrument (AFk5hdj\_a1)

File: Chad\_2009\_2018

## Fixed Assets - % Quasi Equity Instrument (AFk5hdj\_a1)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 272
Width: 2	
Decimals: 0	
Range: -9-20	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent  
- Quasi equity instruments (mezzanine and sub-ordinate debt)

### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - Value Quasi Equity Instrument (AFk5hdj\_a1\_1)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 18
Format: numeric	Invalid: 285
Width: 7	
Decimals: 0	
Range: -9-5000000	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Amount LCU  
- Quasi equity instruments (mezzanine and sub-ordinate debt)

### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - % Other (AFk5hdj\_a2)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 272
Width: 2	
Decimals: 0	
Range: -9-59	

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the following sources: Percent  
- Other, moneylenders, friends, relatives, bonds, etc

### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - Value Other (AFk5hdj\_a2\_1)

File: Chad\_2009\_2018

### Overview

## Fixed Assets - Value Other (AFk5hdj\_a2\_1)

File: Chad\_2009\_2018

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

Valid cases: 18  
Invalid: 285

### Literal question

Over fiscal years 2009 and 2017, please estimate the proportion or the total amount of this establishment's total purchase of fixed assets that was financed from each of the - Other, moneylenders, friends, relatives, bonds, etc

### Post question

If 0 or -9, GO TO QUESTION K.4b

## Fixed Assets - % Microfinance Institutions (AFk5e2)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 3  
Invalid: 300

### Literal question

Among non-bank financial institutions over fiscal years 2009 and 2017, please estimate the proportion of this establishment's total purchase of fixed assets that was financed by microfinance institutions?

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

Now turning to fiscal year 2016, did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-4400000000

Valid cases: 45  
Invalid: 258

### Literal question

How much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment

## Total Annual Expenditure On Land And Buildings In Year Prior To Last FY (n5d)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 45
Format: numeric	Invalid: 258
Width: 9	
Decimals: 0	
Range: -9-370000000	

### Literal question

How much did this establishment spend on purchases of: Land and buildings including expansion and renovations of existing structures?

## Line Of Credit Or Loan From Microfinance Institution? (mc1)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 301
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Among non-bank financial institutions, did microfinance institutions grant the most recent line of credit or loan?

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 21
Format: numeric	Invalid: 282
Width: 2	
Decimals: 0	
Range: -9-5	

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 19
Format: numeric	Invalid: 284
Width: 10	
Decimals: 0	
Range: -9-3500000000	

### Literal question

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

File: Chad\_2009\_2018

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

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

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 6  
Invalid: 297

### Literal question

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

## Does Establishment Use Mobile Money For Transactions (MMs1)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

In its current operations, does this establishment use mobile money for any of its financial transactions?

### Post question

If 2 or -9, GO TO QUESTION MMS.11

## In A Typical Month In Last Fiscal Year How Many Days Were Mobile Money Used? (MMs1a)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 18
Format: numeric	Invalid: 285
Width: 2	
Decimals: 0	
Range: -9-31	

### Literal question

In a typical month in fiscal years 2009 and 2017, over how many days were mobile money used? Days of mobile money use

## Main Reason Establishment Started Using Mobile Money? (MMs2)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 18
Format: numeric	Invalid: 285
Width: 2	
Decimals: 0	
Range: -9-6	

### Literal question

Please indicate the main reason this establishment started using mobile money for any of its financial transaction.

## In Last Fiscal Year Was Mobile Money Used To Pay Employees? (MMs3)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 18
Format: numeric	Invalid: 285
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

In the last complete fiscal year, did this establishment use mobile money to pay its employees?

### Post question

If 2 or -9, GO TO QUESTION MMS.5

## % Total Labor Cost Paid Using Mobile Money Last Fiscal Year? (MMs4)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 3
Format: numeric	Invalid: 300
Width: 2	
Decimals: 0	
Range: -9-25	

### Literal question

## % Total Labor Cost Paid Using Mobile Money Last Fiscal Year? (MMs4)

File: Chad\_2009\_2018

In the last complete fiscal year, what percentage of total labor cost (salaries and wages of its employees) was paid by this establishment using mobile money?

## In Last Fiscal Year Was Mobile Money Used To Pay Suppliers? (MMs5)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 18  
Invalid: 285

### Literal question

In the last complete fiscal year, did this establishment use mobile money to pay its suppliers?

### Post question

If 2 or -9, GO TO QUESTION MMS.7

## % Annual Cost Of Raw Materials Paid Using Mobile Money Last Fiscal Year (MMs6)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 4  
Invalid: 299

### Literal question

In the last complete fiscal year, what percentage of the total annual cost of raw materials and intermediate goods (suppliers' bills) was paid by this establishment using mobile money?

## In Last Fiscal Year Was Mobile Money Used To Pay Utilities Bill? (MMs7)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 18  
Invalid: 285

### Literal question

In the last complete fiscal year, did this establishment use mobile money to pay the utility bills of the enterprise?

### Post question

If 2 or -9, GO TO QUESTION MMS.9

## % Annual Cost Of Utilities Paid Using Mobile Money (MMs8)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 7
Format: numeric	Invalid: 296
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

In the last complete fiscal year, what percentage of the total annual cost of utilities (utilities companies' bills) was paid by this establishment using mobile money?

## In Last Fiscal Year Did Establishment Use Mobile Money To Receive Payments From (MMs9)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 18
Format: numeric	Invalid: 285
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

In the last complete fiscal year, did this establishment use mobile money to receive payments from customers?

## % Annual Sales To Receive Payments From Customers (MMs10)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 8
Format: numeric	Invalid: 295
Width: 2	
Decimals: 0	
Range: -9-50	

### Literal question

In the last complete fiscal year, what percentage of annual sales did this establishment receive from customers using mobile money?

## Reason Establishment Did Not Use Mobile Money - Don'T Know About Mobile Money (MMs11a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 135
Format: numeric	Invalid: 168
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Why does this establishment not use mobile money for financial transactions?  
- Don't know enough about mobile money

## Reason Establishment Don'T Use Mobile Money - Fees To High (MMs11b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 135
Format: numeric	Invalid: 168
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Why does this establishment not use mobile money for financial transactions?  
- Fees are too high

## Reason Establishment Don'T Use Mobile Money - Payments Too Large (MMs11c)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 135
Format: numeric	Invalid: 168
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Why does this establishment not use mobile money for financial transactions?  
- Most of this establishment's payment are too large to use mobile money

## Reason Establishment Don'T Use Mobile Money - Not Easy To Use (MMs11d)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 135
Format: numeric	Invalid: 168
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Why does this establishment not use mobile money for financial transactions?  
- Not easy to use

## Reason Establishment Don'T Use Mobile Money - Customers Don'T Use Mobile Money (MMs11e)

File: Chad\_2009\_2018

### Overview

## Reason Establishment Don'T Use Mobile Money - Customers Don'T Use Mobile Money (MMs11e)

File: Chad\_2009\_2018

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

Valid cases: 135  
Invalid: 168

### Literal question

Why does this establishment not use mobile money for financial transactions?  
- Customers don't use mobile money

## Reason Establishment Don'T Use Mobile Money - Suppliers Don'T Use Mobile Money (MMs11f)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 135  
Invalid: 168

### Literal question

Why does this establishment not use mobile money for financial transactions?  
- Suppliers don't use mobile money

## In Fiscal Years 2012-2015 Has Establishment Used Finance From Microfinance Insti (mc2)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

In fiscal years [2014-2017] has the establishment used financing from microfinance institutions?

### Post question

If 2, GO TO QUESTION MC.6

## Stopped Or Reduced Financing From Microfinance Institutions Since FY 2012-2015? (mc3)

File: Chad\_2009\_2018

### Overview

## Stopped Or Reduced Financing From Microfinance Institutions Since FY 2012-2015? (mc3)

File: Chad\_2009\_2018

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

Valid cases: 9  
Invalid: 294

### Literal question

Has this establishment reduced or stopped its use of financing from microfinance institution since fiscal years [2014-2017]?

### Post question

If 2, GO TO QUESTION J.1

## Main Reason Stopped Or Reduced Financing From Microfinance Institutions? (mc4)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 2  
Invalid: 301

### Literal question

What was the main reason for reducing or stopping the use of financing from microfinance institutions?

## Other (mc4x)

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

### Literal question

What was the main reason for reducing or stopping the use of financing from microfinance institutions?

- Other

## Did Establishment Used Alternate Financing After Reduction Or Termination Of Mic (mc5)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 2  
Invalid: 301

### Literal question

Did this establishment use alternate sources of financing given the reduction or termination of financing from microfinance institutions in fiscal years [2014-2017]?

## Did Establishment Used Alternate Financing After Reduction Or Termination Of Mic (mc5)

File: Chad\_2009\_2018

### Post question

If 1,2, or -9, GO TO QUESTION J.1

## Main Reason Not Using Financing From Microfinance Institutions? (mc6)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 144  
Invalid: 159

### Literal question

What was the main reason for not using financing from microfinance institutions?

## Other (mc6x)

File: Chad\_2009\_2018

### Overview

Type: Discrete  
Format: character  
Width: 27

Valid cases: 2  
Invalid: 0

### Literal question

What was the main reason for not using financing from microfinance institutions?  
- Other

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

File: Chad\_2009\_2018

### Overview

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

Valid cases: 74  
Invalid: 229

### Literal question

Coming back to fiscal years 2009 and 2017, at the end of the fiscal year, how many permanent, full-time individuals in this establishment were: Production workers

## Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers (l3b)

File: Chad\_2009\_2018

## Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers (l3b)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 74
Format: numeric	Invalid: 229
Width: 2	
Decimals: 0	
Range: -9-80	

### Literal question

Coming back to fiscal years 2009 and 2017, at the end of the fiscal year, how many permanent, full-time individuals in this establishment were: Non-production workers [e.g., managers, administration, sales]

## Num. Of Permanent, Full-Time Highly Skilled Production Workers, Last FY (l4a1)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 74
Format: numeric	Invalid: 229
Width: 2	
Decimals: 0	
Range: -9-60	

### Literal question

At the end of fiscal years 2009 and 2017, how many permanent, full-time individuals working in this establishment were: Highly skilled production workers

## Num. Of Permanent, Full-Time Semi Skilled Production Workers, Last FY (l4a2)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 74
Format: numeric	Invalid: 229
Width: 2	
Decimals: 0	
Range: -9-50	

### Literal question

At the end of fiscal years 2009 and 2017, how many permanent, full-time individuals working in this establishment were: Semi-skilled production workers

## Num. Of Permanent, Full-Time Unskilled Production Workers, Last FY (l4b)

File: Chad\_2009\_2018

### Overview

## Num. Of Permanent, Full-Time Unskilled Production Workers, Last FY (l4b)

File: Chad\_2009\_2018

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

Valid cases: 74  
Invalid: 229

### Literal question

At the end of fiscal years 2009 and 2017, how many permanent, full-time individuals working in this establishment were: Unskilled production workers

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female Production Workers (l5a)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 74  
Invalid: 229

### Literal question

At the end of fiscal years 2009 and 2017, how many permanent full-time individuals working in this establishment in the following categories were female?

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female Non-Production Workers (l5b)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 74  
Invalid: 229

### Literal question

At the end of fiscal years 2009 and 2017, how many permanent full-time individuals working in this establishment in the following categories were female?

## Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr (l6a)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 57  
Invalid: 246

### Literal question

## Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr (16a)

File: Chad\_2009\_2018

How many full-time seasonal or temporary employees employed during and 2009 and 2017 were female?

## % Of Full Time Workers Completed High School (19b)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

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

## % Permanent Full-Time Production Employees Received Formal Training In Last FFY (111a)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 11  
Invalid: 292

### Literal question

Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)

- Production full-time permanent employees trained - Percent

## Training Programs Amount: Production Full-Time Permanent Employees Trained (111a1)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 14  
Invalid: 289

### Literal question

Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)

- Production full-time permanent employees trained - Number

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

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 11
Format: numeric	Invalid: 292
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)

- Non-production full-time permanent employees trained - Percent

## Training Programs Amount:Non-Production Full-Time Permanent Employees Trained (l11b1)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 14
Format: numeric	Invalid: 289
Width: 2	
Decimals: 0	
Range: -9-8	

### Literal question

Referring to the training programs run over fiscal years 2009 and 2017, what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)

- Non-production full-time permanent employees trained - Number

## Accounting Skills (AF111a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

- Accounting skills

## Marketing Skills (AF111b)

File: Chad\_2009\_2018

### Overview

## Marketing Skills (AF111b)

File: Chad\_2009\_2018

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

Valid cases: 153  
Invalid: 150

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

- Marketing skills

## Interpersonal And Communication Skills (AF111c)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

- Interpersonal and communication skills

## Writing Skills (AF111d)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

- Writing skills

## English Skills (AF111e)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 153  
Invalid: 150

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

- English skills

## Computer Skills / General It Skills (AF11f)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

- Computer skills / General IT skills

## Technical Skills, Other Than Computers / Vocational, Job-Specific Skills (AF11g)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

- Technical skills, other than computers / vocational, job-specific skills

## Over The Last Two Years, Did This Establishment Hire Or Try To Hire Any Skilled (AF112)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION AFL.14

## There Were No Or Few Or Applicants (AF113a)

File: Chad\_2009\_2018

### Overview

## There Were No Or Few Or Applicants (AF113a)

File: Chad\_2009\_2018

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

Valid cases: 36  
Invalid: 267

### Literal question

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

## There Were No Or Few Or Applicants (AF113b)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 36  
Invalid: 267

### Literal question

Did the establishment encounter any of the following problems when trying to hire a skilled worker?  
- Applicants lacked required skills

## Applicants Expected Higher Wages Than We Can Offer (AF113c)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 36  
Invalid: 267

### Literal question

Did the establishment encounter any of the following problems when trying to hire a skilled worker?  
- Applicants expected higher wages than we can offer

## Applicants Expected Higher Wages Than We Can Offer (AF113d)

File: Chad\_2009\_2018

### Overview

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

Valid cases: 36  
Invalid: 267

### Literal question

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

## Other (AF113e)

### File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 36
Format: numeric	Invalid: 267
Width: 2	
Decimals: 0	
Range: -9-2	

#### Literal question

Did the establishment encounter any of the following problems when trying to hire a skilled worker?  
- Other

## Please Specify (AF113x)

### File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 2
Format: character	Invalid: 0
Width: 30	

#### Literal question

Did the establishment encounter any of the following problems when trying to hire a skilled worker?  
- Other specify

## Name Of University (AF114a1x)

### File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 153
Format: character	Invalid: 0
Width: 54	

#### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.  
- Name of University

## Quality Of Employees Hired (AF114d1)

### File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 49
Format: numeric	Invalid: 254
Width: 2	
Decimals: 0	
Range: -9-4	

#### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.  
- Quality of employees hired

## Name Of University (AFI14a2x)

File: Chad\_2009\_2018

### Overview

Type: Discrete

Format: character

Width: 61

Valid cases: 153

Invalid: 0

### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

- Name of University

## Quality Of Employees Hired (AFI14d2)

File: Chad\_2009\_2018

### Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -9-4

Valid cases: 23

Invalid: 280

### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

- Quality of employees hired

## Name Of University (AFI14a3x)

File: Chad\_2009\_2018

### Overview

Type: Discrete

Format: character

Width: 42

Valid cases: 153

Invalid: 0

### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

- Name of University

## Quality Of Employees Hired (AFI14d3)

File: Chad\_2009\_2018

### Overview

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -9-4

Valid cases: 11

Invalid: 292

### Literal question

## Quality Of Employees Hired (AF114d3)

File: Chad\_2009\_2018

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

- Quality of employees hired

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-75000000

Valid cases: 18  
Invalid: 285

### Literal question

From this establishment's Income Statement for fiscal year 2017, please provide the following information: Total annual cost of finished goods and materials purchased to resell

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-518000000

Valid cases: 74  
Invalid: 229

### Literal question

From this establishment's Income Statement for fiscal year 2017, please provide the following information: Total cost of sales

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

File: Chad\_2009\_2018

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-5571036000

Valid cases: 74  
Invalid: 229

### Literal question

From this establishment's Balance Sheet for fiscal years 2009 and 2017, what was the net book value, that is the value of assets after depreciation, of the following: Machinery, vehicles, and equipment

## Close Year of The Last Completed Fiscal Year (a20y)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 4	
Decimals: 0	
Range: 2017-2017	

### Literal question

On which calendar date did the last completed fiscal year end? Year

## Close Month of The Last Completed Fiscal Year (a20m)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: 12-12	

### Literal question

On which calendar date did the last completed fiscal year end? Month

## Close Day of The Last Completed Fiscal Year (a20d)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: 31-31	

### Literal question

On which calendar date did the last completed fiscal year end? Day

## stratification region code (stratificationregioncode)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 150
Width: 1	
Decimals: 0	
Range: 1-1	

## stratification size code (stratificationsizecode)

File: Chad\_2009\_2018

### Overview

## stratification size code (stratificationsizecode)

File: Chad\_2009\_2018

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

Valid cases: 153  
 Invalid: 150

## stratification sector code (stratificationsectorcode)

File: Chad\_2009\_2018

**Overview**

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

Valid cases: 153  
 Invalid: 150

## panel code (stratificationpanelcode)

File: Chad\_2009\_2018

**Overview**

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

Valid cases: 153  
 Invalid: 150

## a.5 sector match between screener information and sample frame (a5)

File: Chad\_2009\_2018

**Overview**

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

Valid cases: 150  
 Invalid: 153

## a.8 type of establishment (a8)

File: Chad\_2009\_2018

**Overview**

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

Valid cases: 150  
 Invalid: 153

## a.10 establishment financial statements separate from other establishments (a10)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -7-2	

## are the owners of the firm: (b3a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-5	

## is the largest owner female? (b3b)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 35
Format: numeric	Invalid: 268
Width: 2	
Decimals: 0	
Range: -9-2	

## what is the nationality of origin of the current largest owner? (AFb4a)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-6	

## main african nationality (AFb4a1)

File: Chad\_2009\_2018

### Overview

Type: Discrete	Valid cases: 125
Format: numeric	Invalid: 178
Width: 1	
Decimals: 0	
Range: 1-4	

main "other asian" nationality (AFb4a4)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 1-1	

how did the largest owner acquire ownership of this firm? (b3c)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-5	

the family business was joined by: (b3d)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 9
Format: numeric	Invalid: 294
Width: 2	
Decimals: 0	
Range: -9-3	

which of the following best describes why the largest owner took over this firm? (b3e)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-2	

involvement of the largest owner in decision making (b3f)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-6	

b.3f other (b3fx)

File: Chad\_2009\_2018

**Overview**

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

what is the highest level of education of the current top manager?  
(AFb7a)

File: Chad\_2009\_2018

**Overview**

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

Valid cases: 150  
Invalid: 153

is this establishment located in an export processing or other  
industrial zone? (AFb8a)

File: Chad\_2009\_2018

**Overview**

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

Valid cases: 150  
Invalid: 153

application to obtain a telephone connection submitted over the  
last two years (c19)

File: Chad\_2009\_2018

**Overview**

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

Valid cases: 150  
Invalid: 153

how many days did it take for you to receive a telephone  
connection service? (c20)

File: Chad\_2009\_2018

**Overview**

how many days did it take for you to receive a telephone connection service? (c20)

File: Chad\_2009\_2018

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

Valid cases: 38  
Invalid: 265

when you applied for a telephone connection was an informal gift requested? (c21)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 38  
Invalid: 265

neighboring countries within sub-saharan africa (AFd3f)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 16  
Invalid: 287

developed countries (AFd3g)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 16  
Invalid: 287

other (AFd3h)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 16  
Invalid: 287

in 2008, when exporting directly, what is the main point of exit used? (AFd3jx)

File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 9
Format: character	Invalid: 0
Width: 19	

total clearing costs for an average consignment as a % of consignment value (AFd5a)

File: Chad\_2009\_2018

#### Overview

Type: Continuous	Valid cases: 9
Format: numeric	Invalid: 294
Width: 3	
Decimals: 0	
Range: -9-110	

in 2008, no. years you have known your primary supplier of your main input? (AFd11a)

File: Chad\_2009\_2018

#### Overview

Type: Continuous	Valid cases: 59
Format: numeric	Invalid: 244
Width: 2	
Decimals: 0	
Range: -9-58	

in 2008, did you subcontract any part of your production to other firms? (AFd11d)

File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 59
Format: numeric	Invalid: 244
Width: 2	
Decimals: 0	
Range: -9-2	

estimated local market share of your main product line, in fiscal year 2008. (AFe1a)

File: Chad\_2009\_2018

#### Overview

estimated local market share of your main product line, in fiscal year 2008. (AFe1a)

File: Chad\_2009\_2018

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

Valid cases: 59  
Invalid: 244

% of total annual purchases paid for before the delivery in last fiscal year (k1a)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

and what percent were: paid on delivery? (k1b)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

% of total annual sales paid for before the delivery in last fiscal year (k2a)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

and what percent were: paid on delivery? (k2b)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

other (moneylenders, friends, relatives, bonds, commercial papers etc) (V378)

File: Chad\_2009\_2018

#### Overview

Type: Continuous	Valid cases: 95
Format: numeric	Invalid: 208
Width: 2	
Decimals: 0	
Range: -9-50	

what is the rate of interest of this most recent line of credit or loan? (AFk10a)

File: Chad\_2009\_2018

#### Overview

Type: Continuous	Valid cases: 28
Format: numeric	Invalid: 275
Width: 2	
Decimals: 0	
Range: -9-20	

at end of 2008, how many part-time workers were employed by this establishment? (AF18a)

File: Chad\_2009\_2018

#### Overview

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 153
Width: 3	
Decimals: 0	
Range: -9-616	

what percent of this establishment's workforce is currently unionized? (V381)

File: Chad\_2009\_2018

#### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 3	
Decimals: 0	
Range: -9-100	

do you currently have a pre-employment health check for new employees? (AFs1y)

File: Chad\_2009\_2018

#### Overview

do you currently have a pre-employment health check for new employees? (AFs1y)

File: Chad\_2009\_2018

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

Valid cases: 150  
Invalid: 153

high absenteeism due to sickness (AFs1a)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

high absenteeism as employees care for family members or friends due to sickness (AFs1b)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

high absenteeism due to hiv/aids (AFs2a)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

high absenteeism as employees care for family members or friends due to hiv/aids (AFs2b)

File: Chad\_2009\_2018

#### Overview

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

Valid cases: 150  
Invalid: 153

## hiv prevention messages (AFs3a)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-2	

## free condom distribution (AFs3b)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-2	

## anonymous hiv testing (AFs3c)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-2	

## cost of all aids/hiv programs and activities (AFs4)

File: Chad\_2009\_2018

**Overview**

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 153
Width: 7	
Decimals: 0	
Range: -9-6000000	

## rotation order (m1d)

File: Chad\_2009\_2018

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 153
Width: 2	
Decimals: 0	
Range: -9-15	

## ID number of 2009 survey (id2009)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 153
Width: 3	Minimum: 1
Decimals: 0	Maximum: 150
Range: 1-150	

## ID number of 2018 survey (id2018)

File: Chad\_2009\_2018

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 150
Width: 4	Minimum: 2
Decimals: 0	Maximum: 1256
Range: 2-1256	

## Related Materials

### Questionnaires

#### Chad Enterprise Survey 2018, Manufacturing Module Questionnaire

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Title Chad Enterprise Survey 2018, Manufacturing Module Questionnaire  
 Author(s) The World Bank  
 Country Chad  
 Language English  
 Filename Chad 2018 ES Manufacturing EN.pdf

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#### Chad Enterprise Survey 2018, Services Module Questionnaire

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Title Chad Enterprise Survey 2018, Services Module Questionnaire  
 Author(s) The World Bank  
 Country Chad  
 Language English  
 Filename Chad 2018 ES Services EN.pdf

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#### Enquête auprès des entreprises, Tchad Module sur les industries manufacturières (2018)

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Title Enquête auprès des entreprises, Tchad Module sur les industries manufacturières (2018)  
 Author(s) The World Bank  
 Country Chad  
 Language French  
 Filename Chad 2018 ES Manufacturing FR.pdf

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#### Enquête auprès des entreprises, Tchad Module sur les services (2018)

---

Title Enquête auprès des entreprises, Tchad Module sur les services (2018)  
 Author(s) The World Bank  
 Country Chad  
 Language French  
 Filename Chad 2018 ES Services FR.pdf

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#### Service Show Card

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Title Service Show Card  
 Country Chad  
 Language English  
 Filename Chad 2018 ES Services SHOW CARDS.pdf

---

#### Manufacturing Show Card

---

Title Manufacturing Show Card  
 Country Chad

Language English  
 Filename Chad 2018 ES Manufacturing SHOW CARDS.pdf

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## Services Questionnaire

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Title Services Questionnaire  
 Country Chad  
 Language English  
 Filename Chad 2009 ES Services EN.pdf

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## Manufacturing Questionnaire

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Title Manufacturing Questionnaire  
 Country Chad  
 Language English  
 Filename Chad 2009 ES Manufacturing EN.pdf

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## Screener Questionnaire

---

Title Screener Questionnaire  
 Country Chad  
 Language English  
 Filename SCREENER\_Africa\_ES\_English.pdf

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## Show Card

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Title Show Card  
 Country Chad  
 Language English  
 Filename Chad 2009 ES SHOW CARDS.pdf

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## Reports

### The Chad 2018 Enterprise Surveys Data Set

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Title The Chad 2018 Enterprise Surveys Data Set  
 Author(s) The World Bank  
 Country Chad  
 Language English  
 Filename Chad 2018 ES Implementation Report.pdf

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### Chad Country Profile 2009

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Title Chad Country Profile 2009  
 Language English  
 Description Country Profiles provide key investment climate indicators for a country with benchmarks against their respective regional and income groups. The set of covered topics includes perceived obstacles, the average firm, corruption, taxes and regulations, access to finance, infrastructure, workforce, crime, informality, innovation, and trade. These 15-18 page documents contain mostly figures and tables for easy visual display.  
 Filename <https://www.enterprisesurveys.org/documents/EnterpriseSurveys/Reports/Chad-2009.pdf>

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## Technical documents

### Description of Chad Implementation 2009

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Title Description of Chad Implementation 2009  
Language English  
Filename Chad-2009-implementation note.pdf

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### Questionnaire Manual

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Title Questionnaire Manual  
Language English  
Filename <https://www.enterprisesurveys.org/Documents/QuestionnaireManual2010.pdf>

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### Sampling Methodology

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Title Sampling Methodology  
Language English  
Filename [http://www.enterprisesurveys.org/Documents/Sampling\\_Note.pdf](http://www.enterprisesurveys.org/Documents/Sampling_Note.pdf)

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### Enquête auprès des Entreprises de la Banque mondiale, Comprendre le Questionnaire

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Title Enquête auprès des Entreprises de la Banque mondiale, Comprendre le Questionnaire  
Date 2018-01-01  
Country Chad  
Language French  
Filename Chad 2018 ES Questionnaire Manual.pdf

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