

# Chad - Enterprise Survey 2018

**The World Bank**

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# Sampling

## Sampling Procedure

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The sample for 2018 Chad ES was selected using stratified random sampling, following the methodology explained in the [Sampling Note](#).

Three levels of stratification were used in this country: industry, establishment size, and region. The original sample design with specific information of the industries and regions chosen is described in Appendix C.

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).

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

Regional stratification did not take place for the Chad ES.

Note: See Sections II and III of "The Chad 2018 Enterprise Surveys Data Set" report for additional details on the sampling procedure.

# 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). Each variation of the questionnaire is identified by the index variable, a0.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2018-02	2018-04	N/A

### 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\_2018\_full\_data

Content	Firm/ establishment level data
Cases	153
Variable(s)	343
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V1	idstd	WEB STD FIRMID	contin	numeric	
V2	id	Firm Id	contin	numeric	
V3	a4a	Industry Sampling Sector	discrete	numeric	Sampling Information - Sampling sector
V4	a6a	Sampling Size	discrete	numeric	Sampling Information - Sampling size
V5	a2	Sampling Region	discrete	numeric	Sampling Information - Sampling location
V6	a3b	Official Capital City?	discrete	numeric	Is this city the official capital city?
V7	a3c	Main Business City?	discrete	numeric	Is this city the main business city?
V8	a3	Size Of Locality	discrete	numeric	Size of locality
V9	a13	Supervisor Number	discrete	numeric	Supervisor code
V10	a4b	Industry Screener Sector	discrete	numeric	Industry - Screener sector
V11	a0	Questionnaire	discrete	numeric	Questionnaire
V12	a3a	Region Of The Establishment	discrete	numeric	Screener Region
V13	a6b	Screener Size	discrete	numeric	Screener Size
V14	a14d	Day	contin	numeric	Time face-to-face interview begins: Day
V15	a14m	Month	contin	numeric	Time face-to-face interview begins: Month
V16	a14y	Year	contin	numeric	Time face-to-face interview begins: Year
V17	a14h	Hour	contin	numeric	Time face-to-face interview begins: Hour
V18	a14min	Minutes	contin	numeric	Time face-to-face interview begins: Minutes
V19	a12	Interviewer Number	discrete	numeric	Interviewer code
V20	a1	Country Code	discrete	numeric	Country code
V21	a1a	Language Of The Interview	discrete	numeric	Language
V22	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)
V23	a7a	Number Of Establishments In The Firm	contin	numeric	How many establishments are part of the firm? Number of establishments
V24	a7b	Is This Establishment The Headquarters Location?	discrete	numeric	Is this establishment the headquarters location?

ID	Name	Label	Type	Format	Question
V25	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?
V26	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?
V27	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	discrete	numeric	Are this establishment's financial statements prepared separately from headquarters' statements?
V28	b1	Legal Status Of The Firm	discrete	numeric	What is this firm's current legal status?
V29	b1x	Other (SpeciFY)	discrete	character	What is this firm's current legal status? Other specify
V30	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
V31	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
V32	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
V33	b2c	% Owned By Government/State	contin	numeric	What percentage of this firm is owned by each of the following: Government or State
V34	b2d	% Owned By Other	contin	numeric	What percentage of this firm is owned by each of the following: Other
V35	b4	Amongst The Owners Of The Firm, Are There Any Females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V36	b4a	% Of The Firm Owned By Females	contin	numeric	What percentage of the firm is owned by females? Percentage of female ownership
V37	b5	Year Establishment Began Operations	contin	numeric	In what year did this establishment begin operations? Year establishment began operations
V38	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
V39	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V40	b6b	In What Year Was This Establishment Formally Registered?	contin	numeric	In what year was this establishment formally registered? Year establishment formally registered
V41	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
V42	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V43	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V44	b8x	SpeciFY The Internationally-Recognized Quality Certifications	discrete	character	Please specify the internationally-recognized quality certifications
V45	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
V46	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
V47	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?
V48	c6	Over Last FY, Did This Establishment Experience Power Outages?	discrete	numeric	Over fiscal year 2017, did this establishment experience power outages?
V49	c7	Number Of Power Outages Experienced In A Typical Month In Last Fiscal Year	contin	numeric	In a typical month, over fiscal year 2017, how many power outages did this establishment experience?
V50	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
V51	c8b	How Long Did These Power Outages Last On Average?	contin	numeric	How long did these power outages last on average? Average duration of power outages - Minutes
V52	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
V53	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
V54	c10	Generator Shared Or Owned Over The Course Of Last Fiscal Year?	discrete	numeric	Over the course of fiscal year 2017, did this establishment own or share a generator?
V55	c11	% Electricity From Generator Owned/Shared By The Establishment In Last Fiscal Yr	contin	numeric	In fiscal year 2017, what percentage of this establishment's electricity came from a generator or generators that the establishment owned or shared? Percentage electricity from generators
V56	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?
V57	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
V58	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?
V59	c15	Did You Experience Insufficient Water Supply For Production In Last Fiscal Yr?	discrete	numeric	Over fiscal year 2017, did this establishment experience insufficient water supply for production? Number of incidents of water insufficiency in a typical month
V60	c16	Frequency Of Incidents Of Water Shortages In A Typical Month In Last Fiscal Yr	contin	numeric	In a typical month, over fiscal year 2017, how many incidents of insufficient water supply did this establishment experience?

ID	Name	Label	Type	Format	Question
V61	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
V62	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?
V63	c22b	Establishment Has Its Own Website	discrete	numeric	At the present time, does this establishment have its own website?
V64	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?
V65	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?
V66	d1a1a	Establishment'S Main Product/Service Last Fiscal Yr	discrete	numeric	In fiscal year 2017, what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales?
V67	d1a1x	Main Product/Service (By The Largest % Of Annual Sales) In Last Fiscal Year	discrete	character	Detailed description of main activity and product
V68	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
V69	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
V70	d2	In Last Fiscal Year, What Were This Establishment€™S Total Annual Sales?	contin	numeric	In fiscal year 2017, what were this establishment's total annual sales for ALL products and services? - Last complete fiscal year's total sales
V71	d2x	Please Also Write Out The Number	discrete	character	In fiscal year 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)
V72	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
V73	d3a	% Of Sales: National Sales	contin	numeric	Coming back to fiscal year 2017, what percentage of this establishment's sales were: - National sales
V74	d3b	% O Sales: Indirect Exports	contin	numeric	Coming back to fiscal year 2017, what percentage of this establishment's sales were: - Indirect exports (sold domestically to thrid party that exports products)
V75	d3c	% Of Sales: Direct Exports	contin	numeric	Coming back to fiscal year 2017, what percentage of this establishment's sales were: - Direct exports

ID	Name	Label	Type	Format	Question
V76	d4	In Last FY, Avg. Num. Of Days For Exported Goods To Clear Customs?	contin	numeric	In fiscal year 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
V77	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?
V78	d6	In Last FY, Export Losses Due To Theft As % Of Value Of Products	contin	numeric	In fiscal year 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
V79	d7	In Last FY, Export Losses Due To Breakage Or Spoilage As % Of Value Of Products	contin	numeric	In fiscal year 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
V80	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
V81	d10	In Last FY, % Of Value Of Products Lost In Transit Due To Theft	contin	numeric	In fiscal year 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
V82	d11	In Last FY, % Of Value Of Products Lost In Transit Due To Breakage Or Spoilage?	contin	numeric	In fiscal year 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
V83	d12a	% Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year	contin	numeric	In fiscal year 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
V84	d12b	% Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year	contin	numeric	In fiscal year 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
V85	d13	Were Any Of These Material Inputs And Supplies Imported Directly?	discrete	numeric	Were any of the material inputs or supplies purchased in fiscal year 2017, imported directly?
V86	d14	Avg. Num. Of Days For Imported Goods To Clear Customs In Last Fiscal Year	contin	numeric	In fiscal year 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

ID	Name	Label	Type	Format	Question
V87	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?
V88	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
V89	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
V90	TRd1a	Percent of this establishment's direct export revenue was from CEDEAO	contin	numeric	In fiscal year 2017, what percent of this establishment's direct export revenue was from the following countries/areas: CEDEAO
V91	TRd1b	Percent of this establishment's direct export revenue was from EU	contin	numeric	In fiscal year 2017, what percent of this establishment's direct export revenue was from the following countries/areas: European Union
V92	TRd1c	Percent of this establishment's direct export revenue was from other countries	contin	numeric	In fiscal year 2017, what percent of this establishment's direct export revenue was from the following countries/areas: Rest of other countries
V93	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
V94	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
V95	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
V96	TRd3	Were direct export to the main market finished goods for sale to final consumers	discrete	numeric	In fiscal year 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.
V97	TRd4	Main type of client this establishment had for its direct exports?	discrete	numeric	In fiscal year 2017, what was the main type of client this establishment had for its direct exports?
V98	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
V99	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
V100	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?

ID	Name	Label	Type	Format	Question
V101	TRd7	How long did direct export operations stop (in weeks)?	discrete	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
V102	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
V103	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
V104	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
V105	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
V106	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
V107	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
V108	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
V109	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



ID	Name	Label	Type	Format	Question
V110	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
V111	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
V112	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.)
V113	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
V114	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
V115	TRd13a	Percent of supplies was from CEDEAO?	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. - CEDEAO (excluding Chad)
V116	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
V117	TRd13c	Percent of supplies was from other countries?	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. - Rest of other countries
V118	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?
V119	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

ID	Name	Label	Type	Format	Question
V120	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?
V121	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?
V122	e1	In Last FY, Main Market For Establishment'S Main Product	discrete	numeric	In fiscal year 2017, which of the following was the main market in which this establishment sold its main product?
V123	e2b	Competitors For The Main Product/Service In The Main Market	contin	numeric	In fiscal year 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.
V124	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?
V125	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V126	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
V127	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)?
V128	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?
V129	AFe33a	Peers (Other Business) - Type Of Advisors	discrete	numeric	What type of advisors were used? - Peers (other businesses)
V130	AFe33b	Paid Professionals (Consultants) - Type Of Advisors	discrete	numeric	What type of advisors were used? - Paid professionals
V131	AFe33c	Clients Or Suppliers - Type Of Advisors	discrete	numeric	What type of advisors were used? - Clients or suppliers
V132	AFe33d	Governments Or Donor Funded Institutions - Type Of Advisors	discrete	numeric	What type of advisors were used? - Gocernments or donors funded institutions
V133	AFe33e	Incubators - Type Of Advisors	discrete	numeric	What type of advisors were used? - Incubators
V134	AFe33f	Acceleratos Programs - Type Of Advisors	discrete	numeric	What type of advisors were used? - Accelerator programs
V135	AFe33g	Other	discrete	numeric	What type of advisors were used? - Other
V136	AFe33gx	Other SpecifY	discrete	character	What type of advisors were used? - Other, specify
V137	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
V138	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?

ID	Name	Label	Type	Format	Question
V139	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?
V140	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.
V141	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.
V142	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?
V143	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.
V144	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
V145	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?
V146	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
V147	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
V148	f2	Number Of Hours Per Week Operated By The Establishment In Last Fiscal Year	contin	numeric	In fiscal year 2017, how many hours per week did this establishment normally operate? Typical hours of operation in a week
V149	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

ID	Name	Label	Type	Format	Question
V150	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
V151	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
V152	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
V153	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
V154	g1c	Percentage Of The Land Occupied: Other	contin	numeric	Of the land occupied by this establishment, what percent is: Other
V155	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?
V156	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
V157	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?
V158	g5a	What Is The Total Selling Area In This Establishment?	contin	numeric	What is the total selling area of this establishment? Area
V159	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment? Specify units
V160	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)
V161	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
V162	i1	In Last FY, Did This Establishment Pay For Security?	discrete	numeric	In fiscal year 2017, did this establishment pay for security, for example equipment, personnel, or professional security services including internet security?
V163	i2a	Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year	contin	numeric	In fiscal year 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
V164	i2b	In Last Fiscal Year, What Is The Total Annual Cost Of Security?	contin	numeric	In fiscal year 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
V165	i3	Losses Due To Theft, Robbery, Vandalism Or Arson Experienced In Last Fiscal Year	discrete	numeric	In fiscal year 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?

ID	Name	Label	Type	Format	Question
V166	i4a	Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (% Of Sales)	contin	numeric	In fiscal year 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
V167	i4b	Value Of Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr	contin	numeric	In fiscal year 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
V168	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?
V169	k1c	In Last FY, % Of Material Inputs Or Services Paid For After Delivery	contin	numeric	In fiscal year 2017, what percentage, as a proportion of the value of total annual purchases of material inputs or services was purchased on credit?
V170	k2c	In Last FY, % Of Total Annual Sales Paid For After Delivery	contin	numeric	In fiscal year 2017, what percentage of this establishment's total annual sales of its goods or services was sold on credit?
V171	k3a	% Of Working Capital Financed From Internal Funds/Retained Earnings	contin	numeric	Over fiscal year 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
V172	k3bc	% Of Working Capital Borrowed From Banks	contin	numeric	Over fiscal year 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
V173	k3e	% Of Working Capital Borrowed From Non-Bank Financial Institutions	contin	numeric	Over fiscal year 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
V174	k3f	% Of Working Capital Purchased On Credit/Advances From Suppliers /Customers	contin	numeric	Over fiscal year 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
V175	k3hd	% Of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	contin	numeric	Over fiscal year 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.

ID	Name	Label	Type	Format	Question
V176	AFk3a	Working Capital - % Microfinance Institutions	contin	numeric	Among non-bank financial institutions over fiscal year 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
V177	k4	Did This Establishment Purchase Any Fixed Assets In Last Fiscal Yr?	discrete	numeric	In fiscal year 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?
V178	n5a	Total Annual Expenditure For Purchases Of Equipment In Last Fiscal Yr	contin	numeric	In fiscal year 2017, how much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment
V179	n5b	Total Annual Expenditure For Purchases Of Land And Buildings In Last Fiscal Yr	contin	numeric	In fiscal year 2017, how much did this establishment spend on purchases of: Land and buildings, including expansion and renovations of existing structures?
V180	k5a	Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings	contin	numeric	Over fiscal year 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
V181	k5a1	Fixed Assets - Value Internal Funds Or Retained Earnings	contin	numeric	Over fiscal year 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
V182	k5i	Last FY, % Fixed Assets Funded By: Owners' Contributions Or Issued New Equity	contin	numeric	Over fiscal year 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
V183	k5i1	Fixed Assets - Value Owners' Contribution Or Issued New Equity Shares	contin	numeric	Over fiscal year 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
V184	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	contin	numeric	Over fiscal year 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
V185	k5bc1	Fixed Assets - Value Borrowed From Banks	contin	numeric	Over fiscal year 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
V186	k5e	Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions	contin	numeric	Over fiscal year 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

ID	Name	Label	Type	Format	Question
V187	k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	contin	numeric	Over fiscal year 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
V188	k5f	Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	contin	numeric	Over fiscal year 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
V189	k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	contin	numeric	Over fiscal year 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
V190	AFk5hdj_a1	Fixed Assets - % Quasi Equity Instrument	contin	numeric	Over fiscal year 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)
V191	AFk5hdj_a1_1	Fixed Assets - Value Quasi Equity Instrument	contin	numeric	Over fiscal year 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)
V192	AFk5hdj_a2	Fixed Assets - % Other	contin	numeric	Over fiscal year 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
V193	AFk5hdj_a2_1	Fixed Assets - Value Other	contin	numeric	Over fiscal year 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
V194	AFk5e2	Fixed Assets - % Microfinance Institutions	contin	numeric	Among non-bank financial institutions over fiscal year 2017, please estimate the proportion of this establishment's total purchase of fixed assets that was financed by microfinance institutions?
V195	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?
V196	n5c	Total Annual Expenditure For Purchases Of Equipment In Year Prior To Last FY	contin	numeric	In fiscal year 2016, how much did this establishment spend on purchases of: New or used machinery, vehicles, and equipment



ID	Name	Label	Type	Format	Question
V197	n5d	Total Annual Expenditure On Land And Buildings In Year Prior To Last FY	contin	numeric	In fiscal year 2016, how much did this establishment spend on purchases of: Land and buildings including expansion and renovations of existing structures?
V198	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?
V199	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V200	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?
V201	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?
V202	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?
V203	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
V204	k11	For The Most Recent Loan, What Was The Value At The Time Of Approval?	discrete	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
V205	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?
V206	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
V207	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
V208	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
V209	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.)
V210	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
V211	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?
V212	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



ID	Name	Label	Type	Format	Question
V213	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
V214	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?
V215	k16	In Last Fiscal Yr, Did Establishment Apply For New Loans/Lines Of Credit?	discrete	numeric	Referring again to the last fiscal year 2017, did this establishment apply for any lines of credit or loans?
V216	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?
V217	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?
V218	k21	Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr?	discrete	numeric	In fiscal year 2017, did this establishment have its annual financial statements checked and certified by an external auditor?
V219	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
V220	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?
V221	MMs1a	In A Typical Month In Last Fiscal Year How Many Days Were Mobile Money Used?	contin	numeric	In a typical month in fiscal year 2017, over how many days were mobile money used? Days of mobile money use
V222	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.
V223	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?
V224	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?
V225	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?
V226	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?
V227	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?
V228	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?
V229	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?

ID	Name	Label	Type	Format	Question
V230	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?
V231	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
V232	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
V233	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
V234	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
V235	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
V236	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
V237	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?
V238	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]?
V239	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?
V240	mc4x	Other	discrete	character	What was the main reason for reducing or stopping the use of financing from microfinance institutions? - Other
V241	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]?
V242	mc6	Main Reason Not Using Financing From Microfinance Institutions?	discrete	numeric	What was the main reason for not using financing from microfinance institutions?
V243	mc6x	Other	discrete	character	What was the main reason for not using financing from microfinance institutions? - Other
V244	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".

ID	Name	Label	Type	Format	Question
V245	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)
V246	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?
V247	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?
V248	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?
V249	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?
V250	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?
V251	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
V252	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
V253	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?
V254	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?
V255	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?
V256	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?

ID	Name	Label	Type	Format	Question
V257	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?
V258	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?
V259	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
V260	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
V261	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
V262	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
V263	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
V264	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
V265	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
V266	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
V267	l3a	Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers	contin	numeric	Coming back to fiscal year 2017, at the end of the fiscal year, how many permanent, full-time individuals in this establishment were: Production workers
V268	l3b	Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers	contin	numeric	Coming back to fiscal year 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]
V269	l4a1	Num. Of Permanent, Full-Time Highly Skilled Production Workers, Last FY	contin	numeric	At the end of fiscal year 2017, how many permanent, full-time individuals working in this establishment were: Highly skilled production workers
V270	l4a2	Num. Of Permanent, Full-Time Semi Skilled Production Workers, Last FY	contin	numeric	At the end of fiscal year 2017, how many permanent, full-time individuals working in this establishment were: Semi-skilled production workers

ID	Name	Label	Type	Format	Question
V271	I4b	Num. Of Permanent, Full-Time Unskilled Production Workers, Last FY	contin	numeric	At the end of fiscal year 2017, how many permanent, full-time individuals working in this establishment were: Unskilled production workers
V272	I5a	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Production Workers	contin	numeric	At the end of fiscal year 2017, how many permanent full-time individuals working in this establishment in the following categories were female?
V273	I5b	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Non-Production Workers	contin	numeric	At the end of fiscal year 2017, how many permanent full-time individuals working in this establishment in the following categories were female?
V274	I5	Num. Full-Time Employees At End Of Last Fiscal Yr: Female	contin	numeric	Coming back to fiscal year 2017, how many permanent full-time individuals that worked in this establishment were female?
V275	I6	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 2017?
V276	I6a	Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr	contin	numeric	How many full-time seasonal or temporary employees employed during 2017 were female?
V277	I8	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 year 2017?
V278	I9b	% Of Full Time Workers Completed High School	contin	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V279	I10	Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr	discrete	numeric	Over fiscal year 2017, did this establishment have formal training programs for its permanent, full-time employees?
V280	I11a	% Permanent Full-Time Production Employees Received Formal Training In Last FFY	contin	numeric	Referring to the training programs run over fiscal year 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
V281	I11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	contin	numeric	Referring to the training programs run over fiscal year 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
V282	I11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY	contin	numeric	Referring to the training programs run over fiscal year 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
V283	I11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	contin	numeric	Referring to the training programs run over fiscal year 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

ID	Name	Label	Type	Format	Question
V284	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
V285	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
V286	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
V287	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
V288	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
V289	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
V290	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
V291	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?
V292	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
V293	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
V294	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
V295	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
V296	AFI13e	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - Other
V297	AFI13x	Please SpecIFY	discrete	character	Did the establishment encounter any of the following problems when trying to hire a skilled worker? - Other specify

ID	Name	Label	Type	Format	Question
V298	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
V299	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
V300	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
V301	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
V302	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
V303	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
V304	I30a	How Much Of An Obstacle: Labor Regulations?	discrete	numeric	Using the response options on the card; To what degree are Labor Regulations an obstacle to the current operations of this establishment? Labor regulations
V305	I30b	How Much Of An Obstacle: Inadequately Educated Workforce?	discrete	numeric	Using the response options on the card; To what degree is an Inadequately Educated Workforce an obstacle to the current operations of this establishment? Inadequately educated workforce
V306	m1a	Biggest Obstacle Affecting The Operation Of This Establishment	discrete	numeric	By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment



ID	Name	Label	Type	Format	Question
V307	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	contin	numeric	From this establishment's Income Statement for fiscal year 2017, please provide the following information: Total annual cost of labor including wages, salaries, bonuses, social security payments
V308	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 year 2017, please provide the following information: Total annual cost of raw materials and intermediate goods used in production
V309	n2b	Total Annual Costs Of Electricity In Last Fiscal Year	contin	numeric	From this establishment's Income Statement for fiscal year 2017, please provide the following information: Total annual cost of electricity
V310	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
V311	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
V312	n6a	Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year	contin	numeric	From this establishment's Balance Sheet for fiscal year 2017, what was the net book value, that is the value of assets after depreciation, of the following: Machinery, vehicles, and equipment
V313	n7a	Cost For Establishment To Re-Purchase All Of Its Machinery	discrete	numeric	Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition and regardless of whether the establishment owns them or not, how much would they cost, independently of whether they are owned, rented or leased?
V314	a15a1ax	Main Respondent Position In The Firm	discrete	character	Please complete the following information about the interviewee(s): Main respondent, position in the firm
V315	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
V316	a15a3	Main Respondent's Gender	discrete	numeric	Please complete the following information about the interviewee(s): Main respondent, gender
V317	a15a1bx	Second Respondent Position In The Firm	discrete	character	Please complete the following information about the interviewee(s): Second respondent, position in the firm
V318	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
V319	a15b3	Second Respondent's Gender	discrete	numeric	Please complete the following information about the interviewee(s): Second respondent, gender
V320	a15a1cx	Third Respondent Position In The Firm	discrete	character	Please complete the following information about the interviewee(s): Third respondent, position in the firm
V321	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



ID	Name	Label	Type	Format	Question
V322	a15c3	Third Respondent's Gender	discrete	numeric	Please complete the following information about the interviewee(s): Third respondent, gender
V323	a15d	Day	contin	numeric	Time face-to-face interview ends: Day
V324	a15m	Month	contin	numeric	Time face-to-face interview ends: Month
V325	a15y	Year	contin	numeric	Time face-to-face interview ends: Year
V326	a15h	Hour	contin	numeric	Time face-to-face interview ends: Hour
V327	a15min	Minutes	contin	numeric	Time face-to-face interview ends: Minutes
V328	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:
V329	a17	Responses To The Questions About Figures Area	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V330	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V331	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
V332	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
V333	a20y	Close Year of The Last Completed Fiscal Year	contin	numeric	On which calendar date did the last completed fiscal year end? Year
V334	a20m	Close Month of The Last Completed Fiscal Year	contin	numeric	On which calendar date did the last completed fiscal year end? Month
V335	a20d	Close Day of The Last Completed Fiscal Year	contin	numeric	On which calendar date did the last completed fiscal year end? Day
V336	stratificationregioncode	stratification region code	discrete	numeric	
V337	stratificationsizecode	stratification size code	discrete	numeric	
V338	stratificationsectorcode	stratification sector code	discrete	numeric	
V339	stratificationpanelcode	panel code	discrete	numeric	
V340	wstrict	Weight according to strict eligibility	contin	numeric	
V341	wmedian	Weight according to median eligibility	contin	numeric	
V342	wweak	Weight according to weak eligibility	contin	numeric	
V343	strata	see notes	discrete	numeric	



## WEB STD FIRMID (idstd)

File: chad\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 624601-624753

Valid cases: 153  
Invalid: 0  
Minimum: 624601  
Maximum: 624753

## Firm Id (id)

File: chad\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2-1256

Valid cases: 153  
Invalid: 0  
Minimum: 2  
Maximum: 1256

## Industry Sampling Sector (a4a)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Sampling Information - Sampling sector

## Sampling Size (a6a)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Sampling Information - Sampling size

## Sampling Region (a2)

File: chad\_2018\_full\_data

### Overview

## Sampling Region (a2)

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### Literal question

Sampling Information - Sampling location

## Official Capital City? (a3b)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Is this city the official capital city?

## Main Business City? (a3c)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Is this city the main business city?

## Size Of Locality (a3)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Size of locality

## Supervisor Number (a13)

File: chad\_2018\_full\_data

### Overview

## Supervisor Number (a13)

File: chad\_2018\_full\_data

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

Valid cases: 153  
 Invalid: 0

**Literal question**

Supervisor code

## Industry Screener Sector (a4b)

File: chad\_2018\_full\_data

**Overview**

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

Valid cases: 153  
 Invalid: 0

**Literal question**

Industry - Screener sector

## Questionnaire (a0)

File: chad\_2018\_full\_data

**Overview**

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

Valid cases: 153  
 Invalid: 0

**Literal question**

Questionnaire

## Region Of The Establishment (a3a)

File: chad\_2018\_full\_data

**Overview**

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

Valid cases: 153  
 Invalid: 0

**Literal question**

Screener Region

## Screener Size (a6b)

File: chad\_2018\_full\_data

**Overview**

## Screeners Size (a6b)

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### Literal question

Screeners Size

## Day (a14d)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0  
Minimum: 1  
Maximum: 31

### Literal question

Time face-to-face interview begins: Day

## Month (a14m)

File: chad\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 2-4

Valid cases: 153  
Invalid: 0

### Literal question

Time face-to-face interview begins: Month

## Year (a14y)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Time face-to-face interview begins: Year

## Hour (a14h)

File: chad\_2018\_full\_data

### Overview

## Hour (a14h)

File: chad\_2018\_full\_data

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 7-18

Valid cases: 153  
Invalid: 0

### Literal question

Time face-to-face interview begins: Hour

## Minutes (a14min)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0  
Minimum: 0  
Maximum: 59

### Literal question

Time face-to-face interview begins: Minutes

## Interviewer Number (a12)

File: chad\_2018\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 811-830

Valid cases: 153  
Invalid: 0

### Literal question

Interviewer code

## Country Code (a1)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Country code

## Language Of The Interview (a1a)

File: chad\_2018\_full\_data

### Overview

## Language Of The Interview (a1a)

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### Literal question

Language

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122

### 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\_2018\_full\_data

### Overview

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

Valid cases: 24  
Invalid: 129

### Literal question

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

### Post question

If 2, TERMINATE

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 24  
Invalid: 129

### 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\_2018\_full\_data

### Overview

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

Valid cases: 7  
Invalid: 146

### 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\_2018\_full\_data

### Overview

## Legal Status Of The Firm (b1)

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

## % Owned By Other (b2d)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

### Post question

If 2 or -9, SKIP TO B.5

### Interviewer instructions

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

File: chad\_2018\_full\_data

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\_2018\_full\_data

### Overview

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

Valid cases: 21  
Invalid: 132

### 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.

## Year Establishment Began Operations (b5)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-415

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Was this establishment formally registered when it began operations?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-47

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Is the Top Manager female?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Does this establishment have an internationally-recognized quality certification?

### Post question

If 2 or -9, SKIP TO C.3

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

File: chad\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 8

Valid cases: 10  
Invalid: 0

### Literal question

Please specify the internationally-recognized quality certifications

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 38  
Invalid: 115

### 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\_2018\_full\_data

### Overview

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

Valid cases: 38  
Invalid: 115

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 106  
Invalid: 47

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

File: chad\_2018\_full\_data

### Literal question

In a typical month, over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 98  
Invalid: 55

### 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\_2018\_full\_data

### Overview

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

Valid cases: 98  
Invalid: 55

### 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\_2018\_full\_data

### Overview

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

Valid cases: 75  
Invalid: 78

### 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-80000000

Valid cases: 31  
Invalid: 122

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Over the course of fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 110  
Invalid: 43

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 14  
Invalid: 139

### 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\_2018\_full\_data

### Overview

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

Valid cases: 14  
Invalid: 139

### 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\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

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

File: chad\_2018\_full\_data

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 11  
Invalid: 142

### Literal question

In a typical month, over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 9  
Invalid: 144

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

## Establishment Has Its Own Website (c22b)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

### Interviewer instructions

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

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

File: chad\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 63

Valid cases: 153  
Invalid: 0

### Literal question

Detailed description of main activity and product

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

File: chad\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1511-7290

Valid cases: 153  
Invalid: 0  
Minimum: 1511  
Maximum: 7290

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

## Overview

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

Valid cases: 153  
Invalid: 0

## Literal question

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

# Please Also Write Out The Number (d2x)

File: chad\_2018\_full\_data

## Overview

Type: Discrete  
Format: character  
Width: 89

Valid cases: 152  
Invalid: 0

## Literal question

In fiscal year 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)

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

File: chad\_2018\_full\_data

## Overview

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

Valid cases: 153  
Invalid: 0

## Literal question

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\_2018\_full\_data

## Overview

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

Valid cases: 153  
Invalid: 0

## Literal question

Coming back to fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

### Post question

IF 100, GO TO QUESTION D.8

## % Of Sales: Direct Exports (d3c)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Coming back to fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 9  
Invalid: 144

### Literal question

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

File: chad\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 9  
Invalid: 144

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 9  
Invalid: 144

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 9  
Invalid: 144

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122



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

File: chad\_2018\_full\_data

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 119  
Invalid: 34

### Literal question

In fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

File: chad\_2018\_full\_data

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 97  
Invalid: 56

### Literal question

Were any of the material inputs or supplies purchased in fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 54  
Invalid: 99

### Literal question

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

File: chad\_2018\_full\_data

In fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 30  
Invalid: 123

### 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?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 24

Valid cases: 15  
Invalid: 0

### Literal question

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

File: chad\_2018\_full\_data

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\_2018\_full\_data

### 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? Second largest country destination of exports

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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

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

File: chad\_2018\_full\_data

If 2 or -9, SKIP TO TRD.9

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

File: chad\_2018\_full\_data

#### Overview

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

Valid cases: 4  
Invalid: 149

#### 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\_2018\_full\_data

#### Overview

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

Valid cases: 15  
Invalid: 138

#### 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\_2018\_full\_data

#### Overview

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

Valid cases: 15  
Invalid: 138

#### 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\_2018\_full\_data

#### Overview

## Quotas as obstacle to exports (TRd9c)

File: chad\_2018\_full\_data

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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

- High or discriminatory export taxes or charges

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

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

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-17

Valid cases: 15  
Invalid: 138

### 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\_2018\_full\_data

### Overview

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

Valid cases: 19  
Invalid: 134

### 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.

- CEDEAO (excluding Chad)

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 19  
Invalid: 134

### 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\_2018\_full\_data

### Overview

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

Valid cases: 19  
Invalid: 134

### 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.

- Rest of other countries

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

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-54

Valid cases: 24  
Invalid: 129

#### 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\_2018\_full\_data

#### Overview

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

Valid cases: 24  
Invalid: 129

#### 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\_2018\_full\_data

#### Overview

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

Valid cases: 24  
Invalid: 129

#### 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\_2018\_full\_data

#### Overview

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

Valid cases: 74  
Invalid: 79

#### Literal question

In fiscal year 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\_2018\_full\_data

If 3 or -9

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

In fiscal year 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.

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Using the response options on the card; To what degree are Practices of Competitors in the Informal Sector an obstacle to the current operations of this establishment? Practices of competitors in the informal sector

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 39  
Invalid: 114

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 39  
Invalid: 114

### Literal question

What type of advisors were used?  
- Paid professionals

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 39  
Invalid: 114

### Literal question

What type of advisors were used?  
- Clients or suppliers

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 39  
Invalid: 114

### Literal question

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

## Incubators - Type Of Advisors (AFe33e)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 39  
Invalid: 114

### Literal question

What type of advisors were used?  
- Incubators

## Accelerator Programs - Type Of Advisors (AFe33f)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 39  
Invalid: 114

### Literal question

What type of advisors were used?  
- Accelerator programs

## Other (AFe33g)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 39  
Invalid: 114

### Literal question

What type of advisors were used?  
- Other

## Other SpecifiFY (AFe33gx)

File: chad\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 38

Valid cases: 7  
Invalid: 0

### Literal question

What type of advisors were used?  
- Other, specify



## Rate Overall Business Support Systems In City Establishment Is Located (AF34)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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 The Establishment's Main Market (h2)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 56  
Invalid: 97

### 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\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 123

Valid cases: 56

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

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### 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\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-75000000

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 74  
Invalid: 79

### 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\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

File: chad\_2018\_full\_data

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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Of the land occupied by this establishment, what percent is: Rented or leased by this establishment

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

File: chad\_2018\_full\_data

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 16  
Invalid: 137

### 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 16  
Invalid: 137

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

What is the total selling area of this establishment? Area

## The Area Is Measured In: (g5b)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 14  
Invalid: 139

### 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\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 60  
Invalid: 93

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 27  
Invalid: 126



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

File: chad\_2018\_full\_data

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 22  
Invalid: 131

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-80000000

Valid cases: 13  
Invalid: 140

### Literal question

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

File: chad\_2018\_full\_data

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Over fiscal year 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)

## Working Capital - % Microfinance Institutions (AFk3a)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 7  
Invalid: 146

### Literal question

Among non-bank financial institutions over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-3500000000

Valid cases: 49  
Invalid: 104

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-1500000000

Valid cases: 49  
Invalid: 104

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 31  
Invalid: 122

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-33

Valid cases: 31  
Invalid: 122

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

Over fiscal year 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122

### Literal question

Over fiscal year 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



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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

Over fiscal year 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\_2018\_full\_data

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 31  
Invalid: 122

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

Over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 3  
Invalid: 150

### Literal question

Among non-bank financial institutions over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

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

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 45  
Invalid: 108

### Literal question

In fiscal year 2016, 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-370000000

Valid cases: 45  
Invalid: 108

### Literal question

In fiscal year 2016, how much did this establishment spend on purchases of: Land and buildings including expansion and renovations of existing structures?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 21  
Invalid: 132

### 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

## Line Of Credit Or Loan From Microfinance Institution? (mc1)

File: chad\_2018\_full\_data

### Overview

## Line Of Credit Or Loan From Microfinance Institution? (mc1)

File: chad\_2018\_full\_data

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

Valid cases: 2  
Invalid: 151

### Literal question

Among non-bank financial institutions, did microfinance institutions grant the most recent line of credit or loan?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 21  
Invalid: 132

### 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\_2018\_full\_data

### Overview

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

Valid cases: 21  
Invalid: 132

### 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\_2018\_full\_data

### Overview

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

Valid cases: 21  
Invalid: 132

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

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

## Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis (k15b)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 21  
Invalid: 132

### Literal question

## Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis (k15b)

File: chad\_2018\_full\_data

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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-3500000000

Valid cases: 19  
Invalid: 134

### Literal question

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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

Referring again to the last fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 144  
Invalid: 9

### 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

## What Was The Outcome Of That Most Recent Application For Loan/Line Of Credit? (k20a1)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 6  
Invalid: 147

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

In fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

File: chad\_2018\_full\_data

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

## Does Establishment Use Mobile Money For Transactions (MMs1)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

In a typical month in fiscal year 2017, over how many days were mobile money used? Days of mobile money use

## Main Reason Establishment Started Using Mobile Money? (MMs2)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

## In Last Fiscal Year Was Mobile Money Used To Pay Employees? (MMs3)

File: chad\_2018\_full\_data

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

Valid cases: 3  
Invalid: 150

### Literal question

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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

## % Annual Cost Of Raw Materials Paid Using Mobile Money Last Fiscal Year (MMs6)

File: chad\_2018\_full\_data

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

Valid cases: 4  
Invalid: 149

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

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

Valid cases: 7  
Invalid: 146

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

## In Last Fiscal Year Did Establishment Use Mobile Money To Receive Payments From (MMs9)

File: chad\_2018\_full\_data

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\_2018\_full\_data

### Overview

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

Valid cases: 8  
Invalid: 145

### 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\_2018\_full\_data

### Overview

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

Valid cases: 135  
Invalid: 18

### 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\_2018\_full\_data

### Overview

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

Valid cases: 135  
Invalid: 18

### 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\_2018\_full\_data

### Overview

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

Valid cases: 135  
Invalid: 18

### 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\_2018\_full\_data

### Overview

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

Valid cases: 135  
Invalid: 18

### 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\_2018\_full\_data

### Overview

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

Valid cases: 135  
Invalid: 18

### 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\_2018\_full\_data

### Overview

## Reason Establishment Don'T Use Mobile Money - Suppliers Don'T Use Mobile Money (MMs11f)

File: chad\_2018\_full\_data

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

Valid cases: 135  
Invalid: 18

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 9  
Invalid: 144

### 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\_2018\_full\_data

### Overview

## Main Reason Stopped Or Reduced Financing From Microfinance Institutions? (mc4)

File: chad\_2018\_full\_data

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

Valid cases: 2  
Invalid: 151

### Literal question

What was the main reason for reducing or stopping the use of financing from microfinance institutions?

## Other (mc4x)

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 2  
Invalid: 151

### 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]?

### Post question

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

## Main Reason Not Using Financing From Microfinance Institutions? (mc6)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 144  
Invalid: 9

### Literal question

What was the main reason for not using financing from microfinance institutions?



## Other (mc6x)

File: chad\_2018\_full\_data

**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

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

File: chad\_2018\_full\_data

**Overview**

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

Valid cases: 153  
 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\_2018\_full\_data

**Overview**

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

Valid cases: 153  
 Invalid: 0

**Literal question**

In a typical week over the last year, what percentage of total senior management's time was spent on dealing with requirements imposed by government regulations? (By senior management I mean managers, directors, and officers above direct supervisors of production 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\_2018\_full\_data

**Overview**

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

Valid cases: 153  
 Invalid: 0

**Literal question**

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

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

File: chad\_2018\_full\_data

### Post question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 126  
Invalid: 27

### 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\_2018\_full\_data

### Overview

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

Valid cases: 126  
Invalid: 27

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 25  
Invalid: 128

### 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\_2018\_full\_data

### Overview

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

Valid cases: 112  
Invalid: 41

### 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? Percent

## Total Annual Informal Payment (j7b)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 41  
Invalid: 112

### 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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-65

Valid cases: 11  
Invalid: 142

### 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\_2018\_full\_data

### Overview

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

Valid cases: 11  
Invalid: 142

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 16  
Invalid: 137

### 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\_2018\_full\_data

### Overview

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

Valid cases: 16  
Invalid: 137

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

File: chad\_2018\_full\_data

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\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-350

Valid cases: 153  
Invalid: 0

### Description

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 INTERVIEWEE IF APPLICABLE

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
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

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

File: chad\_2018\_full\_data

### Interviewer instructions

INCLUDE INTERVIEWEE IF APPLICABLE

## Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers (l3a)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

Coming back to fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

Coming back to fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

At the end of fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

At the end of fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

At the end of fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### Literal question

At the end of fiscal year 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\_2018\_full\_data

### Overview

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female Non-Production Workers (l5b)

File: chad\_2018\_full\_data

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

Valid cases: 74  
Invalid: 79

### Literal question

At the end of fiscal year 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 (l5)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 79  
Invalid: 74

### Literal question

Coming back to fiscal year 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 (l6)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Description

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 2017?

### Post question

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

## Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr (l6a)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 57  
Invalid: 96

## Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr (l6a)

File: chad\_2018\_full\_data

### Literal question

How many full-time seasonal or temporary employees employed during 2017 were female?

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 57  
Invalid: 96

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

### Post question

If 2 or -9, GO TO QUESTION AFL11

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 11  
Invalid: 142

### Literal question

Referring to the training programs run over fiscal year 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 (l11a1)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 14  
Invalid: 139

### Literal question

Referring to the training programs run over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 11  
Invalid: 142

### Literal question

Referring to the training programs run over fiscal year 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\_2018\_full\_data

## Training Programs Amount:Non-Production Full-Time Permanent Employees Trained (l11b1)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 14  
Invalid: 139

### Literal question

Referring to the training programs run over fiscal year 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

## Interpersonal And Communication Skills (AF111c)

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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 (AF111f)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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 (AF111g)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 36  
Invalid: 117

### 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\_2018\_full\_data

### Overview

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

Valid cases: 36  
Invalid: 117

## There Were No Or Few Or Applicants (AF113b)

File: chad\_2018\_full\_data

### 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\_2018\_full\_data

### Overview

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

Valid cases: 36  
Invalid: 117

### 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\_2018\_full\_data

### Overview

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

Valid cases: 36  
Invalid: 117

### 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\_2018\_full\_data

### Overview

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

Valid cases: 36  
Invalid: 117

### Literal question

Did the establishment encounter any of the following problems when trying to hire a skilled worker?

- Other

## Please SpeciFY (AF113x)

File: chad\_2018\_full\_data

### Overview



## Please SpecIFY (AF113x)

File: chad\_2018\_full\_data

Type: Discrete  
 Format: character  
 Width: 30

Valid cases: 2  
 Invalid: 0

**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\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: character  
 Width: 54

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 (AF114d1)

File: chad\_2018\_full\_data

**Overview**

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

Valid cases: 49  
 Invalid: 104

**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 (AF114a2x)

File: chad\_2018\_full\_data

**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 (AF114d2)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 23  
Invalid: 130

### 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 (AF114a3x)

File: chad\_2018\_full\_data

### 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 (AF114d3)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 11  
Invalid: 142

### 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

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

File: chad\_2018\_full\_data

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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-33000000000

Valid cases: 153  
Invalid: 0

### Literal question

From this establishment's Income Statement for fiscal year 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-130000000

Valid cases: 74  
Invalid: 79

### Literal question

From this establishment's Income Statement for fiscal year 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-100000000

Valid cases: 153  
Invalid: 0

### Literal question

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

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

File: chad\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-75000000

Valid cases: 18  
Invalid: 135

### 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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-518000000

Valid cases: 74  
Invalid: 79

### Literal question

## Total Cost Of Sales In Last FY (n2p)

File: chad\_2018\_full\_data

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\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-5571036000

Valid cases: 74  
Invalid: 79

### Literal question

From this establishment's Balance Sheet for fiscal year 2017, what was the net book value, that is the value of assets after depreciation, of the following: Machinery, vehicles, and equipment

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

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 74  
Invalid: 79

### 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\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 38

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

File: chad\_2018\_full\_data

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

Valid cases: 153  
Invalid: 0

### Literal question

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

## Main Respondent's Gender (a15a3)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

## Second Respondent Position In The Firm (a15a1bx)

File: chad\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 26

Valid cases: 18  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 18  
Invalid: 135

### Literal question

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

## Second Respondent's Gender (a15b3)

File: chad\_2018\_full\_data

### Overview

## Second Respondent's Gender (a15b3)

File: chad\_2018\_full\_data

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

Valid cases: 18  
Invalid: 135

### Literal question

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

## Third Respondent Position In The Firm (a15a1cx)

File: chad\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 16

Valid cases: 4  
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\_2018\_full\_data

### Overview

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

Valid cases: 4  
Invalid: 149

### Literal question

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

## Third Respondent's Gender (a15c3)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 4  
Invalid: 149

### Literal question

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

## Day (a15d)

File: chad\_2018\_full\_data

### Overview

## Day (a15d)

File: chad\_2018\_full\_data

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

Valid cases: 153  
 Invalid: 0  
 Minimum: 1  
 Maximum: 31

**Literal question**

Time face-to-face interview ends: Day

## Month (a15m)

File: chad\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 2-4

Valid cases: 153  
 Invalid: 0

**Literal question**

Time face-to-face interview ends: Month

## Year (a15y)

File: chad\_2018\_full\_data

**Overview**

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

Valid cases: 153  
 Invalid: 0

**Literal question**

Time face-to-face interview ends: Year

## Hour (a15h)

File: chad\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 9-19

Valid cases: 153  
 Invalid: 0

**Literal question**

Time face-to-face interview ends: Hour

## Minutes (a15min)

File: chad\_2018\_full\_data

**Overview**



## Minutes (a15min)

File: chad\_2018\_full\_data

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

## Responses To The Questions About Figures Area (a17)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

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

## This Questionnaire Was Completed In: (a18)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
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\_2018\_full\_data

### Overview

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

Valid cases: 33  
Invalid: 120

### 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\_2018\_full\_data

### Overview

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

Valid cases: 33  
Invalid: 120  
Minimum: 0  
Maximum: 50

### Literal question

Estimate duration of the whole interview - minutes

## Close Year of The Last Completed Fiscal Year (a20y)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### 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\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

### Literal question

On which calendar date did the last completed fiscal year end? Day

## stratification region code (stratificationregioncode)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

## stratification size code (stratificationsizecode)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

## stratification sector code (stratificationsectorcode)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

## panel code (stratificationpanelcode)

File: chad\_2018\_full\_data

### Overview

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

Valid cases: 153  
Invalid: 0

## Weight according to strict eligibility (wstrict)

File: chad\_2018\_full\_data

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 0
Width: 5	Minimum: 1
Decimals: 2	Maximum: 34
Range: 1-34.0341644287109	

## Weight according to median eligibility (wmedian)

File: chad\_2018\_full\_data

### Overview

Type: Continuous	Valid cases: 153
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\_2018\_full\_data

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 0
Width: 5	Minimum: 1.1
Decimals: 2	Maximum: 34.3
Range: 1.06088054180145-34.2924308776856	

## see notes (strata)

File: chad\_2018\_full\_data

### Overview

Type: Discrete	Valid cases: 153
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-12	

# 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 ES Manufacturing Africa 2018 Chad EN.pdf

---

### Chad Enterprise Survey 2018, Services Module Questionnaire

---

Title Chad Enterprise Survey 2018, Services Module Questionnaire  
 Author(s) The World Bank  
 Country Chad  
 Language English  
 Filename ES Services Africa 2018 Chad EN.pdf

---

### Enquête auprès des entreprises, Tchad Module sur les industries manufacturières (2018)

---

Title Enquête auprès des entreprises, Tchad Module sur les industries manufacturières (2018)  
 Author(s) The World Bank  
 Country Chad  
 Language French  
 Filename ES Manufacturing Africa 2018 Chad FR.pdf

---

### 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 ES Services Africa 2018 Chad FR.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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