

# Liberia - Enterprise Survey 2009-2017, Panel Data

**World Bank, Liberia Institute for Statistics and Geo-Information Services -  
Government of Liberia**

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# Sampling

## Sampling Procedure

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The sample for the 2009-2017 Liberia Enterprise Survey (ES) was selected using stratified random sampling, following the methodology explained in the Sampling Note. Stratified random was preferred over simple random sampling for several reasons:

- To obtain unbiased estimates for different subdivisions of the population with some known level of precision.
- To obtain unbiased estimates for the whole population. The whole population, or universe of the study, is the non-agricultural economy. It comprises: all manufacturing sectors according to the group classification of ISIC Revision 3.1: (group D), construction sector (group F), services sector (groups G and H), and transport, storage, and communications sector (group I). Note that this definition excludes the following sectors: financial intermediation (group J), real estate and renting activities (group K, except subsector 72, IT, which was added to the population under study), and all public or utilities sectors.
- To make sure that the final total sample includes establishments from all different sectors and that it is not concentrated in one or two of industries/sizes/regions.
- To exploit the benefits of stratified sampling where population estimates, in most cases, will be more precise than using a simple random sampling method (i.e., lower standard errors, other things being equal.)
- Stratification may produce a smaller bound on the error of estimation than would be produced by a simple random sample of the same size. This result is particularly true if measurements within strata are homogeneous.
- The cost per observation in the survey may be reduced by stratification of the population elements into convenient groupings.

Three levels of stratification were used in this country: industry, establishment size, and region. Industry stratification was designed as 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 Liberia ES, size stratification was defined as follows: small (5 to 19 employees), medium (20 to 99 employees), and large (100 or more employees).

Regional stratification for the Liberia ES was done across three regions: Montserrado, Margibi, and Nimba.

## Response Rate

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There was a high response rate especially as a result of positive attitude towards the international community in collaboration with the government in their reconstruction efforts after a period of civil strife. There was also very positive attitude towards World Bank initiatives.

## Weighting

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

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

Weights are representative of the universe for the year that the firm was interviewed. They are not panel weights.

# Questionnaires

## Overview

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The current survey instruments are available:

- Services and Manufacturing Questionnaire
- Screener Questionnaire.

The standard Enterprise Survey topics include firm characteristics, gender participation, access to finance, annual sales, costs of inputs/labor, workforce composition, bribery, licensing, infrastructure, trade, crime, competition, capacity utilization, land and permits, taxation, informality, business-government relations, innovation and technology, and performance measures. Over 90% of the questions objectively ascertain characteristics of a country's business environment. The remaining questions assess the survey respondents' opinions on what are the obstacles to firm growth and performance.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2009	2017	N/A

### Data Collection Mode

Face-to-face [f2f]

### Data Collectors

Name	Abbreviation	Affiliation
Liberia Institute for Statistics and Geo-Information Services	LISGIS	Government of Liberia

# Data Processing

## Data Editing

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

# Data Appraisal

No content available

## File Description



## Variable List

## Liberia\_2009\_2017

Content	This dataset provides information from "Manufacturing Module Questionnaire & Services Questionnaire" Section: A, B, C, D, E, AF, H, F, G, I, K, N
Cases	0
Variable(s)	352
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V1	idstd	WEB STD FIRMID	discrete	numeric	
V2	panelid	ID that is the same across the waves for panel firms	discrete	numeric	
V3	year	Year of survey	discrete	numeric	
V4	panel	Panel: Firm interviewed in these years	discrete	numeric	
V5	eligibility2017	Eligibility of 2009 firm in 2017	discrete	character	
V6	a4a	Industry Sampling Sector	discrete	numeric	
V7	a6a	Sampling Size	discrete	numeric	
V8	a2	Sampling Region	discrete	numeric	
V9	a3b	Official Capital City?	discrete	numeric	Is this city the official capital city?
V10	a3	Size of Locality	discrete	numeric	Size of locality?
V11	a13	Supervisor Number	discrete	numeric	Supervisor code
V12	a0	Questionnaire	discrete	numeric	
V13	a3a	Region of The Establishment	discrete	numeric	
V14	a6b	Screening Size	discrete	numeric	Screening Size
V15	a14d	Day	discrete	numeric	Time face-to-face interview begins -day?
V16	a14m	Month	discrete	numeric	Time face-to-face interview begins -month?
V17	a14y	Year	discrete	numeric	Time face-to-face interview begins -year?
V18	a14h	Hour	discrete	numeric	Time face-to-face interview begins -hour?
V19	a14min	Minutes	discrete	numeric	Time face-to-face interview begins -minutes?
V20	a12	Interviewer Number	discrete	numeric	
V21	a1	Country Code	discrete	numeric	
V22	a7	Establishment Is Part of A Large Firm	discrete	numeric	Is this establishment part of a larger firm?
V23	a7a	Number of Establishments In The Firm	discrete	numeric	How many establishments are part of the firm?

ID	Name	Label	Type	Format	Question
V24	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?
V25	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	discrete	numeric	Are this establishment's financial statements prepared separately from headquarters' statements?
V26	b1	Legal Status of The Firm	discrete	numeric	What is this firm's current legal status?
V27	b1x	Other (Specify)	discrete	character	What is this firm's current legal status - other
V28	b3	What Percentage of This Firm Does The Largest Owner(S) Own?	discrete	numeric	What percent of this firm does the largest owner or owners own?
V29	b2a	% Owned By Private Domestic Individuals, Companies or organizations	discrete	numeric	What percent of this firm is owned by each of the following- Private domestic individuals, companies or organizations
V30	b2b	% Owned By Private Foreign Individuals, Companies or organizations	discrete	numeric	What percent of this firm is owned by each of the following- Private foreign individuals, companies or organizations
V31	b2c	% Owned By Government/State	discrete	numeric	What percent of this firm is owned by each of the following- Government/State
V32	b2d	% Owned By Other	discrete	numeric	What percent of this firm is owned by each of the following-other
V33	b4	Amongst The Owners of The Firm, Are There Any Females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V34	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V35	b6	Number of Full-Time Employees of The Establishment When It Started Operations	discrete	numeric	How many full-time employees did this establishment employ when it started operations? Please include all employees and managers
V36	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V37	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V38	b7	How Many Years of Experience Working In This Sector Does The top Manager Have?	discrete	numeric	How many years of experience working in this sector does the top Manager have?
V39	b7a	Is The top Manager Female?	discrete	numeric	Is the Top Manager female?
V40	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V41	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?
V42	c4	How Many Days Did It Take For You to Receive An Electrical Connection Service?	discrete	numeric	In reference to that application for an electrical connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

ID	Name	Label	Type	Format	Question
V43	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?
V44	c6	Over Last Fy, Did This Establishment Experience Power Outages?	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment experience power outages?
V45	c7	Number of Power Outages Experienced In A Typical Month In Last Fiscal Year	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], how many power outages did this establishment experience?
V46	c8a	Average Duration of Power Outages {Hours; Minutes}	discrete	numeric	How long did these power outages last on average- Hours?
V47	c8b	How Long Did These Power Outages Last On Average?	discrete	numeric	How long did these power outages last on average- Minutes?
V48	c9a	In Last Fy, Losses As % of Annual Sales Due to Power Outages	discrete	numeric	Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses. Loss as percent of total annual sales due to power outages
V49	c9b	In Last Fy, Value of Losses Due to Power Outages	discrete	numeric	Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses. Annual losses due to power outages
V50	c10	Generator Shared or Owned Over The Course of Last Fiscal Year?	discrete	numeric	Over the course of fiscal year [insert last complete fiscal year], did this establishment own or share a generator?
V51	c11	% Electricity From Generator Owned/Shared By The Establishment In Last FY	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's electricity came from a generator or generators that the establishment owned or shared?
V52	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?
V53	c13	How Many Days Did It Take For You to Obtain A Water Connection?	discrete	numeric	In reference to that application for a water connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?
V54	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?
V55	c16	Frequency of Incidents of Water Shortages In A Typical Month In Last FY	discrete	numeric	In a typical month, over fiscal year [insert last complete fiscal year], how many incidents of insufficient water supply did this establishment experience?
V56	c17	Average Length of Water Shortages (Affecting Production) In Last Fiscal Year	discrete	numeric	How long did these incidents of insufficient water supply last on average?
V57	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?

ID	Name	Label	Type	Format	Question
V58	c22b	Establishment Has Its Own Website	discrete	numeric	At the present time, does this establishment have its own website?
V59	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?
V60	d1a2	Main Product/Service Isic (Rev. 3.1) Code	discrete	numeric	
V61	d1a3	Main Product/Service: Percent of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V62	d2	In Last Fiscal Year, What Were This Establishment's Total Annual Sales?	discrete	numeric	In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales?
V63	n3	What Were The Establishment Sales 3 Years Ago	discrete	numeric	In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?
V64	d3a	% of Sales: National Sales	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's sales were- National sales
V65	d3b	% O Sales: Indirect Exports	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's sales were - Indirect exports (sold domestically to third party that exports products)
V66	d3c	% of Sales: Direct Exports	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's sales were - Direct exports
V67	d4	In Last Fy, Avg. Num. of Days For Exported Goods to Clear Customs?	discrete	numeric	In fiscal year [insert last complete fiscal year], when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?
V68	d6	In Last Fy, Export Losses Due to Theft As % of Value of Products	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of theft?
V69	d7	In Last Fy, Export Losses Due to Breakage or Spoilage As % of Value of Products	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of the products exported directly was lost while in transit because of breakage or spoilage?
V70	d10	In Last Fy, % of Value of Products Lost In Transit Due to Theft	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?
V71	d12a	% of Material Inputs And Supplies of Domestic origin In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], as a proportion of all of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were - material inputs or supplies of domestic origin

ID	Name	Label	Type	Format	Question
V72	d12b	% of Material Inputs And Supplies of Foreign origin In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], as a proportion of all of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were: material inputs or supplies of foreign origin
V73	d13	Were Any of These Material Inputs And Supplies Imported Directly?	discrete	numeric	Were any of the material inputs or supplies purchased in fiscal year [insert last complete fiscal year], imported directly?
V74	d14	Avg. Num. of Days For Imported Goods to Clear Customs In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], when this establishment imported material inputs or supplies (from outside the EU for European Union members), how many days did it take on average from the time goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?
V75	d30a	How Much of An Obstacle: Transport?	discrete	numeric	Using the response options on the card; To what degree is transport an obstacle to the current operations of this establishment?
V76	d30b	How Much of An Obstacle: Customs And Trade Regulations?	discrete	numeric	Using the response options on the card; To what degree is customs and trade regulations an obstacle to the current operations of this establishment?
V77	e6	Do You Use Technology Licensed From A Foreign-Owned Company?	discrete	numeric	Using the response options on the card; To what degree is customs and trade regulations an obstacle to the current operations of this establishment?
V78	e11	Does This Establishment Compete Against Unregistered or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V79	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?
V80	f1	In Last Fy, What Was The Capacity Utilization (%) of This Establishment?	discrete	numeric	In fiscal year [insert last complete fiscal year], what was this establishment's output produced as a proportion of the maximum output possible if using all facilities available (capacity utilization)?
V81	g2	Applic. to Obtain A Construction-Related Permit Submitted Over The Last 2 Years	discrete	numeric	More specifically, over the last two years, did this establishment submit an application to obtain a construction-related permit?
V82	g3	How Many Days Did It Take For You to Obtain A Construction-Related Permit?	discrete	numeric	In reference to that application for a construction-related permit, approximately how many days did it take to obtain it from the day of the application to the day the permit was granted?
V83	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?

ID	Name	Label	Type	Format	Question
V84	g30a	How Much of An Obstacle: Access to Land?	discrete	numeric	Is access to land No obstacle, a minor obstacle, a moderate obstacle, a major obstacle, or a very severe obstacle to the current operations of this establishment?
V85	i1	In Last Fy, Did This Establishment Pay For Security?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment pay for security, for example equipment, personnel, or professional security services?
V86	i2a	Percentage of Total Annual Sales Paid For Security In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security- Percent of total annual sales for security?
V87	i2b	In Last Fiscal Year, What Is The Total Annual Cost of Security?	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security?
V88	i3	Losses Due to Theft, Robbery, Vandalism or Arson Experienced In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of theft, robbery, vandalism or arson?
V89	i4a	Losses Due to Theft, Robbery, Vandalism or Arson In Last FY (% of Sales)	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses - Losses as percent of total annual sales?
V90	i4b	Value of Losses Due to Theft, Robbery, Vandalism or Arson In Last FY	discrete	numeric	In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses - Total annual value of losses?
V91	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?
V92	k1c	In Last Fy, % of Material Inputs or Services Paid For After Delivery	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of material inputs or services were purchased on credit - paid after delivery?
V93	k2c	In Last Fy, % of Total Annual Sales Paid For After Delivery	discrete	numeric	In fiscal year [insert last complete fiscal year], what percent of this establishment's total annual sales of its goods or services were - paid for after delivery?
V94	k3a	% of Working Capital Financed From Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - internal funds or retained earnings

ID	Name	Label	Type	Format	Question
V95	k3bc	% of Working Capital Borrowed From Banks	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that 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
V96	k3e	% of Working Capital Borrowed From Non-Bank Financial Institutions	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies.
V97	k3f	% of Working Capital Purchased On Credit/Advances From Suppliers /Customers	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - purchases on credit from suppliers and advances from customers
V98	k3hd	% of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - other (moneylenders, friends, relatives, etc.)
V99	k4	Did This Establishment Purchase Any Fixed Assets In Last FY?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment purchase any fixed assets, such as machinery, vehicles, equipment, land or buildings?
V100	k5a	Last Fy, % Fixed Assets Funded By: Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources - Internal funds or retained earnings (percent)
V101	k5i	Last Fy, % Fixed Assets Funded By: Owner's Contributions or Issued New Equity	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources? Owner's contribution or issued new equity shares (percent)
V102	k5bc	Last Fy, % Fixed Assets Funded By: Bank Borrowing	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources - Borrowed from banks: private and state-owned (percent)



ID	Name	Label	Type	Format	Question
V103	k5e	Last Fy, % Fixed Assets Funded By: Non-Bank Financial Institutions	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies (percent)
V104	k5f	Last Fy, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Purchases on credit from suppliers and advances from customers (percent)
V105	AFk5hdj_a2	Fixed Assets - % Other	discrete	numeric	
V106	k6	Does This Establishment Have A Checking And/or Saving Account?	discrete	numeric	Now let's talk about the establishment's current situation. At this time, does this establishment have a checking or savings account?
V107	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V108	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?
V109	k13	Financing Required For The Most Recent Line of Credit or Loan	discrete	numeric	Referring only to this most recent loan or line of credit, did the financing require collateral?
V110	k14a	Type of Collateral Required For The Most Recent Loan? Land, Buildings	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required - land, buildings under ownership of the establishment?
V111	k14b	Type of Collateral Required For The Most Recent Loan? Equipment	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required - machinery and equipment including movables?
V112	k14c	Type of Collateral Required For The Most Recent Loan? Accounts	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required - accounts receivable and inventories?
V113	k14d	Type of Collateral Required For The Most Recent Loan? Personal Assets	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required - personal assets of owner (house, etc.)
V114	k14e	Type of Collateral Required For The Most Recent Loan? Other	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required - other forms of collateral not included in the categories above?
V115	k15a	Value of Collateral Required For The Most Recent Credit/Loan	discrete	numeric	Referring only to this most recent line of credit or loan, what was the approximate value of the collateral required?
V116	k16	In Last FY, Did Establishment Apply For New Loans/Lines of Credit?	discrete	numeric	Referring again to the last fiscal year [insert last complete fiscal year], did this establishment apply for any loans or lines of credit?

ID	Name	Label	Type	Format	Question
V117	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?
V118	k21	Financial Statements Checked & Certified By External Auditor In Last FY?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment have its annual financial statements checked and certified by an external auditor?
V119	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?
V120	h7a	The Court System Is Fair, Impartial And Uncorrupted	discrete	numeric	I am going to read some statements that describe the courts system and how it could affect business. For each statement, please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "The court system is fair, impartial and uncorrupted."
V121	j2	What % of Senior Management Time Was Spent In Dealing With Govt Regulations?	discrete	numeric	In a typical week over the last year, what percentage of total senior management's time was spent on dealing with requirements imposed by government regulations? [By senior management I mean managers, directors, and officers above direct supervisors of production/sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms]
V122	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?
V123	j4	Frequency of Inspections/Requirement For Meeting By Tax officials	discrete	numeric	Over the last year, how many times was this establishment either inspected by tax officials or required to meet with them?
V124	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?
V125	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?
V126	j6	% of Contract Value Avg. Firm Pays In Informal Gifts to Govt to Secure Contract?	discrete	numeric	When establishments like this one do business with the government, what percent of the contract value would be typically paid in informal payments or gifts to secure the contract?

ID	Name	Label	Type	Format	Question
V127	j7a	Percent of Total Annual Sales Paid In Informal Payments	discrete	numeric	It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percent of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose - percent of total annual sales paid as informal payment.
V128	j7b	Total Annual Informal Payment	discrete	numeric	It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percent of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose - total annual informal payment?
V129	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?
V130	j11	How Many Days Did It Take to Obtain Your Import License?	discrete	numeric	Approximately how many days did it take to obtain this import license from the day of the application to the day it was granted?
V131	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?
V132	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?
V133	j14	How Many Days Did It Take to Obtain Your Operating License?	discrete	numeric	Approximately how many days did it take to obtain this operating license from the day of the application to the day it was granted?
V134	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?
V135	j30a	How Much of An Obstacle: Tax Rates	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment - tax rates
V136	j30b	How Much of An Obstacle: Tax Administrations	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment - tax administration

ID	Name	Label	Type	Format	Question
V137	j30c	How Much of An Obstacle: Business Licensing And Permits	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment -business licensing and permits
V138	j30e	How Much of An Obstacle: Political Instability	discrete	numeric	Using the response options on the card; To what degree is political instability an obstacle to the current operations of this establishment?
V139	j30f	How Much of An Obstacle: Corruption	discrete	numeric	Using the response options on the card; To what degree is corruption an obstacle to the current operations of this establishment?
V140	h30	How Much of An Obstacle: Courts	discrete	numeric	Using the response options on the card; To what degree are courts an obstacle to the current operations of this establishment?
V141	l1	Num. Permanent, Full-Time Employees At End of Last Fiscal Year	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees did this establishment employ? Please include all employees and managers
V142	l2	Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago	discrete	numeric	Three fiscal years ago, at the end of fiscal year [insert three complete fiscal years ago], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers
V143	l5	Num. Full-Time Employees At End of Last FY: Female	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female?
V144	l6	Num. Full-Time Temporary Employees At End of Last FY	discrete	numeric	How many full-time temporary employees did this establishment employ in fiscal year [insert last complete fiscal year]?
V145	l8	Avg. Length of Employment of All Full-Time Temporary Employees In Last FY	discrete	numeric	What was the average length of employment of all full-time temporary employees in fiscal year [insert last complete fiscal year]?
V146	l10	Formal Training Programs For Permanent, Full-Time Employees In Last FY	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment have formal training programs for its permanent, full-time employees?
V147	l30a	How Much of An Obstacle: Labor Regulations?	discrete	numeric	Using the response options on the card; To what degree are Labor Regulations an obstacle to the current operations of this establishment?
V148	l30b	How Much of An Obstacle: Inadequately Educated Workforce?	discrete	numeric	Using the response options on the card; To what degree is an Inadequately Educated Workforce an obstacle to the current operations of this establishment?

ID	Name	Label	Type	Format	Question
V149	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?
V150	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total annual cost of labor including wages, salaries, bonuses, social security payments?
V151	n2e	Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	discrete	numeric	From this establishment's Income Statement for fiscal year 2015/2016, please provide the following information - total annual cost of raw materials and intermediate goods used in production?
V152	n2b	Total Annual Costs of Electricity In Last Fiscal Year	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information -total annual costs of electricity?
V153	n6a	Net Book Value of Machinery Vehicles, And Equipment In Last Fiscal Year	discrete	numeric	From this establishment's Balance Sheet for fiscal year [insert last complete fiscal year], what was the net book value, that is the value of assets after depreciation, of the following - machinery, vehicles, and equipment?
V154	a15a1ax	Main Respondent Position In The Firm	discrete	character	Main respondent - position in the firm
V155	a15a2a	Main Respondent Years Working In The Firm:	discrete	numeric	Main respondent - years working in the firm?
V156	a15a3	Main Respondent's Gender	discrete	numeric	Main respondent's gender?
V157	a15a1bx	Second Respondent Position In The Firm	discrete	character	Second respondent - position in the firm?
V158	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	Second respondent - years working in the firm?
V159	a15b3	Second Respondent's Gender	discrete	numeric	Second respondent's gender?
V160	a15a1cx	Third Respondent Position In The Firm	discrete	character	Third respondent - position in the firm?
V161	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	Third respondent - years working in the firm?
V162	a15c3	Third Respondent's Gender	discrete	numeric	Third respondent's gender?
V163	a15d	Day	contin	numeric	Time face-to-face interview ends - day?
V164	a15m	Month	discrete	numeric	Time face-to-face interview ends - month?
V165	a15y	Year	discrete	numeric	Time face-to-face interview ends - year?
V166	a15h	Hour	contin	numeric	Time face-to-face interview ends - hour?
V167	a15min	Minutes	contin	numeric	Time face-to-face interview ends - minutes?

ID	Name	Label	Type	Format	Question
V168	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
V169	a17	Responses to The Questions About Figures Area's	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V170	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V171	a19h	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours	discrete	numeric	If option 2 or 3 in A.18, estimate duration of the whole interview
V172	a19m	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes	contin	numeric	If option 2 or 3 in A.18, estimate duration of the whole interview
V173	wstrict	Weight according to strict eligibility	contin	numeric	
V174	wmedian	Weight according to median eligibility	contin	numeric	
V175	wweak	Weight according to weak eligibility	contin	numeric	
V176	_2017_a3c	Main Business City?	discrete	numeric	Is this city the main business city?
V177	_2017_a4b	Industry Screener Sector	discrete	numeric	Screener sector
V178	_2017_a1a	Language of The Interview	discrete	numeric	Language
V179	_2017_a7b	Is This Establishment The Headquarters Location?	discrete	numeric	Is this establishment the headquarters location?
V180	_2017_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?
V181	_2017_b4a	% of The Firm Owned By Females	discrete	numeric	What percentage of the firm is owned by females?
V182	_2017_b8x	Specify The Internationally-Recognized Quality Certifications	discrete	character	Please specify the internationally-recognized quality certifications
V183	_2017_c15	Did You Experience Insufficient Water Supply For Production In Last FY?	discrete	numeric	Over fiscal year [insert last complete fiscal year], did this establishment experience insufficient water supply for production?
V184	_2017_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?
V185	_2017_d1a1a	Establishment'S Main Product/Service Last FY	discrete	numeric	
V186	_2017_d1a1x	Main Product/Service (By The Largest % of Annual Sales) In Last Fiscal Year	discrete	character	In fiscal year [insert last complete fiscal year], what was this establishment's main product, that is, the product that represented the largest proportion of annual sales?
V187	_2017_d2x	Please Also Write Out The Number	discrete	character	In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for all products and services?

ID	Name	Label	Type	Format	Question
V188	_2017_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?
V189	_2017_d8	In What Year Did This Establishment First Export Directly or Indirectly?	discrete	numeric	In which year did this establishment first export directly or indirectly?
V190	_2017_d11	In Last Fy, % of Value of Products Lost In Transit Due to Breakage or Spoilage?	discrete	numeric	In fiscal year [insert last complete fiscal year], what percentage of value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?
V191	_2017_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?
V192	_2017_e1	In Last Fy, Main Market For Establishment'S Main Product	discrete	numeric	In fiscal year [insert last complete fiscal year], which of the following was the main market in which this establishment sold its main product?
V193	_2017_e2b	Competitors For The Main Product/Service In The Main Market	discrete	numeric	In fiscal year [insert last complete fiscal year], for the main market in which this establishment sold its main product or service, how many competitors did this establishment's main product or service face?
V194	_2017_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)?
V195	_2017_AFe32	In Last Fiscal Year, Used External Advice For Business Management?	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?
V196	_2017_AFe33a	Peers (Other Business) - Type of Advisors	discrete	numeric	What type of advisors were used - Peers (other businesses)?
V197	_2017_AFe33b	Paid Professionals (Consultants) - Type of Advisors	discrete	numeric	What type of advisors were used - Paid professionals (consultants)?
V198	_2017_AFe33c	Clients or Suppliers - Type of Advisors	discrete	numeric	What type of advisors were used - Clients or suppliers?
V199	_2017_AFe33d	Governments or Donor Funded Institutions - Type of Advisors	discrete	numeric	What type of advisors were used - Governments or donor funded institutions?
V200	_2017_AFe33e	Incubators - Type of Advisors	discrete	numeric	What type of advisors were used - Incubators?
V201	_2017_AFe33f	Accelerator Programs - Type of Advisors	discrete	numeric	What type of advisors were used - Accelerator programs?
V202	_2017_AFe33g	Other	discrete	numeric	What type of advisors were used - other?
V203	_2017_AFe33gx	Other Specify	discrete	character	What type of advisors were used - other (specify)
V204	_2017_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?



ID	Name	Label	Type	Format	Question
V205	_2017_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? Please exclude the simple resale of new goods purchased from others and changes of a solely aesthetic nature.
V206	_2017_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 of this establishment new to one of this establishment's markets?
V207	_2017_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.
V208	_2017_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.
V209	_2017_h5	During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved marketing methods?
V210	_2017_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.
V211	_2017_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
V212	_2017_h8	During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?	discrete	numeric	During the last three years, did this establishment give employees some time to develop or try out a new approach or new idea about products or services, business process, firm management, or marketing?
V213	_2017_h9	How Much Spent On R&D, Either In-House or External?	discrete	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
V214	_2017_f2	Number of Hours Per Week Operated By The Establishment In Last Fiscal Year	discrete	numeric	In fiscal year [insert last complete fiscal year], how many hours per week did this establishment normally operate?



ID	Name	Label	Type	Format	Question
V215	_2017_g6a	Percentage of The Building Occupied: Owned By This Establishment	discrete	numeric	Of the buildings occupied by this establishment, what percent is owned and what percent is rented or leased - owned by this establishment?
V216	_2017_g6b	Percentage of The Building Occupied: Leased or Rented By This Establishment	discrete	numeric	Of the buildings occupied by this establishment, what percent is owned and what percent is rented or leased - Rented or leased by this establishment?
V217	_2017_g6c	Percentage of The Building Occupied: Other	discrete	numeric	Of the buildings occupied by this establishment, what percent is owned and what percent is rented or leased - other?
V218	_2017_g1a	Percentage of The Land Occupied: Owned By This Establishment	discrete	numeric	Of the land occupied by this establishment, what percent is owned by this establishment?
V219	_2017_g1b	Percentage of The Land Occupied: Rented or Leased By This Establishment	discrete	numeric	Of the land occupied by this establishment, what percent is -rented or leased by this establishment
V220	_2017_g1c	Percentage of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is -other?
V221	_2017_g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V222	_2017_g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment- specify units?
V223	_2017_g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment-specify units?
V224	_2017_AfK3a	Working Capital - % Microfinance Institutions	discrete	numeric	Among non-bank financial institutions over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that is the funds available for day-to-day operations, that was financed by microfinance institutions?
V225	_2017_n5a	Total Annual Expenditure For Purchases of Equipment In Last FY	discrete	numeric	In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of - machinery, vehicles, and equipment (new or used)
V226	_2017_n5b	Total Annual Expenditure For Purchases of Land And Buildings In Last FY	discrete	numeric	In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of - land and buildings
V227	_2017_k5a1	Fixed Assets - Value Internal Funds or Retained Earnings	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources - Internal funds or retained earnings (amount)?
V228	_2017_k5i1	Fixed Assets - Value Owner's Contribution or Issued New Equity Shares	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources - owners' contribution or issued new equity shares (amount)

ID	Name	Label	Type	Format	Question
V229	_2017_k5bc1	Fixed Assets - Value Borrowed From Banks	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources - Borrowed from banks: private and state-owned (amount)
V230	_2017_k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies(amount)
V231	_2017_k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Purchases on credit from suppliers and advances from customer (amount)
V232	_2017_AfK5hdj_a1	Fixed Assets - % Quasi Equity Instrument	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources- Quasi equity instruments (mezzanine and sub-ordinate debt) (percent)
V233	_2017_AfK5hdj_a1_1	Fixed Assets - Value Quasi Equity Instrument	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Quasi equity instruments (mezzanine and sub-ordinate debt) (amount)
V234	_2017_AfK5hdj_a2_1	Fixed Assets - Value Other	discrete	numeric	Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: other, moneylenders, friends, relatives, bonds, etc. (amount)
V235	_2017_AfK5e2	Fixed Assets - % Microfinance Institutions	discrete	numeric	Among non-bank financial institutions over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed by microfinance institutions?
V236	_2017_k4b	Purchase Any New/Used Fixed Assets?	discrete	numeric	In fiscal year [insert last complete fiscal year], did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?

ID	Name	Label	Type	Format	Question
V237	_2017_n5c	Total Annual Expenditure For Purchases of Equipment In Year Prior to Last Fy	discrete	numeric	In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of - new or used machinery, vehicles, and equipment
V238	_2017_n5d	Total Annual Expenditure On Land And Buildings In Year Prior to Last Fy	discrete	numeric	In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of - land and buildings
V239	_2017_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?
V240	_2017_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?
V241	_2017_k10	Year When The Most Recent Loan/Line of Credit Approved	discrete	numeric	Referring only to this most recent line of credit or loan, in what year was the most recent line of credit or loan approved?
V242	_2017_k11	For The Most Recent Loan, What Was The Value At The Time of Approval?	discrete	numeric	Referring only to this most recent loan or line of credit, what was its value at the time of approval?
V243	_2017_k15b	Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis	discrete	numeric	What is the total number of outstanding loans or lines of credit held by this establishment?
V244	_2017_k15c	Total Outstanding Balance of All Open Lines of Credit and Loans Held By This Est	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?
V245	_2017_k15d	Outstanding Personal Loans Used to Finance Establishment'S Business Activities?	discrete	numeric	At this time, does the owner of this establishment have any outstanding personal loans that are used to finance this establishment's business activities?
V246	_2017_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?
V247	_2017_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?
V248	_2017_MMs1a	In A Typical Month In Last Fiscal Year How Many Days Were Mobile Money Used?	discrete	numeric	In a typical month in fiscal year [insert last complete fiscal year], over how many days were mobile money used?
V249	_2017_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.
V250	_2017_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?
V251	_2017_MMs4	% Total Labor Cost Paid Using Mobile Money Last Fiscal Year?	discrete	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?
V252	_2017_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?

ID	Name	Label	Type	Format	Question
V253	_2017_MMs6	% Annual Cost of Raw Materials Paid Using Mobile Money Last Fiscal Year	discrete	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?
V254	_2017_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?
V255	_2017_MMs8	% Annual Cost of Utilities Paid Using Mobile Money	discrete	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?
V256	_2017_MMs9	In Last Fiscal Year, Used Mobile Money to Receive Payments From Customers?	discrete	numeric	In the last complete fiscal year, did this establishment use mobile money to receive payments from customers?
V257	_2017_MMs10	% Annual Sales to Receive Payments From Customers	discrete	numeric	In the last complete fiscal year, what percentage of annual sales did this establishment receive from customers using mobile money?
V258	_2017_MMs11a	Reason Establishment Did Not Use Mobile Money - Do Not Know About Mobile Money	discrete	numeric	Why does this establishment not use mobile money for financial transactions -don't know enough about mobile money
V259	_2017_MMs11b	Reason Establishment Did Not Use Mobile Money - Fees to High	discrete	numeric	Why does this establishment not use mobile money for financial transactions - fees are too high?
V260	_2017_MMs11c	Reason Establishment Did Not 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?
V261	_2017_MMs11d	Reason Establishment Did Not Use Mobile Money - Not Easy to Use	discrete	numeric	Why does this establishment not use mobile money for financial transactions - not easy to use
V262	_2017_MMs11e	Reason Establishment Did Not Use Mobile Money - Customers Do Not Use Mobile Money	discrete	numeric	Why does this establishment not use mobile money for financial transactions - customers don't use mobile money
V263	_2017_MMs11f	Reason Establishment Did Not Use Mobile Money - Suppliers Do Not Use Mobile Money	discrete	numeric	Why does this establishment not use mobile money for financial transactions - suppliers don't use mobile money
V264	_2017_mc2	In Fiscal Years 2013-2016, Used Finance From Microfinance Institutions?	discrete	numeric	In fiscal years 2013-2016 has the establishment used financing from microfinance institutions?
V265	_2017_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 2012-2015?
V266	_2017_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?
V267	_2017_mc4x	Other	discrete	character	What was the main reason for reducing or stopping the use of financing from microfinance institutions -other?

ID	Name	Label	Type	Format	Question
V268	_2017_mc5	In FY 2015-2016, Used Alternate Financing After Reduction/Termination of Micro-f	discrete	numeric	Did this establishment use alternate sources of financing given the reduction or termination of financing from microfinance institutions in fiscal years 2015-2016?
V269	_2017_mc6	Main Reason Not Using Financing From Microfinance Institutions?	discrete	numeric	What was the main reason for not using financing from microfinance institutions?
V270	_2017_mc6x	Other	discrete	character	What was the main reason for not using financing from microfinance institutions? Other
V271	_2017_l3a	Num. Full-Time Employees At End of Last FY: Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Production employees
V272	_2017_l3b	Num. Full-Time Employees At End of Last FY: Non-Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were - non-production employees [e.g., managers, administration, sales]
V273	_2017_l4a1	Num. of Permanent, Full-Time Highly Skilled Production Workers, Last Fy	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were- Highly skilled production workers
V274	_2017_l4a2	Num. of Permanent, Full-Time Semi Skilled Production Workers, Last Fy	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time individuals working in this establishment were-semi-skilled production workers
V275	_2017_l4b	Num. of Permanent, Full-Time Unskilled Production Workers, Last Fy	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were- unskilled production workers
V276	_2017_l5a	Num. Full-Time Employees At End of Last FY: Female Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female - female permanent full-time production employees
V277	_2017_l5b	Num. Full-Time Employees At End of Last FY: Female Non-Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female - female permanent full-time non-production employees
V278	_2017_l6a	Female Temporary, Full-Time Workers Employed Throughout Last FY	discrete	numeric	How many full-time temporary employees employed throughout fiscal year [insert last complete fiscal year], were females?
V279	_2017_l9b	% of Full Time Workers Completed High School	discrete	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V280	_2017_l11a	% Permanent Full-Time Production Employees Received Formal Training In Last Ffy	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percent of permanent, full-time employees of the following categories received formal training - production full-time permanent employees trained

ID	Name	Label	Type	Format	Question
V281	_2017_l11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)-Production full-time permanent employees trained.
V282	_2017_l11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last Fy	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percent of permanent, full-time employees of the following categories received formal training - non-production full-time permanent employees trained
V283	_2017_l11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	discrete	numeric	Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - non-production full-time permanent employees trained
V284	_2017_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	_2017_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	_2017_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	_2017_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	_2017_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	_2017_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

ID	Name	Label	Type	Format	Question
V290	_2017_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	_2017_AFI12	Over The Last Two Years, Hire or Try to Hire Any Skilled Workers?	discrete	numeric	Over the last two years, did this establishment hire or try to hire any skilled workers?
V292	_2017_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	_2017_AFI13b	Applicants Lacked Required Skills	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker -applicants lacked required skills?
V294	_2017_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	_2017_AFI13d	Applicants Did Not Like The Working Conditions	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	_2017_AFI13e	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker - other?
V297	_2017_AFI13x	Please Specify	discrete	character	Did the establishment encounter any of the following problems when trying to hire a skilled worker - other (specify)
V298	_2017_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	_2017_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



ID	Name	Label	Type	Format	Question
V300	_2017_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	_2017_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	_2017_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	_2017_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	_2017_n2i	Total Annual Cost of Finished Goods/Materials Bought to Resell In Last FY	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information - total annual cost of finished goods/materials bought to resell?
V305	_2017_n2p	Total Cost of Sales In Last FY	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information - total cost of sales?
V306	_2017_n7a	Cost For Establishment to Re-Purchase All of Its Machinery	discrete	numeric	Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition and regardless of whether the establishment owns them or not, how much would they cost, independently of whether they are owned, rented or leased- Machinery, vehicles, and equipment.
V307	_2017_stratificationregioncode	Stratification region code	discrete	numeric	
V308	_2017_stratificationsizecode	Stratification size code	discrete	numeric	
V309	_2017_stratificationsectorcode	Stratification sector code	discrete	numeric	
V310	_2017_stratificationpanelcode	Panel code	discrete	numeric	



ID	Name	Label	Type	Format	Question
V311	_2017_strata	See notes	contin	numeric	
V312	v_2009_a4b	Industry screener sector	discrete	numeric	
V313	v_2009_a5	Sector match between screener information and sample frame	discrete	numeric	
V314	v_2009_a8	Type of establishment	discrete	numeric	Type of establishment?
V315	v_2009_a10	Establishment financial statements separate from other establishments	discrete	numeric	
V316	v_2009_b3a	Are the owner of the firm:	discrete	numeric	Are you the owner of the firm?
V317	v_2009_AFb4a	Ethnic origin of the current largest owner	discrete	numeric	Ethnic origin of the current largest owner
V318	v_2009_AFb4a1	Main african ethnic group	discrete	numeric	Main african ethnic group
V319	v_2009_AFb4a4	Main 'other asian ethnic groups'	discrete	numeric	Main 'other asian ethnic groups'
V320	v_2009_b3c	How did the largest owner acquire ownership of this firm	discrete	numeric	How did the largest owner acquire ownership of this firm?
V321	v_2009_b3d	The family business was joined by:	discrete	numeric	The family business was joined by?
V322	v_2009_b3e	Why did largest owner start or take over this firm?	discrete	numeric	Why did largest owner start or take over this firm?
V323	v_2009_b3f	Largest owner's involvement in decision making in this firm(s)?	discrete	numeric	Largest owner's involvement in decision making in this firm(s)?
V324	v_2009_AFb7a	What is the highest level of education of the current top manager?	discrete	numeric	What is the highest level of education of the current top manager?
V325	v_2009_AFb8a	Is this establishment located in an export processing or other industrial zone?	discrete	numeric	Is this establishment located in an export processing or other industrial zone?
V326	v_2009_c19	Application to obtain a telephone connection submitted over the last two years	discrete	numeric	Application to obtain a telephone connection submitted over the last two years
V327	v_2009_c20	How many days did it take for you to receive a telephone connection service?	discrete	numeric	How many days did it take for you to receive a telephone connection service?
V328	v_2009_c21	When you applied for a telephone connection was an informal gift requested?	discrete	numeric	
V329	v_2009_AFd3f	in 2007, what % of annual export revenue was to: neighboring countries	discrete	numeric	in 2007, what % of annual export revenue was to: neighboring countries
V330	v_2009_k2a	% of total annual sales paid for before the delivery in last fiscal year	discrete	numeric	% of total annual sales paid for before the delivery in last fiscal year
V331	v_2009_k2b	And what percent were: paid on delivery?	discrete	numeric	And what percent were: paid on delivery?
V332	v_2009_k5j	% fixed assets financed from issued new debt fy 07	discrete	numeric	% fixed assets financed from issued new debt fy 07
V333	v_2009_AFk7a	For this establishment's overdraft facility, what is the average interest rate?	discrete	numeric	For this establishment's overdraft facility, what is the average interest rate?
V334	v_2009_AFk8a	Was this most recent credit in the form of?	discrete	numeric	Was this most recent credit in the form of?

ID	Name	Label	Type	Format	Question
V335	v_2009_AfK10a	What is the rate of interest of this most recent [line of credit or loan]?	discrete	numeric	What is the rate of interest of this most recent [line of credit or loan]?
V336	v_2009_k12	Was est. granted to pay off the loan/line of credit from time received?	discrete	numeric	Was est. granted to pay off the loan/line of credit from time received?
V337	v_2009_k18a	Apply for any new loans/lines of credit that were rejected in last fiscal year?	discrete	numeric	Apply for any new loans/lines of credit that were rejected in last fiscal year?
V338	v_2009_k19	How many of those loan or line of credit applications were rejected?	discrete	numeric	
V339	v_2009_AfK20	In 2007, what was the main reason given by the lender for those rejections?	discrete	numeric	In 2007, what was the main reason given by the lender for those rejections?
V340	v_2009_j8	What % of sales does your typical competitor firm declare for tax purposes?	discrete	numeric	What % of sales does your typical competitor firm declare for tax purposes?
V341	v_2009_AFs1y	Do you currently have a pre-employment health check for new employees?	discrete	numeric	Do you currently have a pre-employment health check for new employees?
V342	v_2009_AFs2a	Affected in past 2yrs by: high absenteeism due to hiv/aids	discrete	numeric	Affected in past 2yrs by: high absenteeism due to HIV Aids
V343	v_2009_AFs2b	Affected in past 2yrs by: high absenteeism as employees care for those with hiv	discrete	numeric	Affected in past 2yrs by: high absenteeism as employees care for those with HIV
V344	v_2009_AFs3a	Did you undertake to prevent hiv/aids among employees? hiv prevention messages	discrete	numeric	Did you undertake to prevent hiv/aids among employees? HIV prevention messages
V345	v_2009_AFs3b	Did you undertake to prevent hiv/aids among employees? free condom distribution	discrete	numeric	Did you undertake to prevent hiv/aids among employees? free condom distribution
V346	v_2009_AFs3c	Did you undertake to prevent hiv/aids among employees? anonymous hiv testing	discrete	numeric	Did you undertake to prevent hiv/aids among employees? anonymous HIV testing
V347	v_2009_AFs4	In 2007, how much did you spend on all aids/hiv programs and activities?	discrete	numeric	In 2007, how much did you spend on all aids/hiv programs and activities?
V348	v_2009_m1d	Rotation order	discrete	numeric	
V349	v_2009_n6b	Net book value of land and buildings in last fiscal year	discrete	numeric	
V350	v_2009_strata	Group(a2 a4anew a6a)	discrete	numeric	
V351	id2009	ID number of 2009 survey	discrete	numeric	
V352	id2017	ID number of 2017 survey	discrete	numeric	



## WEB STD FIRMID (idstd)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 433001-620035

Valid cases: 0  
 Invalid: 0

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

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 433001-620035

Valid cases: 0  
 Invalid: 0

## Year of survey (year)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2009-2017

Valid cases: 0  
 Invalid: 0

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

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Eligibility of 2009 firm in 2017 (eligibility2017)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: character  
 Width: 94

Valid cases: 0  
 Invalid: 0

## Industry Sampling Sector (a4a)

File: Liberia\_2009\_2017

## Industry Sampling Sector (a4a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

## Sampling Size (a6a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

## Sampling Region (a2)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

## Official Capital City? (a3b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Is this city the official capital city?

## Size of Locality (a3)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

## Size of Locality (a3)

File: Liberia\_2009\_2017

Size of locality?

## Supervisor Number (a13)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1-9375

Valid cases: 0  
 Invalid: 0

**Literal question**

Supervisor code

## Questionnaire (a0)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Region of The Establishment (a3a)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Screener Size (a6b)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Screener Size

## Day (a14d)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview begins -day?

## Month (a14m)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview begins -month?

## Year (a14y)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2008-2017

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview begins -year?

## Hour (a14h)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview begins -hour?

## Minutes (a14min)

File: Liberia\_2009\_2017

## Minutes (a14min)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Time face-to-face interview begins -minutes?

## Interviewer Number (a12)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1-7693

Valid cases: 0  
Invalid: 0

## Country Code (a1)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 23-86

Valid cases: 0  
Invalid: 0

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

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Is this establishment part of a larger firm?

## Number of Establishments In The Firm (a7a)

### File: Liberia\_2009\_2017

#### Overview



## Number of Establishments In The Firm (a7a)

File: Liberia\_2009\_2017

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-54

Valid cases: 0  
Invalid: 0

### Literal question

How many establishments are part of the firm?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Legal Status of The Firm (b1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

What is this firm's current legal status?

## Other (Specify) (b1x)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

#### Literal question

What is this firm's current legal status - other

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

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## % Owned By Private Domestic Individuals, Companies or organizations (b2a)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What percent 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: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## % Owned By Government/State (b2c)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## % Owned By Other (b2d)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-50

Valid cases: 0  
Invalid: 0

### Literal question

What percent of this firm is owned by each of the following-other

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Year Establishment Began Operations (b5)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2016

Valid cases: 0  
Invalid: 0

### Literal question

In what year did this establishment begin operations?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Was this establishment formally registered when it began operations?

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2016

Valid cases: 0  
Invalid: 0

### Literal question

In what year was this establishment formally registered?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

How many years of experience working in this sector does the top Manager have?

## Is The top Manager Female? (b7a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Is the Top Manager female?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Does this establishment have an internationally-recognized quality certification?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-90

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-58

Valid cases: 0  
Invalid: 0

#### Literal question

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

## In Last Fy, Losses As % of Annual Sales Due to Power Outages (c9a)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-85

Valid cases: 0  
Invalid: 0

#### Literal question

Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses. Loss as percent of total annual sales due to power outages

## In Last Fy, Value of Losses Due to Power Outages (c9b)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### 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: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percent of this establishment's electricity came from a generator or generators that the establishment owned or shared?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0



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

File: Liberia\_2009\_2017

### Literal question

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

## Frequency of Incidents of Water Shortages In A Typical Month In Last FY (c16)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-30

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1531-7290

Valid cases: 0  
Invalid: 0

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

What percentage of total sales does the main product represent?

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-250000000000

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales?

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-103000000000

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?

## % of Sales: National Sales (d3a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## % O Sales: Indirect Exports (d3b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percent of this establishment's sales were - Indirect exports (sold domestically to third party that exports products)

## % of Sales: Direct Exports (d3c)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## In Last Fy, Avg. Num. of Days For Exported Goods to Clear Customs? (d4)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-14

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?

## In Last Fy, Export Losses Due to Theft As % of Value of Products (d6)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## In Last Fy, Export Losses Due to Breakage or Spoilage As % of Value of Products (d7)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

## In Last Fy, Export Losses Due to Breakage or Spoilage As % of Value of Products (d7)

File: Liberia\_2009\_2017

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

## In Last Fy, % of Value of Products Lost In Transit Due to Theft (d10)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-60

Valid cases: 0  
Invalid: 0

### Literal question

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

## % of Material Inputs And Supplies of Domestic origin In Last Fiscal Year (d12a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## % of Material Inputs And Supplies of Foreign origin In Last Fiscal Year (d12b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

File: Liberia\_2009\_2017

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

More specifically, 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: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-366

Valid cases: 0  
Invalid: 0

### 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?

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

File: Liberia\_2009\_2017

### Overview



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

File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## How Much of An Obstacle: Access to Land? (g30a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Is access to land No obstacle, a minor obstacle, a moderate obstacle, a major obstacle, or a very severe obstacle to the current operations of this establishment?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment pay for security, for example equipment, personnel, or professional security services?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security- Percent of total annual sales for security?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], did this establishment experience losses as a result of theft, robbery, vandalism or arson?

## Losses Due to Theft, Robbery, Vandalism or Arson In Last FY (% of Sales) (i4a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses - Losses as percent of total annual sales?

## Value of Losses Due to Theft, Robbery, Vandalism or Arson In Last FY (i4b)

File: Liberia\_2009\_2017

### Overview

## Value of Losses Due to Theft, Robbery, Vandalism or Arson In Last FY (i4b)

File: Liberia\_2009\_2017

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-200000000

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses - Total annual value of losses?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## In Last Fy, % of Total Annual Sales Paid For After Delivery (k2c)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - internal funds or retained earnings

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-80

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-50

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies.

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

File: Liberia\_2009\_2017

### Overview

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

File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - purchases on credit from suppliers and advances from customers

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that was financed from each of the following sources - other (moneylenders, friends, relatives, etc.)

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

File: Liberia\_2009\_2017

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources - Internal funds or retained earnings (percent)

## Last Fy, % Fixed Assets Funded By: Owner's Contributions or Issued New Equity (k5i)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-60

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-70

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-60

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies (percent)

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Purchases on credit from suppliers and advances from customers (percent)

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

## Does This Establishment Have A Checking And/or Saving Account? (k6)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Financing Required For The Most Recent Line of Credit or Loan (k13)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question



## Type of Collateral Required For The Most Recent Loan?

### Equipment (k14b)

File: Liberia\_2009\_2017

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-3000000000

Valid cases: 0  
Invalid: 0

### Literal question

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

## In Last FY, Did Establishment Apply For New Loans/Lines of Credit? (k16)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Referring again to the last fiscal year [insert last complete fiscal year], did this establishment apply for any loans or lines of credit?

## Main Reason For Not Applying For New Loans or New Lines of Credit (k17)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

File: Liberia\_2009\_2017

In fiscal year [insert last complete fiscal year], 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

I am going to read some statements that describe the courts system and how it could affect business. For each statement, please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "The court system is fair, impartial and uncorrupted."

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Frequency of Inspections/Requirement For Meeting By Tax officials (j4)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-36

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-75

Valid cases: 0  
Invalid: 0

### Literal question

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

## Total Annual Informal Payment (j7b)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-35000000

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-48

Valid cases: 0  
Invalid: 0

### 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

File: Liberia\_2009\_2017

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview



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

### File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

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

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

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

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1961

Valid cases: 0  
Invalid: 0

#### Literal question

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

## Num. Full-Time Employees At End of Last FY: Female (l5)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## Num. Full-Time Temporary Employees At End of Last FY (l6)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-95

Valid cases: 0  
Invalid: 0

#### Literal question

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

## Avg. Length of Employment of All Full-Time Temporary Employees In Last FY (l8)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What was the average length of employment of all full-time temporary employees in fiscal year [insert last complete fiscal year]?

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

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

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

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1037000000

Valid cases: 0  
Invalid: 0

### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total annual 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: Liberia\_2009\_2017

### Overview

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

File: Liberia\_2009\_2017

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-670000000

Valid cases: 0  
Invalid: 0

### Literal question

From this establishment's Income Statement for fiscal year 2015/2016, 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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information -total annual costs of electricity?

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-8900000000

Valid cases: 0  
Invalid: 0

### Literal question

From this establishment's Balance Sheet for fiscal year [insert last complete fiscal year], what was the net book value, that is the value of assets after depreciation, of the following - machinery, vehicles, and equipment?

## Main Respondent Position In The Firm (a15a1ax)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 39

Valid cases: 0  
Invalid: 0

### Literal question

Main respondent - position in the firm

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

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Main respondent - years working in the firm?

## Main Respondent's Gender (a15a3)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Main respondent's gender?

## Second Respondent Position In The Firm (a15a1bx)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 42

Valid cases: 0  
Invalid: 0

#### Literal question

Second respondent - position in the firm?

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

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-27

Valid cases: 0  
Invalid: 0

#### Literal question

Second respondent - years working in the firm?

## Second Respondent's Gender (a15b3)

### File: Liberia\_2009\_2017

#### Overview

## Second Respondent's Gender (a15b3)

File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

### Literal question

Second respondent's gender?

## Third Respondent Position In The Firm (a15a1cx)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 17

Valid cases: 0  
Invalid: 0

### Literal question

Third respondent - position in the firm?

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

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-26

Valid cases: 0  
Invalid: 0

### Literal question

Third respondent - years working in the firm?

## Third Respondent's Gender (a15c3)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Third respondent's gender?

## Day (a15d)

File: Liberia\_2009\_2017

### Overview

## Day (a15d)

File: Liberia\_2009\_2017

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview ends - day?

## Month (a15m)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 6-10

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview ends - month?

## Year (a15y)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2008-2017

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview ends - year?

## Hour (a15h)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Time face-to-face interview ends - hour?

## Minutes (a15min)

File: Liberia\_2009\_2017

**Overview**

## Minutes (a15min)

File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

### Literal question

Time face-to-face interview ends - minutes?

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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's (a17)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## This Questionnaire Was Completed In: (a18)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

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

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Weight according to strict eligibility (wstrict)

File: Liberia\_2009\_2017

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 1-20.7678470611572

Valid cases: 0  
Invalid: 0

## Weight according to median eligibility (wmedian)

File: Liberia\_2009\_2017

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 1-22.9164047241211

Valid cases: 0  
Invalid: 0

## Weight according to weak eligibility (wwweak)

File: Liberia\_2009\_2017

### Overview

## Weight according to weak eligibility (wweak)

File: Liberia\_2009\_2017

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 1-25.3927669525146

Valid cases: 0  
Invalid: 0

## Main Business City? (\_2017\_a3c)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Is this city the main business city?

## Industry Screener Sector (\_2017\_a4b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Screener sector

## Language of The Interview (\_2017\_a1a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Language

## Is This Establishment The Headquarters Location? (\_2017\_a7b)

File: Liberia\_2009\_2017

### Overview

## Is This Establishment The Headquarters Location? (\_2017\_a7b)

### File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

#### Literal question

Is this establishment the headquarters location?

## Does This Headquarters Location Engage In Production or Sales At This Location? (\_2017\_a7c)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## % of The Firm Owned By Females (\_2017\_b4a)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What percentage of the firm is owned by females?

## Specify The Internationally-Recognized Quality Certifications (\_2017\_b8x)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 8

Valid cases: 0  
Invalid: 0

#### Literal question

Please specify the internationally-recognized quality certifications

## Did You Experience Insufficient Water Supply For Production In Last FY? ( \_2017\_c15)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## How Much of An Obstacle: Telecommunications to Operations of This Establishment? ( \_2017\_c30b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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 FY ( \_2017\_d1a1a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

## Main Product/Service (By The Largest % of Annual Sales) In Last Fiscal Year ( \_2017\_d1a1x)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 89

Valid cases: 0  
Invalid: 0

### Literal question

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

## Please Also Write Out The Number ( \_2017\_d2x)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 59

Valid cases: 0  
Invalid: 0

#### Literal question

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

## In Clearing Exports Through Customs, Informal Gift/Payment Expected or Requested? ( \_2017\_d5a)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### 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 What Year Did This Establishment First Export Directly or Indirectly? ( \_2017\_d8)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2016

Valid cases: 0  
Invalid: 0

#### Literal question

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

## In Last Fy, % of Value of Products Lost In Transit Due to Breakage or Spoilage? ( \_2017\_d11)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## In Clearing Imports Through Customs, Informal Gift/Payment Expected or Requested? (\_2017\_d15a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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?

## In Last Fy, Main Market For Establishment'S Main Product (\_2017\_e1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], which of the following was the main market in which this establishment sold its main product?

## Competitors For The Main Product/Service In The Main Market (\_2017\_e2b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Establishment Part of Formal or Informal Business Association? (\_2017\_AFe31)

File: Liberia\_2009\_2017

### Overview

## Establishment Part of Formal or Informal Business Association? ( \_2017\_AFe31)

File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## In Last Fiscal Year, Used External Advice For Business Management? ( \_2017\_AFe32)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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?

## Peers (Other Business) - Type of Advisors ( \_2017\_AFe33a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Paid Professionals (Consultants) - Type of Advisors ( \_2017\_AFe33b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

What type of advisors were used - Paid professionals (consultants)?

## Clients or Suppliers - Type of Advisors ( \_2017\_AFe33c)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What type of advisors were used - Clients or suppliers?

## Governments or Donor Funded Institutions - Type of Advisors ( \_2017\_AFe33d)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## Incubators - Type of Advisors ( \_2017\_AFe33e)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What type of advisors were used - Incubators?

## Accelerator Programs - Type of Advisors ( \_2017\_AFe33f)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What type of advisors were used - Accelerator programs?



## Other ( \_2017\_AFe33g)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What type of advisors were used - other?

## Other Specify ( \_2017\_AFe33gx)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 24

Valid cases: 0  
Invalid: 0

#### Literal question

What type of advisors were used - other (specify)

## Rate Overall Business Support Systems In City Establishment Is Located ( \_2017\_AFe34)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## New Products/Services Introduced Over Last 3 Yrs ( \_2017\_h1)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## New Products/Services Also New For The Establishment'S Main Market ( \_2017\_h2)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Describe In Detail The Main New or Significantly Improved Product or Service ( \_2017\_h3x)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 200

Valid cases: 0

### 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 ( \_2017\_h4x)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 153

Valid cases: 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.

## During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process ( \_2017\_h5)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Describe Main New/Significantly Improved Process This Establishment Introduced ( \_2017\_h6x)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 200

Valid cases: 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 ( \_2017\_h7x)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 49

Valid cases: 0  
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

## During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)? ( \_2017\_h8)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## How Much Spent On R&D, Either In-House or External? ( \_2017\_h9)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-152000000

Valid cases: 0  
Invalid: 0

### Literal question

## How Much Spent On R&D, Either In-House or External? ( \_2017\_h9)

File: Liberia\_2009\_2017

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

## Number of Hours Per Week Operated By The Establishment In Last Fiscal Year ( \_2017\_f2)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Percentage of The Building Occupied: Owned By This Establishment ( \_2017\_g6a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Percentage of The Building Occupied: Leased or Rented By This Establishment ( \_2017\_g6b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Percentage of The Building Occupied: Other ( \_2017\_g6c)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## Percentage of The Land Occupied: Owned By This Establishment ( \_2017\_g1a)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
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 ( \_2017\_g1b)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
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 ( \_2017\_g1c)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Of the land occupied by this establishment, what percent is -other?

## What Is The Total Selling Area In This Establishment? ( \_2017\_g5a) File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-560

Valid cases: 0  
Invalid: 0

### Literal question

What is the total selling area of this establishment?

## The Area Is Measured In: ( \_2017\_g5b) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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 ( \_2017\_g5bx) File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

### Literal question

What is the total selling area of this establishment-specify units?

## Working Capital - % Microfinance Institutions ( \_2017\_AFk3a) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Among non-bank financial institutions over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's working capital that is the funds available for day-to-day operations, that was financed by microfinance institutions?

## Total Annual Expenditure For Purchases of Equipment In Last FY (\_2017\_n5a)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-380000000

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of - machinery, vehicles, and equipment (new or used)

## Total Annual Expenditure For Purchases of Land And Buildings In Last FY (\_2017\_n5b)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-120000000

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of - land and buildings

## Fixed Assets - Value Internal Funds or Retained Earnings (\_2017\_k5a1)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-280000000

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources - Internal funds or retained earnings (amount)?

## Fixed Assets - Value Owner's Contribution or Issued New Equity Shares (\_2017\_k5i1)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-28000000

Valid cases: 0  
Invalid: 0

## Fixed Assets - Value Owner's Contribution or Issued New Equity Shares ( \_2017\_k5i1)

File: Liberia\_2009\_2017

### Literal question

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

## Fixed Assets - Value Borrowed From Banks ( \_2017\_k5bc1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Fixed Assets - Value Borrowed From Non-Bank Financial Institutions ( \_2017\_k5e1)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-100000

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies (amount)

## Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers ( \_2017\_k5f1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Purchases on credit from suppliers and advances from customer (amount)



## Fixed Assets - % Quasi Equity Instrument ( \_2017\_AFk5hdj\_a1)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources- Quasi equity instruments (mezzanine and sub-ordinate debt) (percent)

## Fixed Assets - Value Quasi Equity Instrument ( \_2017\_AFk5hdj\_a1\_1)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Over fiscal year [insert last complete fiscal year], please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Quasi equity instruments (mezzanine and sub-ordinate debt) (amount)

## Fixed Assets - Value Other ( \_2017\_AFk5hdj\_a2\_1)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-45000000

Valid cases: 0  
Invalid: 0

#### Literal question

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

## Fixed Assets - % Microfinance Institutions ( \_2017\_AFk5e2)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

## Fixed Assets - % Microfinance Institutions ( \_2017\_AFk5e2)

File: Liberia\_2009\_2017

Among non-bank financial institutions over fiscal year [insert last complete fiscal year], 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? ( \_2017\_k4b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], 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 ( \_2017\_n5c)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], 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 ( \_2017\_n5d)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-500000000

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal year [insert last complete fiscal year], how much did this establishment spend on purchases of - land and buildings

## Type of Financial Institution That Granted The Line of Credit or Loan ( \_2017\_k9)

File: Liberia\_2009\_2017

## Type of Financial Institution That Granted The Line of Credit or Loan ( \_2017\_k9)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Line of Credit or Loan From Microfinance Institution? ( \_2017\_mc1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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 ( \_2017\_k10)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2016

Valid cases: 0  
Invalid: 0

### 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?

## For The Most Recent Loan, What Was The Value At The Time of Approval? ( \_2017\_k11)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Total Number of Open Lines of Credit and Outstanding Loans Held By This Establis (\_2017\_k15b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Total Outstanding Balance of All Open Lines of Credit and Loans Held By This Est (\_2017\_k15c)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-5000000000

Valid cases: 0  
Invalid: 0

### Literal question

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

## Outstanding Personal Loans Used to Finance Establishment'S Business Activities? (\_2017\_k15d)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## What Was The Outcome of That Most Recent Application For Loan/Line of Credit? (\_2017\_k20a1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

## What Was The Outcome of That Most Recent Application For Loan/Line of Credit? ( \_2017\_k20a1)

File: Liberia\_2009\_2017

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

## Does Establishment Use Mobile Money For Transactions ( \_2017\_MMs1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In its current operations, does this establishment use mobile money for any of its financial transactions?

## In A Typical Month In Last Fiscal Year How Many Days Were Mobile Money Used? ( \_2017\_MMs1a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In a typical month in fiscal year [insert last complete fiscal year], over how many days were mobile money used?

## Main Reason Establishment Started Using Mobile Money? ( \_2017\_MMs2)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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? ( \_2017\_MMs3)

File: Liberia\_2009\_2017

## In Last Fiscal Year Was Mobile Money Used to Pay Employees? ( \_2017\_MMs3)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In the last complete fiscal year, did this establishment use mobile money to pay its employees?

## % Total Labor Cost Paid Using Mobile Money Last Fiscal Year? ( \_2017\_MMs4)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-90

Valid cases: 0  
Invalid: 0

### 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? ( \_2017\_MMs5)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In the last complete fiscal year, did this establishment use mobile money to pay its suppliers?

## % Annual Cost of Raw Materials Paid Using Mobile Money Last Fiscal Year ( \_2017\_MMs6)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

## % Annual Cost of Raw Materials Paid Using Mobile Money Last Fiscal Year ( \_2017\_MMs6)

File: Liberia\_2009\_2017

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? ( \_2017\_MMs7)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In the last complete fiscal year, did this establishment use mobile money to pay the utility bills of the enterprise?

## % Annual Cost of Utilities Paid Using Mobile Money ( \_2017\_MMs8)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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, Used Mobile Money to Receive Payments From Customers? ( \_2017\_MMs9)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In the last complete fiscal year, did this establishment use mobile money to receive payments from customers?

## % Annual Sales to Receive Payments From Customers ( \_2017\_MMs10)

File: Liberia\_2009\_2017

## % Annual Sales to Receive Payments From Customers ( \_2017\_MMs10)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### 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 - Do Not Know About Mobile Money ( \_2017\_MMs11a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Why does this establishment not use mobile money for financial transactions -don't know enough about mobile money

## Reason Establishment Did Not Use Mobile Money - Fees to High ( \_2017\_MMs11b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Why does this establishment not use mobile money for financial transactions - fees are too high?

## Reason Establishment Did Not Use Mobile Money - Payments too Large ( \_2017\_MMs11c)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question



## Reason Establishment Did Not Use Mobile Money - Payments too Large ( \_2017\_MMs11c)

File: Liberia\_2009\_2017

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 Did Not Use Mobile Money - Not Easy to Use ( \_2017\_MMs11d)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Why does this establishment not use mobile money for financial transactions - not easy to use

## Reason Establishment Did Not Use Mobile Money - Customers Do Not Use Mobile Mone ( \_2017\_MMs11e)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Why does this establishment not use mobile money for financial transactions - customers don't use mobile money

## Reason Establishment Did Not Use Mobile Money - Suppliers Do Not Use Mobile Mone ( \_2017\_MMs11f)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Why does this establishment not use mobile money for financial transactions - suppliers don't use mobile money

## In Fiscal Years 2013-2016, Used Finance From Microfinance Institutions? (\_2017\_mc2)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

In fiscal years 2013-2016 has the establishment used financing from microfinance institutions?

## Stopped or Reduced Financing From Microfinance Institutions Since Fy 2012-2015? (\_2017\_mc3)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Has this establishment reduced or stopped its use of financing from microfinance institution since fiscal years 2012-2015?

## Main Reason Stopped or Reduced Financing From Microfinance Institutions? (\_2017\_mc4)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Other (\_2017\_mc4x)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 71

Valid cases: 0  
Invalid: 0

### Literal question

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

## In FY 2015-2016, Used Alternate Financing After Reduction/Termination of Micro-f (\_2017\_mc5)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Did this establishment use alternate sources of financing given the reduction or termination of financing from microfinance institutions in fiscal years 2015-2016?

## Main Reason Not Using Financing From Microfinance Institutions? (\_2017\_mc6)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Other (\_2017\_mc6x)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: character  
Width: 48

Valid cases: 0  
Invalid: 0

### Literal question

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

## Num. Full-Time Employees At End of Last FY: Production Workers (\_2017\_l3a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Num. Full-Time Employees At End of Last FY: Non-Production Workers ( \_2017\_l3b)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-35

Valid cases: 0  
Invalid: 0

### Literal question

At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were - non-production employees [e.g., managers, administration, sales]

## Num. of Permanent, Full-Time Highly Skilled Production Workers, Last Fy ( \_2017\_l4a1)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-70

Valid cases: 0  
Invalid: 0

### Literal question

At the end of fiscal year [insert last complete fiscal year], 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 ( \_2017\_l4a2)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

At the end of fiscal year [insert last complete fiscal year], 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 ( \_2017\_l4b)

File: Liberia\_2009\_2017

### Overview

## Num. of Permanent, Full-Time Unskilled Production Workers, Last Fy ( \_2017\_14b)

File: Liberia\_2009\_2017

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Num. Full-Time Employees At End of Last FY: Female Production Workers ( \_2017\_15a)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-20

Valid cases: 0  
Invalid: 0

### Literal question

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

## Num. Full-Time Employees At End of Last FY: Female Non-Production Workers ( \_2017\_15b)

File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-14

Valid cases: 0  
Invalid: 0

### Literal question

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

## Female Temporary, Full-Time Workers Employed Throughout Last FY ( \_2017\_16a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

## Female Temporary, Full-Time Workers Employed Throughout Last FY ( \_2017\_l6a)

File: Liberia\_2009\_2017

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

## % of Full Time Workers Completed High School ( \_2017\_l9b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## % Permanent Full-Time Production Employees Received Formal Training In Last Ffy ( \_2017\_l11a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Training Programs Amount: Production Full-Time Permanent Employees Trained ( \_2017\_l11a1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)-Production full-time permanent employees trained.

## % Permanent Fulltime Nonproduction Employees Received Formal Training In Last Fy ( \_2017\_l11b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

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

## Training Programs Amount:Non-Production Full-Time Permanent Employees Trained ( \_2017\_l11b1)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Referring to the training programs run over fiscal year [insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - non-production full-time permanent employees trained

## Accounting Skills ( \_2017\_AF111a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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 ( \_2017\_AF111b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

## Marketing Skills ( \_2017\_AF111b)

File: Liberia\_2009\_2017

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 ( \_2017\_AF111c)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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 - interpersonal and communication skills?

## Writing Skills ( \_2017\_AF111d)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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 ( \_2017\_AF111e)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
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 ( \_2017\_AF111f)

File: Liberia\_2009\_2017

### Overview



## Computer Skills / General It Skills ( \_2017\_AF11f)

### File: Liberia\_2009\_2017

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

Valid cases: 0  
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 ( \_2017\_AF11g)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
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, Hire or Try to Hire Any Skilled Workers? ( \_2017\_AF112)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Over the last two years, did this establishment hire or try to hire any skilled workers?

## There Were No or Few or Applicants ( \_2017\_AF113a)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### 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?

## Applicants Lacked Required Skills ( \_2017\_AF113b)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### 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 ( \_2017\_AF113c)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### 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 Did Not Like The Working Conditions ( \_2017\_AF113d)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### 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 ( \_2017\_AF113e)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

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

## Please Specify ( \_2017\_AF113x)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
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 ( \_2017\_AF114a1x)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 43

Valid cases: 0  
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 ( \_2017\_AF114d1)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
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.- quality of employees hired

## Name of University ( \_2017\_AF114a2x)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 43

Valid cases: 0  
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 ( \_2017\_AF114d2)

### File: Liberia\_2009\_2017

## Quality of Employees Hired ( \_2017\_AF114d2)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
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 - quality of employees hired?

## Name of University ( \_2017\_AF114a3x)

### File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: character  
Width: 43

Valid cases: 0  
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 ( \_2017\_AF114d3)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
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- quality of employees hired?

## Total Annual Cost of Finished Goods/Materials Bought to Resell In Last FY ( \_2017\_n2i)

### File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information - total annual cost of finished goods/materials bought to resell?

## Total Cost of Sales In Last Fy (\_2017\_n2p)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: -9-1830000000

Valid cases: 0  
 Invalid: 0

**Literal question**

From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information - total cost of sales?

## Cost For Establishment to Re-Purchase All of Its Machinery (\_2017\_n7a)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: -9-2500000000

Valid cases: 0  
 Invalid: 0

**Literal question**

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

## Stratification region code (\_2017\_stratificationregioncode)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Stratification size code (\_2017\_stratificationsizecode)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Stratification sector code (\_2017\_stratificationsectorcode)

File: Liberia\_2009\_2017

## Stratification sector code (\_2017\_stratificationsectorcode)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Panel code (\_2017\_stratificationpanelcode)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## See notes (\_2017\_strata)

File: Liberia\_2009\_2017

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-25

Valid cases: 0  
 Invalid: 0

## Industry screener sector (v\_2009\_a4b)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

Sector match between screener information and sample frame  
(v\_2009\_a5)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Type of establishment (v\_2009\_a8)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Type of establishment?

## Establishment financial statements separate from other establishments (v\_2009\_a10)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

## Are the owner of the firm: (v\_2009\_b3a)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Are you the owner of the firm?

## Ethnic origin of the current largest owner (v\_2009\_AFb4a)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Ethnic origin of the current largest owner

## Main african ethnic group (v\_2009\_AFb4a1)

File: Liberia\_2009\_2017

**Overview**

## Main african ethnic group (v\_2009\_AFb4a1)

File: Liberia\_2009\_2017

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Main african ethnic group

## Main 'other asian ethnic groups' (v\_2009\_AFb4a4)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

Main 'other asian ethnic groups'

## How did the largest owner acquire ownership of this firm (v\_2009\_b3c)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

How did the largest owner acquire ownership of this firm?

## The family business was joined by: (v\_2009\_b3d)

File: Liberia\_2009\_2017

**Overview**

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

Valid cases: 0  
 Invalid: 0

**Literal question**

The family business was joined by?

## Why did largest owner start or take over this firm? (v\_2009\_b3e)

File: Liberia\_2009\_2017



## Why did largest owner start or take over this firm? (v\_2009\_b3e) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Why did largest owner start or take over this firm?

## Largest owner's involvement in decision making in this firm(s)? (v\_2009\_b3f) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Largest owner's involvement in decision making in this firm(s)?

## What is the highest level of education of the current top manager? (v\_2009\_AFb7a) File: Liberia\_2009\_2017

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-11

Valid cases: 0  
Invalid: 0

### Literal question

What is the highest level of education of the current top manager?

## Is this establishment located in an export processing or other industrial zone? (v\_2009\_AFb8a) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Is this establishment located in an export processing or other industrial zone?

Application to obtain a telephone connection submitted over the last two years (v\_2009\_c19)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Application to obtain a telephone connection submitted over the last two years

How many days did it take for you to receive a telephone connection service? (v\_2009\_c20)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

How many days did it take for you to receive a telephone connection service?

When you applied for a telephone connection was an informal gift requested? (v\_2009\_c21)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

in 2007, what % of annual export revenue was to: neighboring countries (v\_2009\_AFd3f)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

in 2007, what % of annual export revenue was to: neighboring countries

% of total annual sales paid for before the delivery in last fiscal year (v\_2009\_k2a)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

% of total annual sales paid for before the delivery in last fiscal year

And what percent were: paid on delivery? (v\_2009\_k2b)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

And what percent were: paid on delivery?

% fixed assets financed from issued new debt fy 07 (v\_2009\_k5j)

File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-40

Valid cases: 0  
Invalid: 0

#### Literal question

% fixed assets financed from issued new debt fy 07

For this establishment's overdraft facility, what is the average interest rate? (v\_2009\_AFk7a)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

For this establishment's overdraft facility, what is the average interest rate?

## Was this most recent credit in the form of? (v\_2009\_AFk8a) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Was this most recent credit in the form of?

## What is the rate of interest of this most recent [line of credit or loan]? (v\_2009\_AFk10a) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

What is the rate of interest of this most recent [line of credit or loan]?

## Was est. granted to pay off the loan/line of credit from time received? (v\_2009\_k12) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Was est. granted to pay off the loan/line of credit from time received?

## Apply for any new loans/lines of credit that were rejected in last fiscal year? (v\_2009\_k18a) File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Apply for any new loans/lines of credit that were rejected in last fiscal year?

How many of those loan or line of credit applications were rejected? (v\_2009\_k19)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

In 2007, what was the main reason given by the lender for those rejections? (v\_2009\_AFk20)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

In 2007, what was the main reason given by the lender for those rejections?

What % of sales does your typical competitor firm declare for tax purposes? (v\_2009\_j8)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

What % of sales does your typical competitor firm declare for tax purposes?

Do you currently have a pre-employment health check for new employees? (v\_2009\_AFs1y)

File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Do you currently have a pre-employment health check for new employees?

## Affected in past 2yrs by: high absenteeism due to hiv/aids (v\_2009\_AFs2a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Affected in past 2yrs by: high absenteeism due to HIV Aids

## Affected in past 2yrs by: high absenteeism as employees care for those with hiv (v\_2009\_AFs2b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Affected in past 2yrs by: high absenteeism as employees care for those with HIV

## Did you undertake to prevent hiv/aids among employees? hiv prevention messages (v\_2009\_AFs3a)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Did you undertake to prevent hiv/aids among employees? HIV prevention messages

## Did you undertake to prevent hiv/aids among employees? free condom distribution (v\_2009\_AFs3b)

File: Liberia\_2009\_2017

### Overview

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

Valid cases: 0  
Invalid: 0

### Literal question

Did you undertake to prevent hiv/aids among employees? free condom distribution

Did you undertake to prevent hiv/aids among employees?  
anonymous hiv testing (v\_2009\_AFs3c)  
File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

#### Literal question

Did you undertake to prevent hiv/aids among employees? anonymous HIV testing

In 2007, how much did you spend on all aids/hiv programs and  
activities? (v\_2009\_AFs4)  
File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-15000000

Valid cases: 0  
Invalid: 0

#### Literal question

In 2007, how much did you spend on all aids/hiv programs and activities?

Rotation order (v\_2009\_m1d)  
File: Liberia\_2009\_2017

#### Overview

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

Valid cases: 0  
Invalid: 0

Net book value of land and buildings in last fiscal year  
(v\_2009\_n6b)  
File: Liberia\_2009\_2017

#### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-6700000000

Valid cases: 0  
Invalid: 0

Group(a2 a4anew a6a) (v\_2009\_strata)  
File: Liberia\_2009\_2017

## Group(a2 a4anew a6a) (v\_2009\_strata)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-10

Valid cases: 0  
 Invalid: 0

## ID number of 2009 survey (id2009)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-150

Valid cases: 0  
 Invalid: 0

## ID number of 2017 survey (id2017)

File: Liberia\_2009\_2017

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1-1056

Valid cases: 0  
 Invalid: 0



## Related Materials

### Questionnaires

#### Enterprise Survey Questionnaire

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Title        Enterprise Survey Questionnaire  
 Country    Liberia  
 Language   English  
 Filename   Liberia 2009 ES Questionnaire EN.pdf

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#### Manufacturing Questionnaire

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Title        Manufacturing Questionnaire  
 Country    Liberia  
 Language   English  
 Filename   Liberia 2017 ES Manufacturing EN.pdf

---

#### Screeners Questionnaire

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Title        Screener Questionnaire  
 Country    Liberia  
 Language   English  
 Filename   Liberia 2017 ES Services EN.pdf

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### Reports

#### The Liberia 2009 Indicator Survey Data Set

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Title        The Liberia 2009 Indicator Survey Data Set  
 Country    Liberia  
 Language   English  
 Filename   Liberia 2009 ES Implementation Report.pdf

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#### The Liberia 2017 Enterprise Surveys Data Set

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Title        The Liberia 2017 Enterprise Surveys Data Set  
 Country    Liberia  
 Language   English  
 Filename   Liberia 2017 ES Implementation Report .pdf

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### Technical documents

#### General Structure of the Enterprise Surveys Panel Datasets

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Title        General Structure of the Enterprise Surveys Panel Datasets

Country Liberia  
Language English  
Filename Notes on Panel Datasets.pdf

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