

# Benin - Enterprise Survey 2004-2009-2016, Panel Data

**World Bank**

Report generated on: May 3, 2017

Visit our data catalog at: <http://ddghsn01/index.php/microdata.worldbank.org>



# Sampling

## Sampling Procedure

---

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

In 2016 ES, regional stratification was done across five regions: Atlantique, Borgou, Mono, Oum and Littoral. In 2009 ES, Cotonou and Other were the two areas selected.

In 2016 ES, the sample frame consisted of listings of firms from three sources: for panel firms, the list of 150 firms from the Benin 2009 ES was used, and for fresh firms (i.e., firms not covered in 2009) lists obtained from National Statistical Institute and Tax Directorate (2013) and the Chamber of Commerce (2016) were used.

In 2009 ES, two sample frames were used. The first one included the official list "Repertoire of Companies in Benin" (2009) from the Chambre de Commerce et d' Industrie du Benin. The second frame (the panel sample) consisted of enterprises interviewed for the Enterprise Survey in 2004, which were to be re-interviewed where they were in the selected geographical regions and met eligibility criteria.

## Response Rate

---

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

Item non-response was addressed by two strategies:

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

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

## Weighting

---

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

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

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

# Questionnaires

## Overview

---

The following survey instruments were used for Benin ES 2009 and 2016:

- Manufacturing Module Questionnaire
- Services Module Questionnaire

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

## Data Collection

### Data Collection Dates

<b>Start</b>	<b>End</b>	<b>Cycle</b>
2004	2004	N/A
2009-05-18	2009-09-30	N/A
2016-07	2016-10	N/A

### Data Collection Mode

Face-to-face [f2f]

#### **DATA COLLECTION NOTES**

Private contractors conduct the Enterprise Surveys on behalf of the World Bank. Due to sensitive survey questions addressing business-government relations and corruption-related topics, private contractors are preferred over any government agency or an organization/institution associated with government, and are hired by the World Bank to collect the data.

The Enterprise Surveys are usually implemented following a two-stage procedure. In the first stage, a screener questionnaire is applied over the phone to determine eligibility and to make appointments; in the second stage, a face-to-face interview takes place with the manager, owner or director of each establishment. In some cases, when the phone numbers were unavailable in the sample frame, the enumerators applied the screeners in person.

### Data Collectors

<b>Name</b>	<b>Abbreviation</b>	<b>Affiliation</b>
RMS Ghana		Data collection in 2009
Plus Value Research		Data collection in 2016

# Data Processing

## Data Editing

---

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

# Data Appraisal

No content available

# File Description

# Variable List

**Benin\_2004\_2009\_2016**

Content	Panel dataset comprised of 2004, 2009 and 2016 Enterprise Survey data
Cases	497
Variable(s)	1228
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V744	idstd	WEB STD FIRMID	discrete	numeric	
V745	panelid	ID that is the same across the waves for panel firms	discrete	numeric	
V746	year	Year of survey	discrete	numeric	
V747	panel	Panel: Firm interviewed in these years	discrete	numeric	
V748	eligibility2016	Eligibility of 2009 firm in 2016	discrete	character	
V749	a0	Questionnaire	discrete	numeric	
V750	a1	Country Code	discrete	numeric	
V751	a4a	Industry Sampling Sector	discrete	numeric	
V752	a4b	Industry Screener Sector	discrete	numeric	
V753	a3a	Region Of The Establishment	discrete	numeric	
V754	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V755	a7a	Number Of Establishments In The Firm	discrete	numeric	
V756	b1	Legal Status Of The Firm	discrete	numeric	What is this firm's current legal status?
V757	b1x	Other (Specify)	discrete	character	What is this firm's current legal status? Other
V758	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?
V759	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
V760	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
V761	b2c	% Owned By Government/State	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V762	b2d	% Owned By Other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V763	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?

ID	Name	Label	Type	Format	Question
V764	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
V765	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?
V766	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V767	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?
V768	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?
V769	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?
V770	c6	Over Last Fy, Did This Establishment Experience Power Outages?	discrete	numeric	Over fiscal year 2008, did this establishment experience power outages?
V771	c7	Number Of Power Outages Experienced In A Typical Month In Last Fiscal Year	discrete	numeric	In a typical month, over fiscal year 2008, how many power outages did this establishment experience?
V772	c8a	Average Duration Of Power Outages {Hours; Minutes}	discrete	numeric	How long did these power outages last on average? Hours
V773	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
V774	c10	Generator Shared Or Owned Over The Course Of Last Fiscal Year?	discrete	numeric	Over the course of fiscal year 2008, did this establishment own or share a generator?
V775	c11	% Electricity From Generator Owned/Shared By The Establishment In Last Fiscal Yr	discrete	numeric	In fiscal year 2008, what percent of this establishment's electricity came from a generator or generators that the establishment owned or shared?
V776	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?
V777	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?
V778	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?

ID	Name	Label	Type	Format	Question
V779	c15	Did You Experience Insufficient Water Supply For Production In Last Fiscal Yr?	discrete	numeric	Over fiscal year 2008, did this establishment experience insufficient water supply for production?
V780	c16	Frequency Of Incidents Of Water Shortages In A Typical Month In Last Fiscal Yr	discrete	numeric	In a typical month, over fiscal year 2008, how many incidents of insufficient water supply did this establishment experience?
V781	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?
V782	c22a	Do You Currently Communicate With Clients And Suppliers By E-Mail?	discrete	numeric	At the present time, does this establishment use any of the following: E-mail to communicate with clients or suppliers?
V783	c22b	Establishment Has Its Own Website	discrete	numeric	At the present time, does this establishment use any of the following: Its own website?
V784	c30a	How Much Of An Obstacle: Electricity To Operations Of This Establishment?	discrete	numeric	Is electricity No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V785	d1a1x	Main Product/Service (By The Largest % Of Annual Sales) In Last Fiscal Year	discrete	character	In fiscal year 2008, what was this establishment's main product, that is, the product that represented the largest proportion of annual sales (in LCU)?
V786	d1a2	Main Product/Service Isic (Rev. 3.1) Code	contin	numeric	Using this card, please choose the 4-digit code that best applies to the main product of this establishment.
V787	d2	In Last Fiscal Year, What Were This Establishment's Total Annual Sales?	discrete	numeric	In fiscal year 2008, what were this establishment's total annual sales?
V788	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?
V789	d3a	% Of Sales: National Sales	discrete	numeric	In fiscal year 2008, what percent of this establishment's sales were: National sales
V790	d3b	% O Sales: Indirect Exports	discrete	numeric	In fiscal year 2008, what percent of this establishment's sales were: Indirect exports (sold domestically to third party that exports products)
V791	d3c	% Of Sales: Direct Exports	discrete	numeric	In fiscal year 2008, what percent of this establishment's sales were: Direct exports
V792	d4	In Last Fy, Avg. Num. Of Days For Exported Goods To Clear Customs?	discrete	numeric	In fiscal year 2008, 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?
V793	d6	In Last Fy, Export Losses Due To Theft As % Of Value Of Products	discrete	numeric	In fiscal year 2008, what percent of the consignment value of the products exported directly was lost while in transit because of theft?

ID	Name	Label	Type	Format	Question
V794	d7	In Last Fy, Export Losses Due To Breakage Or Spoilage As % Of Value Of Products	discrete	numeric	In fiscal year 2008, what percent of the consignment value of the products exported directly was lost while in transit because of breakage or spoilage?
V795	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?
V796	d12a	% Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year	discrete	numeric	In fiscal year 2008, 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
V797	d12b	% Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year	discrete	numeric	In fiscal year 2008, 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
V798	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 2008, imported directly?
V799	d14	Avg. Num. Of Days For Imported Goods To Clear Customs In Last Fiscal Year	discrete	numeric	In fiscal year 2008, when this establishment imported material inputs or supplies, how many days did it take on average from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?
V800	d30a	How Much Of An Obstacle: Transport?	discrete	numeric	Is transport No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V801	d30b	How Much Of An Obstacle: Customs And Trade Regulations?	discrete	numeric	Are customs and trade regulations No Obstacle, a Minor Obstacle, a Moderate obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V802	e6	Do You Use Technology Licensed From A Foreign-Owned Company?	discrete	numeric	Does this establishment at present use technology licensed from a foreign-owned company, excluding office software?
V803	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V804	e30	How Much Of An Obstacle: Practices Of Competitors In Informal Sector?	discrete	numeric	Are practices of competitors in the informal sector No Obstacle, a Minor Obstacle, a Moderate Obstacle, Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V805	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?

ID	Name	Label	Type	Format	Question
V806	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?
V807	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?
V808	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?
V809	i1	In Last Fy, Did This Establishment Pay For Security?	discrete	numeric	In fiscal year 2008, did this establishment pay for security, for example equipment, personnel, or professional security services?
V810	i2b	In Last Fiscal Year, What Is The Total Annual Cost Of Security?	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Total annual cost of security
V811	i3	Losses Due To Theft, Robbery, Vandalism Or Arson Experienced In Last Fiscal Year	discrete	numeric	In fiscal year 2008, did this establishment experience losses as a result of theft, robbery, vandalism or arson?
V812	i4b	Value Of Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr	discrete	numeric	In fiscal year 2008, 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
V813	i30	How Much Of An Obstacle: Crime, Theft And Disorder?	discrete	numeric	Are crime, theft and disorder No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V814	k2c	In Last Fy, % Of Total Annual Sales Paid For After Delivery	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were: Paid for after delivery?
V815	k3a	% Of Working Capital Financed From Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Internal funds/Retained earnings
V816	k3bc	% Of Working Capital Borrowed From Banks	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Borrowed from banks (private and state-owned)

ID	Name	Label	Type	Format	Question
V817	k3e	% Of Working Capital Borrowed From Non-Bank Financial Institutions	discrete	numeric	Over fiscal year 2008, 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
V818	k3f	% Of Working Capital Purchased On Credit/Advances From Suppliers /Customers	discrete	numeric	Over fiscal year 2008, 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
V819	k3hd	% Of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Other (moneylenders, friends, relatives, etc.)
V820	k4	Did This Establishment Purchase Any Fixed Assets In Last Fiscal Yr?	discrete	numeric	In fiscal year 2008, did this establishment purchase any fixed assets, such as machinery, vehicles, equipment, land or buildings?
V821	n5a	Total Annual Expenditure For Purchases Of Equipment In Last Fiscal Yr	discrete	numeric	In fiscal year 2008, how much did this establishment spend on purchases of: Machinery, vehicles, and equipment (new or used)
V822	n5b	Total Annual Expenditure For Purchases Of Land And Buildings In Last Fiscal Yr	discrete	numeric	In fiscal year 2008, how much did this establishment spend on purchases of: Land and buildings
V823	k5a	Last Fy, % Fixed Assets Funded By: Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year 2008, 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
V824	k5i	Last Fy, % Fixed Assets Funded By: Owners' Contributions Or Issued New Equity	discrete	numeric	Over fiscal year 2008, 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
V825	k5bc	Last Fy, % Fixed Assets Funded By: Bank Borrowing	discrete	numeric	Over fiscal year 2008, 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)
V826	k5e	Last Fy, % Fixed Assets Funded By: Non-Bank Financial Institutions	discrete	numeric	Over fiscal year 2008, 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

ID	Name	Label	Type	Format	Question
V827	k5f	Last Fy, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	discrete	numeric	Over fiscal year 2008, 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
V828	k5hdj	other (moneylenders, friends, relatives, bonds, commercial papers etc)	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Other (moneylenders, friends, relatives, bonds, commercial papers etc)
V829	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?
V830	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V831	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?
V832	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?
V833	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?
V834	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?
V835	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
V836	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
V837	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
V838	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.)
V839	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
V840	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?

ID	Name	Label	Type	Format	Question
V841	k16	In Last Fiscal Yr, Did Establishment Apply For New Loans/Lines Of Credit?	discrete	numeric	Referring again to the last fiscal year 2008, did this establishment apply for any loans or lines of credit?
V842	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 in fiscal year 2008? No need for a loan - establishment has sufficient capital Application procedures for loans or lines of credit are complex Interest rates are not favorable Collateral requirements are too high Size of loan and maturity are insufficient It is necessary to make informal payments to get bank loans Did not think it would be approved Other
V843	k21	Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr?	discrete	numeric	In fiscal year 2008, did this establishment have its annual financial statements checked and certified by an external auditor?
V844	k30	How Much Of An Obstacle: Access To Finance	discrete	numeric	Is access to finance, which includes availability and cost, interest rates, fees and collateral requirements, No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V845	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]
V846	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?
V847	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?
V848	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?
V849	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
V850	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
V851	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
V852	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?
V853	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?
V854	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?
V855	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?
V856	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?
V857	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?
V858	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

ID	Name	Label	Type	Format	Question
V859	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
V860	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
V861	j30e	How Much Of An Obstacle: Political Instability	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Political instability
V862	j30f	How Much Of An Obstacle: Corruption	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Corruption
V863	h30	How Much Of An Obstacle: Courts	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Courts
V864	l1	Num. Permanent, Full-Time Employees At End Of Last Fiscal Year	discrete	numeric	At the end of fiscal year 2008, how many permanent, full-time employees did this establishment employ? Please include all employees and managers
V865	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 employees did this establishment employ? Please include all employees and managers
V866	l5	Num. Full-Time Employees At End Of Last Fiscal Yr: Female	discrete	numeric	At the end of fiscal year 2008, how many permanent full-time employees of this establishment for the following categories were female?

ID	Name	Label	Type	Format	Question
V867	l6	Num. Full-Time Temporary Employees At End Of Last Fiscal Yr	discrete	numeric	How many full-time temporary employees did this establishment employ in fiscal year 2008?
V868	l8	Avg. Length Of Employment Of All Full-Time Temporary Employees In Last Fiscal Yr	discrete	numeric	What was the average length of employment of all full-time temporary employees in fiscal year 2008?
V869	l10	Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr	discrete	numeric	Over fiscal year 2008, did this establishment have formal training programs for its permanent, full-time employees?
V870	l30a	How Much Of An Obstacle: Labor Regulations?	discrete	numeric	Are labor regulations No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V871	l30b	How Much Of An Obstacle: Inadequately Educated Workforce?	discrete	numeric	Is an inadequately educated workforce No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V872	m1a	Biggest Obstacle Affecting The Operation Of This Establishment	discrete	numeric	Which of the following elements of the business environment, if any, currently represents the biggest obstacle faced by this establishment.
V873	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	discrete	numeric	For fiscal year 2008, please provide the following information about this establishment: Total annual cost of labor (including wages, salaries, bonuses, social security payments)
V874	n2e	Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	discrete	numeric	For fiscal year 2008, please provide the following information about this establishment: Total annual cost of raw materials and intermediate goods used in production
V875	n2b	Total Annual Costs Of Electricity In Last Fiscal Year	discrete	numeric	For fiscal year 2008, please provide the following information about this establishment: Total annual costs of electricity
V876	wstrict	Weight according to strict eligibility	contin	numeric	
V877	wmedian	Weight according to median eligibility	contin	numeric	
V878	wweak	Weight according to weak eligibility	contin	numeric	
V879	a3b	Official Capital City?	discrete	numeric	Is this city the official capital city?
V880	a3c	Main Business City?	discrete	numeric	Is this city the main business city?
V881	a1a	Language Of The Interview	discrete	numeric	
V882	a7b	Is This Establishment The Headquarters Location?	discrete	numeric	
V883	a7c	Does This Headquarters Location Engage In Production Or Sales At This Location?	discrete	numeric	
V884	b4	Amongst The Owners Of The Firm, Are There Any Females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V885	b4a	% Of The Firm Owned By Females	discrete	numeric	What percentage of the firm is owned by females?

ID	Name	Label	Type	Format	Question
V886	b8x	Specify The Internationally-Recognized Quality Certifications	discrete	character	Please specify the internationally-recognized quality certifications
V887	c8b	How Long Did These Power Outages Last On Average?	discrete	numeric	How long did these power outages last on average? Minutes
V888	d1a1a	Establishment'S Main Product/Service Last Fiscal Yr	discrete	numeric	
V889	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?
V890	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?
V891	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?
V892	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?
V893	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?
V894	AFe33a	Peers (Other Business) - Type Of Advisors	discrete	numeric	What type of advisors were used? Peers (other businesses)
V895	AFe33b	Paid Professionals (Consultants) - Type Of Advisors	discrete	numeric	What type of advisors were used? Paid professionals (consultants)
V896	AFe33c	Clients Or Suppliers - Type Of Advisors	discrete	numeric	What type of advisors were used? Clients or suppliers
V897	AFe33d	Governments Or Donor Funded Institutions - Type Of Advisors	discrete	numeric	What type of advisors were used? Governments or donor funded institutions
V898	AFe33e	Incubators - Type Of Advisors	discrete	numeric	What type of advisors were used? Incubators
V899	AFe33f	Accelerator Programs - Type Of Advisors	discrete	numeric	What type of advisors were used? Accelerator programs
V900	AFe33g	Other	discrete	numeric	What type of advisors were used? Other
V901	AFe33gx	Other Specify	discrete	character	What type of advisors were used? Other (specify)
V902	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?
V903	h2	New Products/Services Also New For The Establishment'S Main Market	discrete	numeric	Were any of the new or significantly improved products or services of this establishment new to one of this establishment's markets?

ID	Name	Label	Type	Format	Question
V904	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.
V905	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.
V906	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.
V907	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
V908	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
V909	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
V910	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
V911	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
V912	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
V913	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other
V914	g5a	What Is The Total Selling Area In This Establishment?	discrete	numeric	What is the total selling area of this establishment?
V915	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment? SPECIFY UNITS
V916	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment? SPECIFY UNITS

ID	Name	Label	Type	Format	Question
V917	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?
V918	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)
V919	k5i1	Fixed Assets - Value Owners' 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)
V920	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)
V921	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)
V922	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 customers (amount)
V923	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)

ID	Name	Label	Type	Format	Question
V924	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)
V925	AFk5hdj_a2	Fixed Assets - % 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. (percent)
V926	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)
V927	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?
V928	mc1	Line Of Credit Or Loan From Microfinance Institution?	discrete	numeric	
V929	k15c	Total Value Of Outstanding Loans/Lines Of Credit Held By This Establishment (Lcu	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?
V930	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?
V931	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?
V932	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?
V933	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?
V934	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.
V935	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?

ID	Name	Label	Type	Format	Question
V936	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?
V937	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?
V938	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?
V939	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?
V940	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?
V941	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?
V942	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?
V943	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
V944	MMs11b	Reason Establishment Did Not Use Mobile Money - Fees Too High	discrete	numeric	Why does this establishment not use mobile money for financial transactions? Fees are too high
V945	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
V946	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
V947	MMs11e	Reason Establishment Did Not Use Mobile Money - Customers Do Not Use Mobile Mone	discrete	numeric	Why does this establishment not use mobile money for financial transactions? Customers don't use mobile money
V948	MMs11f	Reason Establishment Did Not Use Mobile Money - Suppliers Do Not Use Mobile Mone	discrete	numeric	Why does this establishment not use mobile money for financial transactions? Suppliers don't use mobile money
V949	mc2	In Fiscal Years 2012-2015, Used Finance From Microfinance Institutions?	discrete	numeric	In fiscal years 2012-2015 has the establishment used financing from microfinance institutions?
V950	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?

ID	Name	Label	Type	Format	Question
V951	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?
V952	mc4x	Other	discrete	character	What was the main reason for reducing or stopping the use of financing from microfinance institutions? Other
V953	mc5	In FY 2014-2015, 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 2012-2015?
V954	mc6	Main Reason Not Using Financing From Microfinance Institutions?	discrete	numeric	What was the main reason for not using financing from microfinance institutions?
V955	mc6x	Other	discrete	character	What was the main reason for not using financing from microfinance institutions? Other
V956	l3a	Num. Full-Time Employees At End Of Last Fiscal Yr: Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Production employees
V957	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
V958	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
V959	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
V960	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
V961	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

ID	Name	Label	Type	Format	Question
V962	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
V963	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
V964	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
V965	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
V966	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
V967	AFI12	Over The Last Two Years, Hire Or Try To Hire Any Skilled Workers?	discrete	numeric	What percent of this establishment's workforce is currently unionized?
V968	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
V969	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
V970	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
V971	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
V972	AFI13e	Other	discrete	numeric	Did the establishment encounter any of the following problems when trying to hire a skilled worker? Other
V973	AFI13x	Please Specify	discrete	character	Did the establishment encounter any of the following problems when trying to hire a skilled worker? Other (specify)

ID	Name	Label	Type	Format	Question
V974	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
V975	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
V976	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
V977	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
V978	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
V979	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
V980	a15y	Year	discrete	numeric	Time face-to-face interview ends
V981	stratificationregioncode	stratification region code	discrete	numeric	
V982	stratificationsizecode	stratification size code	discrete	numeric	
V983	stratificationsectorcode	stratification sector code	discrete	numeric	

ID	Name	Label	Type	Format	Question
V984	strata	see notes	contin	numeric	
V985	a6a	Sampling Size	discrete	numeric	
V986	a2	Sampling Region	discrete	numeric	
V987	a3	Size Of Locality	discrete	numeric	
V988	a13	Supervisor Number	contin	numeric	Supervisor code
V989	a6b	Screener Size	discrete	numeric	
V990	a14d	Day	contin	numeric	Date face-to-face interview begins: Day (dd)
V991	a14m	Month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V992	a14y	Year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)
V993	a14h	Hour	discrete	numeric	Time face-to-face interview begins: Hour (00 to 23)
V994	a14min	Minutes	contin	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V995	a12	Interviewer Number	contin	numeric	Interviewer code
V996	a11	If Hq, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	
V997	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	discrete	numeric	
V998	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V999	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V1000	b7a	Is The Top Manager Female?	discrete	numeric	
V1001	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
V1002	d1a3	Main Product/Service: Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V1003	i2a	Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year	discrete	numeric	In fiscal year 2008, 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
V1004	i4a	Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (% Of Sales)	discrete	numeric	In fiscal year 2008, 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

ID	Name	Label	Type	Format	Question
V1005	k1c	In Last Fy, % Of Material Inputs Or Services Paid For After Delivery	discrete	numeric	In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for after delivery?
V1006	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? Private commercial banks State-owned banks or government agency Non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies Other
V1007	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."
V1008	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?
V1009	a15a1ax	Main Respondent Position In The Firm	discrete	character	
V1010	a15a2a	Main Respondent Years Working In The Firm:	discrete	numeric	
V1011	a15a3	Main Respondent'S Gender	discrete	numeric	
V1012	a15a1bx	Second Respondent Position In The Firm	discrete	character	
V1013	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	
V1014	a15b3	Second Respondent'S Gender	discrete	numeric	
V1015	a15a1cx	Third Respondent Position In The Firm	discrete	character	
V1016	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	
V1017	a15c3	Third Respondent'S Gender	discrete	numeric	
V1018	a15d	Day	contin	numeric	Time face-to-face interview ends
V1019	a15m	Month	discrete	numeric	Time face-to-face interview ends
V1020	a15h	Hour	discrete	numeric	Time face-to-face interview ends
V1021	a15min	Minutes	contin	numeric	Time face-to-face interview ends
V1022	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: Truthful Somewhat truthful Not truthful
V1023	a17	Responses To The Questions About Figures Are€	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1024	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in: One visit in face-to-face interview with one person One visit in face-to-face interview with different managers/staff Several visits
V1025	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	discrete	numeric	
V1026	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	contin	numeric	
V1027	stratificationpanel	panel code	discrete	numeric	
V1028	a5	a.5 sector match between screener information and sample frame	discrete	numeric	Sector match between screener information and sample frame Yes, screener and sample frame info match No, screener and sample frame do not match but establishment does activities which match both screener and sample frame No, does not match
V1029	a8	a.8 type of establishment	discrete	numeric	Type of establishment HQ without production and/or sales in this location HQ with production and/or sales in this location Establishment physically separated from HQ and other establishments of the same firm Establishment physically separated from HQ but with other establishments of the same firm
V1030	a10	a.10 establishment financial statements separate from other establishments	discrete	numeric	
V1031	b3a	are the owners of the firm:	discrete	numeric	Are the owners of the firm:
V1032	afb4a1	main african nationality	discrete	numeric	What is the nationality of the current largest owner? African (specify)
V1033	afb4a4	main "other asian" nationality	discrete	numeric	What is the nationality of the current largest owner? Other Asian (specify)
V1034	b3c	how did the largest owner acquire ownership of this firm?	discrete	numeric	How did the largest owner acquire ownership of this firm?
V1035	b3d	the family business was joined by:	discrete	numeric	The family business was joined by
V1036	b3e	which of the following best describes why the largest owner took over this firm?	discrete	numeric	Which of the following two options best describes why the largest owner started or took over this firm? To take advantage of a business opportunity Jobs or opportunities were absent or not satisfactory
V1037	b3f	involvement of the largest owner in decision making	discrete	numeric	Which of the following best describes the largest owner's involvement in decision making in this firms?
V1038	b3fx	b.3f other	discrete	character	Which of the following best describes the largest owner's involvement in decision making in this firms? Other

ID	Name	Label	Type	Format	Question
V1039	afd3jx	in 2008, when exporting directly, what is the main point of exit used?	discrete	character	In fiscal year 2008, when exporting directly, what is the main point of exit (e.g., border crossing, land port, airport, or seaport) that this establishment used?
V1040	afd5a	total clearing costs for an average consignment as a % of consignment value	discrete	numeric	Thinking of the main point of exit, in fiscal year 2008, what were the total clearing costs for an average consignment as a percent of the consignment value? In calculating the total clearing costs, please include things such as payments to clearing agents, storage fees, container handling fees, and gifts or informal payments to customs officials.
V1041	afd11a	in 2008, no. years you have known your primary supplier of your main input?	discrete	numeric	In fiscal year 2008, for how many years have you known this establishment's primary supplier of its main input?
V1042	k1a	% of total annual purchases paid for before the delivery in last fiscal year	discrete	numeric	In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for before the delivery?
V1043	k1b	and what percent were: paid on delivery?	discrete	numeric	In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for on delivery?
V1044	m1d	rotation order	discrete	numeric	Which of the following elements of the business environment, if any, currently represents the biggest obstacle faced by this establishment? Rotation
V1045	afn7c	cost of replacing machinery and equipment with new	contin	numeric	In fiscal year 2008, what would be the cost of replacing all this establishment's machinery and equipment with new machines and equipment?
V1046	collapsedstrictweights	collapsed strict weights	contin	numeric	
V1047	collapsedweakweights	collapsed weak weights	contin	numeric	
V1048	collapsedmedianweights	collapsed median weights	contin	numeric	
V1049	V306	Strata unique identifier	discrete	numeric	
V1050	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?
V1051	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?
V1052	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?

ID	Name	Label	Type	Format	Question
V1053	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?
V1054	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)?
V1055	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.
V1056	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?
V1057	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?
V1058	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
V1059	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)?
V1060	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?
V1061	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?
V1062	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
V1063	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

ID	Name	Label	Type	Format	Question
V1064	k15b	Total Number Of Outstanding Loans/Lines Of Credit Held By This Establishment	discrete	numeric	What is the total number of outstanding loans or lines of credit held by this establishment?
V1065	l3b	Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent, full-time employees were: Non-production employees [e.g., managers, administration, sales]
V1066	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
V1067	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
V1068	l5a	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time production employees
V1069	l5b	Num. Full-Time Employees At End Of Last Fiscal Yr: Female Non-Production Workers	discrete	numeric	At the end of fiscal year [insert last complete fiscal year], how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time non-production employees
V1070	l6a	Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr	discrete	numeric	How many full-time temporary employees employed throughout fiscal year [insert last complete fiscal year], were females?
V1071	l9b	% Of Full Time Workers Completed High School	discrete	numeric	What is the percentage of full-time permanent workers who completed secondary school?
V1072	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
V1073	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

ID	Name	Label	Type	Format	Question
V1074	n2i	Total Annual Cost Of Finished Goods/Materials Bought To Resell In Last Fiscal Yr	discrete	numeric	From this establishment's Income Statement for fiscal year [insert last complete fiscal year], please provide the following information: Total annual cost of finished goods/materials bought to resell
V1075	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
V1076	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
V1077	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
V1078	b3b	is the largest owner female?	discrete	numeric	Is the largest owner female? (IF THERE ARE MULTIPLE LARGE OWNERS WITH THE SAME OWNERSHIP SHARE, PLEASE ANSWER WITH RESPECT TO THE PERSON MOST ACTIVE IN THE OPERATION OF THE FIRM )
V1079	afb4a	what is the nationality of origin of the current largest owner?	discrete	numeric	What is the nationality of the current largest owner?
V1080	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? No Education Primary School (complete or not) Secondary School (complete or not) Vocational Training Some university training Graduate degree
V1081	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?
V1082	c19	application to obtain a telephone connection submitted over the last two years	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a telephone connection?
V1083	c20	how many days did it take for you to receive a telephone connection service?	discrete	numeric	In reference to that application for a telephone connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?
V1084	c21	when you applied for a telephone connection was an informal gift requested?	discrete	numeric	In reference to that application for a telephone connection, was an informal gift or payment expected or requested?

ID	Name	Label	Type	Format	Question
V1085	afd3f	neighboring countries within sub-saharan africa	discrete	numeric	In fiscal year 2008, what percent of this establishment's annual export revenue were to: Neighboring Countries within Sub-Saharan Africa
V1086	afd3g	developed countries	discrete	numeric	In fiscal year 2008, what percent of this establishment's annual export revenue were to: Developed Countries
V1087	afd3h	other	discrete	numeric	In fiscal year 2008, what percent of this establishment's annual export revenue were to: Other
V1088	afd11d	in 2008, did you subcontract any part of your production to other firms?	discrete	numeric	In fiscal year 2008, did this establishment subcontract any part of its production to other firms?
V1089	afe1a	estimated local market share of your main product line, in fiscal year 2008.	discrete	numeric	Please estimate what is the local market share of this establishment's main product line, in fiscal year 2008.
V1090	k2a	% of total annual sales paid for before the delivery in last fiscal year	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were: Paid for before the delivery?
V1091	k2b	and what percent were: paid on delivery?	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were: Paid for on delivery?
V1092	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]?
V1093	afl8a	at end of 2008, how many part-time workers were employed by this establishment?	discrete	numeric	At the end of fiscal year 2008, how many part-time workers-workers that work less than a full shift per day-were employed by the establishment?
V1094	V351	what percent of this establishment's workforce is currently unionized?	discrete	numeric	
V1095	afs1y	do you currently have a pre-employment health check for new employees?	discrete	numeric	Does this establishment currently have a pre-employment health check for new employees?
V1096	afs1a	high absenteeism due to sickness	discrete	numeric	Have the following situations affected this establishment's workforce in the past 2 years: High absenteeism due to sickness
V1097	afs1b	high absenteeism as employees care for family members or friends due to sickness	discrete	numeric	Have the following situations affected this establishment's workforce in the past 2 years: High absenteeism as employees need to care of family members or friends due to sickness
V1098	afs2a	high absenteeism due to hiv/aids	discrete	numeric	Has HIV/AIDS affected this establishment's workforce in any of the following ways in the past 2 years: High absenteeism due to HIV/AIDS
V1099	afs2b	high absenteeism as employees care for family members or friends due to hiv/aids	discrete	numeric	Has HIV/AIDS affected this establishment's workforce in any of the following ways in the past 2 years: High absenteeism as employees need to care of family members or friends due to HIV/AIDS

ID	Name	Label	Type	Format	Question
V1100	afs3a	hiv prevention messages	discrete	numeric	Did this establishment undertake any of the following activities, in fiscal year 2008, to prevent HIV/AIDS among employees? HIV prevention messages
V1101	afs3b	free condom distribution	discrete	numeric	Did this establishment undertake any of the following activities, in fiscal year 2008, to prevent HIV/AIDS among employees? Free condom distribution
V1102	afs3c	anonymous hiv testing	discrete	numeric	Did this establishment undertake any of the following activities, in fiscal year 2008, to prevent HIV/AIDS among employees? Anonymous HIV testing
V1103	afs4	cost of all aids/hiv programs and activities	discrete	numeric	In fiscal year 2008, how much did this establishment spend on all AIDS/HIV programs and activities?
V1104	code02x	Specify other	discrete	character	
V1105	code03	City	discrete	character	
V1106	s101	Does your establishment belong to an industrial group or a holding?	discrete	numeric	
V1107	s102	In which city is the HQ located?	discrete	numeric	
V1108	s102x	Specify other	discrete	character	
V1109	s105	Do you have other establishments (factories, points of sale, etc.) outside of Be	discrete	numeric	
V1110	s105x	Specify other	discrete	character	
V1111	s106	when did the parent company begin operations	contin	numeric	
V1112	s109c	African foreign private sector, other countries UEMOA (%)__	contin	numeric	
V1113	s109d	African foreign private sector, except UEMOA (%)	contin	numeric	
V1114	s109e	Foreign private sector - Except Africa (%)	contin	numeric	
V1115	s109f	Foregin Private Sector - France (%)	contin	numeric	
V1116	s109gx	other-specify	discrete	character	
V1117	s110	Firm previously owned by government?	discrete	numeric	
V1118	s111	Year of privatization	discrete	numeric	
V1119	s112	how did this company come into your possession?	discrete	numeric	
V1120	s112x	Specify other	discrete	character	
V1121	s113a	% of initial funds from: personal savings	contin	numeric	
V1122	s113b	% of initial funds from: sale of stock/bonds	contin	numeric	
V1123	s113c	% of initial funds from: bank loan	contin	numeric	
V1124	s113d	% of initial funds from: family and friends	contin	numeric	
V1125	s113e	% of initial funds from: money lenders	contin	numeric	

ID	Name	Label	Type	Format	Question
V1126	s113f	% of initial funds from: other informal sources	discrete	numeric	
V1127	s113g	% of initial funds from: other informal sources	contin	numeric	
V1128	s113gx	Specify other	discrete	character	
V1129	s115a	Which element below described best the principal shareholder or the owner of you	discrete	numeric	
V1130	s115ax	Specify other	discrete	character	
V1131	s115b1	Is principal shareholder also the manager/director?	discrete	numeric	
V1132	s115b3x	Specify other	discrete	character	
V1133	s117a	years experience in domestic firm	contin	numeric	
V1134	s117b	Years experience in foreign firm	contin	numeric	
V1135	s118	Did they export	discrete	numeric	
V1136	s119	what is the highest level of schooling of the owner	discrete	numeric	
V1137	s119x	Specify other	discrete	character	
V1138	s120		discrete	numeric	
V1139	s120x	Specify other	discrete	character	
V1140	s201	last 3 years: new production technology	discrete	numeric	
V1141	s201nx	Why not?	discrete	character	
V1142	s201yx	Why this specific investment?	discrete	character	
V1143	s202a	what was the impact of this technology on this firm	discrete	numeric	
V1144	s202ax	specify	discrete	character	
V1145	s202b	what was the impact of this technology on this firm	discrete	numeric	
V1146	s202bx	specify	discrete	character	
V1147	s203a	Percentage of workforce that regularly uses computer	contin	numeric	
V1148	s203b	In what department are they most used?	discrete	numeric	
V1149	s203bx	specify	discrete	character	
V1150	s204a1	Develop a new product in the last 2 years?	discrete	numeric	
V1151	s204a2	Upgrading existing product in last 2 years?	discrete	numeric	
V1152	s204c1	Primary way of acquiring new technology?	discrete	numeric	
V1153	s204c1x	Other (specify)	discrete	character	
V1154	s204c2	Secondary way of acquiring new technology?	discrete	numeric	
V1155	s201c2x	Other (specify)	discrete	character	
V1156	s301	Did you carry out direct exports?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1157	s303a	In what year did the establishment started exporting in Western Europe?	contin	numeric	
V1158	s303b	method of payment most often used for exports	discrete	numeric	
V1159	s303c	In what year did the establishment started exporting in North America?	discrete	numeric	
V1160	s303d	In what year did the establishment started exporting in North Africa and Middle	contin	numeric	
V1161	s303e	In what year did the establishment started exporting in Asia?	discrete	numeric	
V1162	s303f	In what year did the establishment started exporting in UEMOA countries?	contin	numeric	
V1163	s303g	In what year did the establishment started exporting in other African countries?	contin	numeric	
V1164	s303gx	Specify African countries	discrete	character	
V1165	s303h	In what year did the establishment started exporting in other?	discrete	numeric	
V1166	s303hx	Specify other countries	discrete	character	
V1167	s304a1	Type of product exported to Western Europe?	discrete	character	
V1168	s304a2	Percentage of the value of exports to Western Europe?	contin	numeric	
V1169	s304b1	Type of product exported to Eastern and Central Europe?	discrete	character	
V1170	s304b2	Percentage of the value of exports to Eastern and Central Europe?	contin	numeric	
V1171	s304c1	Type of product exported to North America?	discrete	character	
V1172	s304c2	Percentage of the value of exports to North America?	contin	numeric	
V1173	s304d1	Type of product exported to North Africa and Middle East?	discrete	character	
V1174	s304d2	Percentage of the value of exports to North Africa and Middle East?	contin	numeric	
V1175	s304e1	Type of product exported to Asia?	discrete	character	
V1176	s304e2	Percentage of the value of exports to Asia?	contin	numeric	
V1177	s304f1	Type of product exported to UEMOA countries?	discrete	character	
V1178	s304f2	Percentage of the value of exports to UEMOA countries?	contin	numeric	
V1179	s304g1	Type of product exported to other African countries?	discrete	character	
V1180	s304g2	Percentage of the value of exports to other African countries?	contin	numeric	
V1181	s304gx	Specify African countries	discrete	character	
V1182	s304h1	Type of product exported to other countries?	discrete	character	

ID	Name	Label	Type	Format	Question
V1183	s304h2	Percentage of the value of exports to other countries?	discrete	numeric	
V1184	s304hx	Specify other countries	discrete	character	
V1185	s305ax	In last fiscal year, what was the most important destination country of your exp	discrete	character	
V1186	s305a	Percent of total exports to this country	contin	numeric	
V1187	s305b		discrete	numeric	
V1188	s305bx		discrete	character	
V1189	s305c1		contin	numeric	
V1190	s305c2		discrete	numeric	
V1191	s305c3		discrete	numeric	
V1192	s305c4		contin	numeric	
V1193	s305c5		discrete	numeric	
V1194	s305d1		discrete	numeric	
V1195	s305d2		discrete	numeric	
V1196	s305e1	What percentage of exports were by sea?	contin	numeric	
V1197	s305e1x	Place of departure of exports by sea	discrete	character	
V1198	s305e5	Cost per unit to export by sea	contin	numeric	
V1199	s305e2	Cost per unit to export by sea	contin	numeric	
V1200	s305e2x	Place of departure of exports by air	discrete	character	
V1201	s305e6	Cost per unit to export by air	contin	numeric	
V1202	s305e3	What percentage of exports were by road?	contin	numeric	
V1203	s305e3x	Place of departure of exports by road	discrete	character	
V1204	s305e7	Cost per unit to export by road	contin	numeric	
V1205	s305e4	What percentage of exports were by railway?	discrete	numeric	
V1206	s305e4x	Place of departure of exports by railway	discrete	character	
V1207	s305e8	Cost per unit to export by railway	discrete	numeric	
V1208	s306a1	Did you use any exemptions on customs duties?	discrete	numeric	
V1209	s306a2	Since using exemptions on customs duties, have you?	discrete	numeric	
V1210	s306ax	Why not?	discrete	character	
V1211	s306b1	Did you use any export credit?	discrete	numeric	
V1212	s306b2	Since using export credit, have you?	discrete	numeric	
V1213	s306bx	Why not?	discrete	character	
V1214	s306c1	Did you use any export refinancing?	discrete	numeric	
V1215	s306c2	Since using export refinancing, have you?	discrete	numeric	
V1216	s306cx	Why not?	discrete	character	

ID	Name	Label	Type	Format	Question
V1217	s306d1	Did you use any exemptions from VAT on equipment?	discrete	numeric	
V1218	s306d2	Since using exemptions from VAT on equipment, have you?	discrete	numeric	
V1219	s306dx	Why not?	discrete	character	
V1220	s306e1	Did you use AGOA?	discrete	numeric	
V1221	s306e2	Since using AGOA, have you?	discrete	numeric	
V1222	s306ex	Why not?	discrete	character	
V1223	s306f1	Did you use anything else for exports?	discrete	numeric	
V1224	s306f2	Since using anything else for exports, have you?	discrete	numeric	
V1225	s306fx	Why not?	discrete	character	
V1226	s306f1x	Specify	discrete	character	
V1227	s307b	Number of days to clear exports through customs the longest time	contin	numeric	
V1228	s308	Did you directly import any raw materials in 2003	discrete	numeric	
V1229	s309a	In what year did the establishment started importing from Western Europe?	contin	numeric	
V1230	s309b	In what year did the establishment started importing from Eastern and Central Eu	discrete	numeric	
V1231	s309c	In what year did the establishment started importing from North America?	discrete	numeric	
V1232	s309d	In what year did the establishment started importing from North Africa and Middl	discrete	numeric	
V1233	s309e	In what year did the establishment started importing from Asia?	contin	numeric	
V1234	s309f	In what year did the establishment started importing from UEMOA countries?	contin	numeric	
V1235	s309g	In what year did the establishment started importing from other African countrie	contin	numeric	
V1236	s309gx	Specify African countries	discrete	character	
V1237	s309h	In what year did the establishment importing from in other?	discrete	numeric	
V1238	s309hx	Specify other countries	discrete	character	
V1239	s310a1	Type of product imports from Western Europe?	discrete	character	
V1240	s310a2	Percentage of the value of imports from Western Europe?	contin	numeric	
V1241	s310b1	Type of product imports from Eastern and Central Europe?	discrete	character	
V1242	s310b2	Percentage of the value of imports from Eastern and Central Europe?	contin	numeric	
V1243	s310c1	Type of product imports from North America?	discrete	character	

ID	Name	Label	Type	Format	Question
V1244	s310c2	Percentage of the value of imports from North America?	contin	numeric	
V1245	s310d1	Type of product imports from North Africa and Middle East?	discrete	character	
V1246	s310d2	Percentage of the value of imports from North Africa and Middle East?	contin	numeric	
V1247	s310e1	Type of product imports from Asia?	discrete	character	
V1248	s310e2	Percentage of the value of imports from Asia?	contin	numeric	
V1249	s310f1	Type of product imports from UEMOA countries?	discrete	character	
V1250	s310f2	Percentage of the value of imports from UEMOA countries?	contin	numeric	
V1251	s310g1	Type of product imports from other African countries?	discrete	character	
V1252	s310g2	Percentage of the value of imports from other African countries?	contin	numeric	
V1253	s310gx	Specify African countries	discrete	character	
V1254	s310h1	Type of product imports from other countries?	discrete	character	
V1255	s310h2	Percentage of the value of imports from other countries?	contin	numeric	
V1256	s310hx	Specify other countries	discrete	character	
V1257	s311	Do you use a transitaire?	discrete	numeric	
V1258	s312b	Number of days to clear imports through customs longest time	contin	numeric	
V1259	s313a	Perceptions: taking out a bond for imports	discrete	numeric	
V1260	s313b	Perceptions: taking out a bond for exports	discrete	numeric	
V1261	s313c	Perceptions: port/harbour operations	discrete	numeric	
V1262	s313d	Perceptions: international airport and services	discrete	numeric	
V1263	s313e	Perceptions: international maritime services	discrete	numeric	
V1264	s313f	Perceptions: telecommunications with foreigners	discrete	numeric	
V1265	s402a	Perception of infrastructure: electricity	discrete	numeric	
V1266	s402b	Perception of infrastructure: water	discrete	numeric	
V1267	s402c	Perception of infrastructure: roads	discrete	numeric	
V1268	s402d1	Perception of infrastructure: mobile telephone	discrete	numeric	
V1269	s402d2	Perception of infrastructure: landline telephone	discrete	numeric	
V1270	s402e	Perception of infrastructure: waste management	discrete	numeric	
V1271	s402f	Perception of infrastructure: Safety & police	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1272	s402g	Perception of infrastructure: Postal Service	discrete	numeric	
V1273	s402h	Perception of infrastructure: Air Freight	discrete	numeric	
V1274	s402i	Perception of infrastructure: road transport	discrete	numeric	
V1275	s402j	Perception of infrastructure: rail transport	discrete	numeric	
V1276	s402k	Perception of infrastructure: internet	discrete	numeric	
V1277	s403e1		contin	numeric	
V1278	s404a	Did you provide your own infrastructure--except generators	discrete	numeric	
V1279	s404b2	Own solar	discrete	numeric	
V1280	s404b3	Own hydro	discrete	numeric	
V1281	s404b4	own electric--other	discrete	numeric	
V1282	s404bx	specify	discrete	character	
V1283	s404c1	Original cost of generator	contin	numeric	
V1284	s404c2	Year of purchase of generator	contin	numeric	
V1285	s404e	cost of fuel for generators	contin	numeric	
V1286	s405a	have you had equipment damaged/destroyed by voltage fluctuations	discrete	numeric	
V1287	s405b	value of damage from electrical voltage fluctuations	contin	numeric	
V1288	s406a3	Losses due to water shortage? (percent)	contin	numeric	
V1289	s406b1	built your own well?	discrete	numeric	
V1290	s406b2	built other water infrastructure?	discrete	numeric	
V1291	s406b3	Shared your well with neighbors	discrete	numeric	
V1292	s406c	% water provided from your own infrastructure	contin	numeric	
V1293	s406d	Water supply: share from public sources	contin	numeric	
V1294	s406e	cost of water in 2002	contin	numeric	
V1295	s407a1	year of telecommunications infrastructure investment	contin	numeric	
V1296	s407a2	cost of telecommunications infrastructure	contin	numeric	
V1297	s407b	do you have internet access	discrete	numeric	
V1298	s407c1	Do you use a fixed telephone line to stay in contact with clients?	discrete	numeric	
V1299	s407c2	use with clients/suppliers: mobile telephone	discrete	numeric	
V1300	s407d	Days of unavailable mainline telephone service last year	contin	numeric	
V1301	s407e	Average duration of unavail. telephone service last year (hrs)	contin	numeric	

ID	Name	Label	Type	Format	Question
V1302	s408a1	How much did you pay for security last Fiscal Year?	contin	numeric	
V1303	s408a2	How much did you pay for protection last Fiscal Year?	contin	numeric	
V1304	s408b3	How many cases of vandalism occurred last FY?	contin	numeric	
V1305	s408b4	How many were reported to the police?	discrete	numeric	
V1306	s408b5	How many incidents were resolved?	discrete	numeric	
V1307	s409a	company has: roads	discrete	numeric	
V1308	s409b	company has: employee transport	discrete	numeric	
V1309	s409c	company has: sewer/waste disposal	discrete	numeric	
V1310	s410a	How do you ship the majority of your goods?	discrete	numeric	
V1311	s410ax	specify	discrete	character	
V1312	s410b	What percentage of shipments were made by the establishment alone?	contin	numeric	
V1313	s410c1	What percentage of shipments were by sea?	contin	numeric	
V1314	s410c5	Cost per unit to shipments by sea	contin	numeric	
V1315	s410c2	What percentage of shipments were by air?	contin	numeric	
V1316	s410c6	Cost per unit to shipments by air	contin	numeric	
V1317	s410c3	What percentage of exports shipments by road?	contin	numeric	
V1318	s410c7	Cost per unit to shipments by road	contin	numeric	
V1319	s410c4	What percentage of shipments were by railway?	contin	numeric	
V1320	s410c8	Cost per unit to shipments by railway	contin	numeric	
V1321	s411a1	Average days in last FY imports traveled from entry in Benin	contin	numeric	
V1322	s411a2	Average days in last FY imports traveled to border of exit in Benin	contin	numeric	
V1323	s411a3	Most days in last FY imports traveled from entry in Benin	contin	numeric	
V1324	s411a4	Most days in last FY imports traveled to border of exit in Benin	contin	numeric	
V1325	s411b1	Average days in last FY imports traveled from/to final destination	contin	numeric	
V1326	s411b2	Average days in last FY imports traveled from point of exit in Benin to client	contin	numeric	
V1327	s411b3	Most days in last FY imports traveled from/to final destination	contin	numeric	
V1328	s411b4	Most days in last FY imports traveled from point of exit in Benin to client	contin	numeric	
V1329	s412b	Did you receive adequate compensation for your losses?	discrete	numeric	
V1330	s412c1	If not, why?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1331	s412cx	Specify	discrete	character	
V1332	s412c2	If not, have you received compensation from insurance?	discrete	numeric	
V1333	s501l	Business constraint: cost of finance (e.g. interest rates)	discrete	numeric	
V1334	s501n	Business constraint: macroeconomic instability (infl., exch. rate)	discrete	numeric	
V1335	s501s	Other	discrete	numeric	
V1336	s501sx	Specify	discrete	character	
V1337	s502	What obstacle is most important for you?	discrete	character	
V1338	s503	Efficiency of government in delivering services	discrete	numeric	
V1339	s504a	Do you consider tax rates predictable and consistent?	discrete	numeric	
V1340	s504b	Do you consider enforcement of tax policy predictable and consistent?	discrete	numeric	
V1341	s504c	Do you consider labor legislation predictable and consistent?	discrete	numeric	
V1342	s504d	Do you consider import duties predictable and consistent?	discrete	numeric	
V1343	s504e	Do you consider other regulation predictable and consistent?	discrete	numeric	
V1344	s504ex	Specify	discrete	character	
V1345	s506a	Do establishments in your sector need to pay to get things done?	discrete	numeric	
V1346	s507a2	% days spent with local officials: tax inspectorate	contin	numeric	
V1347	s507a3	cost of compliance compared to a year ago: tax inspectorate	discrete	numeric	
V1348	s507a5	Value of gift requested by off. from: tax inspectorate	contin	numeric	
V1349	s507b1	Total days spent with officials from: labor/social security	contin	numeric	
V1350	s507b2	% days spent with local officials: labor&social security	contin	numeric	
V1351	s507b3	cost of compliance compared to a year ago: labor/social security	discrete	numeric	
V1352	s507b4	Gift/informal payment requested: labor&social security?	discrete	numeric	
V1353	s507b5	Value of gift requested by off. from: labor&social security	contin	numeric	
V1354	s507c1	Total days spent with officials from: fire/building safety	discrete	numeric	
V1355	s507c2	% days spent with local officials: fire&building safety	contin	numeric	
V1356	s507c3	cost of compliance compared to a year ago: fire/building safety	discrete	numeric	
V1357	s507c4	Gift/informal payment requested: fire&building safety?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1358	s507c5	Value of gift requested by off. from: fire&building safety	contin	numeric	
V1359	s507d1	Total days spent with officials from: sanit./epidem.	discrete	numeric	
V1360	s507d2	% days spent with local officials: sanit./epidem.	contin	numeric	
V1361	s507d3	cost of compliance compared to a year ago: sanit./epidem.	discrete	numeric	
V1362	s507d4	Gift/informal payment requested: sanit./epidem.?	discrete	numeric	
V1363	s507d5	Value of gift requested by off. from: sanit./epidem.	contin	numeric	
V1364	s507e1	Total days spent with officials from: municipal police	contin	numeric	
V1365	s507e2	% days spent with local officials: municipal police	contin	numeric	
V1366	s507e3	cost of compliance compared to a year ago: municipal police	discrete	numeric	
V1367	s507e4	Gift/informal payment requested: municipal police?	discrete	numeric	
V1368	s507e5	Value of gift requested by off. from: municipal police	contin	numeric	
V1369	s507f1	Total days spent with officials from: environmental	contin	numeric	
V1370	s507f2	% days spent with local officials: environmental	contin	numeric	
V1371	s507f3	cost of compliance compared to a year ago: environmental	discrete	numeric	
V1372	s507f4	Gift/informal payment requested: environmental?	discrete	numeric	
V1373	s507f5	Value of gift requested by off. from: environmental	contin	numeric	
V1374	s507t1	Total days spent with officials from: TOTAL	contin	numeric	
V1375	s507t2	% days spent with local officials: TOTAL	contin	numeric	
V1376	s507t3	cost of compliance compared to a year ago: TOTAL	discrete	numeric	
V1377	s507t4	Gift/informal payment requested: TOTAL	discrete	numeric	
V1378	s507t5	Value of gift requested by off. from: TOTAL	contin	numeric	
V1379	s508a1	Days to fully register/re-register the establishment in the last 3 FY?	contin	numeric	
V1380	s508a2	Number of agencies visited to fully register/re-register the establishment in th	discrete	numeric	
V1381	s508a3	Total cost to fully register/re-register the establishment in the last 3 FY?	contin	numeric	
V1382	s508a4	Value of gifts/informal payments to fully register/re-register the establishment	contin	numeric	

ID	Name	Label	Type	Format	Question
V1383	s508a5	Days to register a patent in the last 3 FY?	contin	numeric	
V1384	s508a6	Number of agencies visited to register a patent in the last 3 FY?	discrete	numeric	
V1385	s508a7	Total cost to register a patent in the last 3 FY?	contin	numeric	
V1386	s508a8	Value of gifts/informal payments to register a patent in the last 3 FY?	contin	numeric	
V1387	s508a9	Days to obtain building permit in the last 3 FY?	contin	numeric	
V1388	s508a10	Number of agencies visited to obtain building permit in the last 3 FY?	discrete	numeric	
V1389	s508a11	Total cost to obtain building permit in the last 3 FY?	contin	numeric	
V1390	s508a12	Value of gifts/informal payments to obtain building permit in the last 3 FY?	discrete	numeric	
V1391	s508a13	Days to obtain other permits in the last 3 FY?	discrete	numeric	
V1392	s508a14	Number of agencies visited to obtain other permits in the last 3 FY?	discrete	numeric	
V1393	s508a15	Total cost to obtain other permits in the last 3 FY?	discrete	numeric	
V1394	s508a16	Value of gifts/informal payments to obtain other permits in the last 3 FY?	discrete	numeric	
V1395	s508ax	Specify other	discrete	character	
V1396	s508b	Have you used services of other companies to help you in your registration activ	discrete	numeric	
V1397	s5091	obstacle regarding govt contracts: knowledge of public offerings	discrete	numeric	
V1398	s5092	obstacle regarding govt contracts: preconditions	discrete	numeric	
V1399	s5093	obstacle regarding govt contracts: transparency of invitation	discrete	numeric	
V1400	s5094	obstacle regarding govt contracts: realistic contracts with respect to capacity	discrete	numeric	
V1401	s5095	obstacle regarding govt contracts: realistic contracts with respect to time	discrete	numeric	
V1402	s5096	obstacle regarding govt contracts: contract supervision	discrete	numeric	
V1403	s5097	obstacle regarding govt contracts: respect of terms of payment	discrete	numeric	
V1404	s5098	obstacle regarding govt contracts: degree of competition	discrete	numeric	
V1405	s5099	obstacle regarding govt contracts: requests for informal unofficial gifts/paymen	discrete	numeric	
V1406	s510	tried to influence local authorities and legislation?	discrete	numeric	
V1407	s511a	Is there a gift expected to win a contract from the government?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1408	s512	What percentage of total sales are reported to tax authorities for firms like th	contin	numeric	
V1409	s513	What percentage of employees are reported to authorities for firms like this one	contin	numeric	
V1410	s514	Officials' interpretation of laws consistent & predictable	discrete	numeric	
V1411	s515	confidence in the legal system to settle disputes and enforce contracts	discrete	numeric	
V1412	s516a	opinion on probability: attraction of FDI	discrete	numeric	
V1413	s516b	opinion on probability: privatization of enterprises	discrete	numeric	
V1414	s516c	opinion on probability: liberalization of trade	discrete	numeric	
V1415	s516d	opinion on probability: liberalization of currency regime	discrete	numeric	
V1416	s516e	opinion on probability: improvement in tax administration	discrete	numeric	
V1417	s516f	opinion on probability: flexibility in employing foreign workers	discrete	numeric	
V1418	s516g	opinion on probability: infrastructure improvements	discrete	numeric	
V1419	s516h	opinion on probability: investment incentives	discrete	numeric	
V1420	s516i	opinion on probability: reduction in bank loan interest rates	discrete	numeric	
V1421	s516j	opinion on probability: promotion of local production	discrete	numeric	
V1422	s517a	opinion on probability: increase in foreign exchange rate	discrete	numeric	
V1423	s517b	opinion on probability: increase in inflation	discrete	numeric	
V1424	s517c	opinion on probability: increase in overall taxes	discrete	numeric	
V1425	s517d	opinion on probability: increase in GDP growth rate	discrete	numeric	
V1426	s518b	In last FY, have you used their services?	discrete	numeric	
V1427	s519a1	value of government assistance in: financial assistance	discrete	numeric	
V1428	s519a2	value of government assistance in: consulting	discrete	numeric	
V1429	s519a3	value of government assistance in: technological development	discrete	numeric	
V1430	s519a4	value of government assistance in: export assistance & marketing	discrete	numeric	
V1431	s519a5	value of government assistance in: preferential tax treatment	discrete	numeric	
V1432	s519a6	value of government assistance in: other	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1433	s519ax	Specify	discrete	character	
V1434	s519b1	Has this establishment received reimbursment on custom duties from the governme	discrete	numeric	
V1435	s519b9	How long did it take to receive the reimbursment?	contin	numeric	
V1436	s519b2	Has this establishment received exemption from custom duties on goods from the g	discrete	numeric	
V1437	s519b3	Has this establishment received exemption from custom duties on capital from the	discrete	numeric	
V1438	s519b4	Has this establishment received tax deductions from the government?	discrete	numeric	
V1439	s519b5	Has this establishment received tax refunds from the government?	discrete	numeric	
V1440	s519b10	How long did it take to receive the refund?	contin	numeric	
V1441	s519b6	Has this establishment received exemption from income taxes by the government?	discrete	numeric	
V1442	s519b7	Has this establishment received exemption from all taxes by the government?	discrete	numeric	
V1443	s519b8	Has this establishment received other benefits from the government?	discrete	numeric	
V1444	s519b11	How long did it take to receive the other benefit?	discrete	numeric	
V1445	s519bx	Specify	discrete	character	
V1446	s520a	cooperate with other producers in: exchange of raw material	discrete	numeric	
V1447	s520b	cooperate with other producers in: product development	discrete	numeric	
V1448	s520c	cooperate with other producers in: marketing	discrete	numeric	
V1449	s520d	cooperate with other producers in: training employees	discrete	numeric	
V1450	s520e	cooperate with other producers in: purchase of inputs	discrete	numeric	
V1451	s520f	cooperate with other producers in: information	discrete	numeric	
V1452	s520g	cooperate with other producers in: attracting investors	discrete	numeric	
V1453	s520h	cooperate with other producers in: sub-contracting	discrete	numeric	
V1454	s520i	cooperate with other producers in: other	discrete	numeric	
V1455	s520ix	specify	discrete	character	
V1456	s521ax	Primary other	discrete	character	
V1457	s521b	most important obstacle #2	contin	numeric	
V1458	s521bx	Secondary other	discrete	character	

ID	Name	Label	Type	Format	Question
V1459	s521c	most important obstacle #3	contin	numeric	
V1460	s521cx	Tertiary other	discrete	character	
V1461	s601a1	2001 % of annual sales from: direct exports	contin	numeric	
V1462	s601b1	2001 % of annual sales from: indirect exports	contin	numeric	
V1463	s601c1	2002 % of annual sales due to re-exportation	contin	numeric	
V1464	s601c2	2003 % of annual sales due to re-exportation	contin	numeric	
V1465	s601d1	2001 % of annual sales from: national sales	contin	numeric	
V1466	s602a	Percentage of domestic sales to government	contin	numeric	
V1467	s602b	Percentage of domestic sales to state enterprises	contin	numeric	
V1468	s602c	Percentage of domestic sales to multinationals	contin	numeric	
V1469	s602d	Percentage of domestic sales to parent/affiliates	contin	numeric	
V1470	s602e	% of domestic sales to large domestic firms (> 300 workers)	contin	numeric	
V1471	s602f	Percentage of domestic sales to other entities	contin	numeric	
V1472	s603	produce on made-to-order basis?	discrete	numeric	
V1473	s604	% of sales from existing stocks	contin	numeric	
V1474	s605	% of sales from subcontracting	contin	numeric	
V1475	s606	principle type of subcontracting	discrete	numeric	
V1476	s606x	other specify	discrete	character	
V1477	s607y	If not 2002, what year	discrete	numeric	
V1478	s607b11x	units product-1	discrete	character	
V1479	s607b21	Price of the product	contin	numeric	
V1480	s607c1	quantity sold product 1	contin	numeric	
V1481	s607d1	value of sales product 1	contin	numeric	
V1482	s607e1	% exported product 1	contin	numeric	
V1483	s607f1	turnover rate product 1	contin	numeric	
V1484	s607a12x	description product 2	discrete	character	
V1485	s607a22	ISIC - product 2	contin	numeric	
V1486	s607b12x	units product-2	discrete	character	
V1487	s607b22	Price of product 2	contin	numeric	
V1488	s607c2	quantity sold product 2	contin	numeric	
V1489	s607d2	value of sales product 2	contin	numeric	
V1490	s607e2	% exported product 2	contin	numeric	
V1491	s607f2	turnover rate product 2	contin	numeric	
V1492	s607a13x	description product 3	discrete	character	

ID	Name	Label	Type	Format	Question
V1493	s607a23	ISIC - product 3	contin	numeric	
V1494	s607b13x	units product-3	discrete	character	
V1495	s607b23	Price of product 3	contin	numeric	
V1496	s607c3	quantity sold product 2	contin	numeric	
V1497	s607d3	value of sales product 3	contin	numeric	
V1498	s607e3	% exported product 3	contin	numeric	
V1499	s607f3	turnover rate product 3	contin	numeric	
V1500	s607b1	How many quantities of the main product were sold?	contin	numeric	
V1501	s607b2	What was the average price of the main product?	contin	numeric	
V1502	s608b	Main product line: firm's share of national market	contin	numeric	
V1503	s609	Days inventory of main input/supply at time of new delivery	contin	numeric	
V1504	s610a1	% sales lost due to: delivery delays from suppliers--domestic	contin	numeric	
V1505	s610a2	% sales lost due to: delivery delays from suppliers--exports	contin	numeric	
V1506	s610b1	% sales lost due to: transport problems domestic	contin	numeric	
V1507	s610b2	% sales lost due to: other problems domestic	discrete	numeric	
V1508	s610c1	% sales lost due to: transport problems exports	contin	numeric	
V1509	s610c2	% sales lost due to: other problems exports	contin	numeric	
V1510	s611y	year	discrete	numeric	
V1511	s611a11x	description: input #1	discrete	character	
V1512	s611a21	ISIC - input 1	contin	numeric	
V1513	s611b1x	unit of measure input #1	discrete	character	
V1514	s611c1	quantity purchase input #1	contin	numeric	
V1515	s611d1	cost of purchase input #1	contin	numeric	
V1516	s611e1	Percentage imported compared to the value of the purchases input #1	contin	numeric	
V1517	s611f1	as % of total annual purchases value input #1	contin	numeric	
V1518	s611a12x	unit of measure input #2	discrete	character	
V1519	s611a22	ISIC - input 2	contin	numeric	
V1520	s611b2x		discrete	character	
V1521	s611c2	quantity purchase input #2	contin	numeric	
V1522	s611d2	cost of purchase input #2	contin	numeric	
V1523	s611e2	Percentage imported compared to the value of the purchases input #2	contin	numeric	
V1524	s611f2	as % of total annual purchases value input #2	contin	numeric	

ID	Name	Label	Type	Format	Question
V1525	s611a13x	description: input #3	discrete	character	
V1526	s611a23	ISIC - input 3	contin	numeric	
V1527	s611b3x	unit of measure input #3	discrete	character	
V1528	s611c3	quantity purchase input #3	contin	numeric	
V1529	s611d3	cost of purchase input #3	contin	numeric	
V1530	s611e3	Percentage imported compared to the value of the purchases input #3	contin	numeric	
V1531	s611f3	as % of total annual purchases value input #3	contin	numeric	
V1532	s612a1	% of purchases--imported directly	contin	numeric	
V1533	s612a2	Percent inputs & supplies imported directly	contin	numeric	
V1534	s612b1	% of purchases--imported indirectly	contin	numeric	
V1535	s612b2	Percent inputs & supplies imported indirectly	contin	numeric	
V1536	s612c1	% purchase from domestic firms	contin	numeric	
V1537	s612c3	% purchase from domestic firms---local	contin	numeric	
V1538	s613	Percentage of supplies of lower than agreed quality	contin	numeric	
V1539	s614	How many days of inventory you keep?	contin	numeric	
V1540	s616a	How many competitors are state owned?	discrete	numeric	
V1541	s616b	How many competitors are private firms in Benin?	discrete	numeric	
V1542	s616c	How many competitors are firms from neighboring countries producing in Benin?	discrete	numeric	
V1543	s616d	How many competitors are firms from other foreign countries producing in Benin?	discrete	numeric	
V1544	s616e	How many competitors are firms from private importers in Benin?	discrete	numeric	
V1545	s616f	How many competitors are firms from foreign private importers?	discrete	numeric	
V1546	s616g	How many competitors are informal firms?	discrete	numeric	
V1547	s617	What is the size of your competitor in employees?	contin	numeric	
V1548	s618a	According to you, which are the 2 independent factors which make your company mo	discrete	numeric	
V1549	s618ax	specify	discrete	character	
V1550	s618b	According to you, which are the 2 independent factors which make your company mo	discrete	numeric	
V1551	s618bx	specify	discrete	character	
V1552	s619a	which are the 2 independent factors which make your main competitor more competi	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1553	s619ax	specify	discrete	character	
V1554	s619b	which are the 2 independent factors which make your main competitor more competi	discrete	numeric	
V1555	s619bx	specify	discrete	character	
V1556	s620a	Apart from prices, what is the most important factor for setting prices?	discrete	numeric	
V1557	s620ax	Specify other	discrete	character	
V1558	s620b1	How important are pressures from domestic competition for reduction of prices an	discrete	numeric	
V1559	s620b2	How important are pressures from foreign competition for reduction of prices and	discrete	numeric	
V1560	s620b3	How important are pressures from other competition for reduction of prices and d	discrete	numeric	
V1561	s620bx	Specify other	discrete	character	
V1562	s621a	How many new competitors entered in the last FY?	discrete	numeric	
V1563	s621c	How many employees the new entrant has?	contin	numeric	
V1564	s621d	How many competitors left the market?	discrete	numeric	
V1565	s622a	Is your firm competeing with firms that are not registered?	discrete	numeric	
V1566	s622b	What share of the market their sales represent?	contin	numeric	
V1567	s622c1	How important is not paying taxes for informal firms to compete?	discrete	numeric	
V1568	s622c2	How important is avoiding regulation for informal firms to compete?	discrete	numeric	
V1569	s622c3	How important is selling inferior products for informal firms to compete?	discrete	numeric	
V1570	s622c4	How important is low cost service for informal firms to compete?	discrete	numeric	
V1571	s622c5	How important is low cost of buildings for informal firms to compete?	discrete	numeric	
V1572	s622c6	How important is other for informal firms to compete?	discrete	numeric	
V1573	s622cx	Specify other	discrete	character	
V1574	s623	How many months ahead does your firm plans its investments?	contin	numeric	
V1575	s624a1	Value of investments in land in 2001	contin	numeric	
V1576	s624a2	land & buildings purchased in 2000	contin	numeric	
V1577	s624a3	value of equipment purchased in 2000	contin	numeric	
V1578	s624a4	% new equipment imported 2000	contin	numeric	
V1579	s624a5	value of equipment purchased in 2000	contin	numeric	
V1580	s624a6	% new equipment imported 2000	contin	numeric	
V1581	s624a7	vehicles purchased in 2000	contin	numeric	

ID	Name	Label	Type	Format	Question
V1582	s624b1	Value of investments in land in 2002	contin	numeric	
V1583	s624b2	land & buildings purchased in 2001	contin	numeric	
V1584	s624b3	value of equipment purchased in 2001	contin	numeric	
V1585	s624b4	% new equipment imported 2001	contin	numeric	
V1586	s624b5	value of equipment purchased in 2001	contin	numeric	
V1587	s624b6	% new equipment imported 2001	contin	numeric	
V1588	s624b7	vehicles purchased in 2001	contin	numeric	
V1589	s624c1	Value of investments in land in 2003	contin	numeric	
V1590	s624c3	value of equipment purchased in 2002	contin	numeric	
V1591	s624c4	% new equipment imported 2002	contin	numeric	
V1592	s624c5	value of equipment purchased in 2002	contin	numeric	
V1593	s624c6	% new equipment imported 2002	contin	numeric	
V1594	s624c7	vehicles purchased in 2002	contin	numeric	
V1595	s625a1	Percentage of land owned	contin	numeric	
V1596	s625a2	Percentage of buildings owned	contin	numeric	
V1597	s625b1	Percentage of land leased or rented	contin	numeric	
V1598	s625b2	Percentage of buildings leased or rented	contin	numeric	
V1599	s625b3	Average length of contract for rent/lease of land	contin	numeric	
V1600	s625b4	Average length of rental contract for buildings	contin	numeric	
V1601	s625b5	remaining lease of land	contin	numeric	
V1602	s625b6	remaining lease of building	contin	numeric	
V1603	s625b7	renewable	discrete	numeric	
V1604	s625b8	renewable	discrete	numeric	
V1605	s626	Has your establishment attempted to acquired new land or buildings in last 3 yea	discrete	numeric	
V1606	s627	Has your establishment failed in its attempt to acquire new land/buildings?	discrete	numeric	
V1607	s628a	Did you fail because the government refused to sell?	discrete	numeric	
V1608	s628b	Did you fail because you couldn't obtain permission?	discrete	numeric	
V1609	s628c	Did you fail because you couldn't obtain land title?	discrete	numeric	
V1610	s628d	Did you fail because the government doesn't provide infrastructure?	discrete	numeric	
V1611	s628e	Did you fail because the price is too high?	discrete	numeric	
V1612	s629a	How many weeks did the whole process of acquisition took, from the very beginnin	contin	numeric	
V1613	s629b1	What were the transaction costs for lawyers/registration/etc. involved in the a	contin	numeric	

ID	Name	Label	Type	Format	Question
V1614	s629b2	What were the informal payments involved in the acquisition? (in LCU)	contin	numeric	
V1615	s630	did you sell buildings, equipment or vehicles in the past 2 years	discrete	numeric	
V1616	s631a1	value of sale--land & buildings 2001	discrete	numeric	
V1617	s631a2	value of sale--land & buildings 2002	discrete	numeric	
V1618	s631a3	Value of sale -- land and buldings 2003	contin	numeric	
V1619	s631b1	value of sale--equipment 2001	discrete	numeric	
V1620	s631b2	value of sale--equipment 2002	discrete	numeric	
V1621	s631b3	Value of sale -- equipment 2003	contin	numeric	
V1622	s631c1	value of sale--vehicles 2001	contin	numeric	
V1623	s631c2	value of sale--vehicles 2002	contin	numeric	
V1624	s631c3	Value of sale -- vehicles 2003	contin	numeric	
V1625	s632a1	cost of machine & equipment rental 2001	contin	numeric	
V1626	s632a2	cost of machine & equipment rental 2002	contin	numeric	
V1627	s632a3	Cost of renting equipment 2003	contin	numeric	
V1628	s632b1	cost of land & building rental 2001	contin	numeric	
V1629	s632b2	cost of land & building rental 2002	contin	numeric	
V1630	s632b3	Cost of renting land/building 2003	contin	numeric	
V1631	s632b4	cost of vehicle rental 2001	contin	numeric	
V1632	s632b5	cost of vehicle rental 2002	contin	numeric	
V1633	s632b6	Cost of renting vehicle 2003	contin	numeric	
V1634	s632c1	cost of royalties & licenses 2001	contin	numeric	
V1635	s632c2	cost of royalties & licenses 2002	contin	numeric	
V1636	s632c3	Cost of renting licenses 2003	contin	numeric	
V1637	s633a1	% of equipment & machines age: 0-4years	contin	numeric	
V1638	s633a2	year of use left of equipment & machines age: 0-4years	contin	numeric	
V1639	s633b1	% of equipment & machines age: 5-10years	contin	numeric	
V1640	s633b2	year of use left of equipment & machines age: 5-10years	contin	numeric	
V1641	s633c1	% of equipment & machines age: 11-20 years	contin	numeric	
V1642	s633c2	year of use left of equipment & machines age: 11-20 years	contin	numeric	
V1643	s633d1	% of equipment & machines age: 21+ years	contin	numeric	
V1644	s633d2	year of use left of equipment & machines age: 21+ years	discrete	numeric	
V1645	s634a1	level of utilization in 2001	contin	numeric	
V1646	s634c	What is your plan for the next 2 years?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1647	s634d	Please estimate the change in production capacity (percent)	contin	numeric	
V1648	s636	Which would have been the resale value of all your machines and equipment at the	contin	numeric	
V1649	s637	Which would have been the replacement cost of all your buildings and land at the	contin	numeric	
V1650	s638	how much would it cost to rent the land and buildings you own?	contin	numeric	
V1651	s639	do you use annual accounting	discrete	numeric	
V1652	s640	do you prepare annual budgets	discrete	numeric	
V1653	s641	Do you use an accountant?	discrete	numeric	
V1654	s642	do you control annual budgets	discrete	numeric	
V1655	s643	date of end of fiscal year	discrete	character	
V1656	s645a	How many times have you produced financial accounts this FY?	discrete	numeric	
V1657	s645b	How many times have you produced financial accounts the last 3 FY?	discrete	numeric	
V1658	s645c	How many times have you produced financial accounts for more than 3 FY?	discrete	numeric	
V1659	s646	Do you have financial or budget projections?	discrete	numeric	
V1660	s647a	Do you have projections for this year?	discrete	numeric	
V1661	s647b	Do you have projections for next year?	discrete	numeric	
V1662	s647c	Do you have projections for next 2 years?	discrete	numeric	
V1663	s647d	Do you have projections for next 3 years?	discrete	numeric	
V1664	s648	Have you ever been late in repaying a loan?	discrete	numeric	
V1665	s649b	total sales 2001	contin	numeric	
V1666	s650a	total value of manufactured production 2002	contin	numeric	
V1667	s650b	total value of manufactured production 2001	contin	numeric	
V1668	s650c	total value of manufactured production 2000	contin	numeric	
V1669	s651b	Total costs of production of the manufactured goods? 2001	contin	numeric	
V1670	s651c	Total costs of production of the manufactured goods? 2000	contin	numeric	
V1671	s652a1	% sold manuf goods from existing inventory 2002	contin	numeric	
V1672	s652b1	% sold manuf goods from existing inventory 2001	contin	numeric	
V1673	s652c1	% sold manuf goods from existing inventory 2000	contin	numeric	
V1674	s652a2	Value of inventory products finished in 2001?	contin	numeric	

ID	Name	Label	Type	Format	Question
V1675	s652b2	Value of inventory products finished in 2002?	contin	numeric	
V1676	s652c2	Value of inventory products finished in 2003?	contin	numeric	
V1677	s653a	value of sales in state 2002	contin	numeric	
V1678	s653b	value of sales in state 2001	contin	numeric	
V1679	s653c	value of sales in state 2000	contin	numeric	
V1680	s654a	value of services in 2002	contin	numeric	
V1681	s654b	value of services in 2001	contin	numeric	
V1682	s654c	value of services in 2000	contin	numeric	
V1683	s655a1	Total operating costs excluding energy and labor in 2001?	contin	numeric	
V1684	s655b1	Total operating costs excluding energy and labor in 2002?	contin	numeric	
V1685	s655c1	Total operating costs excluding energy and labor in 2003?	contin	numeric	
V1686	s655a2	Purchase of raw materials, excluding energy in 2001?	contin	numeric	
V1687	s655b2	Purchase of raw materials, excluding energy in 2002?	contin	numeric	
V1688	s655a3	Other operating costs, excluding energy and labor in 2001?	contin	numeric	
V1689	s655b3	Other operating costs, excluding energy and labor in 2002?	contin	numeric	
V1690	s655c3	Other operating costs, excluding energy and labor in 2003?	contin	numeric	
V1691	s656a1	energy costs--2002	contin	numeric	
V1692	s656b1	energy costs--2001	contin	numeric	
V1693	s656c1	energy costs--2000	contin	numeric	
V1694	s656b2	electricity costs--2001	contin	numeric	
V1695	s656c2	electricity costs--2000	contin	numeric	
V1696	s656a3	petrol & oil costs--2002	contin	numeric	
V1697	s656b3	petrol & oil costs--2001	contin	numeric	
V1698	s656c3	petrol & oil costs--2000	contin	numeric	
V1699	s656a4	other energy costs--2002	contin	numeric	
V1700	s656a4x	other energy costs--2002	discrete	character	
V1701	s656b4	other energy costs--2001	contin	numeric	
V1702	s656b4x	other energy costs--2001	discrete	character	
V1703	s656c4	other energy costs--2000	contin	numeric	
V1704	s656c4x	other energy costs--2000	discrete	character	
V1705	s657a1	Personnel costs--2002	contin	numeric	
V1706	s657b1	Personnel costs--2001	contin	numeric	
V1707	s657c1	Personnel costs--2000	contin	numeric	
V1708	s657a2	salaries--2002	contin	numeric	

ID	Name	Label	Type	Format	Question
V1709	s657b2	salaries--2001	contin	numeric	
V1710	s657c2	salaries--2000	contin	numeric	
V1711	s657a3	benefits & bonuses-2002	contin	numeric	
V1712	s657b3	benefits & bonuses-2001	contin	numeric	
V1713	s657c3	benefits & bonuses-2000	contin	numeric	
V1714	s657a4	employer costs 2002	contin	numeric	
V1715	s657b4	employer costs 2001	contin	numeric	
V1716	s657c4	employer costs 2000	contin	numeric	
V1717	s658a	interest payments--2002	contin	numeric	
V1718	s658b	interest payments--2001	contin	numeric	
V1719	s658c	interest payments--2000	contin	numeric	
V1720	s659a	other costs--2002	contin	numeric	
V1721	s659ax	other costs--2002	discrete	character	
V1722	s659b	other costs--2001	contin	numeric	
V1723	s659bx	other costs--2001	discrete	character	
V1724	s659c	other costs--2000	contin	numeric	
V1725	s659cx	other costs--2000	discrete	character	
V1726	s660a1	depreciation 2002	contin	numeric	
V1727	s660b1	depreciation 2001	contin	numeric	
V1728	s660c1	depreciation 2000	contin	numeric	
V1729	s660a2	depreciation 2002 land & buildings	contin	numeric	
V1730	s660b2	depreciation 2001 land & buildings	contin	numeric	
V1731	s660c2	depreciation 2000 land & buildings	contin	numeric	
V1732	s660a3	depreciation 2002 machines & equipment	contin	numeric	
V1733	s660b3	depreciation 2001 machines & equipment	contin	numeric	
V1734	s660c3	depreciation 2000 machines & equipment	contin	numeric	
V1735	s660a4	Net book value of machinery and equipment in 2001	contin	numeric	
V1736	s660b4	Net book value of machinery and equipment in 2002	contin	numeric	
V1737	s660a5	Net book value of buildings in 2001	contin	numeric	
V1738	s660b5	Net book value of buildings in 2002	contin	numeric	
V1739	s660c5	Net book value of buildings in 2003	contin	numeric	
V1740	s660a6	Net book value of land in 2001	contin	numeric	
V1741	s660b6	Net book value of land in 2002	contin	numeric	
V1742	s660c6	Net book value of land in 2003	contin	numeric	
V1743	s661b1	Total assets in 2002	contin	numeric	
V1744	s661c1	Total assets in 2003	contin	numeric	
V1745	s661b2	Receivable assets in 2002	contin	numeric	

ID	Name	Label	Type	Format	Question
V1746	s661c2	Receivable assets in 2003	contin	numeric	
V1747	s662b1	Total liabilities in 2002	contin	numeric	
V1748	s662c1	Total liabilities in 2003	contin	numeric	
V1749	s662b2	Long term debts in 2002	contin	numeric	
V1750	s662c2	Long term debts in 2003	contin	numeric	
V1751	s662b3	Short term debts in 2002	contin	numeric	
V1752	s662c3	Short term debts in 2003	contin	numeric	
V1753	s663	what were sales in 1997	contin	numeric	
V1754	s664a	What percentage of turnover was net profits in the last fiscal year?	contin	numeric	
V1755	s664b	% of profits reinvested	contin	numeric	
V1756	s666	If one of your suppliers is abusing another company, would you like to know?	discrete	numeric	
V1757	s667	If one of your clients is abusing another company, would you like to know?	discrete	numeric	
V1758	s668a	Last FY, what percentage of your monthly sales to private customers involved lat	contin	numeric	
V1759	s668b	Generally, what share of these late payments is ultimately never paid?	contin	numeric	
V1760	s669	How long is generally necessary to resolve a late payment problem?	contin	numeric	
V1761	s670a1	Do you use intermediaries to solve late payment problems?	discrete	numeric	
V1762	s670a2	Do you use arbitration or mediation for late payments?	discrete	numeric	
V1763	s670a3	Do you use commercial courts for late payments?	discrete	numeric	
V1764	s670a4	Do you use other for late payments?	discrete	numeric	
V1765	s670a4x	Specify other	discrete	character	
V1766	s670b	What percentage of contentious payments have been recovered thorough commercial c	contin	numeric	
V1767	s670c	Are informal payments to courts required to resolve disputes?	discrete	numeric	
V1768	s670d1	On average, how many weeks is needed to resolve such a dispute?	contin	numeric	
V1769	s670d2	How many weeks is needed to resolve through arbitration or mediation?	contin	numeric	
V1770	s670d3	How many weeks is needed to resolve through commercial courts?	discrete	numeric	
V1771	s670d3x	How many weeks is needed to resolve through other?	discrete	character	
V1772	s670e	Specify other	discrete	numeric	
V1773	s671	Generally, regardless of the outcome, are judgements actually enforced?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1774	s701	Has this establishment been involved in a legal case in the last 3 FY?	discrete	numeric	
V1775	s702	if yes what % of inputs was bought on credit	contin	numeric	
V1776	s703	what were the terms of credit	contin	numeric	
V1777	s704	Have you received requests for gifts or informal payments when applying for a lo	discrete	numeric	
V1778	s706	Last year, what was the average monthly interest rate for this overdraft / credi	contin	numeric	
V1779	s707	what is the maximum overdraft authorized?	contin	numeric	
V1780	s708	What percentage is currently not used?	contin	numeric	
V1781	s709	how did your limit change	discrete	numeric	
V1782	s710	if limit increased, how much	contin	numeric	
V1783	s711	How much had you asked for	contin	numeric	
V1784	s712a	Was a guarantee requested for the most recent overdraft/credit line?	discrete	numeric	
V1785	s712b	What kind of guarantee?	discrete	numeric	
V1786	s712bx	Specify other	discrete	character	
V1787	s715x	Specify other	discrete	character	
V1788	s716a	Was your application rejected?	discrete	numeric	
V1789	s716b1	reasons for rejection	discrete	numeric	
V1790	s716b1x	specify	discrete	character	
V1791	s716b2	reasons for rejection	discrete	numeric	
V1792	s716b2x	specify	discrete	character	
V1793	s716b3	reasons for rejection	discrete	numeric	
V1794	s716b3x	specify	discrete	character	
V1795	s718	What year was the request rejected?	discrete	numeric	
V1796	s719	How many weeks did it take to be rejected from moment of submission?	discrete	numeric	
V1797	s721bx	Currency in which the latest loan was taken	discrete	character	
V1798	s723a	What percentage of guarantees were land and buildings?	contin	numeric	
V1799	s723b	What percentage of guarantees were non-removable machinery?	contin	numeric	
V1800	s723c	What percentage of guarantees were mobile machinery, including cars?	contin	numeric	
V1801	s723d	What percentage of guarantees were liquid assets?	contin	numeric	
V1802	s723e	What percentage of guarantees were personal assets of the owner?	contin	numeric	
V1803	s723f	What percentage of guarantees were other?	contin	numeric	
V1804	s723fx	Specify other	discrete	character	

ID	Name	Label	Type	Format	Question
V1805	s725	Duration (term) of the loan	contin	numeric	
V1806	s728	what was the initial interest rate	contin	numeric	
V1807	s729	how long did it take to approve the loan	contin	numeric	
V1808	s730	would you like to borrow more than you can at the current interest rate	discrete	numeric	
V1809	s731	How much of your total borrowings is denominated in foreign currency?	contin	numeric	
V1810	s732	With how many financial institutions does your business have a relationship?	discrete	numeric	
V1811	s733a	How many days does it take to complete payments by checks?	contin	numeric	
V1812	s733b	How many days does it take to complete local transfers?	contin	numeric	
V1813	s733c	How many days does it take to complete foreign bank transfers?	contin	numeric	
V1814	s735b1	% of finance for working capital: local banks	contin	numeric	
V1815	s735b2	% of finance for new investment: local banks	contin	numeric	
V1816	s735c1	% of finance for working capital: foreign-owned banks	contin	numeric	
V1817	s735c2	% of finance for new investment: foreign-owned banks	contin	numeric	
V1818	s735d1	% of finance for working capital: leasing arrangement	discrete	numeric	
V1819	s735d2	% of finance for new investment: leasing arrangement	discrete	numeric	
V1820	s735e1	% of finance for working capital: investment funds	contin	numeric	
V1821	s735e2	% of finance for new investment: investment funds	contin	numeric	
V1822	s735g1	% of finance for working capital: credit cards	discrete	numeric	
V1823	s735g2	% of finance for new investment: credit cards	discrete	numeric	
V1824	s735h1	% of finance for working capital: sale of stock	contin	numeric	
V1825	s735i1	% of finance for working capital: family, friends	contin	numeric	
V1826	s735i2	% of finance for new investment: family, friends	contin	numeric	
V1827	s735j1	% of finance for working capital: informal sources	contin	numeric	
V1828	s735j2	% of finance for new investment: informal sources	contin	numeric	
V1829	s735k1	% of finance for working capital: other sources	contin	numeric	
V1830	s735k2	% of finance for new investment: other sources	contin	numeric	

ID	Name	Label	Type	Format	Question
V1831	s735kx	specify	discrete	character	
V1832	s801	how many workers do you currently employ	contin	numeric	
V1833	s802a	Full-time permanent employees	contin	numeric	
V1834	s802b	Temporary employees	contin	numeric	
V1835	s803a1	male employees under 30	contin	numeric	
V1836	s803a4	female employees under 30	contin	numeric	
V1837	s803a2	male employees between 31 and 45	contin	numeric	
V1838	s803a5	female employees between 31 and 45	contin	numeric	
V1839	s803a3	male employees over 45	contin	numeric	
V1840	s803a6	female employees over 45	discrete	numeric	
V1841	s803b1	male level of education: none	contin	numeric	
V1842	s803b6	female level of education: none	contin	numeric	
V1843	s803b2	male level of education: 6-years	contin	numeric	
V1844	s803b7	female level of education: 6-years	discrete	numeric	
V1845	s803b3	male level of education: 7-10 years	contin	numeric	
V1846	s803b8	female level of education: 7-10 years	contin	numeric	
V1847	s803b4	male level of education: 11-13 years	contin	numeric	
V1848	s803b9	female level of education: 11-13 years	discrete	numeric	
V1849	s803b5	male level of education: 13+ years	contin	numeric	
V1850	s803b10	female level of education: 13+ years	contin	numeric	
V1851	s805a1	Number of full-time employees in 1996	contin	numeric	
V1852	s805a3	Number of full-time employees in 2002	contin	numeric	
V1853	s805a5	Number of managers in 2003	contin	numeric	
V1854	s805a6	Number of skilled workers in 2003	contin	numeric	
V1855	s805a7	Number of non-skilled workers in 2003	contin	numeric	
V1856	s805a9	Number of female managers in 2003	contin	numeric	
V1857	s805a10	Number of female skilled workers in 2003	contin	numeric	
V1858	s805a11	Number of female non-skilled workers in 2003	contin	numeric	
V1859	s805a12	Number of total workers in 2003 including part-time	contin	numeric	
V1860	s805a13	Number of employess under payroll in 2003	contin	numeric	
V1861	s805a14	Number of managers under payroll in 2003	contin	numeric	
V1862	s805a15	Number of skilled workers under payroll in 2003	contin	numeric	
V1863	s805a16	Number of non-skilled workers under payroll in 2003	contin	numeric	
V1864	s805b	How many hours per week do part-time employees work?	contin	numeric	

ID	Name	Label	Type	Format	Question
V1865	s806a2	Average number of temporary employees in 2002	contin	numeric	
V1866	s806a3	Average number of temporary employees in 2001	contin	numeric	
V1867	s806a4	Average number of temporary employees in 1996	contin	numeric	
V1868	s806a6	Average number of part time temporary employees in 2003	contin	numeric	
V1869	s806a8	How many hours per week they work?	contin	numeric	
V1870	s806a9	Total cost of temporary employees?	contin	numeric	
V1871	s807a	How do you usually find your new employees?	discrete	numeric	
V1872	s807ax	other Specify other	discrete	character	
V1873	s807b1	how long to fill position for skilled production worker	contin	numeric	
V1874	s807b2	how long to fill position for non-skilled production worker	contin	numeric	
V1875	s807c	how many security personnel do you employ	contin	numeric	
V1876	s807d	If you were to change your number of permanent full-time employees with no restr	discrete	numeric	
V1877	s808a	How many additional workers would you hire?	contin	numeric	
V1878	s808b	What is main reason for not being able to increase number of employees?	discrete	numeric	
V1879	s808bx	Specify other	discrete	character	
V1880	s809a	How many employees would lay off?	contin	numeric	
V1881	s809b	What is main reason for not able to decrease number of employees?	discrete	numeric	
V1882	s809bx	Specify other	discrete	character	
V1883	s810	How many employees are assigned to maintenance and generator operations?	contin	numeric	
V1884	s811a1	directors: # permanent employees	contin	numeric	
V1885	s811a2	directors: # permanent employees female	discrete	numeric	
V1886	s811a3	directors: Salary net	contin	numeric	
V1887	s811a4	directors: total remuneration	contin	numeric	
V1888	s811b1	managers: # permanent employees	contin	numeric	
V1889	s811b2	managers: # permanent employees female	discrete	numeric	
V1890	s811b3	managers: Salary net	contin	numeric	
V1891	s811b4	managers: total remuneration	contin	numeric	
V1892	s811c2	skilled production: # permanent employees female	contin	numeric	
V1893	s811c3	skilled production: Salary net	contin	numeric	
V1894	s811c4	skilled production: total remuneration	contin	numeric	

ID	Name	Label	Type	Format	Question
V1895	s811d2	unskilled production: # permanent employees female	discrete	numeric	
V1896	s811d3	unskilled production: Salary net	contin	numeric	
V1897	s811d4	unskilled production: total remuneration	contin	numeric	
V1898	s811e3	other employees: Salary net	contin	numeric	
V1899	s811e4	other employees: total remuneration	contin	numeric	
V1900	s811t1	TOTAL: # permanent employees	contin	numeric	
V1901	s811t2	TOTAL: # permanent employees female	contin	numeric	
V1902	s812a	newly hired permanent employees	contin	numeric	
V1903	s812b1	Employees dismissed or laid off 1 year ago	contin	numeric	
V1904	s812b2	quit/absent from sickness or health	discrete	numeric	
V1905	s812b3	retired-permanent	contin	numeric	
V1906	s812b4	employees Left for other reasons	discrete	numeric	
V1907	s812c	Have you paid any compensation / bonus of any kind to these employees?	discrete	numeric	
V1908	s814	Did you undertake any unspecified activity to warn about AIDS	discrete	numeric	
V1909	s815c	counseling	discrete	numeric	
V1910	s815e	financial assistance	discrete	numeric	
V1911	s815f	other	discrete	numeric	
V1912	s815fx	Specify other	discrete	character	
V1913	s816	portion of workforce with HIV AIDS	discrete	numeric	
V1914	s817	AIDS HIV affects your workforce	discrete	numeric	
V1915	s817x	Specify other	discrete	character	
V1916	s819	what other diseases affect the workforce	discrete	numeric	
V1917	s819x	other	discrete	character	
V1918	s820a1	directors: days of unauthorized absence	contin	numeric	
V1919	s820b1	compared to last year	discrete	numeric	
V1920	s820a2	Managers: days of unauthorized absence	discrete	numeric	
V1921	s820b2	compared to last year	discrete	numeric	
V1922	s820a3	Skille production workers: days of unauthorized absence	contin	numeric	
V1923	s820b3	compared to last year	discrete	numeric	
V1924	s820a4	unskilled production workers: days of unauthorized absence	contin	numeric	
V1925	s820b4	compared to last year	discrete	numeric	
V1926	s820a5	other employees: days of unauthorized absence	contin	numeric	
V1927	s820b5	compared to last year	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1928	s820a6	consultants: days of unauthorized absense	discrete	numeric	
V1929	s820b6	compared to last year	discrete	numeric	
V1930	s821a	days of produciton lost--strikes	contin	numeric	
V1931	s821b	days of produciton lost--social unrest	discrete	numeric	
V1932	s821c	days of produciton lost--death & disease	contin	numeric	
V1933	s823	do non-union employees benefit from union negotiated benefits and wages	discrete	numeric	
V1934	s824b	Did you offer informal training in the last FY?	discrete	numeric	
V1935	s825a1	directors # trained last year	discrete	numeric	
V1936	s825a2	Av. weeks of training for each director	discrete	numeric	
V1937	s825a3	training areas	discrete	numeric	
V1938	s825a3x	other	discrete	character	
V1939	s825b1	managers # trained last year	discrete	numeric	
V1940	s825b2	Av. weeks of training for each manager	discrete	numeric	
V1941	s825b3	training areas	discrete	numeric	
V1942	s825b3x	other	discrete	character	
V1943	s825c1	skilled production workers # trained last year	contin	numeric	
V1944	s825c2	Av. weeks of training for each skilled employee	discrete	numeric	
V1945	s825c3	training areas	discrete	numeric	
V1946	s825c3x	other	discrete	character	
V1947	s825d1	unskilled production workers # trained last year	contin	numeric	
V1948	s825d2	Av. weeks of training for each unskilled employee	discrete	numeric	
V1949	s825d3	training areas	discrete	numeric	
V1950	s825d3x	other	discrete	character	
V1951	s825e1	other employees # trained last year	contin	numeric	
V1952	s825e2	Av. weeks of training for each	discrete	numeric	
V1953	s825e3	training areas	discrete	numeric	
V1954	s825e3x	other	discrete	character	
V1955	s826a	Primary reason for not investing in training	discrete	numeric	
V1956	s826ax	Specify other	discrete	character	
V1957	s826b	Secondary reason for not investing in training	discrete	numeric	
V1958	s826bx	Specify other	discrete	character	
V1959	s827	type of work schedule (3-8hour shifts etc)?	discrete	numeric	
V1960	s827x	Specify other	discrete	character	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V1961	s828a	work regulations as a problem: procedures for hiring nationals	discrete	numeric	
V1962	s828b	work regulations as a problem: procedures for hiring foreigners	discrete	numeric	
V1963	s828c	work regulations as a problem: procedures and costs of firing	discrete	numeric	
V1964	s828d	work regulations as a problem: limitations on temp workers	discrete	numeric	
V1965	s828e	work regulations as a problem: inspectors	discrete	numeric	
V1966	s828f	work regulations as a problem: wage negotiations	discrete	numeric	
V1967	s828g	work regulations as a problem: other	discrete	numeric	
V1968	s828gx	Specify other	discrete	character	
V1969	id2004	ID number of 2004 survey	discrete	character	
V1970	id2009	ID number of 2009 survey	discrete	numeric	
V1971	id2016	ID number of 2016 survey	discrete	numeric	



## WEB STD FIRMID (idstd)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 6	Minimum: 81001
Decimals: 0	Maximum: 606994
Range: 81001-606994	

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 6	Minimum: 81001
Decimals: 0	Maximum: 606993
Range: 81001-606993	

## Year of survey (year)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 2004-2016	

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-6	

## Eligibility of 2009 firm in 2016 (eligibility2016)

File: Benin\_2004\_2009\_2016

### Overview

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

## Questionnaire (a0)

File: Benin\_2004\_2009\_2016

## Questionnaire (a0)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

## Country Code (a1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 109-109	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Country: self-explanatory

## Industry Sampling Sector (a4a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

## Industry Screener Sector (a4b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 15-74	

### Pre question

## Industry Screener Sector (a4b)

File: Benin\_2004\_2009\_2016

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

## Region Of The Establishment (a3a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 496  
Invalid: 1

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Codification of a3x into regions of homogeneous regulation and or business environment conditions, for ex. into regional clusters

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Identifies establishments that are part of a larger firm

## Number Of Establishments In The Firm (a7a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-44

Valid cases: 225  
Invalid: 272

## Legal Status Of The Firm (b1)

File: Benin\_2004\_2009\_2016

### Overview

## Legal Status Of The Firm (b1)

### File: Benin\_2004\_2009\_2016

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

Valid cases: 497  
Invalid: 0

#### Pre question

- 1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING. The goal of this survey is to gather information and opinions about the investment climate in this country. Ultimately, the information gathered here will help to develop new policies and programs that enhance employment and economic growth. The information obtained here will be held in the strictest confidentiality. Neither your name nor the name of your business will be used in any document based on this survey.
- 2) READ OUT THE FOLLOWING INTRODUCTORY SENTENCE ONLY IF A7 = 1 (yes): The first few questions apply to the firm which your establishment is part of.
- 3) SHOW CARD

#### Literal question

What is this firm's current legal status?

#### Post question

If answer is 3 then SKIP TO B.2

#### Interviewer instructions

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

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

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

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

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

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

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

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

## Other (Specify) (b1x)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 28

Valid cases: 20

## Other (Specify) (b1x)

### File: Benin\_2004\_2009\_2016

#### Literal question

What is this firm's current legal status?

Other

#### Interviewer instructions

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

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

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

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

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

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

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

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

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 416  
Invalid: 81

#### Literal question

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

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 497  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % Owned By Government/State (b2c)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Post question

IF 100% TERMINATE

### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % Owned By Other (b2d)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## Year Establishment Began Operations (b5)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 496  
Invalid: 1

### Pre question

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

### Literal question

In what year did this establishment begin operations?

### Post question

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

### Interviewer instructions

The objective of this question is to obtain the year in which operations started regardless of who was the owner at the time.

The year when the establishment began operation refers to the year in which the establishment actually started producing (or providing services), not to the year in which it was registered for the first time.

If the establishment was privatized, then the date provided should refer to when the original government-owned establishment began operations.

If the establishment changed its production significantly to change sector classification, then the year when that took place should be provided.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 480  
Invalid: 17

### Literal question

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

### Interviewer instructions

The number of permanent, full-time employees for the time that the enterprise began operations should be provided. All employees and managers (including respondent) should be included.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-56

Valid cases: 493  
Invalid: 4

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

File: Benin\_2004\_2009\_2016

### Literal question

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

### Interviewer instructions

Top Manager as defined in B.7a. B.7 refers to years of Top Manager's managerial experience in the type of sector in which the establishment presently operates.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 496  
Invalid: 1

### Literal question

Does this establishment have an internationally-recognized quality certification?

### Post question

INTERVIEWER: If there is need for clarification, some examples are: ISO 9000, 9002 or 14000

### Interviewer instructions

The question refers exclusively to internationally recognized certifications. Examples are: ISO (International Organization for Standardization) for manufacturing and services, HACCP (Hazard Analysis and Critical Control Point) for food (especially, but not exclusively, for seafood and juices), and AATCC (American Association of Textiles Chemists and Colorists) for textiles.

Certificates granted only nationally not recognized in international markets are not included.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Pre question

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

### Literal question

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

### Post question

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

### Interviewer instructions

Application for electrical connection.

Electrical connection refers to a new connection or to an increase in voltage of an existing connection that requires an application.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-729

Valid cases: 159  
Invalid: 338

### Literal question

In reference to that application for an electrical connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

### Interviewer instructions

Wait for electrical connection. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 160  
Invalid: 337

### Literal question

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

### Interviewer instructions

- 1) Bribe for electrical connection. Self-explanatory
- 2) Sensitive question, no clarification can be offered

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Literal question

Over fiscal year 2008, did this establishment experience power outages?

### Post question

If answer is No or Don't Know GO TO QUESTION C.10

### Interviewer instructions

A power outage occurs when there is equipment malfunction from the failure of adequate supply of power. Blackouts that cause some, but not all equipment to malfunction are also considered power outages.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1800

Valid cases: 457  
Invalid: 40

### Literal question

In a typical month, over fiscal year 2008, how many power outages did this establishment experience?

### Post question

IF 0, GO TO QUESTION C.10

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 407  
Invalid: 90

### Literal question

How long did these power outages last on average? Hours

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 398  
Invalid: 99

### Literal question

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

Loss as percent of total annual sales due to power outages

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH c9a or c9b

### Interviewer instructions

Losses because of power outages: The Manager should estimate the amount of production lost because of power outages.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 421  
Invalid: 76

### Literal question

Over the course of fiscal year 2008, did this establishment own or share a generator?

### Post question

If answer is No or Don't Know then GO TO QUESTION C.12

### Interviewer instructions

Establishment owns or shares a generator. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 198  
Invalid: 299

### Literal question

In fiscal year 2008, what percent of this establishment's electricity came from a generator or generators that the establishment owned or shared?

### Interviewer instructions

Percentage of electricity from own or shared generator. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Literal question

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

### Post question

If answer is No or Don't Know then GO TO QUESTION C.15

### Interviewer instructions

Application for water connection. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 118
Format: numeric	Invalid: 379
Width: 3	
Decimals: 0	
Range: -9-730	

### Literal question

In reference to that application for a water connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

### Interviewer instructions

Wait for water connection. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 120
Format: numeric	Invalid: 377
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

### Interviewer instructions

- 1) Bribe for water connection. Self-explanatory
- 2) Sensitive question, no clarification can be offered.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 341
Format: numeric	Invalid: 156
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Over fiscal year 2008, did this establishment experience insufficient water supply for production?

### Post question

If answer is No or Don't Know then GO TO QUESTION C.19

### Interviewer instructions

Insufficient water supply: whenever there is equipment failure or cessation of production operations due to the lack of or reduction in water supply.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-224

Valid cases: 179  
Invalid: 318

### Literal question

In a typical month, over fiscal year 2008, how many incidents of insufficient water supply did this establishment experience?

### Post question

If answer is 0 then GO TO QUESTION C.19

### Interviewer instructions

Incidents of insufficient water supply per month can be estimated by considering the number of times water insufficiencies took place per month. The respondent should be asked to exclude months when water insufficiencies are rare or months when water insufficiencies are extreme from the calculation. The calculation should be made based on a typical month. Zero is the answer only if no insufficiencies occurred in a typical month.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 127  
Invalid: 370

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Literal question

At the present time, does this establishment use any of the following:  
E-mail to communicate with clients or suppliers?

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

E-mail and website use.

Web page should be considered as part of the website.

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

## Establishment Has Its Own Website (c22b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Literal question

At the present time, does this establishment use any of the following:  
Its own website?

### Interviewer instructions

E-mail and website use.

Web page should be considered as part of the website.

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 495  
Invalid: 2

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

Type: Discrete

Valid cases: 493

Format: character

Width: 83

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: The next topic to be covered is how and where this establishment makes its sales.

### Literal question

In fiscal year 2008, what was this establishment's main product, that is, the product that represented the largest proportion of annual sales (in LCU)?

### Interviewer instructions

Establishment's main product The purpose of this question is to determine what the company produces. The description should be written down exactly as provided by the respondent.

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous

Valid cases: 480

Format: numeric

Invalid: 17

Width: 4

Minimum: 122

Decimals: 0

Maximum: 9000

Range: 122-9000

### Pre question

SHOW CARD

### Literal question

Using this card, please choose the 4-digit code that best applies to the main product of this establishment.

### Interviewer instructions

Categorize the products according to standard industry classification codes. The enumerator should show the respondent the list of codes that correspond to the products identified to ensure agreement with the categorization. The respondent should be directed to look at the card only after he has provided the answer to D.1a1.

It may be that all major products fall into one category or that the establishment has only one main product. If the respondent does not know the code, the enumerator should write the sector and look for the corresponding code in the list of codes before submitting the completed questionnaire.

For the codes use United Nations ISIC Rev.3.1.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 478

Format: numeric

Invalid: 19

Width: 12

Decimals: 0

Range: -9-100000000000

### Literal question

In fiscal year 2008, what were this establishment's total annual sales?

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

Total sales include the value of all annual sales counting manufactured goods and goods the establishment has bought for trading. For ex. if an establishment makes blue jeans and also imports blue jeans for resale, total sales is the value of all blue jeans sold, both produced and imported. Revenue or receipts for all services rendered and any sales of merchandise for the year, even if the payment may have been received at a later date, are included in total sales.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-265139142962

Valid cases: 489  
Invalid: 8

### Literal question

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

### Interviewer instructions

Total sales three complete fiscal years ago include the value of all annual sales counting manufactured goods and goods the establishment has bought for trading. If an establishment makes blue jeans and also imports blue jeans for resale, total sales is the value of all blue jeans sold, both produced and imported. Revenue or receipts for all services rendered and any sales of merchandise for the year even though payment may have been received at a later date are included in total sales. Firms operating on a commission basis should report commissions, fees, and other operating income, not gross billings or sales.

## % Of Sales: National Sales (d3a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 490  
Invalid: 7

### Pre question

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

### Literal question

In fiscal year 2008, what percent of this establishment's sales were:  
National sales

### Post question

IF 100, GO TO QUESTION AFD.11a

### Interviewer instructions

## % Of Sales: National Sales (d3a)

File: Benin\_2004\_2009\_2016

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % O Sales: Indirect Exports (d3b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 490  
Invalid: 7

### Pre question

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

### Literal question

In fiscal year 2008, what percent of this establishment's sales were:  
Indirect exports (sold domestically to third party that exports products)

### Post question

IF 100, GO TO QUESTION D.8

### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## % Of Sales: Direct Exports (d3c)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 490  
Invalid: 7

### Pre question

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

### Literal question

## % Of Sales: Direct Exports (d3c)

### File: Benin\_2004\_2009\_2016

In fiscal year 2008, what percent of this establishment's sales were:  
Direct exports

#### Post question

IF 0, GO TO QUESTION D.8

#### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 60  
Invalid: 437

#### Literal question

In fiscal year 2008, when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?

#### Interviewer instructions

Clearing customs for direct exports. The purpose of this question is to determine the efficiency of customs in clearing goods for export.

Main point of exit is the last domestic location (e.g. port, border crossing, airport, or internal custom) from which the goods leave the country.

Whenever different ports of exit are used this question refers to the port where "most goods" exit defined in terms of consignment value (not physical units).

Goods cleared customs They refer to the time it takes to obtain all clearances required from the moment the goods arrived at their point of exit until the moment they satisfy the requirements of the clearance procedures at the customs office. This includes transit procedures.

Average number of days to clear customs. Prompt the respondent to think of all shipments sent to the main point of exit and estimate an average time it took from the time the shipments arrived to the time they left that point of exit.

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 131  
Invalid: 366

### Literal question

In fiscal year 2008, what percent of the consignment value of the products exported directly was lost while in transit because of theft?

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 133  
Invalid: 364

### Literal question

In fiscal year 2008, what percent of the consignment value of the products exported directly was lost while in transit because of breakage or spoilage?

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 120  
Invalid: 377

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 417  
Invalid: 80

### Pre question

SHOW CARD

### Literal question

In fiscal year 2008, as a proportion of all of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were:  
Material inputs or supplies of domestic origin

### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 417  
Invalid: 80

### Pre question

SHOW CARD

### Literal question

In fiscal year 2008, 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

### Post question

IF 0, GO TO QUESTION D.30

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 355  
Invalid: 142

### Literal question

Were any of the material inputs or supplies purchased in fiscal year 2008, imported directly?

### Post question

If answer is No or Don't Know then GO TO QUESTION D.30

### Interviewer instructions

The purpose of this question is to determine if the establishment has any interaction with customs when importing inputs and other materials.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 165  
Invalid: 332

### Literal question

In fiscal year 2008, when this establishment imported material inputs or supplies, how many days did it take on average from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

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

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

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 495  
Invalid: 2

### Pre question

SHOW CARD

### Literal question

Are customs and trade regulations No Obstacle, a Minor Obstacle, a Moderate obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 341  
Invalid: 156

### Literal question

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

### Interviewer instructions

Technology licensed from a foreign owned company: it measures access to foreign technology. The license may be held by the establishment's parent company. The answer is "no" if the establishment uses foreign technology without a license or a formal agreement.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 460  
Invalid: 37

### Literal question

Does this establishment compete against unregistered or informal firms?

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 494  
Invalid: 3

### Pre question

SHOW CARD

### Literal question

Are practices of competitors in the informal sector No Obstacle, a Minor Obstacle, a Moderate Obstacle, Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Literal question

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

### Post question

If answer is No or Don't Know then GO TO QUESTION G.30

### Interviewer instructions

Application for construction permit. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-720

Valid cases: 82  
Invalid: 415

### Literal question

In reference to that application for a construction-related permit, approximately how many days did it take to obtain it from the day of the application to the day the permit was granted?

### Interviewer instructions

Waiting time for construction permit. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 88  
Invalid: 409

### Literal question

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

### Interviewer instructions

- 1) Bribe for construction permit. Self-explanatory
- 2) Sensitive question, no clarification can be offered

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 484  
Invalid: 13

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 493  
Invalid: 4

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: We now turn to another topic.

### Literal question

In fiscal year 2008, did this establishment pay for security, for example equipment, personnel, or professional security services?

### Post question

If answer is No or Don't Know then GO TO QUESTION I.3

### Interviewer instructions

Pay for security. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-296014688

Valid cases: 284  
Invalid: 213

### Literal question

In fiscal year 2008, what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security?

Total annual cost of security

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

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

File: Benin\_2004\_2009\_2016

### Interviewer instructions

How much pay for security. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 496  
Invalid: 1

### Literal question

In fiscal year 2008, did this establishment experience losses as a result of theft, robbery, vandalism or arson?

### Post question

If answer is No or Don't Know then GO TO QUESTION I.30

### Interviewer instructions

Experienced losses from theft, robbery, vandalism, arson. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-400000000

Valid cases: 215  
Invalid: 282

### Literal question

In fiscal year 2008, what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses?  
Total annual value of losses

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

### File: Benin\_2004\_2009\_2016

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

Valid cases: 496  
 Invalid: 1

#### Pre question

SHOW CARD

#### Literal question

Are crime, theft and disorder No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

#### Interviewer instructions

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

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 496  
 Invalid: 1

#### Pre question

SHOW CARD

#### Literal question

In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were:  
 Paid for after delivery?

#### Interviewer instructions

- 1) The questions refer to an establishment's ability to provide and be provided trade credit arrangements with suppliers and customers.
  - a. Paid before delivery means the invoice was paid before the shipment arrived.
  - b. Paid for on delivery means that the payment was made at the time the shipment arrived.
  - c. Paid for after delivery means that the payment was made at some period after the shipment had arrived.
- 2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 491  
 Invalid: 6

#### Pre question

INTERVIEWER: SHOW CARD

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

File: Benin\_2004\_2009\_2016

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Internal funds/Retained earnings

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 491  
Invalid: 6

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Borrowed from banks (private and state-owned)

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 491  
Invalid: 6

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Borrowed from non-bank financial institutions

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 491  
Invalid: 6

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Purchases on credit from suppliers and advances from customers

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 491  
Invalid: 6

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources?

Other (moneylenders, friends, relatives, etc.)

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Literal question

In fiscal year 2008, did this establishment purchase any fixed assets, such as machinery, vehicles, equipment, land or buildings?

### Post question

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

File: Benin\_2004\_2009\_2016

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-19000000000

Valid cases: 326  
Invalid: 171

### Literal question

In fiscal year 2008, how much did this establishment spend on purchases of: Machinery, vehicles, and equipment (new or used)

### Interviewer instructions

The category machinery, vehicles and equipment is the annual investment of anything used directly by this establishment to produce. Vehicles include transport and loading and unloading vehicles. It should include not only the purchase cost but also all other costs involved in the investment such as transport of the item and installation cost. Computer hardware should be considered under equipment

Land, buildings is the annual investment in land, buildings and structures used directly or indirectly by this establishment to produce goods and services.

Included are expenditures for new and used structures (including those under construction at the end of last complete fiscal year), fixtures and equipment, additions, major alterations and improvements to existing facilities, and capitalized repairs.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 326  
Invalid: 171

### Literal question

In fiscal year 2008, how much did this establishment spend on purchases of: Land and buildings

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

The category machinery, vehicles and equipment is the annual investment of anything used directly by this establishment to produce. Vehicles include transport and loading and unloading vehicles. It should include not only the purchase cost but also all other costs involved in the investment such as transport of the item and installation cost. Computer hardware should be considered under equipment

Land, buildings is the annual investment in land, buildings and structures used directly or indirectly by this establishment to produce goods and services.

Included are expenditures for new and used structures (including those under construction at the end of last complete fiscal year), fixtures and equipment, additions, major alterations and improvements to existing facilities, and capitalized repairs.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 293  
Invalid: 204

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources?

Internal funds or retained earnings

### Interviewer instructions

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 293  
Invalid: 204

### Pre question

SHOW CARD

### Literal question

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

File: Benin\_2004\_2009\_2016

Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources?

Owners' contribution or issued new equity shares

### Interviewer instructions

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 293  
Invalid: 204

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2008, 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)

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 293  
Invalid: 204

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources?

Borrowed from non-bank financial institutions

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 293  
Invalid: 204

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources?

Purchases on credit from suppliers and advances from customers

### Interviewer instructions

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## other (moneylenders, friends, relatives, bonds, commercial papers etc) (k5hdj)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-96

Valid cases: 231  
Invalid: 266

### Literal question

Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources:

Other (moneylenders, friends, relatives, bonds, commercial papers etc)

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 493  
Invalid: 4

### Literal question

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

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

Checking/ savings account. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 492  
Invalid: 5

### Literal question

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

### Interviewer instructions

An overdraft facility is a flexible account that allows firms to draw upon in the event their account balance becomes negative. The firm will incur fees or are subject to interest payments if they exercise this option.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 491  
Invalid: 6

### Literal question

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

### Post question

If answer is No or Don't Know then GO TO QUESTION K.16

### Interviewer instructions

A line of credit is an available amount of credit that the establishment can draw upon or leave untapped. Lines of credit usually carry monthly interest rates, and are repaid quickly (as soon as the establishment's cash flow allows for repayment). They may or may not have a defined date of expiration.

A loan is generally a much less flexible form of finance. It comes in fixed amounts (rather than ranges), carry annual interest rates (either fixed or floating), and they carry a determined term to maturity (finite period for repayment).

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 154  
Invalid: 343

### Literal question

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

### Interviewer instructions

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: -9-1500000000000

Valid cases: 151  
Invalid: 346

### Literal question

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

### Interviewer instructions

Value of the loan. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 157  
Invalid: 340

### Literal question

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

### Post question

If answer is No or Don't Know then GO TO QUESTION K.16

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

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

File: Benin\_2004\_2009\_2016

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 137  
Invalid: 360

### Pre question

INTERVIEWER: READ OUT

### Literal question

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

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 137  
Invalid: 360

### Literal question

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

Machinery and equipment including movables

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 137  
Invalid: 360

### Literal question

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

Accounts receivable and inventories

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 137  
Invalid: 360

### Literal question

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

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 137  
Invalid: 360

### Literal question

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

### Interviewer instructions

Collateral refers to property of the business or personal property of the manager or owners that is used to secure the loan in the event that the establishment defaults on its payment obligations. Collateral only refers to real property or financial assets, not to personal guarantees by third parties.

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-150000000000

Valid cases: 130  
Invalid: 367

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 457  
Invalid: 40

### Literal question

Referring again to the last fiscal year 2008, did this establishment apply for any loans or lines of credit?

### Interviewer instructions

Apply for new loans in last year. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 275  
Invalid: 222

### Pre question

SHOW CARD

### Literal question

What was the main reason why this establishment did not apply for any line of credit or loan in fiscal year 2008?

No need for a loan - establishment has sufficient capital  
Application procedures for loans or lines of credit are complex  
Interest rates are not favorable  
Collateral requirements are too high  
Size of loan and maturity are insufficient  
It is necessary to make informal payments to get bank loans  
Did not think it would be approved  
Other

### Interviewer instructions

Reasons for not applying for loan last year. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 492
Format: numeric	Invalid: 5
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

In fiscal year 2008, did this establishment have its annual financial statements checked and certified by an external auditor?

### Interviewer instructions

Certification of financial statements by external auditor. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 491
Format: numeric	Invalid: 6
Width: 2	
Decimals: 0	
Range: -9-4	

### Pre question

SHOW CARD

### Literal question

Is access to finance, which includes availability and cost, interest rates, fees and collateral requirements, No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 483
Format: numeric	Invalid: 14
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 497
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

### Post question

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

### Interviewer instructions

Visitations and inspections from tax inspectorate officials. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 386
Format: numeric	Invalid: 111
Width: 3	
Decimals: 0	
Range: -9-156	

### Literal question

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

### Interviewer instructions

Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 358
Format: numeric	Invalid: 139
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

### Interviewer instructions

- 1) Bribes from tax inspectors. Self-explanatory
- 2) Sensitive question, no clarification can be offered

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 284  
Invalid: 213

### Literal question

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

### Interviewer instructions

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

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

2) Sensitive question, no clarification can be offered

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 435  
Invalid: 62

### Literal question

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

Percent of total annual sales paid as informal payment

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

### Interviewer instructions

1) Size of informal payments/gifts Informal payments are payments made to government officials that are unaudited or unreported. They are generally given to an official with the expectation that a service will be performed (such as granting a business license), a violation overlooked (such as violation of health regulation), or because the official threatens the business.

Notice the wording (phrasing) of the question: it asks for the respondent to answer for establishments "like this one" rather than the establishment being interviewed.

2) Sensitive question, no clarification can be offered

## Total Annual Informal Payment (j7b)

File: Benin\_2004\_2009\_2016

### Overview

## Total Annual Informal Payment (j7b)

File: Benin\_2004\_2009\_2016

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

Valid cases: 127  
Invalid: 370

### Literal question

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

Total annual informal payment

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

### Interviewer instructions

1) Size of informal payments/gifts Informal payments are payments made to government officials that are unaudited or unreported. They are generally given to an official with the expectation that a service will be performed (such as granting a business license), a violation overlooked (such as violation of health regulation), or because the official threatens the business.

Notice the wording (phrasing) of the question: it asks for the respondent to answer for establishments "like this one" rather than the establishment being interviewed.

2) Sensitive question, no clarification can be offered

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

### Literal question

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

### Post question

If answer is No or Don't Know then GO TO QUESTION J.13

### Interviewer instructions

Application for import license Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 241  
Invalid: 256

### 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?

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

File: Benin\_2004\_2009\_2016

### Interviewer instructions

Wait for import license Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 102  
Invalid: 395

### Literal question

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

### Interviewer instructions

- 1) Bribe for import license Self-explanatory
- 2) Sensitive question, no clarification can be offered

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 497  
Invalid: 0

### Literal question

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

### Post question

If answer is No or Don't Know then GO TO QUESTION J.30

### Interviewer instructions

Application for operating license Self-explanatory-Includes renewals of operating licenses

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-630

Valid cases: 89  
Invalid: 408

### Literal question

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

File: Benin\_2004\_2009\_2016

Approximately how many days did it take to obtain this operating license from the day of the application to the day it was granted?

### Interviewer instructions

Wait for operating license Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 94  
Invalid: 403

### Literal question

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

### Post question

Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 487  
Invalid: 10

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Tax rates

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 495  
Invalid: 2

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Tax administration

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 495  
Invalid: 2

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Business licensing and permits

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 493  
Invalid: 4

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

File: Benin\_2004\_2009\_2016

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

Political instability

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 492  
Invalid: 5

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Corruption

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 487  
Invalid: 10

### Pre question

- 1) SHOW CARD
- 2) ROTATE OPTIONS

### Literal question

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

Courts

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1500

Valid cases: 496  
Invalid: 1

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: Now I would like to ask you a few questions about this establishment's labour force.

### Literal question

At the end of fiscal year 2008, how many permanent, full-time employees did this establishment employ? Please include all employees and managers

### Post question

INTERVIEWER: include interviewee if applicable

### Interviewer instructions

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

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1400

Valid cases: 482  
Invalid: 15

### Literal question

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

### Post question

INTERVIEWER: include interviewee if applicable

### Interviewer instructions

Number of permanent, full-time employees three complete fiscal years ago. See definition of permanent, full-time employees in I1

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female (I5)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 424  
Invalid: 73

### Literal question

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female (l5) File: Benin\_2004\_2009\_2016

At the end of fiscal year 2008, how many permanent full-time employees of this establishment for the following categories were female?

## Num. Full-Time Temporary Employees At End Of Last Fiscal Yr (l6) File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 402
Format: numeric	Invalid: 95
Width: 3	
Decimals: 0	
Range: -9-900	

### Literal question

How many full-time temporary employees did this establishment employ in fiscal year 2008?

### Post question

IF 0, GO TO QUESTION AFL.8a

### Interviewer instructions

Full-time temporary or seasonal employees are defined as all paid short-term (i.e. for less than a fiscal year) employees with no guarantee of renewal of employment contract and work 40 hours or more per week for the term of their contract.

## Avg. Length Of Employment Of All Full-Time Temporary Employees In Last Fiscal Yr (l8) File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 214
Format: numeric	Invalid: 283
Width: 3	
Decimals: 0	
Range: -9-224	

### Literal question

What was the average length of employment of all full-time temporary employees in fiscal year 2008?

### Interviewer instructions

Average length of employment of all full-time temporary or seasonal employees refers to the number of months that the employee was contracted for work that occupied employees for 40 hours or more per week. If average full-time temporary or seasonal employment was for less than one month, enumerator should write 1.

## Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr (l10) File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 408
Format: numeric	Invalid: 89
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Over fiscal year 2008, did this establishment have formal training programs for its permanent, full-time employees?

## Formal Training Programs For Permanent, Full-Time Employees In Last Fiscal Yr (I10)

File: Benin\_2004\_2009\_2016

### Interviewer instructions

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

## How Much Of An Obstacle: Labor Regulations? (I30a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 473  
Invalid: 24

### Pre question

SHOW CARD

### Literal question

Are labor regulations No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

- 1) Self-explanatory
- 2) Sensitive question, no clarification can be offered

## How Much Of An Obstacle: Inadequately Educated Workforce? (I30b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 495  
Invalid: 2

### Pre question

SHOW CARD

### Literal question

Is an inadequately educated workforce No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?

### Interviewer instructions

- 1) Self-explanatory
- 2) Sensitive question, no clarification can be offered

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

File: Benin\_2004\_2009\_2016

## Overview

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

Valid cases: 432  
Invalid: 65

## Pre question

1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: The next set of questions is designed to get a general picture of your opinion about the business environment that affects your operations.  
2) SHOW CARD

## Literal question

Which of the following elements of the business environment, if any, currently represents the biggest obstacle faced by this establishment.

## Interviewer instructions

Self-explanatory

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

File: Benin\_2004\_2009\_2016

## Overview

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

Valid cases: 437  
Invalid: 60

## Pre question

1) SHOW CARD  
2) READ OUT

## Literal question

For fiscal year 2008, please provide the following information about this establishment:  
Total annual cost of labor (including wages, salaries, bonuses, social security payments)

## Interviewer instructions

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance).

Raw materials and intermediate goods (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, fork lifts, or other motor vehicles associated with the establishment.

Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 324
Format: numeric	Invalid: 173
Width: 11	
Decimals: 0	
Range: -9-10738851840	

### Pre question

- 1) SHOW CARD
- 2) READ OUT

### Literal question

For fiscal year 2008, please provide the following information about this establishment:  
Total annual cost of raw materials and intermediate goods used in production

### Interviewer instructions

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance).

Raw materials and intermediate goods (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, fork lifts, or other motor vehicles associated with the establishment.

Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 394
Format: numeric	Invalid: 103
Width: 10	
Decimals: 0	
Range: -9-6792000879	

### Pre question

- 1) SHOW CARD
- 2) READ OUT

### Literal question

For fiscal year 2008, please provide the following information about this establishment:  
Total annual costs of electricity

### Interviewer instructions

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

### File: Benin\_2004\_2009\_2016

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance).

Raw materials and intermediate goods (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, fork lifts, or other motor vehicles associated with the establishment.

Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

## Weight according to strict eligibility (wstrict)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 300
Format: numeric	Invalid: 197
Width: 5	Minimum: 1
Decimals: 2	Maximum: 46.5
Range: 1-46.5173597804986	

## Weight according to median eligibility (wmedian)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 300
Format: numeric	Invalid: 197
Width: 5	Minimum: 1
Decimals: 2	Maximum: 68.2
Range: 1-68.2303438309408	

## Weight according to weak eligibility (wweak)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 300
Format: numeric	Invalid: 197
Width: 6	Minimum: 1
Decimals: 2	Maximum: 106.2
Range: 1-106.210526315789	

## Official Capital City? (a3b)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 1	
Decimals: 0	
Range: 1-2	

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

Is this city the official capital city?

## Main Business City? (a3c)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 1	
Decimals: 0	
Range: 1-2	

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

Is this city the main business city?

## Language Of The Interview (a1a)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 1	
Decimals: 0	
Range: 1-1	

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

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

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 35
Format: numeric	Invalid: 462
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 34
Format: numeric	Invalid: 463
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

### Interviewer instructions

Self-Explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 50
Format: numeric	Invalid: 447
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

What percentage of the firm is owned by females?

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 20
Format: character	
Width: 60	

### Pre question

Does this establishment have an internationally-recognized quality certification?

### Literal question

Please specify the internationally-recognized quality certifications

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 120  
Invalid: 377

### Literal question

How long did these power outages last on average? Minutes

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

## Please Also Write Out The Number (d2x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 116

Valid cases: 144

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 14  
Invalid: 483

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 33  
Invalid: 464

### 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 (e1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 70  
Invalid: 427

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

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

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

## In Last Fiscal Year, Used External Advice For Business Management? (AFe32)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

## In Last Fiscal Year, Used External Advice For Business Management? (AFe32)

File: Benin\_2004\_2009\_2016

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 (AFe33a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 55  
Invalid: 442

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 55  
Invalid: 442

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 55  
Invalid: 442

### Literal question

What type of advisors were used?  
Clients or suppliers

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 55  
Invalid: 442

### Literal question

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

## Incubators - Type Of Advisors (AFe33e)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 55  
Invalid: 442

### Literal question

What type of advisors were used?  
Incubators

## Acceleratos Programs - Type Of Advisors (AFe33f)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 55  
Invalid: 442

### Literal question

What type of advisors were used?  
Accelerator programs

## Other (AFe33g)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 55  
Invalid: 442

### Literal question

What type of advisors were used?  
Other

## Other Specify (AFe33gx)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete

Valid cases: 1

Format: character

Width: 19

#### Literal question

What type of advisors were used?

Other (specify)

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

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete

Valid cases: 150

Format: numeric

Invalid: 347

Width: 2

Decimals: 0

Range: -9-2

#### Literal question

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

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

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete

Valid cases: 39

Format: numeric

Invalid: 458

Width: 2

Decimals: 0

Range: -9-2

#### Literal question

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

#### Interviewer instructions

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

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

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete

Valid cases: 39

Format: character

Width: 115

#### Literal question

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

File: Benin\_2004\_2009\_2016

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 39

Format: character

Width: 130

### Literal question

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

### Interviewer instructions

IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 21

Format: character

Width: 124

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 21

Format: character

Width: 84

### Literal question

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

### Interviewer instructions

IF THERE IS NOTHING SIMILAR WRITE "COMPLETELY NEW"

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

File: Benin\_2004\_2009\_2016

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 13  
Invalid: 484

### Literal question

What is the total selling area of this establishment?

### Interviewer instructions

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

## The Area Is Measured In: (g5b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 6  
Invalid: 491

### Literal question

What is the total selling area of this establishment?

SPECIFY UNITS

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0

### Literal question

What is the total selling area of this establishment?

SPECIFY UNITS

## Working Capital - % Microfinance Institutions (AFk3a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 12  
Invalid: 485

### Literal question

## Working Capital - % Microfinance Institutions (AFk3a)

File: Benin\_2004\_2009\_2016

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?

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 487
Width: 9	
Decimals: 0	
Range: -9-197000000	

### 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 Owners' Contribution Or Issued New Equity Shares (k5i1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 487
Width: 8	
Decimals: 0	
Range: -9-25000000	

### 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 (k5bc1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 487
Width: 8	
Decimals: 0	
Range: -9-39089245	

### 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 (k5e1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 10  
Invalid: 487

### 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 (k5f1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 10  
Invalid: 487

### 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 (amount)

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 62  
Invalid: 435

### 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 (AFk5hdj\_a1\_1)

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 10  
Invalid: 487

### 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 - % Other (AFk5hdj\_a2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 62  
Invalid: 435

### 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. (percent)

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 10  
Invalid: 487

### 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 (AFk5e2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 5  
Invalid: 492

### Literal question

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?

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 1  
Invalid: 496

## Total Value Of Outstanding Loans/Lines Of Credit Held By This Establishment (Lcu (k15c))

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-1000000000000

Valid cases: 41  
Invalid: 456

### Literal question

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

## Outstanding Personal Loans Used To Finance Establishment'S Business Activities? (k15d)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### 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? (k20a1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 46  
Invalid: 451

### Literal question

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

## Does Establishment Use Mobile Money For Transactions (MMs1) File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Pre question

Now I would like to ask you about this establishment use of mobile phone or device to make payments for business related transactions.

### 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? (MMs1a) File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 15  
Invalid: 482

### 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? (MMs2) File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 15  
Invalid: 482

### Literal question

Please indicate the main reason this establishment started using mobile money for any of its financial transaction.

## In Last Fiscal Year Was Mobile Money Used To Pay Employees? (MMs3) File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 15  
Invalid: 482

### 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? (MMs4)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 4  
Invalid: 493

### Literal question

In the last complete fiscal year, what percentage of total labor cost (salaries and wages of its employees) was paid by this establishment using mobile money?

## In Last Fiscal Year Was Mobile Money Used To Pay Suppliers? (MMs5)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 15  
Invalid: 482

### 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 (MMs6)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 6  
Invalid: 491

### Literal question

In the last complete fiscal year, what percentage of the total annual cost of raw materials and intermediate goods (suppliers' bills) was paid by this establishment using mobile money?

## In Last Fiscal Year Was Mobile Money Used To Pay Utilities Bill? (MMs7)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 15  
Invalid: 482

## In Last Fiscal Year Was Mobile Money Used To Pay Utilities Bill? (MMs7)

File: Benin\_2004\_2009\_2016

### 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 (MMs8)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 0  
Invalid: 497

### 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? (MMs9)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 15  
Invalid: 482

### Literal question

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

## % Annual Sales To Receive Payments From Customers (MMs10)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 9  
Invalid: 488

### 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 (MMs11a)

File: Benin\_2004\_2009\_2016

## Reason Establishment Did Not Use Mobile Money - Do Not Know About Mobile Money (MMs11a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 135  
Invalid: 362

### 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 Too High (MMs11b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 135  
Invalid: 362

### 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 (MMs11c)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 135  
Invalid: 362

### Literal question

Why does this establishment not use mobile money for financial transactions?  
Most of this establishment's payment are too large to use mobile money

## Reason Establishment Did Not Use Mobile Money - Not Easy To Use (MMs11d)

File: Benin\_2004\_2009\_2016

### Overview

## Reason Establishment Did Not Use Mobile Money - Not Easy To Use (MMs11d)

File: Benin\_2004\_2009\_2016

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

Valid cases: 135  
Invalid: 362

### 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 (MMs11e)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 135  
Invalid: 362

### 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 (MMs11f)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 135  
Invalid: 362

### Literal question

Why does this establishment not use mobile money for financial transactions?  
Suppliers don't use mobile money

## In Fiscal Years 2012-2015, Used Finance From Microfinance Institutions? (mc2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

## In Fiscal Years 2012-2015, Used Finance From Microfinance Institutions? (mc2)

File: Benin\_2004\_2009\_2016

In fiscal years 2012-2015 has the establishment used financing from microfinance institutions?

## Stopped Or Reduced Financing From Microfinance Institutions Since Fy 2012-2015? (mc3)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 11  
Invalid: 486

### 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? (mc4)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 4  
Invalid: 493

### Literal question

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

## Other (mc4x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0

### Literal question

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

## In FY 2014-2015, Used Alternate Financing After Reduction/Termination Of Micro-f (mc5)

File: Benin\_2004\_2009\_2016

### Overview

## In FY 2014-2015, Used Alternate Financing After Reduction/Termination Of Micro-f (mc5)

File: Benin\_2004\_2009\_2016

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

Valid cases: 4  
Invalid: 493

### Literal question

Did this establishment use alternate sources of financing given the reduction or termination of financing from microfinance institutions in fiscal years 2012-2015?

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 139  
Invalid: 358

### Literal question

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

## Other (mc6x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 30

Valid cases: 1

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 70  
Invalid: 427

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Interviewer instructions

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

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

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

## Num. Of Permanent, Full-Time Semi Skilled Production Workers, Last Fy (l4a2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 70  
Invalid: 427

### 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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 7  
Invalid: 490

### Literal question

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

Production full-time permanent employees trained

### Interviewer instructions

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

## % Permanent Fulltime Nonproduction Employees Received Formal Training In Last Fy (I11b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 7  
Invalid: 490

### Literal question

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

### Interviewer instructions

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

## Accounting Skills (AF111a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?  
Accounting skills

## Marketing Skills (AF111b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?  
Marketing skills

## Interpersonal And Communication Skills (AF111c)

File: Benin\_2004\_2009\_2016

### Overview

## Interpersonal And Communication Skills (AF111c)

File: Benin\_2004\_2009\_2016

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

Valid cases: 150  
Invalid: 347

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Interpersonal and communication skills

## Writing Skills (AF111d)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Writing skills

## English Skills (AF111e)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

English skills

## Computer Skills / General It Skills (AF111f)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Computer skills / General IT skills

## Technical Skills, Other Than Computers / Vocational, Job-Specific Skills (AF111g)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

How do you rate the level of skills of the establishment's permanent employees compared to what the establishment needs for the following types of skills?

Technical skills, other than computers / vocational, job-specific skills

## Over The Last Two Years, Hire Or Try To Hire Any Skilled Workers? (AF112)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

What percent of this establishment's workforce is currently unionized?

## There Were No Or Few Or Applicants (AF113a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 57
Format: numeric	Invalid: 440
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

There were no or few or applicants

## Applicants Lacked Required Skills (AF113b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 57
Format: numeric	Invalid: 440
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

## Applicants Lacked Required Skills (AF113b)

File: Benin\_2004\_2009\_2016

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

## Applicants Expected Higher Wages Than We Can Offer (AF113c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 57
Format: numeric	Invalid: 440
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Did the establishment encounter any of the following problems when trying to hire a skilled worker?  
Applicants expected higher wages than we can offer

## Applicants Did Not Like The Working Conditions (AF113d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 57
Format: numeric	Invalid: 440
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Did the establishment encounter any of the following problems when trying to hire a skilled worker?  
Applicants did not like the working conditions

## Other (AF113e)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 57
Format: numeric	Invalid: 440
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

## Please Specify (AF113x)

File: Benin\_2004\_2009\_2016

### Overview

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

## Please Specify (AF113x)

### File: Benin\_2004\_2009\_2016

#### Literal question

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

## Name Of University (AF114a1x)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 47

Valid cases: 140

#### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

Name of University

## Quality Of Employees Hired (AF114d1)

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 102  
Invalid: 395

#### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

Quality of employees hired

## Name Of University (AF114a2x)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 80

Valid cases: 93

#### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

Name of University

## Quality Of Employees Hired (AF114d2)

### File: Benin\_2004\_2009\_2016

#### Overview

## Quality Of Employees Hired (AF114d2)

File: Benin\_2004\_2009\_2016

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

Valid cases: 55  
Invalid: 442

### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

Quality of employees hired

## Name Of University (AF114a3x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 47

Valid cases: 57

### Literal question

Please list the three main public or private universities attended by employees hired by this establishment over the last two fiscal years, and rate the quality of the employees hired from each university. Main refers to the university from which the highest number of employees were hired.

Name of University

## Quality Of Employees Hired (AF114d3)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 19  
Invalid: 478

### 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

## Year (a15y)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

Time face-to-face interview ends

## stratification region code (stratificationregioncode)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 1	
Decimals: 0	
Range: 1-2	

## stratification size code (stratificationsizecode)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 1	
Decimals: 0	
Range: 1-3	

## stratification sector code (stratificationsectorcode)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 1	
Decimals: 0	
Range: 1-2	

## see notes (strata)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 2	Minimum: 1
Decimals: 0	Maximum: 21
Range: 1-21	

## Sampling Size (a6a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 300
Format: numeric	Invalid: 197
Width: 1	
Decimals: 0	
Range: 1-3	

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Interviewer instructions**

## Sampling Size (a6a)

File: Benin\_2004\_2009\_2016

Size of the establishment taken from the sample frame

## Sampling Region (a2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 300
Format: numeric	Invalid: 197
Width: 1	
Decimals: 0	
Range: 1-2	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

## Size Of Locality (a3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 300
Format: numeric	Invalid: 197
Width: 1	
Decimals: 0	
Range: 1-5	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Location control variable: it is defined by the actual location of the establishment

## Supervisor Number (a13)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 300
Format: numeric	Invalid: 197
Width: 4	Minimum: 1
Decimals: 0	Maximum: 2016
Range: 1-2016	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Supervisor code

### Interviewer instructions

Information taken from the screener questionnaire

## Screeners Size (a6b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 300
Format: numeric	Invalid: 197
Width: 1	
Decimals: 0	
Range: 0-3	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment as determined with the screener questionnaire

## Day (a14d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 300
Format: numeric	Invalid: 197
Width: 2	Minimum: 1
Decimals: 0	Maximum: 31
Range: 1-31	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

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

### Interviewer instructions

Self-explanatory

## Month (a14m)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 300
Format: numeric	Invalid: 197
Width: 2	
Decimals: 0	
Range: 5-10	

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

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

### Interviewer instructions

Self-explanatory

## Year (a14y)

File: Benin\_2004\_2009\_2016

### Overview

## Year (a14y)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2009-2016

Valid cases: 300  
Invalid: 197

### Literal question

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

## Hour (a14h)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 8-23

Valid cases: 300  
Invalid: 197

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

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

### Interviewer instructions

Self-explanatory

## Minutes (a14min)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-58

Valid cases: 300  
Invalid: 197  
Minimum: 0  
Maximum: 58

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

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

## Interviewer Number (a12)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1-2016

Valid cases: 300  
Invalid: 197  
Minimum: 1  
Maximum: 2016

## Interviewer Number (a12)

### File: Benin\_2004\_2009\_2016

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Literal question

Interviewer code

#### Interviewer instructions

Information taken from the screener questionnaire

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 184  
Invalid: 313

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Information taken from the screener questionnaire

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 151  
Invalid: 346

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Information taken from the screener questionnaire

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 300  
Invalid: 197

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

File: Benin\_2004\_2009\_2016

### Literal question

Was this establishment formally registered when it began operations?

### Interviewer instructions

Registering refer to registration with the national registry (public or private).

If and only if the respondent asks what formal registration means explain that it's when the establishment registered with:

XXXXXXX "Ministry or department"

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

### Literal question

In what year was this establishment formally registered?

### Post question

INTERVIEWER: PROVIDE FOUR DIGITS FOR YEAR.

### Interviewer instructions

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

## Is The Top Manager Female? (b7a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1000000000

Valid cases: 43  
Invalid: 454

### Literal question

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

Annual losses due to power outages

### Post question

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

File: Benin\_2004\_2009\_2016

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH c9a or c9b

### Interviewer instructions

Losses because of power outages: The Manager should estimate the amount of production lost because of power outages.

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

### Literal question

What percentage of total sales does the main product represent?

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 93  
Invalid: 404

### Literal question

In fiscal year 2008, what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security?

Percent of total annual sales for security

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

### Interviewer instructions

How much pay for security. Self-explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 26  
Invalid: 471

### Literal question

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

File: Benin\_2004\_2009\_2016

In fiscal year 2008, what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses?

Losses as percent of total annual sales

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

### Literal question

In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for after delivery?

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO100%

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 104  
Invalid: 393

### Pre question

SHOW CARD

### Literal question

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

Private commercial banks

State-owned banks or government agency

Non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies

Other

### Interviewer instructions

Institutions that granted loan. Self-explanatory

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 300  
 Invalid: 197

#### Pre question

1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING:

The following questions assess how establishments, such as this one, deal with government officials and their agencies.

2) SHOW CARD

#### Literal question

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

"The court system is fair, impartial and uncorrupted."

#### Interviewer instructions

Self-explanatory

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 300  
 Invalid: 197

#### Literal question

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

#### Post question

If answer is No or Don't Know then GO TO QUESTION J.7

#### Interviewer instructions

Self-explanatory

## Main Respondent Position In The Firm (a15a1ax)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
 Format: character  
 Width: 47

Valid cases: 300

#### Pre question

Please complete the following information about the interviewee(s)

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

### File: Benin\_2004\_2009\_2016

#### Overview

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

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-56

Valid cases: 300  
Invalid: 197

### Pre question

Please complete the following information about the interviewee(s)

## Main Respondent'S Gender (a15a3)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

## Second Respondent Position In The Firm (a15a1bx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 41

Valid cases: 37

### Pre question

Please complete the following information about the interviewee(s)

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 37  
Invalid: 460

### Pre question

Please complete the following information about the interviewee(s)

## Second Respondent'S Gender (a15b3)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 37  
Invalid: 460

## Third Respondent Position In The Firm (a15a1cx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 6

Format: character

Width: 38

### Pre question

Please complete the following information about the interviewee(s)

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 6

Format: numeric

Invalid: 491

Width: 2

Decimals: 0

Range: -9-23

### Pre question

Please complete the following information about the interviewee(s)

## Third Respondent'S Gender (a15c3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 6

Format: numeric

Invalid: 491

Width: 2

Decimals: 0

Range: -7-2

## Day (a15d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous

Valid cases: 300

Format: numeric

Invalid: 197

Width: 2

Minimum: 1

Decimals: 0

Maximum: 31

Range: 1-31

### Literal question

Time face-to-face interview ends

## Month (a15m)

File: Benin\_2004\_2009\_2016

### Overview

## Month (a15m)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 5-10

Valid cases: 300  
Invalid: 197

### Literal question

Time face-to-face interview ends

## Hour (a15h)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 8-23

Valid cases: 300  
Invalid: 197

### Literal question

Time face-to-face interview ends

## Minutes (a15min)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197  
Minimum: 0  
Maximum: 59

### Literal question

Time face-to-face interview ends

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

### Pre question

INTERVIEWERS PLEASE ANSWER AT END OF THE INTERVIEW

### Literal question

It is my perception that the responses to the questions regarding opinions and perceptions: Truthful  
Somewhat truthful  
Not truthful

## Responses To The Questions About Figures Are€ (a17)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

## This Questionnaire Was Completed In: (a18)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 300  
Invalid: 197

### Pre question

SUPERVISORS PLEASE ANSWER

### Literal question

This questionnaire was completed in:  
One visit in face-to-face interview with one person  
One visit in face-to-face interview with different managers/staff  
Several visits

### Post question

If answer is 1 then STOP HERE

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 58  
Invalid: 439

### Pre question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 58  
Invalid: 439  
Minimum: 0  
Maximum: 59

## panel code (stratificationpanel)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 219  
Invalid: 278

## a.5 sector match between screener information and sample frame (a5)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Sector match between screener information and sample frame

Yes, screener and sample frame info match

No, screener and sample frame do not match but establishment does activities which match both screener and sample frame

No, does not match

### Interviewer instructions

Self-explanatory

## a.8 type of establishment (a8)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

## a.8 type of establishment (a8)

File: Benin\_2004\_2009\_2016

Type of establishment

HQ without production and/or sales in this location

HQ with production and/or sales in this location

Establishment physically separated from HQ and other establishments of the same firm

Establishment physically separated from HQ but with other establishments of the same firm

**Interviewer instructions**

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

## a.10 establishment financial statements separate from other establishments (a10)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -7-2

Valid cases: 150

Invalid: 347

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Interviewer instructions**

Information taken from the screener questionnaire

## are the owners of the firm: (b3a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -9-5

Valid cases: 150

Invalid: 347

**Pre question**

INTERVIEWER: SHOW CARD

**Literal question**

Are the owners of the firm:

**Post question**

If answer is 1 or Don't know or Doesn't apply then GO TO QUESTION AFB4a

## main african nationality (afb4a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete

Format: numeric

Width: 1

Decimals: 0

Range: 1-2

Valid cases: 126

Invalid: 371

**Literal question**

## main african nationality (afb4a1)

File: Benin\_2004\_2009\_2016

What is the nationality of the current largest owner?  
African (specify)

## main "other asian" nationality (afb4a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 495
Width: 1	
Decimals: 0	
Range: 1-2	

**Literal question**What is the nationality of the current largest owner?  
Other Asian (specify)

## how did the largest owner acquire ownership of this firm? (b3c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 2	
Decimals: 0	
Range: -9-5	

**Pre question**

INTERVIEWER: SHOW CARD

**Literal question**

How did the largest owner acquire ownership of this firm?

**Post question**

If answer is other than 3 then GO TO QUESTION B3e

## the family business was joined by: (b3d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 491
Width: 2	
Decimals: 0	
Range: -9-3	

**Literal question**

The family business was joined by

## which of the following best describes why the largest owner took over this firm? (b3e)

File: Benin\_2004\_2009\_2016

which of the following best describes why the largest owner took over this firm? (b3e)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 150  
Invalid: 347

#### Pre question

INTERVIEWER: SHOW CARD

#### Literal question

Which of the following two options best describes why the largest owner started or took over this firm?  
To take advantage of a business opportunity  
Jobs or opportunities were absent or not satisfactory

involvement of the largest owner in decision making (b3f)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 150  
Invalid: 347

#### Pre question

INTERVIEWER: SHOW CARD

#### Literal question

Which of the following best describes the largest owner's involvement in decision making in this firms?

#### Post question

If answer is 1 then GO TO QUESTION B5

b.3f other (b3fx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 63

Valid cases: 5  
Invalid: 0

#### Literal question

Which of the following best describes the largest owner's involvement in decision making in this firms?  
Other

in 2008, when exporting directly, what is the main point of exit used? (afd3jx)

File: Benin\_2004\_2009\_2016

#### Overview

in 2008, when exporting directly, what is the main point of exit used? (afd3jx)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: character  
Width: 20

Valid cases: 11  
Invalid: 0

#### Literal question

In fiscal year 2008, when exporting directly, what is the main point of exit (e.g., border crossing, land port, airport, or seaport) that this establishment used?

total clearing costs for an average consignment as a % of consignment value (afd5a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 11  
Invalid: 486

#### Literal question

Thinking of the main point of exit, in fiscal year 2008, what were the total clearing costs for an average consignment as a percent of the consignment value? In calculating the total clearing costs, please include things such as payments to clearing agents, storage fees, container handling fees, and gifts or informal payments to customs officials.

in 2008, no. years you have known your primary supplier of your main input? (afd11a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 74  
Invalid: 423

#### Literal question

In fiscal year 2008, for how many years have you known this establishment's primary supplier of its main input?

% of total annual purchases paid for before the delivery in last fiscal year (k1a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 150  
Invalid: 347

#### Pre question

## % of total annual purchases paid for before the delivery in last fiscal year (k1a)

File: Benin\_2004\_2009\_2016

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

2) Show card

### Literal question

In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for before the delivery?

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO100%

## and what percent were: paid on delivery? (k1b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for on delivery?

### Interviewer instructions

INTERVIEWER: CHECK THAT TOTAL SUMS TO100%

## rotation order (m1d)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 150  
Invalid: 347

### Literal question

Which of the following elements of the business environment, if any, currently represents the biggest obstacle faced by this establishment?

Rotation

## cost of replacing machinery and equipment with new (afn7c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-40000000000

Valid cases: 74  
Invalid: 423  
Minimum: -9  
Maximum: 40000000000

### Literal question

## cost of replacing machinery and equipment with new (afn7c)

File: Benin\_2004\_2009\_2016

In fiscal year 2008, what would be the cost of replacing all this establishment's machinery and equipment with new machines and equipment?

## collapsed strict weights (collapsedstrictweights)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 16	Minimum: 1
Decimals: 0	Maximum: 24.7
Range: 1-24.7102941828372	

## collapsed weak weights (collapsedweakweights)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 16	Minimum: 1
Decimals: 0	Maximum: 57.4
Range: 1-57.4452923198227	

## collapsed median weights (collapsedmedianweights)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 16	Minimum: 1
Decimals: 0	Maximum: 36.5
Range: 1-36.4612926329754	

## Strata unique identifier (V306)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 150
Format: numeric	Invalid: 347
Width: 2	
Decimals: 0	
Range: 1-11	

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

File: Benin\_2004\_2009\_2016

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 344  
Invalid: 153

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 305  
Invalid: 192

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 294  
Invalid: 203

### 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?

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

File: Benin\_2004\_2009\_2016

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 257
Format: numeric	Invalid: 240
Width: 4	
Decimals: 0	
Range: -555-75	

### 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? (AFe31)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 347
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 347
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING

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

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 347  
Invalid: 150

### Literal question

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

### Interviewer instructions

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 347  
Invalid: 150

### 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? (h9)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-352488992

Valid cases: 213  
Invalid: 284

### Literal question

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

Cost of formal research and development activities

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

File: Benin\_2004\_2009\_2016

### Overview

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

File: Benin\_2004\_2009\_2016

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

Valid cases: 263  
Invalid: 234

### Literal question

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

### Interviewer instructions

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

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

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 262  
Invalid: 235

### Literal question

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

### Interviewer instructions

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

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

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 347  
Invalid: 150

### 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 (n5c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: -9-122000000000

Valid cases: 239  
Invalid: 258

### 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 (n5d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1220000000

Valid cases: 240  
Invalid: 257

### Literal question

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

## Total Number Of Outstanding Loans/Lines Of Credit Held By This Establishment (k15b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 91  
Invalid: 406

### Literal question

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

## Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers (l3b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 265  
Invalid: 232

## Num. Full-Time Employees At End Of Last Fiscal Yr: Non-Production Workers (l3b)

File: Benin\_2004\_2009\_2016

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

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

### Interviewer instructions

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

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

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

## Num. Of Permanent, Full-Time Highly Skilled Production Workers, Last Fy (l4a1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 265  
Invalid: 232

### 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 Unskilled Production Workers, Last Fy (l4b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-300

Valid cases: 265  
Invalid: 232

### Pre question

INTERVIEWER: READ EACH CATEGORY

## Num. Of Permanent, Full-Time Unskilled Production Workers, Last Fy (l4b)

File: Benin\_2004\_2009\_2016

### Literal question

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

### Interviewer instructions

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

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

## Num. Full-Time Employees At End Of Last Fiscal Yr: Female Production Workers (l5a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 264  
Invalid: 233

### Literal question

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

Female permanent full-time production employees

### Interviewer instructions

Self explanatory

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

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 261  
Invalid: 236

### Literal question

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

Female permanent full-time non-production employees

### Interviewer instructions

Self explanatory

## Female Temporary, Full-Time Workers Employed Throughout Last Fiscal Yr (16a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 168
Format: numeric	Invalid: 329
Width: 3	
Decimals: 0	
Range: -9-500	

### Literal question

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

## % Of Full Time Workers Completed High School (19b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 341
Format: numeric	Invalid: 156
Width: 3	
Decimals: 0	
Range: -9-318	

### Literal question

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

## Training Programs Amount: Production Full-Time Permanent Employees Trained (111a1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 107
Format: numeric	Invalid: 390
Width: 3	
Decimals: 0	
Range: -9-278	

### 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

## Training Programs Amount: Non-Production Full-Time Permanent Employees Trained (111b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 96
Format: numeric	Invalid: 401
Width: 3	
Decimals: 0	
Range: -9-111	

### Literal question

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

File: Benin\_2004\_2009\_2016

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

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 13

Format: numeric

Invalid: 484

Width: 11

Decimals: 0

Range: -9-32000000000

### Literal question

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

Total annual cost of finished goods/materials bought to resell

### Interviewer instructions

Total cost of labor, including wages, salaries and benefits is the total annual wages and all annual benefits, including food, transport, social security (i.e. pensions, medical insurance, and unemployment insurance).

Raw materials and intermediate goods (M) is the cost of all inputs in the production activity. This is usually an item directly taken from the financial statements

Total annual cost of finished goods and materials purchased to resell: (S) is the cost of all finished goods and materials purchased to be resold.

Fuel (M) is the total annual cost of all fuels consumed for heat, power, transportation, or the generation of electricity. Do not include the estimated costs of fuels, such as sawdust or blast furnace gas, produced as a byproduct of your manufacturing activities. Include anthracite and bituminous coal, coke, natural and manufactured gas, fuel oil, liquefied petroleum gas, gasoline, and all other fuels, including purchased steam. Be sure to include fuel used to power delivery trucks, fork lifts, or other motor vehicles associated with the establishment.

Electricity is the total annual cost of electric energy purchased from public or private utility companies or received from other establishments that belong to the same firm. Exclude the value of electricity generated and used at this establishment.

Total annual depreciation is the amortization of fixed assets due to the wearing down and/or obsolescence

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete

Valid cases: 216

Format: numeric

Invalid: 281

Width: 11

Decimals: 0

Range: -9-15000000000

### Literal question

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

File: Benin\_2004\_2009\_2016

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

Total cost of sales

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-18100510720

Valid cases: 219  
Invalid: 278

### Literal question

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

Machinery, vehicles, and equipment

### Interviewer instructions

Net book value equals the purchase value minus depreciation.

The net book value represents the actual cost of assets at the time they were acquired, including all costs incurred in making the assets usable (such as transportation and installation) minus depreciation accumulated since the date of purchase. Included in the assets are all buildings, structures, machinery, and equipment (production, office, and transportation equipment) for which depreciation reserves are maintained. Accordingly, the value of assets at the end of the year includes the value of construction in progress.

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

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-510000005120

Valid cases: 250  
Invalid: 247

### Literal question

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

Machinery, vehicles, and equipment

### Interviewer instructions

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

## is the largest owner female? (b3b)

File: Benin\_2004\_2009\_2016

is the largest owner female? (b3b)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 226  
Invalid: 271

#### Literal question

Is the largest owner female?  
(IF THERE ARE MULTIPLE LARGE OWNERS WITH THE SAME OWNERSHIP SHARE, PLEASE ANSWER WITH RESPECT TO THE PERSON MOST ACTIVE IN THE OPERATION OF THE FIRM )

what is the nationality of origin of the current largest owner?  
(afb4a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 317  
Invalid: 180

#### Literal question

What is the nationality of the current largest owner?

what is the highest level of education of the current top manager?  
(afb7a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 213  
Invalid: 284

#### Pre question

INTERVIEWER: SHOW CARD

#### Literal question

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

No Education  
Primary School (complete or not)  
Secondary School (complete or not)  
Vocational Training  
Some university training  
Graduate degree

is this establishment located in an export processing or other  
industrial zone? (afb8a)

File: Benin\_2004\_2009\_2016

is this establishment located in an export processing or other industrial zone? (afb8a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 345
Format: numeric	Invalid: 152
Width: 2	
Decimals: 0	
Range: -9-3	

#### 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 (c19)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 347
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

#### Literal question

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

#### Post question

If answer is No or Don't Know then GO TO QUESTION C.22

#### Interviewer instructions

Application for telephone connection. Self-explanatory

how many days did it take for you to receive a telephone connection service? (c20)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 127
Format: numeric	Invalid: 370
Width: 3	
Decimals: 0	
Range: -9-730	

#### Literal question

In reference to that application for a telephone connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

#### Interviewer instructions

Wait for telephone connection. Self-explanatory

when you applied for a telephone connection was an informal gift requested? (c21)

File: Benin\_2004\_2009\_2016

when you applied for a telephone connection was an informal gift requested? (c21)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 132
Format: numeric	Invalid: 365
Width: 2	
Decimals: 0	
Range: -9-2	

#### Literal question

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

#### Interviewer instructions

- 1) Bribe for telephone connection. Self-explanatory
- 2) Sensitive question, no clarification can be offered.

neighboring countries within sub-saharan africa (afd3f)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 22
Format: numeric	Invalid: 475
Width: 3	
Decimals: 0	
Range: -9-100	

#### Pre question

SHOW CARD

#### Literal question

In fiscal year 2008, what percent of this establishment's annual export revenue were to: Neighboring Countries within Sub-Saharan Africa

#### Interviewer instructions

INTERVIEWER: CHECK THAT THE TOTAL IS 100%

developed countries (afd3g)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 16
Format: numeric	Invalid: 481
Width: 2	
Decimals: 0	
Range: -9-90	

#### Pre question

SHOW CARD

#### Literal question

In fiscal year 2008, what percent of this establishment's annual export revenue were to: Developed Countries

#### Interviewer instructions

INTERVIEWER: CHECK THAT THE TOTAL IS 100%

other (afd3h)

File: Benin\_2004\_2009\_2016

other (afd3h)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 14  
Invalid: 483

#### Pre question

SHOW CARD

#### Literal question

In fiscal year 2008, what percent of this establishment's annual export revenue were to:  
Other

#### Interviewer instructions

INTERVIEWER: CHECK THAT THE TOTAL IS 100%

in 2008, did you subcontract any part of your production to other firms? (afd11d)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 271  
Invalid: 226

#### Literal question

In fiscal year 2008, did this establishment subcontract any part of its production to other firms?

estimated local market share of your main product line, in fiscal year 2008. (afe1a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 238  
Invalid: 259

#### Literal question

Please estimate what is the local market share of this establishment's main product line, in fiscal year 2008.

% of total annual sales paid for before the delivery in last fiscal year (k2a)

File: Benin\_2004\_2009\_2016

#### Overview

## % of total annual sales paid for before the delivery in last fiscal year (k2a)

File: Benin\_2004\_2009\_2016

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

Valid cases: 346  
Invalid: 151

### Pre question

SHOW CARD

### Literal question

In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were:  
Paid for before the delivery?

### Interviewer instructions

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## and what percent were: paid on delivery? (k2b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 346  
Invalid: 151

### Pre question

SHOW CARD

### Literal question

In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were:  
Paid for on delivery?

### Interviewer instructions

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

## what is the rate of interest of this most recent line of credit or loan? (afk10a)

File: Benin\_2004\_2009\_2016

what is the rate of interest of this most recent line of credit or loan? (afk10a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 104
Format: numeric	Invalid: 393
Width: 2	
Decimals: 0	
Range: -9-90	

#### Literal question

What is the rate of interest of this most recent [line of credit or loan]?

at end of 2008, how many part-time workers were employed by this establishment? (afl8a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 347
Format: numeric	Invalid: 150
Width: 3	
Decimals: 0	
Range: -9-210	

#### Literal question

At the end of fiscal year 2008, how many part-time workers-workers that work less than a full shift per day-were employed by the establishment?

what percent of this establishment's workforce is currently unionized? (V351)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 343
Format: numeric	Invalid: 154
Width: 3	
Decimals: 0	
Range: -9-100	

do you currently have a pre-employment health check for new employees? (afs1y)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 347
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

#### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: We now turn to another topic.

#### Literal question

do you currently have a pre-employment health check for new employees? (afs1y)

File: Benin\_2004\_2009\_2016

Does this establishment currently have a pre-employment health check for new employees?

high absenteeism due to sickness (afs1a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 347  
Invalid: 150

#### Literal question

Have the following situations affected this establishment's workforce in the past 2 years:  
High absenteeism due to sickness

high absenteeism as employees care for family members or friends due to sickness (afs1b)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 347  
Invalid: 150

#### Literal question

Have the following situations affected this establishment's workforce in the past 2 years:  
High absenteeism as employees need to care of family members or friends due to sickness

high absenteeism due to hiv/aids (afs2a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 347  
Invalid: 150

#### Literal question

Has HIV/AIDS affected this establishment's workforce in any of the following ways in the past 2 years:  
High absenteeism due to HIV/AIDS

high absenteeism as employees care for family members or friends due to hiv/aids (afs2b)

File: Benin\_2004\_2009\_2016

## high absenteeism as employees care for family members or friends due to hiv/aids (afs2b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 347
Format: numeric	Invalid: 150
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Has HIV/AIDS affected this establishment's workforce in any of the following ways in the past 2 years:  
High absenteeism as employees need to care of family members or friends due to HIV/AIDS

## hiv prevention messages (afs3a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Did this establishment undertake any of the following activities, in fiscal year 2008, to prevent HIV/AIDS among employees?  
HIV prevention messages

## free condom distribution (afs3b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Did this establishment undertake any of the following activities, in fiscal year 2008, to prevent HIV/AIDS among employees?  
Free condom distribution

## anonymous hiv testing (afs3c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Did this establishment undertake any of the following activities, in fiscal year 2008, to prevent HIV/AIDS among employees?  
Anonymous HIV testing

## cost of all aids/hiv programs and activities (afs4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 330
Format: numeric	Invalid: 167
Width: 8	
Decimals: 0	
Range: -9-52000000	

### Literal question

In fiscal year 2008, how much did this establishment spend on all AIDS/HIV programs and activities?

## Specify other (code02x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 10
Format: character	Invalid: 0
Width: 28	

## City (code03)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 24
Format: character	Invalid: 0
Width: 13	

## Does your establishment belong to an industrial group or a holding? (s101)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## In which city is the HQ located? (s102)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 46
Format: numeric	Invalid: 451
Width: 1	
Decimals: 0	
Range: 1-6	

## Specify other (s102x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 13

Valid cases: 10  
 Invalid: 0

## Do you have other establishments (factories, points of sale, etc.) outside of Be (s105)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 40  
 Invalid: 457

## Specify other (s105x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

## when did the parent company begin operations (s106)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1902-1996

Valid cases: 16  
 Invalid: 481  
 Minimum: 1902  
 Maximum: 1996

African foreign private sector, other countries UEMOA (%)\_\_\_\_  
(s109c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0-51

Valid cases: 197  
 Invalid: 300  
 Minimum: 0  
 Maximum: 51

## African foreign private sector, except UEMOA (% (s109d))

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Foreign private sector - Except Africa (% (s109e))

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Foregin Private Sector - France (%) (s109f)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## other-specify (s109gx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 8
Format: character	Invalid: 0
Width: 34	

## Firm previously owned by government? (s110)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 1-2	

## Year of privatization (s111)

File: Benin\_2004\_2009\_2016

## Year of privatization (s111)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 487
Width: 4	
Decimals: 0	
Range: 1985-2002	

## how did this company come into your possession? (s112)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-4	

## Specify other (s112x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 1
Format: character	Invalid: 0
Width: 16	

## % of initial funds from: personal savings (s113a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 325
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % of initial funds from: sale of stock/bonds (s113b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 325
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## % of initial funds from: bank loan (s113c)

File: Benin\_2004\_2009\_2016

## % of initial funds from: bank loan (s113c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 325
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % of initial funds from: family and friends (s113d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 325
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	

## % of initial funds from: money lenders (s113e)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 325
Width: 2	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	

## % of initial funds from: other infromal sources (s113f)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 172
Format: numeric	Invalid: 325
Width: 2	
Decimals: 0	
Range: 0-20	

## % of initial funds from: other infromal sources (s113g)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 325
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Specify other (s113gx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 7
Format: character	Invalid: 0
Width: 19	

## Which element below described best the principal shareholder or the owner of you (s115a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 193
Format: numeric	Invalid: 304
Width: 2	
Decimals: 0	
Range: 1-10	

## Specify other (s115ax)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 8
Format: character	Invalid: 0
Width: 38	

## Is principal shareholder also the manager/director? (s115b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 169
Format: numeric	Invalid: 328
Width: 1	
Decimals: 0	
Range: 1-2	

## Specify other (s115b3x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 3
Format: character	Invalid: 0
Width: 12	

## years experience in domestic firm (s117a)

File: Benin\_2004\_2009\_2016

### Overview

## years experience in domestic firm (s117a)

File: Benin\_2004\_2009\_2016

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0-40

Valid cases: 168  
 Invalid: 329  
 Minimum: 0  
 Maximum: 40

## Years experience in foreign firm (s117b)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 168  
 Invalid: 329  
 Minimum: 0  
 Maximum: 30

## Did they export (s118)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 119  
 Invalid: 378

## what is the highest level of schooling of the owner (s119)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-13

Valid cases: 160  
 Invalid: 337

## Specify other (s119x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 26

Valid cases: 2  
 Invalid: 0

## (s120)

File: Benin\_2004\_2009\_2016

**Overview**

(s120)

File: Benin\_2004\_2009\_2016

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

Valid cases: 63  
 Invalid: 434

Specify other (s120x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

last 3 years: new production technology (s201)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 197  
 Invalid: 300

Why not? (s201nx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 80

Valid cases: 88  
 Invalid: 0

Why this specific investment? (s201yx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 68

Valid cases: 96  
 Invalid: 0

what was the impact of this technology on this firm (s202a)

File: Benin\_2004\_2009\_2016

**Overview**

what was the impact of this technology on this firm (s202a)

File: Benin\_2004\_2009\_2016

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

Valid cases: 107  
Invalid: 390

specify (s202ax)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 46

Valid cases: 2  
Invalid: 0

what was the impact of this technology on this firm (s202b)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 103  
Invalid: 394

specify (s202bx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 23

Valid cases: 1  
Invalid: 0

Percentage of workforce that regularly uses computer (s203a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0-100

Valid cases: 197  
Invalid: 300  
Minimum: 0  
Maximum: 100

In what department are they most used? (s203b)

File: Benin\_2004\_2009\_2016

#### Overview

## In what department are they most used? (s203b)

File: Benin\_2004\_2009\_2016

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

Valid cases: 119  
 Invalid: 378

## specify (s203bx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 37

Valid cases: 5  
 Invalid: 0

## Develop a new product in the last 2 years? (s204a1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 197  
 Invalid: 300

## Upgrading existing product in last 2 years? (s204a2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 196  
 Invalid: 301

## Primary way of acquiring new technology? (s204c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-15

Valid cases: 93  
 Invalid: 404

## Other (specify) (s204c1x)

File: Benin\_2004\_2009\_2016

**Overview**

## Other (specify) (s204c1x)

### File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: character  
Width: 20

Valid cases: 2  
Invalid: 0

## Secondary way of acquiring new technology? (s204c2)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-15

Valid cases: 91  
Invalid: 406

## Other (specify) (s201c2x)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 36

Valid cases: 4  
Invalid: 0

## Did you carry out direct exports? (s301)

### File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 197  
Invalid: 300

## In what year did the establishment started exporting in Western Europe? (s303a)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1950-2003

Valid cases: 11  
Invalid: 486  
Minimum: 1950  
Maximum: 2003

## method of payment most often used for exports (s303b)

### File: Benin\_2004\_2009\_2016

#### Overview

## method of payment most often used for exports (s303b)

File: Benin\_2004\_2009\_2016

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1995-1997

Valid cases: 4  
 Invalid: 493

## In what year did the establishment started exporting in North America? (s303c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1995-2000

Valid cases: 4  
 Invalid: 493

## In what year did the establishment started exporting in North Africa and Middle (s303d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1960-2001

Valid cases: 4  
 Invalid: 493  
 Minimum: 1960  
 Maximum: 2001

## In what year did the establishment started exporting in Asia? (s303e)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1998-2000

Valid cases: 2  
 Invalid: 495

## In what year did the establishment started exporting in UEMOA countries? (s303f)

File: Benin\_2004\_2009\_2016

**Overview**

In what year did the establishment started exporting in UEMOA countries? (s303f)

File: Benin\_2004\_2009\_2016

Type: Continuous	Valid cases: 33
Format: numeric	Invalid: 464
Width: 4	Minimum: 1946
Decimals: 0	Maximum: 2004
Range: 1946-2004	

In what year did the establishment started exporting in other African countries? (s303g)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 12
Format: numeric	Invalid: 485
Width: 4	Minimum: 1970
Decimals: 0	Maximum: 2003
Range: 1970-2003	

Specify African countries (s303gx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 10
Format: character	Invalid: 0
Width: 23	

In what year did the establishment started exporting in other? (s303h)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 497
Width: 1	
Decimals: 0	

Specify other countries (s303hx)

File: Benin\_2004\_2009\_2016

#### Overview

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

## Type of product exported to Western Europe? (s304a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 18

Valid cases: 13  
 Invalid: 0

## Percentage of the value of exports to Western Europe? (s304a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 12.5-100

Valid cases: 12  
 Invalid: 485  
 Minimum: 12.5  
 Maximum: 100

## Type of product exported to Eastern and Central Europe? (s304b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 4  
 Invalid: 0

Percentage of the value of exports to Eastern and Central Europe?  
(s304b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 20-40

Valid cases: 4  
 Invalid: 493  
 Minimum: 20  
 Maximum: 40

## Type of product exported to North America? (s304c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 4  
 Invalid: 0

## Percentage of the value of exports to North America? (s304c2)

File: Benin\_2004\_2009\_2016

**Overview**

## Percentage of the value of exports to North America? (s304c2)

File: Benin\_2004\_2009\_2016

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0.200000017881393-40

Valid cases: 4  
 Invalid: 493  
 Minimum: 0.2  
 Maximum: 40

Type of product exported to North Africa and Middle East?  
(s304d1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 4  
 Invalid: 0

## Percentage of the value of exports to North Africa and Middle East? (s304d2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0.100000008940697-50

Valid cases: 3  
 Invalid: 494  
 Minimum: 0.1  
 Maximum: 50

## Type of product exported to Asia? (s304e1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 15

Valid cases: 3  
 Invalid: 0

## Percentage of the value of exports to Asia? (s304e2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0.6000000083446503-45

Valid cases: 3  
 Invalid: 494  
 Minimum: 0.6  
 Maximum: 45

## Type of product exported to UEMOA countries? (s304f1)

File: Benin\_2004\_2009\_2016

## Type of product exported to UEMOA countries? (s304f1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 21

Valid cases: 34  
 Invalid: 0

## Percentage of the value of exports to UEMOA countries? (s304f2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 0.100000008940697-100

Valid cases: 35  
 Invalid: 462  
 Minimum: 0.1  
 Maximum: 100

## Type of product exported to other African countries? (s304g1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 16

Valid cases: 10  
 Invalid: 0

Percentage of the value of exports to other African countries?  
(s304g2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-100

Valid cases: 10  
 Invalid: 487  
 Minimum: 10  
 Maximum: 100

## Specify African countries (s304gx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 22

Valid cases: 9  
 Invalid: 0

## Type of product exported to other countries? (s304h1)

File: Benin\_2004\_2009\_2016

**Overview**

## Type of product exported to other countries? (s304h1)

File: Benin\_2004\_2009\_2016

Type: Discrete  
 Format: character  
 Width: 6

Valid cases: 1  
 Invalid: 0

## Percentage of the value of exports to other countries? (s304h2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 1  
 Invalid: 496

## Specify other countries (s304hx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 5

Valid cases: 1  
 Invalid: 0

## In last fiscal year, what was the most important destination country of your exp (s305ax)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 14

Valid cases: 41  
 Invalid: 0

## Percent of total exports to this country (s305a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 10-100

Valid cases: 40  
 Invalid: 457  
 Minimum: 10  
 Maximum: 100

## (s305b)

File: Benin\_2004\_2009\_2016

**Overview**

(s305b)

File: Benin\_2004\_2009\_2016

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

Valid cases: 42  
 Invalid: 455

(s305bx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 35

Valid cases: 10  
 Invalid: 0

(s305c1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 42  
 Invalid: 455  
 Minimum: 0  
 Maximum: 100

(s305c2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 42  
 Invalid: 455

(s305c3)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 42  
 Invalid: 455

(s305c4)

File: Benin\_2004\_2009\_2016

**Overview**

(s305c4)

File: Benin\_2004\_2009\_2016

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

Valid cases: 42  
 Invalid: 455  
 Minimum: 0  
 Maximum: 100

(s305c5)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 42  
 Invalid: 455

(s305d1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 41  
 Invalid: 456

(s305d2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 41  
 Invalid: 456

What percentage of exports were by sea? (s305e1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 41  
 Invalid: 456  
 Minimum: 0  
 Maximum: 100

## Place of departure of exports by sea (s305e1x)

File: Benin\_2004\_2009\_2016

**Overview**

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

## Cost per unit to export by sea (s305e5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 6
Format: numeric	Invalid: 491
Width: 10	Minimum: 3000
Decimals: 2	Maximum: 4000000
Range: 3000-4000000	

## Cost per unit to export by sea (s305e2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 42
Format: numeric	Invalid: 455
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Place of departure of exports by air (s305e2x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 5
Format: character	Invalid: 0
Width: 18	

## Cost per unit to export by air (s305e6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 3
Format: numeric	Invalid: 494
Width: 8	Minimum: 160
Decimals: 2	Maximum: 50000
Range: 160-50000	

## What percentage of exports were by road? (s305e3)

File: Benin\_2004\_2009\_2016

**Overview**

## What percentage of exports were by road? (s305e3)

File: Benin\_2004\_2009\_2016

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

Valid cases: 42  
Invalid: 455  
Minimum: 0  
Maximum: 100

## Place of departure of exports by road (s305e3x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 8

Valid cases: 32  
Invalid: 0

## Cost per unit to export by road (s305e7)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 2  
Range: 2000-27000000

Valid cases: 17  
Invalid: 480  
Minimum: 2000  
Maximum: 27000000

## What percentage of exports were by railway? (s305e4)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 42  
Invalid: 455

## Place of departure of exports by railway (s305e4x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

## Cost per unit to export by railway (s305e8)

File: Benin\_2004\_2009\_2016

### Overview

## Cost per unit to export by railway (s305e8)

File: Benin\_2004\_2009\_2016

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

Valid cases: 0  
Invalid: 497

## Did you use any exemptions on customs duties? (s306a1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 39  
Invalid: 458

## Since using exemptions on customs duties, have you? (s306a2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 7  
Invalid: 490

## Why not? (s306ax)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 80

Valid cases: 20  
Invalid: 0

## Did you use any export credit? (s306b1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 40  
Invalid: 457

## Since using export credit, have you? (s306b2)

File: Benin\_2004\_2009\_2016

### Overview

## Since using export credit, have you? (s306b2)

File: Benin\_2004\_2009\_2016

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

Valid cases: 7  
Invalid: 490

## Why not? (s306bx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 58

Valid cases: 19  
Invalid: 0

## Did you use any export refinancing? (s306c1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 39  
Invalid: 458

## Since using export refinancing, have you? (s306c2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 3  
Invalid: 494

## Why not? (s306cx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 46

Valid cases: 18  
Invalid: 0

## Did you use any exemptions from VAT on equipment? (s306d1)

File: Benin\_2004\_2009\_2016

### Overview

## Did you use any exemptions from VAT on equipment? (s306d1)

File: Benin\_2004\_2009\_2016

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

Valid cases: 38  
Invalid: 459

## Since using exemptions from VAT on equipment, have you? (s306d2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 7  
Invalid: 490

## Why not? (s306dx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 54

Valid cases: 13  
Invalid: 0

## Did you use AGOA? (s306e1)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 39  
Invalid: 458

## Since using AGOA, have you? (s306e2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 0  
Invalid: 497

## Why not? (s306ex)

File: Benin\_2004\_2009\_2016

## Why not? (s306ex)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 41

Valid cases: 18  
 Invalid: 0

## Did you use anything else for exports? (s306f1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 17  
 Invalid: 480

## Since using anything else for exports, have you? (s306f2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 2  
 Invalid: 495

## Why not? (s306fx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 36

Valid cases: 3  
 Invalid: 0

## Specify (s306f1x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 27

Valid cases: 1  
 Invalid: 0

## Number of days to clear exports through customs the longest time (s307b)

File: Benin\_2004\_2009\_2016

**Overview**

## Number of days to clear exports through customs the longest time (s307b)

File: Benin\_2004\_2009\_2016

Type: Continuous	Valid cases: 32
Format: numeric	Invalid: 465
Width: 2	Minimum: 1
Decimals: 0	Maximum: 90
Range: 1-90	

## Did you directly import any raw materials in 2003 (s308)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## In what year did the establishment started importing from Western Europe? (s309a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 45
Format: numeric	Invalid: 452
Width: 4	Minimum: 1954
Decimals: 0	Maximum: 2004
Range: 1954-2004	

## In what year did the establishment started importing from Eastern and Central Eu (s309b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 11
Format: numeric	Invalid: 486
Width: 4	
Decimals: 0	
Range: 1989-2003	

## In what year did the establishment started importing from North America? (s309c)

File: Benin\_2004\_2009\_2016

### Overview

In what year did the establishment started importing from North America? (s309c)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1996-1997

Valid cases: 2  
Invalid: 495

In what year did the establishment started importing from North Africa and Middl (s309d)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1992-2001

Valid cases: 4  
Invalid: 493

In what year did the establishment started importing from Asia? (s309e)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1974-2003

Valid cases: 8  
Invalid: 489  
Minimum: 1974  
Maximum: 2003

In what year did the establishment started importing from UEMOA countries? (s309f)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1971-2003

Valid cases: 19  
Invalid: 478  
Minimum: 1971  
Maximum: 2003

In what year did the establishment started importing from other African countrie (s309g)

File: Benin\_2004\_2009\_2016

#### Overview

In what year did the establishment started importing from other African countries (s309g)

File: Benin\_2004\_2009\_2016

Type: Continuous	Valid cases: 20
Format: numeric	Invalid: 477
Width: 4	Minimum: 1971
Decimals: 0	Maximum: 2003
Range: 1971-2003	

Specify African countries (s309gx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 17
Format: character	Invalid: 0
Width: 21	

In what year did the establishment importing from in other? (s309h)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 495
Width: 4	
Decimals: 0	
Range: 2000-2000	

Specify other countries (s309hx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 2
Format: character	Invalid: 0
Width: 11	

Type of product imports from Western Europe? (s310a1)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 44
Format: character	Invalid: 0
Width: 33	

Percentage of the value of imports from Western Europe? (s310a2)

File: Benin\_2004\_2009\_2016

#### Overview

## Percentage of the value of imports from Western Europe? (s310a2)

File: Benin\_2004\_2009\_2016

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 20-100

Valid cases: 44  
 Invalid: 453  
 Minimum: 20  
 Maximum: 100

Type of product imports from Eastern and Central Europe?  
(s310b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 18

Valid cases: 9  
 Invalid: 0

Percentage of the value of imports from Eastern and Central  
Europe? (s310b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 30-100

Valid cases: 10  
 Invalid: 487  
 Minimum: 30  
 Maximum: 100

## Type of product imports from North America? (s310c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 18

Valid cases: 3  
 Invalid: 0

## Percentage of the value of imports from North America? (s310c2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 3  
 Invalid: 494  
 Minimum: 3  
 Maximum: 100

## Type of product imports from North Africa and Middle East? (s310d1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 4
Format: character	Invalid: 0
Width: 32	

## Percentage of the value of imports from North Africa and Middle East? (s310d2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 4
Format: numeric	Invalid: 493
Width: 2	Minimum: 8
Decimals: 0	Maximum: 30
Range: 8-30	

## Type of product imports from Asia? (s310e1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 9
Format: character	Invalid: 0
Width: 28	

## Percentage of the value of imports from Asia? (s310e2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 8
Format: numeric	Invalid: 489
Width: 2	Minimum: 5
Decimals: 0	Maximum: 60
Range: 5-60	

## Type of product imports from UEMOA countries? (s310f1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 19
Format: character	Invalid: 0
Width: 32	

## Percentage of the value of imports from UEMOA countries? (s310f2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 19
Format: numeric	Invalid: 478
Width: 3	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	

## Type of product imports from other African countries? (s310g1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 23
Format: character	Invalid: 0
Width: 22	

## Percentage of the value of imports from other African countries? (s310g2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 23
Format: numeric	Invalid: 474
Width: 3	Minimum: 2
Decimals: 0	Maximum: 100
Range: 2-100	

## Specify African countries (s310gx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 16
Format: character	Invalid: 0
Width: 25	

## Type of product imports from other countries? (s310h1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 3
Format: character	Invalid: 0
Width: 15	

## Percentage of the value of imports from other countries? (s310h2)

File: Benin\_2004\_2009\_2016

## Percentage of the value of imports from other countries? (s310h2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 4
Format: numeric	Invalid: 493
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Specify other countries (s310hx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 2
Format: character	Invalid: 0
Width: 11	

## Do you use a transitaire? (s311)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 71
Format: numeric	Invalid: 426
Width: 1	
Decimals: 0	
Range: 1-2	

## Number of days to clear imports through customs longest time (s312b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 66
Format: numeric	Invalid: 431
Width: 3	Minimum: 2
Decimals: 0	Maximum: 180
Range: 2-180	

## Perceptions: taking out a bond for imports (s313a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 162
Format: numeric	Invalid: 335
Width: 1	
Decimals: 0	
Range: 1-5	

## Perceptions: taking out a bond for exports (s313b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 144
Format: numeric	Invalid: 353
Width: 1	
Decimals: 0	
Range: 1-5	

## Perceptions: port/harbour operations (s313c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 158
Format: numeric	Invalid: 339
Width: 1	
Decimals: 0	
Range: 1-5	

## Perceptions: international airport and services (s313d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 144
Format: numeric	Invalid: 353
Width: 1	
Decimals: 0	
Range: 1-5	

## Perceptions: international maritime services (s313e)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 146
Format: numeric	Invalid: 351
Width: 1	
Decimals: 0	
Range: 1-5	

## Perceptions: telecommunications with foreigners (s313f)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 157
Format: numeric	Invalid: 340
Width: 1	
Decimals: 0	
Range: 1-5	

## Perception of infrastructure: electricity (s402a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 2-6	

## Perception of infrastructure: water (s402b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 0-6	

## Perception of infrastructure: roads (s402c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 0-5	

## Perception of infrastructure: mobile telephone (s402d1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 1-6	

## Perception of infrastructure: landline telephone (s402d2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 0-6	

## Perception of infrastructure: waste management (s402e)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 0-6	

## Perception of infrastructure: Safety & police (s402f)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 0-5	

## Perception of infrastructure: Postal Service (s402g)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 1-6	

## Perception of infrastructure: Air Freight (s402h)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 181
Format: numeric	Invalid: 316
Width: 1	
Decimals: 0	
Range: 0-6	

## Perception of infrastructure: road transport (s402i)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 0-5	

## Perception of infrastructure: rail transport (s402j)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 185
Format: numeric	Invalid: 312
Width: 1	
Decimals: 0	
Range: 0-6	

## Perception of infrastructure: internet (s402k)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 188
Format: numeric	Invalid: 309
Width: 1	
Decimals: 0	
Range: 0-6	

## (s403e1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 54
Format: numeric	Invalid: 443
Width: 3	Minimum: 0
Decimals: 0	Maximum: 360
Range: 0-360	

## Did you provide your own infrastructure--except generators (s404a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## Own solar (s404b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 2-2	

## Own hydro (s404b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## own electirc--other (s404b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## specify (s404bx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 2
Format: character	Invalid: 0
Width: 10	

## Original cost of generator (s404c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 48
Format: numeric	Invalid: 449
Width: 12	Minimum: 90000
Decimals: 2	Maximum: 500000000
Range: 90000-500000000	

## Year of purchase of generator (s404c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 51
Format: numeric	Invalid: 446
Width: 4	Minimum: 1974
Decimals: 0	Maximum: 2004
Range: 1974-2004	

## cost of fuel for generators (s404e)

File: Benin\_2004\_2009\_2016

## cost of fuel for generators (s404e)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 49
Format: numeric	Invalid: 448
Width: 12	Minimum: 24000
Decimals: 2	Maximum: 408404352
Range: 24000-408404352	

## have you had equipment damaged/destroyed by voltage fluctuations (s405a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 189
Format: numeric	Invalid: 308
Width: 1	
Decimals: 0	
Range: 1-2	

## value of damage from electrical voltage fluctuations (s405b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 73
Format: numeric	Invalid: 424
Width: 11	Minimum: 25000
Decimals: 2	Maximum: 70000000
Range: 25000-70000000	

## Losses due to water shortage? (percent) (s406a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 125
Format: numeric	Invalid: 372
Width: 5	Minimum: 0
Decimals: 2	Maximum: 25
Range: 0-25	

## built your own well? (s406b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## built other water infrastructure? (s406b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## Shared your well with neighbors (s406b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## % water provided from your own infrastructure (s406c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 44
Format: numeric	Invalid: 453
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Water supply: share from public sources (s406d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 177
Format: numeric	Invalid: 320
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## cost of water in 2002 (s406e)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 158
Format: numeric	Invalid: 339
Width: 12	Minimum: 7200
Decimals: 2	Maximum: 340000000
Range: 7200-340000000	

## year of telecommunications infrasturcture investment (s407a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 151
Format: numeric	Invalid: 346
Width: 4	Minimum: 1960
Decimals: 0	Maximum: 2004
Range: 1960-2004	

## cost of telecommunications infratructure (s407a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 142
Format: numeric	Invalid: 355
Width: 11	Minimum: 30000
Decimals: 2	Maximum: 30000000
Range: 30000-30000000	

## do you have internet access (s407b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

Do you use a fixed telephone line to stay in contact with clients?  
(s407c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## use with clients/suppliers: mobile telephone (s407c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## Days of unavailable mainline telephone service last year (s407d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 154
Format: numeric	Invalid: 343
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	

## Average duration of unavail. telephone service last year (hrs) (s407e)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 110
Format: numeric	Invalid: 387
Width: 5	Minimum: 0.2
Decimals: 2	Maximum: 24
Range: 0.200000002980232-24	

## How much did you pay for security last Fiscal Year? (s408a1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 12	Minimum: 0
Decimals: 2	Maximum: 296014688
Range: 0-296014688	

## How much did you pay for protection last Fiscal Year? (s408a2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 10	Minimum: 0
Decimals: 2	Maximum: 2970000
Range: 0-2970000	

## How many cases of vandalism occurred last FY? (s408b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 35
Format: numeric	Invalid: 462
Width: 3	Minimum: 1
Decimals: 0	Maximum: 104
Range: 1-104	

## How many were reported to the police? (s408b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 36
Format: numeric	Invalid: 461
Width: 2	
Decimals: 0	
Range: 0-10	

## How many incidents were resolved? (s408b5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 24
Format: numeric	Invalid: 473
Width: 1	
Decimals: 0	
Range: 0-3	

## company has: roads (s409a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## company has: employee transport (s409b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## company has: sewer/waste disposal (s409c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## How do you ship the majority of your goods? (s410a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 192
Format: numeric	Invalid: 305
Width: 1	
Decimals: 0	
Range: 1-4	

## specify (s410ax)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 9
Format: character	Invalid: 0
Width: 46	

## What percentage of shipments were made by the establishment alone? (s410b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 109
Format: numeric	Invalid: 388
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## What percentage of shipments were by sea? (s410c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 172
Format: numeric	Invalid: 325
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Cost per unit to shipments by sea (s410c5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 7
Format: numeric	Invalid: 490
Width: 11	Minimum: 3000
Decimals: 2	Maximum: 26894204
Range: 3000-26894204	

## What percentage of shipments were by air? (s410c2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 2	Minimum: 0
Decimals: 0	Maximum: 95
Range: 0-95	

## Cost per unit to shipments by air (s410c6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 2
Format: numeric	Invalid: 495
Width: 9	Minimum: 4375
Decimals: 2	Maximum: 200000
Range: 4375-200000	

## What percentage of exports shipments by road? (s410c3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Cost per unit to shipments by road (s410c7)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 126
Format: numeric	Invalid: 371
Width: 11	Minimum: 60
Decimals: 2	Maximum: 58000000
Range: 60-58000000	

## What percentage of shipments were by railway? (s410c4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 170
Format: numeric	Invalid: 327
Width: 2	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	

## Cost per unit to shipments by railway (s410c8)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 3
Format: numeric	Invalid: 494
Width: 9	Minimum: 2000
Decimals: 2	Maximum: 150000
Range: 2000-150000	

## Average days in last FY imports traveled from entry in Benin (s411a1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 103
Format: numeric	Invalid: 394
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	

## Average days in last FY imports traveled to border of exit in Benin (s411a2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 83
Format: numeric	Invalid: 414
Width: 5	Minimum: 0
Decimals: 2	Maximum: 30
Range: 0-30	

## Most days in last FY imports traveled from entry in Benin (s411a3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 103
Format: numeric	Invalid: 394
Width: 3	Minimum: 0
Decimals: 0	Maximum: 180
Range: 0-180	

## Most days in last FY imports traveled to border of exit in Benin (s411a4)

File: Benin\_2004\_2009\_2016

### Overview

## Most days in last FY imports traveled to border of exit in Benin (s411a4)

File: Benin\_2004\_2009\_2016

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

Valid cases: 82  
Invalid: 415  
Minimum: 0  
Maximum: 60

## Average days in last FY imports traveled from/to final destination (s411b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 0-90

Valid cases: 150  
Invalid: 347  
Minimum: 0  
Maximum: 90

## Average days in last FY imports traveled from point of exit in Benin to client (s411b2)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 84  
Invalid: 413  
Minimum: 0  
Maximum: 30

## Most days in last FY imports traveled from/to final destination (s411b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0-120

Valid cases: 150  
Invalid: 347  
Minimum: 0  
Maximum: 120

## Most days in last FY imports traveled from point of exit in Benin to client (s411b4)

File: Benin\_2004\_2009\_2016

### Overview

Most days in last FY imports traveled from point of exit in Benin to client (s411b4)

File: Benin\_2004\_2009\_2016

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

Valid cases: 84  
Invalid: 413  
Minimum: 0  
Maximum: 60

Did you receive adequate compensation for your losses? (s412b)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 37  
Invalid: 460

If not, why? (s412c1)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 24  
Invalid: 473

Specify (s412cx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 32

Valid cases: 2  
Invalid: 0

If not, have you received compensation from insurance? (s412c2)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 22  
Invalid: 475

Business constraint: cost of finance (e.g. interest rates) (s501l)

File: Benin\_2004\_2009\_2016

## Business constraint: cost of finance (e.g. interest rates) (s501l)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 0-4	

## Business constraint: macroeconomic instability (infl., exch. rate) (s501n)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 186
Format: numeric	Invalid: 311
Width: 1	
Decimals: 0	
Range: 0-4	

## Other (s501s)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 3
Format: numeric	Invalid: 494
Width: 1	
Decimals: 0	
Range: 0-4	

## Specify (s501sx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 3
Format: character	Invalid: 0
Width: 16	

## What obstacle is most important for you? (s502)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: character	Invalid: 0
Width: 1	

## Efficiency of government in delivering services (s503)

File: Benin\_2004\_2009\_2016

## Efficiency of government in delivering services (s503)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 1-6	

## Do you consider tax rates predictable and consistent? (s504a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 1-4	

## Do you consider enforcement of tax policy predictable and consistent? (s504b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 1-4	

## Do you consider labor legislation predictable and consistent? (s504c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 185
Format: numeric	Invalid: 312
Width: 1	
Decimals: 0	
Range: 1-4	

## Do you consider import duties predictable and consistent? (s504d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 139
Format: numeric	Invalid: 358
Width: 1	
Decimals: 0	
Range: 1-4	

## Do you consider other regulation predictable and consistent? (s504e)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 497
Width: 1	
Decimals: 0	
Range: 1-4	

## Specify (s504ex)

File: Benin\_2004\_2009\_2016

### Overview

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

## Do establishments in your sector need to pay to get things done? (s506a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 180
Format: numeric	Invalid: 317
Width: 1	
Decimals: 0	
Range: 1-2	

## % days spent with local officials: tax inspectorate (s507a2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 165
Format: numeric	Invalid: 332
Width: 5	Minimum: 0.1
Decimals: 2	Maximum: 24
Range: 0.0500000007450581-24	

## cost of compliance compared to a year ago: tax inspectorate (s507a3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 167
Format: numeric	Invalid: 330
Width: 1	
Decimals: 0	
Range: 1-3	

## Value of gift requested by off. from: tax inspectorate (s507a5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 344
Width: 10	Minimum: 0
Decimals: 2	Maximum: 4000000
Range: 0-4000000	

## Total days spent with officials from: labor/social security (s507b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 303
Width: 3	Minimum: 0
Decimals: 0	Maximum: 123
Range: 0-123	

## % days spent with local officials: labor&amp;social security (s507b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 95
Format: numeric	Invalid: 402
Width: 5	Minimum: 0.3
Decimals: 2	Maximum: 23
Range: 0.25-23	

## cost of compliance compared to a year ago: labor/social security (s507b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 96
Format: numeric	Invalid: 401
Width: 1	
Decimals: 0	
Range: 1-3	

## Gift/informal payment requested: labor&amp;social security? (s507b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 94
Format: numeric	Invalid: 403
Width: 1	
Decimals: 0	
Range: 1-2	

## Value of gift requested by off. from: labor&social security (s507b5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 91
Format: numeric	Invalid: 406
Width: 9	Minimum: 0
Decimals: 2	Maximum: 500000
Range: 0-500000	

## Total days spent with officials from: fire/building safety (s507c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	
Decimals: 0	
Range: 0-15	

## % days spent with local officials: fire&building safety (s507c2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 40
Format: numeric	Invalid: 457
Width: 4	Minimum: 0.5
Decimals: 2	Maximum: 4
Range: 0.5-4	

## cost of compliance compared to a year ago: fire/building safety (s507c3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 45
Format: numeric	Invalid: 452
Width: 1	
Decimals: 0	
Range: 1-3	

## Gift/informal payment requested: fire&building safety? (s507c4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 39
Format: numeric	Invalid: 458
Width: 1	
Decimals: 0	
Range: 1-2	

## Value of gift requested by off. from: fire&building safety (s507c5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 38
Format: numeric	Invalid: 459
Width: 9	Minimum: 0
Decimals: 2	Maximum: 200000
Range: 0-200000	

## Total days spent with officials from: sanit./epidem. (s507d1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 193
Format: numeric	Invalid: 304
Width: 2	
Decimals: 0	
Range: 0-19	

## % days spent with local officials: sanit./epidem. (s507d2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 70
Format: numeric	Invalid: 427
Width: 5	Minimum: 0.2
Decimals: 2	Maximum: 10
Range: 0.159999996423721-10	

## cost of compliance compared to a year ago: sanit./epidem. (s507d3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 76
Format: numeric	Invalid: 421
Width: 1	
Decimals: 0	
Range: 1-3	

## Gift/informal payment requested: sanit./epidem.? (s507d4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 70
Format: numeric	Invalid: 427
Width: 1	
Decimals: 0	
Range: 1-2	

## Value of gift requested by off. from: sanit./epidem. (s507d5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 68
Format: numeric	Invalid: 429
Width: 9	Minimum: 0
Decimals: 2	Maximum: 600000
Range: 0-600000	

## Total days spent with officials from: municipal police (s507e1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	Minimum: 0
Decimals: 0	Maximum: 52
Range: 0-52	

## % days spent with local officials: municipal police (s507e2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 36
Format: numeric	Invalid: 461
Width: 5	Minimum: 0.5
Decimals: 2	Maximum: 16
Range: 0.5-16	

## cost of compliance compared to a year ago: municipal police (s507e3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 41
Format: numeric	Invalid: 456
Width: 1	
Decimals: 0	
Range: 1-3	

## Gift/informal payment requested: municipal police? (s507e4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 35
Format: numeric	Invalid: 462
Width: 1	
Decimals: 0	
Range: 1-2	

## Value of gift requested by off. from: municipal police (s507e5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 35
Format: numeric	Invalid: 462
Width: 9	Minimum: 0
Decimals: 2	Maximum: 250000
Range: 0-250000	

## Total days spent with officials from: environmental (s507f1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	

## % days spent with local officials: environmental (s507f2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 51
Format: numeric	Invalid: 446
Width: 4	Minimum: 0.3
Decimals: 2	Maximum: 7
Range: 0.25-7	

## cost of compliance compared to a year ago: environmental (s507f3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 54
Format: numeric	Invalid: 443
Width: 1	
Decimals: 0	
Range: 1-3	

## Gift/informal payment requested: environmental? (s507f4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 50
Format: numeric	Invalid: 447
Width: 1	
Decimals: 0	
Range: 1-2	

## Value of gift requested by off. from: environmental (s507f5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 49
Format: numeric	Invalid: 448
Width: 5	Minimum: 0
Decimals: 0	Maximum: 20000
Range: 0-20000	

## Total days spent with officials from: TOTAL (s507t1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 196
Format: numeric	Invalid: 301
Width: 3	Minimum: 0
Decimals: 0	Maximum: 233
Range: 0-233	

## % days spent with local officials: TOTAL (s507t2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 175
Format: numeric	Invalid: 322
Width: 5	Minimum: 0.1
Decimals: 2	Maximum: 23
Range: 0.0500000007450581-23	

## cost of compliance compared to a year ago: TOTAL (s507t3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 487
Width: 1	
Decimals: 0	
Range: 1-3	

## Gift/informal payment requested: TOTAL (s507t4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 52
Format: numeric	Invalid: 445
Width: 1	
Decimals: 0	
Range: 1-2	

## Value of gift requested by off. from: TOTAL (s507t5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 51
Format: numeric	Invalid: 446
Width: 10	Minimum: 0
Decimals: 2	Maximum: 5120000
Range: 0-5120000	

Days to fully register/re-register the establishment in the last 3 FY?  
(s508a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 466
Width: 3	Minimum: 1
Decimals: 0	Maximum: 540
Range: 1-540	

Number of agencies visited to fully register/re-register the  
establishment in th (s508a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 31
Format: numeric	Invalid: 466
Width: 2	
Decimals: 0	
Range: 1-10	

Total cost to fully register/re-register the establishment in the last  
3 FY? (s508a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 30
Format: numeric	Invalid: 467
Width: 11	Minimum: 0
Decimals: 2	Maximum: 20000000
Range: 0-20000000	

Value of gifts/informal payments to fully register/re-register the  
establishment (s508a4)

File: Benin\_2004\_2009\_2016

**Overview**

## Value of gifts/informal payments to fully register/re-register the establishment (s508a4)

File: Benin\_2004\_2009\_2016

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 466
Width: 11	Minimum: 0
Decimals: 2	Maximum: 10000000
Range: 0-10000000	

## Days to register a patent in the last 3 FY? (s508a5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 32
Format: numeric	Invalid: 465
Width: 2	Minimum: 1
Decimals: 0	Maximum: 60
Range: 1-60	

## Number of agencies visited to register a patent in the last 3 FY? (s508a6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 32
Format: numeric	Invalid: 465
Width: 1	
Decimals: 0	
Range: 1-8	

## Total cost to register a patent in the last 3 FY? (s508a7)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 466
Width: 9	Minimum: 0
Decimals: 2	Maximum: 500000
Range: 0-500000	

## Value of gifts/informal payments to register a patent in the last 3 FY? (s508a8)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 32
Format: numeric	Invalid: 465
Width: 9	Minimum: 0
Decimals: 2	Maximum: 200000
Range: 0-200000	

## Days to obtain building permit in the last 3 FY? (s508a9)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 7
Format: numeric	Invalid: 490
Width: 2	Minimum: 2
Decimals: 0	Maximum: 45
Range: 2-45	

## Number of agencies visited to obtain building permit in the last 3 FY? (s508a10)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 490
Width: 1	
Decimals: 0	
Range: 1-5	

## Total cost to obtain building permit in the last 3 FY? (s508a11)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 6
Format: numeric	Invalid: 491
Width: 9	Minimum: 150000
Decimals: 2	Maximum: 350000
Range: 150000-350000	

## Value of gifts/informal payments to obtain building permit in the last 3 FY? (s508a12)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 491
Width: 1	
Decimals: 0	
Range: 0-0	

## Days to obtain other permits in the last 3 FY? (s508a13)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 497
Width: 1	
Decimals: 0	

## Number of agencies visited to obtain other permits in the last 3 FY? (s508a14)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 497
Width: 1	
Decimals: 0	

## Total cost to obtain other permits in the last 3 FY? (s508a15)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 497
Width: 1	
Decimals: 0	

## Value of gifts/informal payments to obtain other permits in the last 3 FY? (s508a16)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 497
Width: 1	
Decimals: 0	

## Specify other (s508ax)

File: Benin\_2004\_2009\_2016

### Overview

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

## Have you used services of other companies to help you in your registration activ (s508b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 83
Format: numeric	Invalid: 414
Width: 1	
Decimals: 0	
Range: 1-2	

## obstacle regarding govt contracts: knowledge of public offerings (s5091)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 175
Format: numeric	Invalid: 322
Width: 1	
Decimals: 0	
Range: 0-4	

## obstacle regarding govt contracts: preconditions (s5092)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 174
Format: numeric	Invalid: 323
Width: 1	
Decimals: 0	
Range: 0-4	

## obstacle regarding govt contracts: transparency of invitation (s5093)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 175
Format: numeric	Invalid: 322
Width: 1	
Decimals: 0	
Range: 0-4	

## obstacle regarding govt contracts: realistic contracts with respect to capacity (s5094)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 174
Format: numeric	Invalid: 323
Width: 1	
Decimals: 0	
Range: 0-4	

## obstacle regarding govt contracts: realistic contracts with respect to time (s5095)

File: Benin\_2004\_2009\_2016

### Overview

## obstacle regarding govt contracts: realistic contracts with respect to time (s5095)

File: Benin\_2004\_2009\_2016

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

Valid cases: 175  
Invalid: 322

## obstacle regarding govt contracts: contract supervision (s5096)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 173  
Invalid: 324

## obstacle regarding govt contracts: respect of terms of payment (s5097)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 176  
Invalid: 321

## obstacle regarding govt contracts: degree of competition (s5098)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 174  
Invalid: 323

## obstacle regarding govt contracts: requests for informal unofficial gifts/paymen (s5099)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 171  
Invalid: 326

## tried to influence local authorities and legislation? (s510)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 196  
 Invalid: 301

Is there a gift expected to win a contract from the government?  
(s511a)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 181  
 Invalid: 316

What percentage of total sales are reported to tax authorities for  
firms like th (s512)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 177  
 Invalid: 320  
 Minimum: 0  
 Maximum: 100

What percentage of employees are reported to authorities for  
firms like this one (s513)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 180  
 Invalid: 317  
 Minimum: 0  
 Maximum: 100

## Officials' interpretation of laws consistent &amp; predictable (s514)

File: Benin\_2004\_2009\_2016

**Overview**

## Officials' interpretation of laws consistent & predictable (s514)

File: Benin\_2004\_2009\_2016

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

Valid cases: 194  
Invalid: 303

## confidence in the legal system to settle disputes and enforce contracts (s515)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 193  
Invalid: 304

## opinion on probability: attraction of FDI (s516a)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 193  
Invalid: 304

## opinion on probability: privatization of enterprises (s516b)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 194  
Invalid: 303

## opinion on probability: liberalization of trade (s516c)

File: Benin\_2004\_2009\_2016

### Overview

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

Valid cases: 192  
Invalid: 305

## opinion on probability: liberalization of currency regime (s516d)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 189  
 Invalid: 308

## opinion on probability: improvement in tax administration (s516e)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 193  
 Invalid: 304

## opinion on probability: flexibility in employing foreign workers (s516f)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 190  
 Invalid: 307

## opinion on probability: infrastructure improvements (s516g)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 194  
 Invalid: 303

## opinion on probability: investment incentives (s516h)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 193  
 Invalid: 304

## opinion on probability: reduction in bank loan interest rates (s516i)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 1-5	

## opinion on probability: promotion of local production (s516j)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 1-5	

## opinion on probability: increase in foreign exchange rate (s517a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 175
Format: numeric	Invalid: 322
Width: 1	
Decimals: 0	
Range: 1-5	

## opinion on probability: increase in inflation (s517b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 184
Format: numeric	Invalid: 313
Width: 1	
Decimals: 0	
Range: 1-5	

## opinion on probability: increase in overall taxes (s517c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 186
Format: numeric	Invalid: 311
Width: 1	
Decimals: 0	
Range: 1-5	

## opinion on probability: increase in GDP growth rate (s517d)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 176  
 Invalid: 321

## In last FY, have you used their services? (s518b)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 112  
 Invalid: 385

## value of government assistance in: financial assistance (s519a1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 35  
 Invalid: 462

## value of government assistance in: consulting (s519a2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 46  
 Invalid: 451

## value of government assistance in: technological development (s519a3)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 32  
 Invalid: 465

## value of government assistance in: export assistance & marketing (s519a4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 29
Format: numeric	Invalid: 468
Width: 1	
Decimals: 0	
Range: 1-4	

## value of government assistance in: preferential tax treatment (s519a5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 36
Format: numeric	Invalid: 461
Width: 1	
Decimals: 0	
Range: 1-4	

## value of government assistance in: other (s519a6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 490
Width: 1	
Decimals: 0	
Range: 1-4	

## Specify (s519ax)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 4
Format: character	Invalid: 0
Width: 57	

## Has this establishment received reimbursment on custom duties from the governme (s519b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 186
Format: numeric	Invalid: 311
Width: 1	
Decimals: 0	
Range: 1-2	

## How long did it take to receive the reimbursement? (s519b9)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 12
Format: numeric	Invalid: 485
Width: 2	Minimum: 5
Decimals: 0	Maximum: 30
Range: 5-30	

## Has this establishment received exemption from custom duties on goods from the g (s519b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 182
Format: numeric	Invalid: 315
Width: 1	
Decimals: 0	
Range: 1-2	

## Has this establishment received exemption from custom duties on capital from the (s519b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 182
Format: numeric	Invalid: 315
Width: 1	
Decimals: 0	
Range: 1-2	

## Has this establishment received tax deductions from the government? (s519b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 185
Format: numeric	Invalid: 312
Width: 1	
Decimals: 0	
Range: 1-2	

## Has this establishment received tax refunds from the government? (s519b5)

File: Benin\_2004\_2009\_2016

**Overview**

Has this establishment received tax refunds from the government?  
(s519b5)

File: Benin\_2004\_2009\_2016

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

Valid cases: 189  
Invalid: 308

How long did it take to receive the refund? (s519b10)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 20-720

Valid cases: 11  
Invalid: 486  
Minimum: 20  
Maximum: 720

Has this establishment received exemption from income taxes by  
the government? (s519b6)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 189  
Invalid: 308

Has this establishment received exemption from all taxes by the  
government? (s519b7)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 192  
Invalid: 305

Has this establishment received other benefits from the  
government? (s519b8)

File: Benin\_2004\_2009\_2016

#### Overview

Has this establishment received other benefits from the government? (s519b8)

File: Benin\_2004\_2009\_2016

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

Valid cases: 93  
Invalid: 404

How long did it take to receive the other benefit? (s519b11)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-15

Valid cases: 3  
Invalid: 494

Specify (s519bx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 62

Valid cases: 3  
Invalid: 0

cooperate with other producers in: exchange of raw material (s520a)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 194  
Invalid: 303

cooperate with other producers in: product development (s520b)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 194  
Invalid: 303

## cooperate with other producers in: marketing (s520c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 1-6	

## cooperate with other producers in: training employees (s520d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 1-6	

## cooperate with other producers in: purchase of inputs (s520e)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 193
Format: numeric	Invalid: 304
Width: 1	
Decimals: 0	
Range: 1-6	

## cooperate with other producers in: information (s520f)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 1	
Decimals: 0	
Range: 1-6	

## cooperate with other producers in: attracting investors (s520g)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 190
Format: numeric	Invalid: 307
Width: 1	
Decimals: 0	
Range: 1-6	

## cooperate with other producers in: sub-contracting (s520h)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 186  
 Invalid: 311

## cooperate with other producers in: other (s520i)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 3  
 Invalid: 494

## specify (s520ix)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 35

Valid cases: 2  
 Invalid: 0

## Primary other (s521ax)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 66

Valid cases: 25  
 Invalid: 0

## most important obstacle #2 (s521b)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 196  
 Invalid: 301  
 Minimum: 0  
 Maximum: 22

## Secondary other (s521bx)

File: Benin\_2004\_2009\_2016

**Overview**

## Secondary other (s521bx)

File: Benin\_2004\_2009\_2016

Type: Discrete  
 Format: character  
 Width: 59

Valid cases: 20  
 Invalid: 0

## most important obstacle #3 (s521c)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 196  
 Invalid: 301  
 Minimum: 0  
 Maximum: 22

## Tertiary other (s521cx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 67

Valid cases: 24  
 Invalid: 0

## 2001 % of annual sales from: direct exports (s601a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 0-100

Valid cases: 189  
 Invalid: 308  
 Minimum: 0  
 Maximum: 100

## 2001 % of annual sales from: indirect exports (s601b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0-98

Valid cases: 189  
 Invalid: 308  
 Minimum: 0  
 Maximum: 98

## 2002 % of annual sales due to re-exportation (s601c1)

File: Benin\_2004\_2009\_2016

**Overview**

## 2002 % of annual sales due to re-exportation (s601c1)

File: Benin\_2004\_2009\_2016

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

Valid cases: 189  
 Invalid: 308  
 Minimum: 0  
 Maximum: 100

## 2003 % of annual sales due to re-exportation (s601c2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 190  
 Invalid: 307  
 Minimum: 0  
 Maximum: 100

## 2001 % of annual sales from: national sales (s601d1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 0-100

Valid cases: 189  
 Invalid: 308  
 Minimum: 0  
 Maximum: 100

## Percentage of domestic sales to government (s602a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0-95

Valid cases: 190  
 Invalid: 307  
 Minimum: 0  
 Maximum: 95

## Percentage of domestic sales to state enterprises (s602b)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 190  
 Invalid: 307  
 Minimum: 0  
 Maximum: 80

## Percentage of domestic sales to multinationals (s602c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Percentage of domestic sales to parent/affiliates (s602d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

% of domestic sales to large domestic firms (> 300 workers)  
(s602e)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Percentage of domestic sales to other entities (s602f)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## produce on made-to-order basis? (s603)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

## % of sales from existing stocks (s604)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 182
Format: numeric	Invalid: 315
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % of sales from subcontracting (s605)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 185
Format: numeric	Invalid: 312
Width: 5	Minimum: 0
Decimals: 2	Maximum: 90
Range: 0-90	

## principle type of subcontracting (s606)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 58
Format: numeric	Invalid: 439
Width: 2	
Decimals: 0	
Range: 1-14	

## other specify (s606x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 5
Format: character	Invalid: 0
Width: 51	

## If not 2002, what year (s607y)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 495
Width: 4	
Decimals: 0	
Range: 2002-2002	

## units product-1 (s607b11x)

File: Benin\_2004\_2009\_2016

## units product-1 (s607b11x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 174
Format: character	Invalid: 0
Width: 25	

## Price of the product (s607b21)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 170
Format: numeric	Invalid: 327
Width: 12	Minimum: 18.3
Decimals: 2	Maximum: 421000032
Range: 18.3299999237061-421000032	

## quantity sold product 1 (s607c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 152
Format: numeric	Invalid: 345
Width: 10	Minimum: 6
Decimals: 2	Maximum: 4000000
Range: 6-4000000	

## value of sales product 1 (s607d1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 189
Format: numeric	Invalid: 308
Width: 14	Minimum: 48000
Decimals: 2	Maximum: 19658960896
Range: 48000-19658960896	

## % exported product 1 (s607e1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 183
Format: numeric	Invalid: 314
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## turnover rate product 1 (s607f1)

File: Benin\_2004\_2009\_2016

## turnover rate product 1 (s607f1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 184
Format: numeric	Invalid: 313
Width: 6	Minimum: 2
Decimals: 2	Maximum: 100
Range: 2-100	

## description product 2 (s607a12x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 174
Format: character	Invalid: 0
Width: 44	

## ISIC - product 2 (s607a22)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 162
Format: numeric	Invalid: 335
Width: 4	Minimum: 122
Decimals: 0	Maximum: 9000
Range: 122-9000	

## units product-2 (s607b12x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 154
Format: character	Invalid: 0
Width: 19	

## Price of product 2 (s607b22)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 11	Minimum: 45
Decimals: 2	Maximum: 40000000
Range: 45-40000000	

## quantity sold product 2 (s607c2)

File: Benin\_2004\_2009\_2016

**Overview**

## quantity sold product 2 (s607c2)

File: Benin\_2004\_2009\_2016

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 2  
 Range: 1-768000

Valid cases: 135  
 Invalid: 362  
 Minimum: 1  
 Maximum: 768000

## value of sales product 2 (s607d2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 100000-4404652032

Valid cases: 167  
 Invalid: 330  
 Minimum: 100000  
 Maximum: 4404652032

## % exported product 2 (s607e2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 0-100

Valid cases: 164  
 Invalid: 333  
 Minimum: 0  
 Maximum: 100

## turnover rate product 2 (s607f2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 0.469999998807907-100

Valid cases: 164  
 Invalid: 333  
 Minimum: 0.5  
 Maximum: 100

## description product 3 (s607a13x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 48

Valid cases: 135  
 Invalid: 0

## ISIC - product 3 (s607a23)

File: Benin\_2004\_2009\_2016

**Overview**

## ISIC - product 3 (s607a23)

### File: Benin\_2004\_2009\_2016

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 122-9000

Valid cases: 123  
 Invalid: 374  
 Minimum: 122  
 Maximum: 9000

## units product-3 (s607b13x)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
 Format: character  
 Width: 17

Valid cases: 122  
 Invalid: 0

## Price of product 3 (s607b23)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 2  
 Range: 20-20000000

Valid cases: 117  
 Invalid: 380  
 Minimum: 20  
 Maximum: 20000000

## quantity sold product 2 (s607c3)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 9  
 Decimals: 2  
 Range: 3-457574

Valid cases: 105  
 Invalid: 392  
 Minimum: 3  
 Maximum: 457574

## value of sales product 3 (s607d3)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 13680-9779250176

Valid cases: 129  
 Invalid: 368  
 Minimum: 13680  
 Maximum: 9779250176

## % exported product 3 (s607e3)

### File: Benin\_2004\_2009\_2016

#### Overview

## % exported product 3 (s607e3)

File: Benin\_2004\_2009\_2016

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0-100

Valid cases: 127  
Invalid: 370  
Minimum: 0  
Maximum: 100

## turnover rate product 3 (s607f3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0.200000002980232-100

Valid cases: 125  
Invalid: 372  
Minimum: 0.2  
Maximum: 100

## How many quantities of the main product were sold? (s607b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 2  
Range: 1-2426000

Valid cases: 138  
Invalid: 359  
Minimum: 1  
Maximum: 2426000

## What was the average price of the main product? (s607b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 13  
Decimals: 2  
Range: 25-2486340352

Valid cases: 171  
Invalid: 326  
Minimum: 25  
Maximum: 2486340352

## Main product line: firm's share of national market (s608b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0-100

Valid cases: 164  
Invalid: 333  
Minimum: 0  
Maximum: 100

## Days inventory of main input/supply at time of new delivery (s609)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 183
Format: numeric	Invalid: 314
Width: 3	Minimum: 0
Decimals: 0	Maximum: 360
Range: 0-360	

## % sales lost due to: delivery delays from suppliers--domestic (s610a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 186
Format: numeric	Invalid: 311
Width: 5	Minimum: 0
Decimals: 2	Maximum: 60
Range: 0-60	

## % sales lost due to: delivery delays from suppliers--exports (s610a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 5	Minimum: 0
Decimals: 2	Maximum: 25
Range: 0-25	

## % sales lost due to: transport problems domestic (s610b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 186
Format: numeric	Invalid: 311
Width: 5	Minimum: 0
Decimals: 2	Maximum: 10
Range: 0-10	

## % sales lost due to: other problems domestic (s610b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 173
Format: numeric	Invalid: 324
Width: 2	
Decimals: 0	
Range: 0-20	

## % sales lost due to: transport problems exports (s610c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 182
Format: numeric	Invalid: 315
Width: 5	Minimum: 0
Decimals: 2	Maximum: 30
Range: 0-30	

## % sales lost due to: other problems exports (s610c2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 171
Format: numeric	Invalid: 326
Width: 2	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	

## year (s611y)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 495
Width: 4	
Decimals: 0	
Range: 2002-2002	

## description: input #1 (s611a11x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 192
Format: character	Invalid: 0
Width: 26	

## ISIC - input 1 (s611a21)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 7
Format: numeric	Invalid: 490
Width: 4	Minimum: 36
Decimals: 0	Maximum: 5234
Range: 36-5234	

## unit of measure input #1 (s611b1x)

File: Benin\_2004\_2009\_2016

## unit of measure input #1 (s611b1x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 180
Format: character	Invalid: 0
Width: 26	

## quantity purchase input #1 (s611c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 142
Format: numeric	Invalid: 355
Width: 12	Minimum: 2
Decimals: 2	Maximum: 159687504
Range: 2-159687504	

## cost of purchase input #1 (s611d1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 185
Format: numeric	Invalid: 312
Width: 14	Minimum: 5340
Decimals: 2	Maximum: 14133497856
Range: 5340-14133497856	

Percentage imported compared to the value of the purchases  
input #1 (s611e1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 183
Format: numeric	Invalid: 314
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## as % of total annual purchases value input #1 (s611f1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 6	Minimum: 0.3
Decimals: 2	Maximum: 100
Range: 0.340000003576279-100	

## unit of measure input #2 (s611a12x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 175
Format: character	Invalid: 0
Width: 29	

## ISIC - input 2 (s611a22)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 2
Format: numeric	Invalid: 495
Width: 4	Minimum: 289
Decimals: 0	Maximum: 5234
Range: 289-5234	

## (s611b2x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 153
Format: character	Invalid: 0
Width: 19	

## quantity purchase input #2 (s611c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 115
Format: numeric	Invalid: 382
Width: 10	Minimum: 1
Decimals: 2	Maximum: 2000000
Range: 1-2000000	

## cost of purchase input #2 (s611d2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 167
Format: numeric	Invalid: 330
Width: 13	Minimum: 10500
Decimals: 2	Maximum: 1162585856
Range: 10500-1162585856	

## Percentage imported compared to the value of the purchases input #2 (s611e2)

File: Benin\_2004\_2009\_2016

## Percentage imported compared to the value of the purchases input #2 (s611e2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 164
Format: numeric	Invalid: 333
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## as % of total annual purchases value input #2 (s611f2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 158
Format: numeric	Invalid: 339
Width: 6	Minimum: 0.2
Decimals: 2	Maximum: 100
Range: 0.170000001788139-100	

## description: input #3 (s611a13x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 145
Format: character	Invalid: 0
Width: 46	

## ISIC - input 3 (s611a23)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 3
Format: numeric	Invalid: 494
Width: 4	Minimum: 289
Decimals: 0	Maximum: 5234
Range: 289-5234	

## unit of measure input #3 (s611b3x)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 130
Format: character	Invalid: 0
Width: 17	

## quantity purchase input #3 (s611c3)

File: Benin\_2004\_2009\_2016

## quantity purchase input #3 (s611c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 96
Format: numeric	Invalid: 401
Width: 10	Minimum: 1
Decimals: 2	Maximum: 4500000
Range: 1-4500000	

## cost of purchase input #3 (s611d3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 136
Format: numeric	Invalid: 361
Width: 13	Minimum: 4000
Decimals: 2	Maximum: 1440000000
Range: 4000-1440000000	

## Percentage imported compared to the value of the purchases input #3 (s611e3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 135
Format: numeric	Invalid: 362
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## as % of total annual purchases value input #3 (s611f3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 130
Format: numeric	Invalid: 367
Width: 6	Minimum: 0.1
Decimals: 2	Maximum: 100
Range: 0.0799999982118607-100	

## % of purchases--imported directly (s612a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 309
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Percent inputs & supplies imported directly (s612a2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % of purchases--imported indirectly (s612b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 309
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Percent inputs & supplies imported indirectly (s612b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % purchase from domestic firms (s612c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 309
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % purchase from domestic firms---local (s612c3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Percentage of supplies of lower than agreed quality (s613)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## How many days of inventory you keep? (s614)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 344
Width: 6	Minimum: 0
Decimals: 2	Maximum: 180
Range: 0-180	

## How many competitors are state owned? (s616a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 159
Format: numeric	Invalid: 338
Width: 4	
Decimals: 0	
Range: -555-6	

## How many competitors are private firms in Benin? (s616b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 180
Format: numeric	Invalid: 317
Width: 4	
Decimals: 0	
Range: -555-6	

## How many competitors are firms from neighboring countries producing in Benin? (s616c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 144
Format: numeric	Invalid: 353
Width: 4	
Decimals: 0	
Range: -555-6	

How many competitors are firms from other foriegn countries producing in Benin? (s616d)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -555-6

Valid cases: 143  
Invalid: 354

How many competitors are firms from private importers in Benin? (s616e)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -555-6

Valid cases: 160  
Invalid: 337

How many competitors are firms from foreign private importers? (s616f)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -555-6

Valid cases: 153  
Invalid: 344

How many competitors are informal firms? (s616g)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -555-6

Valid cases: 160  
Invalid: 337

What is the size of your competitor in employees? (s617)

File: Benin\_2004\_2009\_2016

#### Overview

What is the size of your competitor in employees? (s617)

File: Benin\_2004\_2009\_2016

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 3-1000

Valid cases: 83  
Invalid: 414  
Minimum: 3  
Maximum: 1000

According to you, which are the 2 independent factors which make your company mo (s618a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-16

Valid cases: 162  
Invalid: 335

specify (s618ax)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 32

Valid cases: 9  
Invalid: 0

According to you, which are the 2 independent factors which make your company mo (s618b)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-16

Valid cases: 162  
Invalid: 335

specify (s618bx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 56

Valid cases: 14  
Invalid: 0

which are the 2 independent factors which make your main competitor more competi (s619a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 154
Format: numeric	Invalid: 343
Width: 2	
Decimals: 0	
Range: 1-16	

specify (s619ax)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 11
Format: character	Invalid: 0
Width: 35	

which are the 2 independent factors which make your main competitor more competi (s619b)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 148
Format: numeric	Invalid: 349
Width: 2	
Decimals: 0	
Range: 1-16	

specify (s619bx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 14
Format: character	Invalid: 0
Width: 43	

Apart from prices, what is the most important factor for setting prices? (s620a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 179
Format: numeric	Invalid: 318
Width: 1	
Decimals: 0	
Range: 1-6	

## Specify other (s620ax)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 41
Format: character	Invalid: 0
Width: 80	

## How important are pressures from domestic competition for reduction of prices an (s620b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 183
Format: numeric	Invalid: 314
Width: 1	
Decimals: 0	
Range: 1-4	

## How important are pressures from foreign competition for reduction of prices and (s620b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 171
Format: numeric	Invalid: 326
Width: 1	
Decimals: 0	
Range: 1-4	

## How important are pressures from other competition for reduction of prices and d (s620b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 19
Format: numeric	Invalid: 478
Width: 1	
Decimals: 0	
Range: 1-4	

## Specify other (s620bx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 12
Format: character	Invalid: 0
Width: 43	

## How many new competitors entered in the last FY? (s621a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 84
Format: numeric	Invalid: 413
Width: 2	
Decimals: 0	
Range: 0-15	

## How many employees the new entrant has? (s621c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 25
Format: numeric	Invalid: 472
Width: 3	Minimum: 4
Decimals: 0	Maximum: 130
Range: 4-130	

## How many competitors left the market? (s621d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 61
Format: numeric	Invalid: 436
Width: 2	
Decimals: 0	
Range: 0-20	

## Is your firm competeing with firms that are not registered? (s622a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 1-2	

## What share of the market their sales represent? (s622b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 353
Width: 5	Minimum: 0.5
Decimals: 2	Maximum: 80
Range: 0.5-80	

How important is not paying taxes for informal firms to compete?  
(s622c1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 165  
Invalid: 332

How important is avoiding regulation for informal firms to compete? (s622c2)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 164  
Invalid: 333

How important is selling inferior products for informal firms to compete? (s622c3)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 152  
Invalid: 345

How important is low cost service for informal firms to compete? (s622c4)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 162  
Invalid: 335

How important is low cost of buildings for informal firms to compete? (s622c5)

File: Benin\_2004\_2009\_2016

**Overview**

How important is low cost of buildings for informal firms to compete? (s622c5)

File: Benin\_2004\_2009\_2016

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

Valid cases: 156  
Invalid: 341

How important is other for informal firms to compete? (s622c6)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 10  
Invalid: 487

Specify other (s622cx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 67

Valid cases: 2  
Invalid: 0

How many months ahead does your firm plans its investments? (s623)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 183  
Invalid: 314  
Minimum: 0  
Maximum: 90

Value of investments in land in 2001 (s624a1)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 2  
Range: 0-112500000

Valid cases: 193  
Invalid: 304  
Minimum: 0  
Maximum: 112500000

## land &amp; buildings purchased in 2000 (s624a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 305
Width: 12	Minimum: 0
Decimals: 2	Maximum: 400000000
Range: 0-400000000	

## value of equipment purchased in 2000 (s624a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1530952960
Range: 0-1530952960	

## % new equipment imported 2000 (s624a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 47
Format: numeric	Invalid: 450
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## value of equipment purchased in 2000 (s624a5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 11	Minimum: 0
Decimals: 2	Maximum: 45829100
Range: 0-45829100	

## % new equipment imported 2000 (s624a6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 16
Format: numeric	Invalid: 481
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## vehicles purchased in 2000 (s624a7)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 11	Minimum: 0
Decimals: 2	Maximum: 67972728
Range: 0-67972728	

## Value of investments in land in 2002 (s624b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 12	Minimum: 0
Decimals: 2	Maximum: 112500000
Range: 0-112500000	

## land &amp; buildings purchased in 2001 (s624b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 305
Width: 12	Minimum: 0
Decimals: 2	Maximum: 200000000
Range: 0-200000000	

## value of equipment purchased in 2001 (s624b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 14	Minimum: 0
Decimals: 2	Maximum: 16000000000
Range: 0-16000000000	

## % new equipment imported 2001 (s624b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 59
Format: numeric	Invalid: 438
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## value of equipment purchased in 2001 (s624b5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 305
Width: 12	Minimum: 0
Decimals: 2	Maximum: 179013280
Range: 0-179013280	

## % new equipment imported 2001 (s624b6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 26
Format: numeric	Invalid: 471
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## vehicles purchased in 2001 (s624b7)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 303
Width: 11	Minimum: 0
Decimals: 2	Maximum: 67164432
Range: 0-67164432	

## Value of investments in land in 2003 (s624c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 12	Minimum: 0
Decimals: 2	Maximum: 112500000
Range: 0-112500000	

## value of equipment purchased in 2002 (s624c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 14	Minimum: 0
Decimals: 2	Maximum: 14049999872
Range: 0-14049999872	

## % new equipment imported 2002 (s624c4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 64
Format: numeric	Invalid: 433
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## value of equipment purchased in 2002 (s624c5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 305
Width: 11	Minimum: 0
Decimals: 2	Maximum: 74086672
Range: 0-74086672	

## % new equipment imported 2002 (s624c6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 38
Format: numeric	Invalid: 459
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## vehicles purchased in 2002 (s624c7)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 303
Width: 12	Minimum: 0
Decimals: 2	Maximum: 105790000
Range: 0-105790000	

## Percentage of land owned (s625a1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 178
Format: numeric	Invalid: 319
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Percentage of buildings owned (s625a2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Percentage of land leased or rented (s625b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 178
Format: numeric	Invalid: 319
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Percentage of buildings leased or rented (s625b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Average length of contract for rent/lease of land (s625b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 41
Format: numeric	Invalid: 456
Width: 2	Minimum: 1
Decimals: 0	Maximum: 99
Range: 1-99	

## Average length of rental contract for buildings (s625b4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 47
Format: numeric	Invalid: 450
Width: 5	Minimum: 0.5
Decimals: 2	Maximum: 99
Range: 0.5-99	

## remaining lease of land (s625b5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 40
Format: numeric	Invalid: 457
Width: 5	Minimum: 0
Decimals: 2	Maximum: 97
Range: 0-97	

## remaining lease of building (s625b6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 46
Format: numeric	Invalid: 451
Width: 5	Minimum: 0
Decimals: 2	Maximum: 97
Range: 0-97	

## renewable (s625b7)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 50
Format: numeric	Invalid: 447
Width: 1	
Decimals: 0	
Range: 1-2	

## renewable (s625b8)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 52
Format: numeric	Invalid: 445
Width: 1	
Decimals: 0	
Range: 1-2	

## Has your establishment attempted to acquired new land or buildings in last 3 yea (s626)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-2	

Has your establishment failed in its attempt to acquire new land/buildings? (s627)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 490
Width: 1	
Decimals: 0	
Range: 1-2	

Did you fail because the government refused to sell? (s628a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 491
Width: 1	
Decimals: 0	
Range: 1-2	

Did you fail because you couldn't obtain permission? (s628b)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 491
Width: 1	
Decimals: 0	
Range: 1-2	

Did you fail because you couldn't obtain land title? (s628c)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 491
Width: 1	
Decimals: 0	
Range: 1-2	

Did you fail because the government doesn't provide infrastructure? (s628d)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 491
Width: 1	
Decimals: 0	
Range: 1-2	

Did you fail because the price is too high? (s628e)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 491
Width: 1	
Decimals: 0	
Range: 1-2	

How many weeks did the whole process of acquisition took, from the very beginnin (s629a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 58
Format: numeric	Invalid: 439
Width: 3	Minimum: 1
Decimals: 0	Maximum: 156
Range: 1-156	

What were the transaction costs for lawyers/registration/etc. involved in the a (s629b1)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 34
Format: numeric	Invalid: 463
Width: 11	Minimum: 39000
Decimals: 2	Maximum: 15755700
Range: 39000-15755700	

What were the informal payments involved in the acquisiton? (in LCU) (s629b2)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 51
Format: numeric	Invalid: 446
Width: 10	Minimum: 0
Decimals: 2	Maximum: 3000000
Range: 0-3000000	

did you sell buildings, equipment or vehicles in the past 2 years (s630)

File: Benin\_2004\_2009\_2016

#### Overview

did you sell buildings, equipment or vehicles in the past 2 years  
(s630)

File: Benin\_2004\_2009\_2016

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

Valid cases: 197  
Invalid: 300

value of sale--land & buildings 2001 (s631a1)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 0  
Invalid: 497

value of sale--land & buildings 2002 (s631a2)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 0  
Invalid: 497

Value of sale -- land and buldings 2003 (s631a3)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 2  
Range: 500000-92500000

Valid cases: 2  
Invalid: 495  
Minimum: 500000  
Maximum: 92500000

value of sale--equipment 2001 (s631b1)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 2  
Range: 16020769-16020769

Valid cases: 1  
Invalid: 496

value of sale--equipment 2002 (s631b2)

File: Benin\_2004\_2009\_2016

## value of sale--equipment 2002 (s631b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 1
Format: numeric	Invalid: 496
Width: 11	
Decimals: 2	
Range: 10366400-10366400	

## Value of sale -- equipment 2003 (s631b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 3
Format: numeric	Invalid: 494
Width: 12	Minimum: 1500000
Decimals: 2	Maximum: 161590512
Range: 1500000-161590512	

## value of sale--vehicles 2001 (s631c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 4
Format: numeric	Invalid: 493
Width: 11	Minimum: 1200000
Decimals: 2	Maximum: 18070000
Range: 1200000-18070000	

## value of sale--vehicles 2002 (s631c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 9
Format: numeric	Invalid: 488
Width: 10	Minimum: 350000
Decimals: 2	Maximum: 9750000
Range: 350000-9750000	

## Value of sale -- vehicles 2003 (s631c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 10
Format: numeric	Invalid: 487
Width: 11	Minimum: 650000
Decimals: 2	Maximum: 22700000
Range: 650000-22700000	

## cost of machine &amp; equipment rental 2001 (s632a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 10	Minimum: 0
Decimals: 2	Maximum: 8574733
Range: 0-8574733	

## cost of machine &amp; equipment rental 2002 (s632a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 151
Format: numeric	Invalid: 346
Width: 11	Minimum: 0
Decimals: 2	Maximum: 70050736
Range: 0-70050736	

## Cost of renting equipment 2003 (s632a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 152
Format: numeric	Invalid: 345
Width: 12	Minimum: 0
Decimals: 2	Maximum: 197784256
Range: 0-197784256	

## cost of land &amp; building rental 2001 (s632b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 156
Format: numeric	Invalid: 341
Width: 11	Minimum: 0
Decimals: 2	Maximum: 72000000
Range: 0-72000000	

## cost of land &amp; building rental 2002 (s632b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 158
Format: numeric	Invalid: 339
Width: 11	Minimum: 0
Decimals: 2	Maximum: 79001944
Range: 0-79001944	

## Cost of renting land/building 2003 (s632b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 159
Format: numeric	Invalid: 338
Width: 11	Minimum: 0
Decimals: 2	Maximum: 76071976
Range: 0-76071976	

## cost of vehicle rental 2001 (s632b4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 142
Format: numeric	Invalid: 355
Width: 11	Minimum: 0
Decimals: 2	Maximum: 17296140
Range: 0-17296140	

## cost of vehicle rental 2002 (s632b5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 143
Format: numeric	Invalid: 354
Width: 11	Minimum: 0
Decimals: 2	Maximum: 17296140
Range: 0-17296140	

## Cost of renting vehicle 2003 (s632b6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 353
Width: 11	Minimum: 0
Decimals: 2	Maximum: 17296140
Range: 0-17296140	

## cost of royalties & licenses 2001 (s632c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 142
Format: numeric	Invalid: 355
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1726445952
Range: 0-1726445952	

## cost of royalties &amp; licenses 2002 (s632c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 142
Format: numeric	Invalid: 355
Width: 13	Minimum: 0
Decimals: 2	Maximum: 2735150592
Range: 0-2735150592	

## Cost of renting licenses 2003 (s632c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 353
Width: 13	Minimum: 0
Decimals: 2	Maximum: 2735150592
Range: 0-2735150592	

## % of equipment &amp; machines age: 0-4years (s633a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 189
Format: numeric	Invalid: 308
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## year of use left of equipment &amp; machines age: 0-4years (s633a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 120
Format: numeric	Invalid: 377
Width: 5	Minimum: 0
Decimals: 2	Maximum: 30
Range: 0-30	

## % of equipment &amp; machines age: 5-10years (s633b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 189
Format: numeric	Invalid: 308
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## year of use left of equipment &amp; machines age: 5-10years (s633b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 369
Width: 5	Minimum: 0
Decimals: 2	Maximum: 25
Range: 0-25	

## % of equipment &amp; machines age: 11-20 years (s633c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 189
Format: numeric	Invalid: 308
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## year of use left of equipment &amp; machines age: 11-20 years (s633c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 61
Format: numeric	Invalid: 436
Width: 2	Minimum: 0
Decimals: 0	Maximum: 25
Range: 0-25	

## % of equipment &amp; machines age: 21+ years (s633d1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 189
Format: numeric	Invalid: 308
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## year of use left of equipment &amp; machines age: 21+ years (s633d2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 19
Format: numeric	Invalid: 478
Width: 2	
Decimals: 0	
Range: 0-20	

## level of utilization in 2001 (s634a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 309
Width: 3	Minimum: 10
Decimals: 0	Maximum: 150
Range: 10-150	

## What is your plan for the next 2 years? (s634c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 1-4	

Please estimate the change in production capacity (percent)  
(s634d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 170
Format: numeric	Invalid: 327
Width: 3	Minimum: 2
Decimals: 0	Maximum: 100
Range: 2-100	

Which would have been the resale value of all your machines and  
equipment at the (s636)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 180
Format: numeric	Invalid: 317
Width: 14	Minimum: 250000
Decimals: 2	Maximum: 16000000000
Range: 250000-16000000000	

Which would have been the replacement cost of all your buildings  
and land at the (s637)

File: Benin\_2004\_2009\_2016

**Overview**

Which would have been the replacement cost of all your buildings and land at the (s637)

File: Benin\_2004\_2009\_2016

Type: Continuous  
Format: numeric  
Width: 14  
Decimals: 2  
Range: 360000-15000000512

Valid cases: 155  
Invalid: 342  
Minimum: 360000  
Maximum: 15000000512

how much would it cost to rent the land and buildings you own? (s638)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 2  
Range: 20000-720000000

Valid cases: 136  
Invalid: 361  
Minimum: 20000  
Maximum: 720000000

do you use annual accounting (s639)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 197  
Invalid: 300

do you prepare annual budgets (s640)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 197  
Invalid: 300

Do you use an accountant? (s641)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 188  
Invalid: 309

## do you control annual budgets (s642)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 191
Format: numeric	Invalid: 306
Width: 1	
Decimals: 0	
Range: 1-2	

## date of end of fiscal year (s643)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 194
Format: character	Invalid: 0
Width: 5	

How many times have you produced financial accounts this FY?  
(s645a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 165
Format: numeric	Invalid: 332
Width: 1	
Decimals: 0	
Range: 1-2	

How many times have you produced financial accounts the last 3  
FY? (s645b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 166
Format: numeric	Invalid: 331
Width: 1	
Decimals: 0	
Range: 1-2	

How many times have you produced financial accounts for more  
than 3 FY? (s645c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 168
Format: numeric	Invalid: 329
Width: 1	
Decimals: 0	
Range: 1-2	

## Do you have financial or budget projections? (s646)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 185
Format: numeric	Invalid: 312
Width: 1	
Decimals: 0	
Range: 1-2	

## Do you have projections for this year? (s647a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 103
Format: numeric	Invalid: 394
Width: 1	
Decimals: 0	
Range: 1-2	

## Do you have projections for next year? (s647b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 102
Format: numeric	Invalid: 395
Width: 1	
Decimals: 0	
Range: 1-2	

## Do you have projections for next 2 years? (s647c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 102
Format: numeric	Invalid: 395
Width: 1	
Decimals: 0	
Range: 1-2	

## Do you have projections for next 3 years? (s647d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 102
Format: numeric	Invalid: 395
Width: 1	
Decimals: 0	
Range: 1-2	

## Have you ever been late in repaying a loan? (s648)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 187
Format: numeric	Invalid: 310
Width: 1	
Decimals: 0	
Range: 1-2	

## total sales 2001 (s649b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 187
Format: numeric	Invalid: 310
Width: 14	Minimum: 1800000
Decimals: 2	Maximum: 19729315840
Range: 1800000-19729315840	

## total value of manufactured production 2002 (s650a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 171
Format: numeric	Invalid: 326
Width: 14	Minimum: 0
Decimals: 2	Maximum: 16648913920
Range: 0-16648913920	

## total value of manufactured production 2001 (s650b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 182
Format: numeric	Invalid: 315
Width: 14	Minimum: 0
Decimals: 2	Maximum: 28809500672
Range: 0-28809500672	

## total value of manufactured production 2000 (s650c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 183
Format: numeric	Invalid: 314
Width: 14	Minimum: 0
Decimals: 2	Maximum: 19656054784
Range: 0-19656054784	

## Total costs of production of the manufactured goods? 2001 (s651b) File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 155
Format: numeric	Invalid: 342
Width: 14	Minimum: 0
Decimals: 2	Maximum: 11612171264
Range: 0-11612171264	

## Total costs of production of the manufactured goods? 2000 (s651c) File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 155
Format: numeric	Invalid: 342
Width: 14	Minimum: 0
Decimals: 2	Maximum: 13957682176
Range: 0-13957682176	

## % sold manuf goods from existing inventory 2002 (s652a1) File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 162
Format: numeric	Invalid: 335
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % sold manuf goods from existing inventory 2001 (s652b1) File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 171
Format: numeric	Invalid: 326
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## % sold manuf goods from existing inventory 2000 (s652c1) File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 176
Format: numeric	Invalid: 321
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Value of inventory products finished in 2001? (s652a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 147
Format: numeric	Invalid: 350
Width: 12	Minimum: 0
Decimals: 2	Maximum: 623433088
Range: 0-623433088	

## Value of inventory products finished in 2002? (s652b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 155
Format: numeric	Invalid: 342
Width: 12	Minimum: 0
Decimals: 2	Maximum: 625169216
Range: 0-625169216	

## Value of inventory products finished in 2003? (s652c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 156
Format: numeric	Invalid: 341
Width: 13	Minimum: 0
Decimals: 2	Maximum: 3363942912
Range: 0-3363942912	

## value of sales in state 2002 (s653a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 165
Format: numeric	Invalid: 332
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1331012224
Range: 0-1331012224	

## value of sales in state 2001 (s653b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 174
Format: numeric	Invalid: 323
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1956317952
Range: 0-1956317952	

## value of sales in state 2000 (s653c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 174
Format: numeric	Invalid: 323
Width: 13	Minimum: 0
Decimals: 2	Maximum: 3182663936
Range: 0-3182663936	

## value of services in 2002 (s654a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 165
Format: numeric	Invalid: 332
Width: 12	Minimum: 0
Decimals: 2	Maximum: 699401152
Range: 0-699401152	

## value of services in 2001 (s654b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 12	Minimum: 0
Decimals: 2	Maximum: 647105024
Range: 0-647105024	

## value of services in 2000 (s654c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 175
Format: numeric	Invalid: 322
Width: 12	Minimum: 0
Decimals: 2	Maximum: 730026112
Range: 0-730026112	

## Total operating costs excluding energy and labor in 2001? (s655a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 170
Format: numeric	Invalid: 327
Width: 13	Minimum: 0
Decimals: 2	Maximum: 9721351168
Range: 0-9721351168	

## Total operating costs excluding energy and labor in 2002? (s655b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 183
Format: numeric	Invalid: 314
Width: 14	Minimum: 0
Decimals: 2	Maximum: 11665620992
Range: 0-11665620992	

## Total operating costs excluding energy and labor in 2003? (s655c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 185
Format: numeric	Invalid: 312
Width: 14	Minimum: 0
Decimals: 2	Maximum: 13998745600
Range: 0-13998745600	

## Purchase of raw materials, excluding energy in 2001? (s655a2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 164
Format: numeric	Invalid: 333
Width: 13	Minimum: 0
Decimals: 2	Maximum: 3292016640
Range: 0-3292016640	

## Purchase of raw materials, excluding energy in 2002? (s655b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 176
Format: numeric	Invalid: 321
Width: 13	Minimum: 0
Decimals: 2	Maximum: 3429718272
Range: 0-3429718272	

## Other operating costs, excluding energy and labor in 2001? (s655a3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 139
Format: numeric	Invalid: 358
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1645323776
Range: 0-1645323776	

## Other operating costs, excluding energy and labor in 2002? (s655b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 149
Format: numeric	Invalid: 348
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1237793408
Range: 0-1237793408	

## Other operating costs, excluding energy and labor in 2003? (s655c3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 344
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1315679488
Range: 0-1315679488	

## energy costs--2002 (s656a1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 13	Minimum: 10500
Decimals: 2	Maximum: 2309414912
Range: 10500-2309414912	

## energy costs--2001 (s656b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 183
Format: numeric	Invalid: 314
Width: 13	Minimum: 10500
Decimals: 2	Maximum: 7965092864
Range: 10500-7965092864	

## energy costs--2000 (s656c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 13	Minimum: 3650
Decimals: 2	Maximum: 6713606144
Range: 3650-6713606144	

## electricity costs--2001 (s656b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 179
Format: numeric	Invalid: 318
Width: 13	Minimum: 0
Decimals: 2	Maximum: 2711095040
Range: 0-2711095040	

## electricity costs--2000 (s656c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 186
Format: numeric	Invalid: 311
Width: 13	Minimum: 0
Decimals: 2	Maximum: 2405043968
Range: 0-2405043968	

## petrol &amp; oil costs--2002 (s656a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 169
Format: numeric	Invalid: 328
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1254073984
Range: 0-1254073984	

## petrol &amp; oil costs--2001 (s656b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 179
Format: numeric	Invalid: 318
Width: 13	Minimum: 0
Decimals: 2	Maximum: 5153711104
Range: 0-5153711104	

## petrol &amp; oil costs--2000 (s656c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 186
Format: numeric	Invalid: 311
Width: 13	Minimum: 0
Decimals: 2	Maximum: 4223684096
Range: 0-4223684096	

## other energy costs--2002 (s656a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 159
Format: numeric	Invalid: 338
Width: 12	Minimum: 0
Decimals: 2	Maximum: 304646752
Range: 0-304646752	

## other energy costs--2002 (s656a4x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 2
Format: character	Invalid: 0
Width: 36	

## other energy costs--2001 (s656b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 168
Format: numeric	Invalid: 329
Width: 12	Minimum: 0
Decimals: 2	Maximum: 395686592
Range: 0-395686592	

## other energy costs--2001 (s656b4x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 2
Format: character	Invalid: 0
Width: 36	

## other energy costs--2000 (s656c4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 164
Format: numeric	Invalid: 333
Width: 12	Minimum: 0
Decimals: 2	Maximum: 461010496
Range: 0-461010496	

## other energy costs--2000 (s656c4x)

File: Benin\_2004\_2009\_2016

**Overview**

## other energy costs--2000 (s656c4x)

File: Benin\_2004\_2009\_2016

Type: Discrete  
 Format: character  
 Width: 36

Valid cases: 2  
 Invalid: 0

## Personnel costs--2002 (s657a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 100000-1732132992

Valid cases: 163  
 Invalid: 334  
 Minimum: 100000  
 Maximum: 1732132992

## Personnel costs--2001 (s657b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 120000-1520962048

Valid cases: 176  
 Invalid: 321  
 Minimum: 120000  
 Maximum: 1520962048

## Personnel costs--2000 (s657c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 120797-1632000000

Valid cases: 183  
 Invalid: 314  
 Minimum: 120797  
 Maximum: 1632000000

## salaries--2002 (s657a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 200000-1170932992

Valid cases: 156  
 Invalid: 341  
 Minimum: 200000  
 Maximum: 1170932992

## salaries--2001 (s657b2)

File: Benin\_2004\_2009\_2016

**Overview**

## salaries--2001 (s657b2)

File: Benin\_2004\_2009\_2016

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 85990-1143711872

Valid cases: 168  
 Invalid: 329  
 Minimum: 85990  
 Maximum: 1143711872

## salaries--2000 (s657c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 2  
 Range: 250000-1044000000

Valid cases: 175  
 Invalid: 322  
 Minimum: 250000  
 Maximum: 1044000000

## benefits &amp; bonuses-2002 (s657a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 2  
 Range: 0-463000000

Valid cases: 157  
 Invalid: 340  
 Minimum: 0  
 Maximum: 463000000

## benefits &amp; bonuses-2001 (s657b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 2  
 Range: 0-344194752

Valid cases: 163  
 Invalid: 334  
 Minimum: 0  
 Maximum: 344194752

## benefits &amp; bonuses-2000 (s657c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 2  
 Range: 0-520000000

Valid cases: 171  
 Invalid: 326  
 Minimum: 0  
 Maximum: 520000000

## employer costs 2002 (s657a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 152
Format: numeric	Invalid: 345
Width: 12	Minimum: 0
Decimals: 2	Maximum: 532336192
Range: 0-532336192	

## employer costs 2001 (s657b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 165
Format: numeric	Invalid: 332
Width: 12	Minimum: 0
Decimals: 2	Maximum: 571365440
Range: 0-571365440	

## employer costs 2000 (s657c4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 12	Minimum: 0
Decimals: 2	Maximum: 630285248
Range: 0-630285248	

## interest payments--2002 (s658a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 337
Width: 12	Minimum: 0
Decimals: 2	Maximum: 864728000
Range: 0-864728000	

## interest payments--2001 (s658b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 170
Format: numeric	Invalid: 327
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1051542464
Range: 0-1051542464	

## interest payments--2000 (s658c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 175
Format: numeric	Invalid: 322
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1023074112
Range: 0-1023074112	

## other costs--2002 (s659a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 152
Format: numeric	Invalid: 345
Width: 12	Minimum: 0
Decimals: 2	Maximum: 170000912
Range: 0-170000912	

## other costs--2002 (s659ax)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 27
Format: character	Invalid: 0
Width: 30	

## other costs--2001 (s659b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 164
Format: numeric	Invalid: 333
Width: 12	Minimum: 0
Decimals: 2	Maximum: 180733616
Range: 0-180733616	

## other costs--2001 (s659bx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 27
Format: character	Invalid: 0
Width: 30	

## other costs--2000 (s659c)

File: Benin\_2004\_2009\_2016

**Overview**

## other costs--2000 (s659c)

### File: Benin\_2004\_2009\_2016

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 2  
 Range: 0-214690816

Valid cases: 160  
 Invalid: 337  
 Minimum: 0  
 Maximum: 214690816

## other costs--2000 (s659cx)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
 Format: character  
 Width: 30

Valid cases: 29  
 Invalid: 0

## depreciation 2002 (s660a1)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 14  
 Decimals: 2  
 Range: 0-10758947840

Valid cases: 154  
 Invalid: 343  
 Minimum: 0  
 Maximum: 10758947840

## depreciation 2001 (s660b1)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 14  
 Decimals: 2  
 Range: 0-18301990912

Valid cases: 160  
 Invalid: 337  
 Minimum: 0  
 Maximum: 18301990912

## depreciation 2000 (s660c1)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 14  
 Decimals: 2  
 Range: 0-21081231360

Valid cases: 165  
 Invalid: 332  
 Minimum: 0  
 Maximum: 21081231360

## depreciation 2002 land & buildings (s660a2)

### File: Benin\_2004\_2009\_2016

#### Overview

## depreciation 2002 land &amp; buildings (s660a2)

File: Benin\_2004\_2009\_2016

Type: Continuous	Valid cases: 159
Format: numeric	Invalid: 338
Width: 12	Minimum: 0
Decimals: 2	Maximum: 393391616
Range: 0-393391616	

## depreciation 2001 land &amp; buildings (s660b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 168
Format: numeric	Invalid: 329
Width: 12	Minimum: 0
Decimals: 2	Maximum: 426994176
Range: 0-426994176	

## depreciation 2000 land &amp; buildings (s660c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 171
Format: numeric	Invalid: 326
Width: 12	Minimum: 0
Decimals: 2	Maximum: 530150272
Range: 0-530150272	

## depreciation 2002 machines &amp; equipment (s660a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 150
Format: numeric	Invalid: 347
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1010525248
Range: 0-1010525248	

## depreciation 2001 machines &amp; equipment (s660b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 337
Width: 13	Minimum: 0
Decimals: 2	Maximum: 2153822720
Range: 0-2153822720	

## depreciation 2000 machines &amp; equipment (s660c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 337
Width: 13	Minimum: 0
Decimals: 2	Maximum: 2589526272
Range: 0-2589526272	

## Net book value of machinery and equipment in 2001 (s660a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 136
Format: numeric	Invalid: 361
Width: 13	Minimum: 0
Decimals: 2	Maximum: 8593883136
Range: 0-8593883136	

## Net book value of machinery and equipment in 2002 (s660b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 145
Format: numeric	Invalid: 352
Width: 14	Minimum: 0
Decimals: 2	Maximum: 16110222336
Range: 0-16110222336	

## Net book value of buildings in 2001 (s660a5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 353
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1490632832
Range: 0-1490632832	

## Net book value of buildings in 2002 (s660b5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 152
Format: numeric	Invalid: 345
Width: 13	Minimum: 0
Decimals: 2	Maximum: 1356273280
Range: 0-1356273280	

## Net book value of buildings in 2003 (s660c5)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 156
Format: numeric	Invalid: 341
Width: 13	Minimum: 0
Decimals: 2	Maximum: 3000000000
Range: 0-3000000000	

## Net book value of land in 2001 (s660a6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 145
Format: numeric	Invalid: 352
Width: 12	Minimum: 0
Decimals: 2	Maximum: 604586560
Range: 0-604586560	

## Net book value of land in 2002 (s660b6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 153
Format: numeric	Invalid: 344
Width: 12	Minimum: 0
Decimals: 2	Maximum: 594724736
Range: 0-594724736	

## Net book value of land in 2003 (s660c6)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 156
Format: numeric	Invalid: 341
Width: 12	Minimum: 0
Decimals: 2	Maximum: 584862976
Range: 0-584862976	

## Total assets in 2002 (s661b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 127
Format: numeric	Invalid: 370
Width: 14	Minimum: 250000
Decimals: 2	Maximum: 22406731776
Range: 250000-22406731776	

## Total assets in 2003 (s661c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 369
Width: 14	Minimum: 318000
Decimals: 2	Maximum: 26940491776
Range: 318000-26940491776	

## Receivable assets in 2002 (s661b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 353
Width: 14	Minimum: 0
Decimals: 2	Maximum: 12373390336
Range: 0-12373390336	

## Receivable assets in 2003 (s661c2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 143
Format: numeric	Invalid: 354
Width: 14	Minimum: 0
Decimals: 2	Maximum: 10860090368
Range: 0-10860090368	

## Total liabilities in 2002 (s662b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 125
Format: numeric	Invalid: 372
Width: 14	Minimum: 250000
Decimals: 2	Maximum: 22406731776
Range: 250000-22406731776	

## Total liabilities in 2003 (s662c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 127
Format: numeric	Invalid: 370
Width: 14	Minimum: 318000
Decimals: 2	Maximum: 26940491776
Range: 318000-26940491776	

## Long term debts in 2002 (s662b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 138
Format: numeric	Invalid: 359
Width: 14	Minimum: 0
Decimals: 2	Maximum: 12613966848
Range: 0-12613966848	

## Long term debts in 2003 (s662c2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 137
Format: numeric	Invalid: 360
Width: 14	Minimum: 0
Decimals: 2	Maximum: 14277588992
Range: 0-14277588992	

## Short term debts in 2002 (s662b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 135
Format: numeric	Invalid: 362
Width: 14	Minimum: 0
Decimals: 2	Maximum: 12223101952
Range: 0-12223101952	

## Short term debts in 2003 (s662c3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 135
Format: numeric	Invalid: 362
Width: 14	Minimum: 0
Decimals: 2	Maximum: 11325575168
Range: 0-11325575168	

## what were sales in 1997 (s663)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 34
Format: numeric	Invalid: 463
Width: 13	Minimum: 70000
Decimals: 2	Maximum: 2947000064
Range: 70000-2947000064	

What percentage of turnover was net profits in the last fiscal year?  
(s664a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 156
Format: numeric	Invalid: 341
Width: 5	Minimum: 0
Decimals: 2	Maximum: 75
Range: 0-75	

% of profits reinvested (s664b)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 134
Format: numeric	Invalid: 363
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

If one of your suppliers is abusing another company, would you like to know? (s666)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 1-2	

If one of your clients is abusing another company, would you like to know? (s667)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 1-2	

Last FY, what percentage of your monthly sales to private customers involved lat (s668a)

File: Benin\_2004\_2009\_2016

#### Overview

Last FY, what percentage of your monthly sales to private customers involved lat (s668a)

File: Benin\_2004\_2009\_2016

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

Generally, what share of these late payments is ultimately never paid? (s668b)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 176
Format: numeric	Invalid: 321
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

How long is generally necessary to resolve a late payment problem? (s669)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 157
Format: numeric	Invalid: 340
Width: 6	Minimum: 0
Decimals: 2	Maximum: 720
Range: 0-720	

Do you use intermediaries to solve late payment problems? (s670a1)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 169
Format: numeric	Invalid: 328
Width: 1	
Decimals: 0	
Range: 1-2	

Do you use arbitration or mediation for late payments? (s670a2)

File: Benin\_2004\_2009\_2016

#### Overview

## Do you use arbitration or mediation for late payments? (s670a2)

File: Benin\_2004\_2009\_2016

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

Valid cases: 18  
 Invalid: 479

## Do you use commercial courts for late payments? (s670a3)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 19  
 Invalid: 478

## Do you use other for late payments? (s670a4)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 7  
 Invalid: 490

## Specify other (s670a4x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 23

Valid cases: 3  
 Invalid: 0

## What percentage of contentious payments have been recovered thorough commercial c (s670b)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 128  
 Invalid: 369  
 Minimum: 0  
 Maximum: 80

Are informal payments to courts required to resolve disputes?  
(s670c)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 47
Format: numeric	Invalid: 450
Width: 1	
Decimals: 0	
Range: 1-2	

On average, how many weeks is needed to resolve such a dispute?  
(s670d1)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 466
Width: 3	Minimum: 0
Decimals: 0	Maximum: 105
Range: 0-105	

How many weeks is needed to resolve through arbitration or mediation? (s670d2)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 38
Format: numeric	Invalid: 459
Width: 3	Minimum: 0
Decimals: 0	Maximum: 164
Range: 0-164	

How many weeks is needed to resolve through commercial courts?  
(s670d3)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 5
Format: numeric	Invalid: 492
Width: 1	
Decimals: 0	
Range: 0-5	

How many weeks is needed to resolve through other? (s670d3x)

File: Benin\_2004\_2009\_2016

#### Overview

How many weeks is needed to resolve through other? (s670d3x)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: character  
Width: 21

Valid cases: 2  
Invalid: 0

Specify other (s670e)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 40  
Invalid: 457

Generally, regardless of the outcome, are judgements actually enforced? (s671)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 181  
Invalid: 316

Has this establishment been involved in a legal case in the last 3 FY? (s701)

File: Benin\_2004\_2009\_2016

#### Overview

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

Valid cases: 196  
Invalid: 301

if yes what % of inputs was bought on credit (s702)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 5-100

Valid cases: 109  
Invalid: 388  
Minimum: 5  
Maximum: 100

what were the terms of credit (s703)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 111
Format: numeric	Invalid: 386
Width: 3	Minimum: 14
Decimals: 0	Maximum: 180
Range: 14-180	

Have you received requests for gifts or informal payments when applying for a lo (s704)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 190
Format: numeric	Invalid: 307
Width: 1	
Decimals: 0	
Range: 1-2	

Last year, what was the average monthly interest rate for this overdraft / credi (s706)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 31
Format: numeric	Invalid: 466
Width: 5	Minimum: 0.7
Decimals: 2	Maximum: 13.5
Range: 0.660000026226044-13.5	

what is the maximum overdraft authorized? (s707)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 40
Format: numeric	Invalid: 457
Width: 13	Minimum: 800000
Decimals: 2	Maximum: 8000000000
Range: 800000-8000000000	

What percentage is currently not used? (s708)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 38
Format: numeric	Invalid: 459
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## how did your limit change (s709)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 41
Format: numeric	Invalid: 456
Width: 1	
Decimals: 0	
Range: 1-3	

## if limit increased, how much (s710)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 12
Format: numeric	Invalid: 485
Width: 13	Minimum: 1000000
Decimals: 2	Maximum: 2000000000
Range: 1000000-2000000000	

## How much had you asked for (s711)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 11
Format: numeric	Invalid: 486
Width: 13	Minimum: 2000000
Decimals: 2	Maximum: 2000000000
Range: 2000000-2000000000	

## Was a guarantee requested for the most recent overdraft/credit line? (s712a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 43
Format: numeric	Invalid: 454
Width: 1	
Decimals: 0	
Range: 1-2	

## What kind of guarantee? (s712b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 40
Format: numeric	Invalid: 457
Width: 1	
Decimals: 0	
Range: 1-4	

## Specify other (s712bx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 42

Valid cases: 8  
 Invalid: 0

## Specify other (s715x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 75

Valid cases: 8  
 Invalid: 0

## Was your application rejected? (s716a)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 78  
 Invalid: 419

## reasons for rejection (s716b1)

File: Benin\_2004\_2009\_2016

**Overview**

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

Valid cases: 11  
 Invalid: 486

## specify (s716b1x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 23

Valid cases: 1  
 Invalid: 0

## reasons for rejection (s716b2)

File: Benin\_2004\_2009\_2016

**Overview**

## reasons for rejection (s716b2)

File: Benin\_2004\_2009\_2016

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

Valid cases: 5  
 Invalid: 492

## specify (s716b2x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

## reasons for rejection (s716b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-4

Valid cases: 6  
 Invalid: 491

## specify (s716b3x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 23

Valid cases: 2  
 Invalid: 0

## What year was the request rejected? (s718)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1996-2004

Valid cases: 16  
 Invalid: 481

## How many weeks did it take to be rejected from moment of submission? (s719)

File: Benin\_2004\_2009\_2016

**Overview**

How many weeks did it take to be rejected from moment of submission? (s719)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-12

Valid cases: 37  
Invalid: 460

Currency in which the latest loan was taken (s721bx)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: character  
Width: 11

Valid cases: 30  
Invalid: 0

What percentage of guarantees were land and buildings? (s723a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0-100

Valid cases: 48  
Invalid: 449  
Minimum: 0  
Maximum: 100

What percentage of guarantees were non-removable machinery? (s723b)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 2  
Range: 0-100

Valid cases: 48  
Invalid: 449  
Minimum: 0  
Maximum: 100

What percentage of guarantees were mobile machinery, including cars? (s723c)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 0-70

Valid cases: 48  
Invalid: 449  
Minimum: 0  
Maximum: 70

## What percentage of guarantees were liquid assets? (s723d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 48
Format: numeric	Invalid: 449
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## What percentage of guarantees were personal assets of the owner? (s723e)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 48
Format: numeric	Invalid: 449
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## What percentage of guarantees were other? (s723f)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 48
Format: numeric	Invalid: 449
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## Specify other (s723fx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 12
Format: character	Invalid: 0
Width: 64	

## Duration (term) of the loan (s725)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 48
Format: numeric	Invalid: 449
Width: 5	Minimum: 0.3
Decimals: 2	Maximum: 15
Range: 0.25-15	

what was the initial interest rate (s728)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 44
Format: numeric	Invalid: 453
Width: 5	Minimum: 2
Decimals: 2	Maximum: 90
Range: 2-90	

how long did it take to approve the loan (s729)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 71
Format: numeric	Invalid: 426
Width: 5	Minimum: 0
Decimals: 2	Maximum: 52
Range: 0-52	

would you like to borrow more than you can at the current interest rate (s730)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 64
Format: numeric	Invalid: 433
Width: 1	
Decimals: 0	
Range: 1-2	

How much of your total borrowings is denominated in foreign currency? (s731)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 81
Format: numeric	Invalid: 416
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

With how many financial institutions does your business have a relationship? (s732)

File: Benin\_2004\_2009\_2016

#### Overview

With how many financial institutions does your business have a relationship? (s732)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-12

Valid cases: 191  
Invalid: 306

How many days does it take to complete payments by checks? (s733a)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-60

Valid cases: 175  
Invalid: 322  
Minimum: 1  
Maximum: 60

How many days does it take to complete local transfers? (s733b)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 2  
Range: 0.170000001788139-90

Valid cases: 173  
Invalid: 324  
Minimum: 0.2  
Maximum: 90

How many days does it take to complete foreign bank transfers? (s733c)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-30

Valid cases: 130  
Invalid: 367  
Minimum: 1  
Maximum: 30

% of finance for working capital: local banks (s735b1)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-100

Valid cases: 191  
Invalid: 306  
Minimum: 0  
Maximum: 100

## % of finance for new investment: local banks (s735b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 169
Format: numeric	Invalid: 328
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## % of finance for working capital: foreign-owned banks (s735c1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 2	Minimum: 0
Decimals: 0	Maximum: 60
Range: 0-60	

## % of finance for new investment: foreign-owned banks (s735c2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 169
Format: numeric	Invalid: 328
Width: 2	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	

## % of finance for working capital: leasing arrangement (s735d1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 191
Format: numeric	Invalid: 306
Width: 2	
Decimals: 0	
Range: 0-20	

## % of finance for new investment: leasing arrangement (s735d2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 169
Format: numeric	Invalid: 328
Width: 2	
Decimals: 0	
Range: 0-20	

## % of finance for working capital: investment funds (s735e1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## % of finance for new investment: investment funds (s735e2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 169
Format: numeric	Invalid: 328
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## % of finance for working capital: credit cards (s735g1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 191
Format: numeric	Invalid: 306
Width: 1	
Decimals: 0	
Range: 0-5	

## % of finance for new investment: credit cards (s735g2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 169
Format: numeric	Invalid: 328
Width: 1	
Decimals: 0	
Range: 0-0	

## % of finance for working capital: sale of stock (s735h1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	

## % of finance for working capital: family, friends (s735i1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	

## % of finance for new investment: family, friends (s735i2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 169
Format: numeric	Invalid: 328
Width: 2	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	

## % of finance for working capital: informal sources (s735j1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 2	Minimum: 0
Decimals: 0	Maximum: 60
Range: 0-60	

## % of finance for new investment: informal sources (s735j2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 169
Format: numeric	Invalid: 328
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	

## % of finance for working capital: other sources (s735k1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 2	Minimum: 0
Decimals: 0	Maximum: 30
Range: 0-30	

## % of finance for new investment: other sources (s735k2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 169
Format: numeric	Invalid: 328
Width: 2	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	

## specify (s735kx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 5
Format: character	Invalid: 0
Width: 43	

## how many workers do you currently employ (s801)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 3	Minimum: 4
Decimals: 0	Maximum: 481
Range: 4-481	

## Full-time permanent employees (s802a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 3	Minimum: 1
Decimals: 0	Maximum: 358
Range: 1-358	

## Temporary employees (s802b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 3	Minimum: 0
Decimals: 0	Maximum: 295
Range: 0-295	

## male employees under 30 (s803a1)

File: Benin\_2004\_2009\_2016

## male employees under 30 (s803a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 303
Width: 3	Minimum: 0
Decimals: 0	Maximum: 285
Range: 0-285	

## female employees under 30 (s803a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	Minimum: 0
Decimals: 0	Maximum: 25
Range: 0-25	

## male employees between 31 and 45 (s803a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 303
Width: 3	Minimum: 0
Decimals: 0	Maximum: 247
Range: 0-247	

## female employees between 31 and 45 (s803a5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	Minimum: 0
Decimals: 0	Maximum: 56
Range: 0-56	

## male employees over 45 (s803a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 3	Minimum: 0
Decimals: 0	Maximum: 205
Range: 0-205	

## female employees over 45 (s803a6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 303
Width: 2	
Decimals: 0	
Range: 0-15	

## male level of education: none (s803b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 3	Minimum: 0
Decimals: 0	Maximum: 146
Range: 0-146	

## female level of education: none (s803b6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 2	Minimum: 0
Decimals: 0	Maximum: 60
Range: 0-60	

## male level of education: 6-years (s803b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 3	Minimum: 0
Decimals: 0	Maximum: 210
Range: 0-210	

## female level of education: 6-years (s803b7)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 193
Format: numeric	Invalid: 304
Width: 2	
Decimals: 0	
Range: 0-13	

## male level of education: 7-10 years (s803b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 3	Minimum: 0
Decimals: 0	Maximum: 142
Range: 0-142	

## female level of education: 7-10 years (s803b8)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 305
Width: 2	Minimum: 0
Decimals: 0	Maximum: 29
Range: 0-29	

## male level of education: 11-13 years (s803b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 191
Format: numeric	Invalid: 306
Width: 3	Minimum: 0
Decimals: 0	Maximum: 122
Range: 0-122	

## female level of education: 11-13 years (s803b9)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 193
Format: numeric	Invalid: 304
Width: 2	
Decimals: 0	
Range: 0-14	

## male level of education: 13+ years (s803b5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 305
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	

## female level of education: 13+ years (s803b10)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 305
Width: 2	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-33	

## Number of full-time employees in 1996 (s805a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 112
Format: numeric	Invalid: 385
Width: 3	Minimum: 1
Decimals: 0	Maximum: 691
Range: 1-691	

## Number of full-time employees in 2002 (s805a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 185
Format: numeric	Invalid: 312
Width: 3	Minimum: 1
Decimals: 0	Maximum: 490
Range: 1-490	

## Number of managers in 2003 (s805a5)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 2	Minimum: 0
Decimals: 0	Maximum: 57
Range: 0-57	

## Number of skilled workers in 2003 (s805a6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 187
Format: numeric	Invalid: 310
Width: 3	Minimum: 0
Decimals: 0	Maximum: 306
Range: 0-306	

## Number of non-skilled workers in 2003 (s805a7)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 187
Format: numeric	Invalid: 310
Width: 2	Minimum: 0
Decimals: 0	Maximum: 98
Range: 0-98	

## Number of female managers in 2003 (s805a9)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 189
Format: numeric	Invalid: 308
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Number of female skilled workers in 2003 (s805a10)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 309
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Number of female non-skilled workers in 2003 (s805a11)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 309
Width: 6	Minimum: 0
Decimals: 2	Maximum: 100
Range: 0-100	

## Number of total workers in 2003 including part-time (s805a12)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 156
Format: numeric	Invalid: 341
Width: 5	Minimum: 0
Decimals: 2	Maximum: 62.5
Range: 0-62.5	

## Number of employess under payroll in 2003 (s805a13)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 193
Format: numeric	Invalid: 304
Width: 13	Minimum: 21584.7
Decimals: 2	Maximum: 1318994944
Range: 21584.716796875-1318994944	

## Number of managers under payroll in 2003 (s805a14)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 12	Minimum: 60000
Decimals: 2	Maximum: 169051856
Range: 60000-169051856	

## Number of skilled workers under payroll in 2003 (s805a15)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 166
Format: numeric	Invalid: 331
Width: 12	Minimum: 40000
Decimals: 2	Maximum: 580350016
Range: 40000-580350016	

## Number of non-skilled workers under payroll in 2003 (s805a16)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 106
Format: numeric	Invalid: 391
Width: 11	Minimum: 20000
Decimals: 2	Maximum: 75600000
Range: 20000-75600000	

## How many hours per week do part-time employees work? (s805b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 74
Format: numeric	Invalid: 423
Width: 2	Minimum: 12
Decimals: 0	Maximum: 98
Range: 12-98	

## Average number of temporary employees in 2002 (s806a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 104
Format: numeric	Invalid: 393
Width: 3	Minimum: 0
Decimals: 0	Maximum: 300
Range: 0-300	

## Average number of temporary employees in 2001 (s806a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 101
Format: numeric	Invalid: 396
Width: 3	Minimum: 0
Decimals: 0	Maximum: 500
Range: 0-500	

## Average number of temporary employees in 1996 (s806a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 72
Format: numeric	Invalid: 425
Width: 3	Minimum: 0
Decimals: 0	Maximum: 155
Range: 0-155	

## Average number of part time temporary employees in 2003 (s806a6)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 99
Format: numeric	Invalid: 398
Width: 3	Minimum: 0
Decimals: 0	Maximum: 300
Range: 0-300	

## How many hours per week they work? (s806a8)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 66
Format: numeric	Invalid: 431
Width: 3	Minimum: 5
Decimals: 0	Maximum: 120
Range: 5-120	

## Total cost of temporary employees? (s806a9)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 55
Format: numeric	Invalid: 442
Width: 12	Minimum: 70000
Decimals: 2	Maximum: 140178240
Range: 70000-140178240	

## How do you usually find your new employees? (s807a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 1-6	

## other Specify other (s807ax)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 22
Format: character	Invalid: 0
Width: 43	

## how long to fill position for skilled production worker (s807b1)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 162
Format: numeric	Invalid: 335
Width: 5	Minimum: 0
Decimals: 2	Maximum: 52
Range: 0-52	

## how long to fill position for non-skilled production worker (s807b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 137
Format: numeric	Invalid: 360
Width: 5	Minimum: 0
Decimals: 2	Maximum: 40
Range: 0-40	

## how many security personnel do you employ (s807c)

File: Benin\_2004\_2009\_2016

## how many security personnel do you employ (s807c)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 3	Minimum: 0
Decimals: 0	Maximum: 108
Range: 0-108	

## If you were to change your number of permanent full-time employees with no restr (s807d)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 197
Format: numeric	Invalid: 300
Width: 1	
Decimals: 0	
Range: 1-3	

## How many additional workers would you hire? (s808a)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous	Valid cases: 53
Format: numeric	Invalid: 444
Width: 3	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	

## What is main reason for not being able to increase number of employees? (s808b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 49
Format: numeric	Invalid: 448
Width: 1	
Decimals: 0	
Range: 1-6	

## Specify other (s808bx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete	Valid cases: 20
Format: character	Invalid: 0
Width: 52	

## How many employees would lay off? (s809a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 20
Format: numeric	Invalid: 477
Width: 3	Minimum: 1
Decimals: 0	Maximum: 259
Range: 1-259	

## What is main reason for not able to decrease number of employees? (s809b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 17
Format: numeric	Invalid: 480
Width: 1	
Decimals: 0	
Range: 1-7	

## Specify other (s809bx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 8
Format: character	Invalid: 0
Width: 66	

## How many employees are assigned to maintenance and generator operations? (s810)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 162
Format: numeric	Invalid: 335
Width: 2	Minimum: 0
Decimals: 0	Maximum: 42
Range: 0-42	

## directors: # permanent employees (s811a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	Minimum: 1
Decimals: 0	Maximum: 65
Range: 1-65	

## directors: # permanent employees female (s811a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	
Decimals: 0	
Range: 0-15	

## directors: Salary net (s811a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 337
Width: 12	Minimum: 7000
Decimals: 2	Maximum: 175000000
Range: 7000-175000000	

## directors: total remuneration (s811a4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 139
Format: numeric	Invalid: 358
Width: 11	Minimum: 7000
Decimals: 2	Maximum: 67183568
Range: 7000-67183568	

## managers: # permanent employees (s811b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 195
Format: numeric	Invalid: 302
Width: 2	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-33	

## managers: # permanent employees female (s811b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 193
Format: numeric	Invalid: 304
Width: 1	
Decimals: 0	
Range: 0-8	

## managers: Salary net (s811b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 82
Format: numeric	Invalid: 415
Width: 12	Minimum: 25000
Decimals: 2	Maximum: 580350016
Range: 25000-580350016	

## managers: total remuneration (s811b4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 77
Format: numeric	Invalid: 420
Width: 12	Minimum: 20000
Decimals: 2	Maximum: 760475264
Range: 20000-760475264	

## skilled production: # permanent employees female (s811c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 303
Width: 2	Minimum: 0
Decimals: 0	Maximum: 53
Range: 0-53	

## skilled production: Salary net (s811c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 170
Format: numeric	Invalid: 327
Width: 12	Minimum: 7000
Decimals: 2	Maximum: 140793376
Range: 7000-140793376	

## skilled production: total remuneration (s811c4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 154
Format: numeric	Invalid: 343
Width: 12	Minimum: 7000
Decimals: 2	Maximum: 199610304
Range: 7000-199610304	

## unskilled production: # permanent employees female (s811d2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 195
Format: numeric	Invalid: 302
Width: 1	
Decimals: 0	
Range: 0-7	

## unskilled production: Salary net (s811d3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 88
Format: numeric	Invalid: 409
Width: 12	Minimum: 10000
Decimals: 2	Maximum: 331653184
Range: 10000-331653184	

## unskilled production: total remuneration (s811d4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 71
Format: numeric	Invalid: 426
Width: 12	Minimum: 10000
Decimals: 2	Maximum: 371009728
Range: 10000-371009728	

## other employees: Salary net (s811e3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 62
Format: numeric	Invalid: 435
Width: 10	Minimum: 12000
Decimals: 2	Maximum: 6500000
Range: 12000-6500000	

## other employees: total remuneration (s811e4)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 51
Format: numeric	Invalid: 446
Width: 10	Minimum: 12000
Decimals: 2	Maximum: 7000000
Range: 12000-7000000	

**TOTAL: # permanent employees (s811t1)**

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 197
Format: numeric	Invalid: 300
Width: 3	Minimum: 1
Decimals: 0	Maximum: 358
Range: 1-358	

**TOTAL: # permanent employees female (s811t2)**

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 190
Format: numeric	Invalid: 307
Width: 2	Minimum: 0
Decimals: 0	Maximum: 61
Range: 0-61	

**newly hired permanent employees (s812a)**

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 178
Format: numeric	Invalid: 319
Width: 2	Minimum: 0
Decimals: 0	Maximum: 32
Range: 0-32	

**Employees dismissed or laid off 1 year ago (s812b1)**

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 179
Format: numeric	Invalid: 318
Width: 3	Minimum: 0
Decimals: 0	Maximum: 107
Range: 0-107	

**quit/absent from sickness or health (s812b2)**

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 180
Format: numeric	Invalid: 317
Width: 1	
Decimals: 0	
Range: 0-7	

## retired-permanent (s812b3)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous	Valid cases: 180
Format: numeric	Invalid: 317
Width: 2	Minimum: 0
Decimals: 0	Maximum: 36
Range: 0-36	

## employees Left for other reasons (s812b4)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 181
Format: numeric	Invalid: 316
Width: 2	
Decimals: 0	
Range: 0-20	

## Have you paid any compensation / bonus of any kind to these employees? (s812c)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 104
Format: numeric	Invalid: 393
Width: 1	
Decimals: 0	
Range: 1-2	

## Did you undertake any unspecified activity to warn about AIDS (s814)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 196
Format: numeric	Invalid: 301
Width: 1	
Decimals: 0	
Range: 1-2	

## counseling (s815c)

### File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete	Valid cases: 45
Format: numeric	Invalid: 452
Width: 1	
Decimals: 0	
Range: 1-2	

## financial assistance (s815e)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 45  
 Invalid: 452

## other (s815f)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-2

Valid cases: 6  
 Invalid: 491

## Specify other (s815fx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

## portion of workforce with HIV AIDS (s816)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-6

Valid cases: 126  
 Invalid: 371

## AIDS HIV affects your workforce (s817)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

Valid cases: 146  
 Invalid: 351

## Specify other (s817x)

File: Benin\_2004\_2009\_2016

## Specify other (s817x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

## what other diseases affect the workforce (s819)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-5

Valid cases: 189  
 Invalid: 308

## other (s819x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 38

Valid cases: 46  
 Invalid: 0

## directors: days of unauthorized absence (s820a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-60

Valid cases: 166  
 Invalid: 331  
 Minimum: 0  
 Maximum: 60

## compared to last year (s820b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 106  
 Invalid: 391

## Managers: days of unauthorized absence (s820a2)

File: Benin\_2004\_2009\_2016

**Overview**

## Managers: days of unauthorized absence (s820a2)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-10

Valid cases: 145  
Invalid: 352

## compared to last year (s820b2)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 95  
Invalid: 402

## Skille production workers: days of unauthorized absence (s820a3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-90

Valid cases: 161  
Invalid: 336  
Minimum: 0  
Maximum: 90

## compared to last year (s820b3)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 105  
Invalid: 392

## unskilled production workers: days of unauthorized absence (s820a4)

File: Benin\_2004\_2009\_2016

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-30

Valid cases: 147  
Invalid: 350  
Minimum: 0  
Maximum: 30

compared to last year (s820b4)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 97  
Invalid: 400

other employees: days of unauthorized absense (s820a5)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-27

Valid cases: 141  
Invalid: 356  
Minimum: 0  
Maximum: 27

compared to last year (s820b5)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 88  
Invalid: 409

consultants: days of unauthorized absense (s820a6)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-15

Valid cases: 121  
Invalid: 376

compared to last year (s820b6)

File: Benin\_2004\_2009\_2016

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 79  
Invalid: 418

## days of production lost--strikes (s821a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 173
Format: numeric	Invalid: 324
Width: 2	Minimum: 0
Decimals: 0	Maximum: 60
Range: 0-60	

## days of production lost--social unrest (s821b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 173
Format: numeric	Invalid: 324
Width: 2	
Decimals: 0	
Range: 0-20	

## days of production lost--death &amp; disease (s821c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 174
Format: numeric	Invalid: 323
Width: 2	Minimum: 0
Decimals: 0	Maximum: 52
Range: 0-52	

## do non-union employees benefit from union negotiated benefits and wages (s823)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 83
Format: numeric	Invalid: 414
Width: 1	
Decimals: 0	
Range: 1-2	

## Did you offer informal training in the last FY? (s824b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 184
Format: numeric	Invalid: 313
Width: 1	
Decimals: 0	
Range: 1-2	

## directors # trained last year (s825a1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 121
Format: numeric	Invalid: 376
Width: 2	
Decimals: 0	
Range: 0-17	

## Av. weeks of training for each director (s825a2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 31
Format: numeric	Invalid: 466
Width: 2	
Decimals: 0	
Range: 1-90	

## training areas (s825a3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 32
Format: numeric	Invalid: 465
Width: 1	
Decimals: 0	
Range: 1-9	

## other (s825a3x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 3
Format: character	Invalid: 0
Width: 10	

## managers # trained last year (s825b1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 102
Format: numeric	Invalid: 395
Width: 2	
Decimals: 0	
Range: 0-18	

## Av. weeks of training for each manager (s825b2)

File: Benin\_2004\_2009\_2016

## Av. weeks of training for each manager (s825b2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 16
Format: numeric	Invalid: 481
Width: 2	
Decimals: 0	
Range: 1-90	

## training areas (s825b3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 18
Format: numeric	Invalid: 479
Width: 1	
Decimals: 0	
Range: 1-7	

## other (s825b3x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 0
Format: character	Invalid: 0
Width: 1	

## skilled production workers # trained last year (s825c1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 119
Format: numeric	Invalid: 378
Width: 2	Minimum: 0
Decimals: 0	Maximum: 54
Range: 0-54	

## Av. weeks of training for each skilled employee (s825c2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 42
Format: numeric	Invalid: 455
Width: 5	
Decimals: 2	
Range: 0.419999986886978-90	

## training areas (s825c3)

File: Benin\_2004\_2009\_2016

## training areas (s825c3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 2-9

Valid cases: 41  
 Invalid: 456

## other (s825c3x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: character  
 Width: 23

Valid cases: 1  
 Invalid: 0

## unskilled production workers # trained last year (s825d1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-278

Valid cases: 104  
 Invalid: 393  
 Minimum: 0  
 Maximum: 278

## Av. weeks of training for each unskilled employee (s825d2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-156

Valid cases: 18  
 Invalid: 479

## training areas (s825d3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 5-9

Valid cases: 18  
 Invalid: 479

## other (s825d3x)

File: Benin\_2004\_2009\_2016

other (s825d3x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 4
Format: character	Invalid: 0
Width: 11	

other employees # trained last year (s825e1)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Continuous	Valid cases: 93
Format: numeric	Invalid: 404
Width: 2	Minimum: 0
Decimals: 0	Maximum: 88
Range: 0-88	

Av. weeks of training for each (s825e2)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 4
Format: numeric	Invalid: 493
Width: 2	
Decimals: 0	
Range: 1-24	

training areas (s825e3)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 4
Format: numeric	Invalid: 493
Width: 1	
Decimals: 0	
Range: 4-6	

other (s825e3x)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 0
Format: character	Invalid: 0
Width: 1	

Primary reason for not investing in training (s826a)

File: Benin\_2004\_2009\_2016

**Overview**

## Primary reason for not investing in training (s826a)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 148  
Invalid: 349

## Specify other (s826ax)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 38

Valid cases: 14  
Invalid: 0

## Secondary reason for not investing in training (s826b)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-9

Valid cases: 141  
Invalid: 356

## Specify other (s826bx)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: character  
Width: 53

Valid cases: 13  
Invalid: 0

## type of work schedule (3-8hour shifts etc)? (s827)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-3

Valid cases: 195  
Invalid: 302

## Specify other (s827x)

File: Benin\_2004\_2009\_2016

### Overview

## Specify other (s827x)

File: Benin\_2004\_2009\_2016

Type: Discrete  
 Format: character  
 Width: 31

Valid cases: 8  
 Invalid: 0

## work regulations as a problem: procedures for hiring nationals (s828a)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

Valid cases: 192  
 Invalid: 305

## work regulations as a problem: procedures for hiring foreigners (s828b)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

Valid cases: 157  
 Invalid: 340

## work regulations as a problem: procedures and costs of firing (s828c)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

Valid cases: 176  
 Invalid: 321

## work regulations as a problem: limitations on temp workers (s828d)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-5

Valid cases: 166  
 Invalid: 331

## work regulations as a problem: inspectors (s828e)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 173
Format: numeric	Invalid: 324
Width: 1	
Decimals: 0	
Range: 0-5	

## work regulations as a problem: wage negotiations (s828f)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 179
Format: numeric	Invalid: 318
Width: 1	
Decimals: 0	
Range: 0-5	

## work regulations as a problem: other (s828g)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 59
Format: numeric	Invalid: 438
Width: 1	
Decimals: 0	
Range: 0-5	

## Specify other (s828gx)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 1
Format: character	Invalid: 0
Width: 38	

## ID number of 2004 survey (id2004)

File: Benin\_2004\_2009\_2016

**Overview**

Type: Discrete	Valid cases: 197
Format: character	Invalid: 0
Width: 6	

## ID number of 2009 survey (id2009)

File: Benin\_2004\_2009\_2016

**Overview**

## ID number of 2009 survey (id2009)

File: Benin\_2004\_2009\_2016

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-150

Valid cases: 150  
Invalid: 347  
Minimum: 1  
Maximum: 150

## ID number of 2016 survey (id2016)

File: Benin\_2004\_2009\_2016

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2-1415

Valid cases: 150  
Invalid: 347  
Minimum: 2  
Maximum: 1415

## Related Materials

### Questionnaires

#### Manufacturing Module Questionnaire 2016

---

Title Manufacturing Module Questionnaire 2016  
Language English  
Filename ES Manufacturing Benin 2016 EN.pdf

---

#### Manufacturing Module Questionnaire 2016 (in French)

---

Title Manufacturing Module Questionnaire 2016 (in French)  
Language French  
Filename ES Manufacturing Benin 2016 FR.pdf

---

#### Services Module Questionnaire 2016

---

Title Services Module Questionnaire 2016  
Language English  
Filename ES Services Benin 2016 EN.pdf

---

#### Services Module Questionnaire 2016 (in French)

---

Title Services Module Questionnaire 2016 (in French)  
Language French  
Filename ES Services Benin 2016 FR.pdf

---

#### Manufacturing Questionnaire 2009

---

Title Manufacturing Questionnaire 2009  
Language English  
Filename Africa IS Questionnaire Manufacturing\_EN.pdf

---

#### Services Questionnaire 2009

---

Title Services Questionnaire 2009  
Language English  
Filename Africa IS Questionnaire Services\_EN.pdf

---

#### Questionnaire for Enquete Climat Des Investissements 2004 (in French)

---

Title Questionnaire for Enquete Climat Des Investissements 2004 (in French)  
Language French  
Filename Benin2004\_quest\_French.pdf

---

## Reports

### Benin Country Profile 2016

---

Title Benin Country Profile 2016  
Language English  
Filename <http://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Benin-2016.pdf>

---

## Technical documents

### Description of Benin ES 2016 Implementation

---

Title Description of Benin ES 2016 Implementation  
Language English  
Filename Benin 2016 ES Implementation Report.pdf

---

### Description of Benin ES 2009 Implementation

---

Title Description of Benin ES 2009 Implementation  
Language English  
Filename Benin-2009--implementation note-.pdf

---

### General Structure of Enterprise Surveys Panel Datasets

---

Title General Structure of Enterprise Surveys Panel Datasets  
Language English  
Filename Notes on Panel Datasets.pdf

---