

# Congo, Dem. Rep. - Enterprise Survey 2010-2013, Panel Data

**World Bank**

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# Sampling

## Sampling Procedure

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The sample was selected using stratified random sampling. Three levels of stratification were used in this country: firm sector, firm size, and geographic region.

Industry stratification was designed in the way that follows: the universe was stratified into four manufacturing industries (food, textiles and garments, chemicals and plastics, other manufacturing) and two service sectors (retail and other services).

Size stratification was defined following the standardized definition for the Enterprise Surveys: small (5 to 19 employees), medium (20 to 99 employees), and large (more than 99 employees).

For regional stratification, the country was divided into four regions:

- Center (Kananga and Mbuji Mayi),
- East (Bukavu, Butembo, Goma, Kisangani),
- South (Likasi, Lubumbashi),
- North (Boma, Kikwit, Kinshasa, Matadi).

Two sample frames were used in ES 2013. The first was supplied by the World Bank and consisted of enterprises interviewed in the Democratic Republic of Congo (DRC) in 2010. That sample is referred to as the Panel. The second frame was built by undertaking block enumeration because a suitable sample frame from appropriate institutions in the Democratic Republic of Congo (DRC) was not available.

Three sample frames were used in ES 2010. The first was supplied by the World Bank and consisted of enterprises interviewed in DRC 2006. The World Bank required that attempts should be made to re-interview establishments responding to the DRC 2006 survey where they were within the selected geographical regions and met eligibility criteria. Due to the fact that the previous round of surveys seemed to have utilized different stratification criteria (or no stratification at all) and due to the prevalence of small firm in the 2006 sample the following convention was used. To avoid oversampling smaller firms and to limit the presence of Panel firms to a maximum of 50% of the achieved interviews, a decision was made to restrict the number of issued firms with less than 20 employees. That sample is referred to as the Panel.

The second and third sample frames were files produced by Fdration Entreprises du Congo (FEC) and Confdration des Petites et Moyennes Entreprises du Congo (COPEMECO). During fieldwork in 2010 it has been realized that the original classification did not respect the reality of the firms; this was true especially for "Grands cotisants" in Lubumbashi that resulted to be mainly Small/Medium firms. Thus appropriate adjustments to the target sample was made. Furthermore, to avoid oversampling of small firms in the panel sample (around 77% of 2006 sample) a decision was made to only attempt re-interviewing around half of the small firms sample.

## Response Rate

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

Item non-response was addressed by two strategies:

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

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

## Weighting

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

a- Strict assumption: eligible establishments are only those for which it was possible to directly determine eligibility.

b- Median assumption: eligible establishments are those for which it was possible to directly determine eligibility and those that rejected the screener questionnaire or an answering machine or fax was the only response. Median weights are used for computing indicators on the [www.enterprisesurveys.org](http://www.enterprisesurveys.org) website.

c- Weak assumption: in addition to the establishments included in points a and b, all establishments for which it was not possible to finalize a contact are assumed eligible. This includes establishments with dead or out of service phone lines, establishments that never answered the phone, and establishments with incorrect addresses for which it was impossible to find a new address. Note that under the weak assumption only observed non-eligible units are excluded from universe projections.

# Questionnaires

No content available

## Data Collection

### Data Collection Dates

Start	End	Cycle
2010-06	2014-05	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

Name	Abbreviation	Affiliation
Centre d'Analyses et de Prospectives (CAP)		University of Kinshasa

# Data Processing

## Data Editing

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

# Data Appraisal

No content available



## File Description

## Variable List

**DRC\_2010\_2013\_Panel**

## Content

Cases 888

Variable(s) 390

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	Name	Label	Type	Format	Question
V1	idstd	WEB STD FIRMID	discrete	numeric	
V2	id2013	ID number 2013 survey	discrete	numeric	
V3	idPANEL2010	Panel ID	discrete	numeric	
V4	country		discrete	character	
V5	year	Year of survey	discrete	numeric	
V6	panel	Panel: Firm interviewed in these years	discrete	numeric	
V7	recnumber	Record number	discrete	numeric	
V8	preference	Preference	discrete	numeric	
V9	rotation	Rotation	discrete	numeric	
V10	a0	Questionnaire	discrete	numeric	
V11	a1	Country Code	discrete	numeric	
V12	a1a	Language Of The Interview	discrete	numeric	
V13	a2	Sampling Region	discrete	numeric	
V14	a3a	Region Of The Establishment	discrete	numeric	
V15	a3b	is this city the official capital city?	discrete	numeric	Is this city the official capital city?
V16	a3c	is this city the main business city?	discrete	numeric	Is this city the main business city?
V17	a3	Size Of Locality	discrete	numeric	
V18	a4a	Industry Sampling Sector	discrete	numeric	
V19	a4b	Industry Screener Sector	discrete	numeric	
V20	a5	Sector Match Between Screener Information And Sample Frame	discrete	numeric	Sector match between screener information and sample frame
V21	a6a	Sampling Size	discrete	numeric	
V22	a6b	Screener Size	discrete	numeric	
V23	a7	Establishment Is Part Of A Large Firm	discrete	numeric	
V24	a7a	Number Of Establishments In The Firm	contin	numeric	
V25	a8	Type Of Establishment	discrete	numeric	Type of establishment
V26	a9	Establishment's Financial Statements Prepared Separately from HQ Statements	discrete	numeric	Are establishment's financial statements prepared separately from HQ's statements?

ID	Name	Label	Type	Format	Question
V27	a10	Establishment's Financial Statements Separate from Other Establishments	discrete	numeric	Are establishment's financial statements prepared separately from other establishments of the same firm?
V28	a11	If HQ, Financial Statements Independent Of The Rest Of Establishment	discrete	numeric	If HQ, are financial statements independent from the rest of establishments?
V29	a12	Interviewer Number	discrete	numeric	Interviewer code
V30	a13	Supervisor Number	discrete	numeric	Supervisor code
V31	a14d	Day	discrete	numeric	Date face-to-face interview begins: Day (dd)
V32	a14m	Month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V33	a14y	Year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)
V34	a14h	Hour	discrete	numeric	Time face-to-face interview begins: Hour (00 to 23)
V35	a14min	Minutes	discrete	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V36	b1	Legal Status of the Firm	discrete	numeric	What is this firm's current legal status?
V37	b1x	Other (Specify)	discrete	character	What is this firm's current legal status? Other
V38	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?
V39	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
V40	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
V41	b2c	% owned by Government/State	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V42	b2d	% owned by Other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V43	b4	Amongst the owners of the firm, are there any females?	discrete	numeric	Amongst the owners of the firm, are there any females?
V44	b4a	What percentage of the firm is owned by females?	discrete	numeric	What percentage of the firm is owned by females?
V45	b5	Year Establishment Began Operations	discrete	numeric	In what year did this establishment begin operations?
V46	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
V47	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	Was this establishment formally registered when it began operations?
V48	b6b	In What Year Was This Establishment Formally Registered?	discrete	numeric	In what year was this establishment formally registered?
V49	DRCb1	Was permission from the spouse of any married female owner requested?	discrete	numeric	When this establishment was formally registered was permission from the spouse of any married female owner requested for the business to be registered by the Ministre de l'economie nationale?
V50	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?
V51	DRCb2	What is the main reason why the Top Manager decided to work in this sector?	discrete	numeric	What is the main reason why the Top Manager decided to work in this sector?

ID	Name	Label	Type	Format	Question
V52	b7a	Is The Top Manager Female?	discrete	numeric	Is the Top Manager female?
V53	DRCb3	Is the Top Manager also the owner or one of the owners of the firm?	discrete	numeric	
V54	DRCb4	Is the Top Manager married?	discrete	numeric	
V55	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V56	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?
V57	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?
V58	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?
V59	c6	Over last FY, Did This Establishment Experience Power Outages?	discrete	numeric	Over fiscal year 2009, did this establishment experience power outages?
V60	c7	Number Of Power Outages Experienced In A Typical Month In Last Fiscal Year	discrete	numeric	In a typical month, over fiscal year 2009, how many power outages did this establishment experience?
V61	c8	How Long Did The Average Power Outage Last?	discrete	numeric	How long did these power outages last on average?
V62	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
V63	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
V64	c10	Generator Shared Or Owned Over The Course Of Last Fiscal Year?	discrete	numeric	Over the course of fiscal year 2009, did this establishment own or share a generator?
V65	c11	% Electricity From Generator Owned/Shared By The Establishment In Last Fiscal Yr	discrete	numeric	In fiscal year 2009, what percent of this establishment's electricity came from a generator or generators that the establishment owned or shared?
V66	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?
V67	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?
V68	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?
V69	c15	Did You Experience Insufficient Water Supply For Production In Last Fiscal Yr?	discrete	numeric	Over fiscal year 2009, did this establishment experience insufficient water supply for production?
V70	c16	Frequency Of Incidents Of Water Shortages In A Typical Month In Last Fiscal Yr	discrete	numeric	In a typical month, over fiscal year 2009, how many incidents of insufficient water supply did this establishment experience?

ID	Name	Label	Type	Format	Question
V71	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?
V72	c22a	Do You Currently Communicate With Clients And Suppliers By E-Mail?	discrete	numeric	At the present time, does this establishment use e-mail to communicate with clients or suppliers?
V73	c22b	Establishment has its own website	discrete	numeric	At the present time, does this establishment use its own website?
V74	c28	Cell phones used in operations of the establishment	discrete	numeric	Does this establishment currently use cell phones for the operations of the establishment?
V75	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?
V76	c30b	How Much Of An Obstacle: Telecommunications To Operations Of This Establishment?	discrete	numeric	Is Telecommunications No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V77	d1a1x	Main Product/Service (By The Largest % Of Annual Sales) In Last Fiscal Year	discrete	character	In fiscal year 2009, what was this establishment's main product, that is, the product that represented the largest proportion of annual sales (in LCU)?
V78	d1a2	First Product/Service Isic Code	contin	numeric	Using this card, please choose the 4-digit code that best applies to the main product of this establishment.
V79	d1a3	First Product/Service, Percent Of Total Annual Sales	discrete	numeric	What percentage of total sales does the main product represent?
V80	d2	In Last Fiscal Year, What Were This Establishment'S Total Annual Sales?	discrete	numeric	In fiscal year 2009, what were this establishment's total annual sales?
V81	d2x	d2x - amount in letters	discrete	character	In fiscal year [insert last complete fiscal year], what were this establishment's total annual sales for all products and services?
V82	n3	What Were the Establishment Sales 3 years ago (FY 2009)	discrete	numeric	In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?
V83	d3a	% of sales: National sales	discrete	numeric	In fiscal year 2009, what percent of this establishment's sales were: National sales
V84	d3b	% o sales: Indirect exports	discrete	numeric	In fiscal year 2009, what percent of this establishment's sales were: Indirect exports (sold domestically to third party that exports products)
V85	d3c	% of sales: Direct exports	discrete	numeric	In fiscal year 2009, what percent of this establishment's sales were: Direct exports
V86	d4	In last FY, avg. num. of days for exported goods to clear customs?	discrete	numeric	In fiscal year 2009, 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?
V87	d6	In last FY, Export Losses Due To Theft As % Of value of products	discrete	numeric	In fiscal year 2009, what percent of the consignment value of the products exported directly was lost while in transit because of theft?
V88	d7	In last FY, Export Losses Due To Breakage Or Spoilage As % Of value of products	discrete	numeric	In fiscal year 2009, what percent of the consignment value of the products exported directly was lost while in transit because of breakage or spoilage?

ID	Name	Label	Type	Format	Question
V89	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?
V90	d10	In last FY, % of value of products lost in transit due to theft	discrete	numeric	In fiscal year 2009, what percent of the consignment value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?
V91	d11	In last FY, % of value of products lost in transit due to breakage or spoilage?	discrete	numeric	In fiscal year 2009, what percent of the consignment value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?
V92	d12a	% Of Material Inputs And Supplies Of Domestic Origin In Last Fiscal Year	discrete	numeric	In fiscal year 2009, 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
V93	d12b	% Of Material Inputs And Supplies Of Foreign Origin In Last Fiscal Year	discrete	numeric	In fiscal year 2009, 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
V94	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 2009, imported directly?
V95	d14	Avg. num. of Days For Imported Goods To Clear Customs In Last Fiscal Year	discrete	numeric	In fiscal year 2009, 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?
V96	d16	Avg. days of inventory of most important input kept by establishment	discrete	numeric	At the present time, when this establishment receives delivery of its most important input, on average, how many days of inventory, measured in days of production, does this establishment keep?
V97	d17	Avg. days of inventory of main sales item kept by establishment	contin	numeric	At the present time, when this establishment receives its main sales item, on average, how many days of inventory measured in days of sales, does this establishment keep?
V98	DRCd2	Was the spouse's co-signature of a married female owners/top manager required?	discrete	numeric	
V99	DRCd3	How long did it take, on average, to obtain the required co-signature? (Days)	discrete	numeric	
V100	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?
V101	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?
V102	DRCd4a	What is the main agricultural products processed by this establishment?	discrete	numeric	
V103	DRCd4b	What is the second main agricultural products processed by this establishment?	discrete	numeric	What are the two main agricultural products processed by this establishment?

ID	Name	Label	Type	Format	Question
V104	DRCd4x	Other specify	discrete	character	What are the two main agricultural products processed by this establishment?
V105	DRCd5a	Percentage of main product bought from cooperatives/farmers associations	discrete	numeric	In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers? Cooperatives or farmers associations
V106	DRCd5b	Percentage of main agricultural product bought from individual farmers	discrete	numeric	In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers? Individual farmers
V107	DRCd5c	Percentage of main agricultural product bought from traders and middlemen	discrete	numeric	In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers? Traders and middlemen
V108	DRCd5d	Percentage of main product bought from production of own raw materials	discrete	numeric	In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers? Production of own raw materials
V109	DRCd5e	Percentage of main agricultural product bought from other sources	discrete	numeric	In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers? Other
V110	DRCd6	Does this establishment belong to one or more associations?	discrete	numeric	Does this establishment belong to one or more associations which link together producers and processors within your filire?
V111	DRCd7	In what year did this establishment join this association?	discrete	numeric	In what year did this establishment join this association (or the association considered as the most relevant for this establishment's business)?
V112	DRCd8	How much did this establishment pay in annual membership fees?	discrete	numeric	In fiscal year 2012 how much did this establishment pay in annual membership fees (if any) to the association?
V113	DRCd9	In fiscal year 2012, how many times did this association meet?	discrete	numeric	In fiscal year 2012 how many times did this association meet?
V114	DRCd10	What are the main benefits of being part of this association?	discrete	numeric	What is the main benefits for this establishment from being part of this association?
V115	DRCd11	To what degree is the Participation in this association beneficial?	discrete	numeric	Using the response options on the card; To what degree is the Participation in this association beneficial to the current operations of this establishment?
V116	DRCd12	What is the avg distance to farms or cooperatives from which inputs are bought?	discrete	numeric	What is the average distance in kilometers from this establishment to farms or cooperatives from which inputs are bought?
V117	DRCd13	How long would it take, on average, to travel this distance by road?	discrete	numeric	How long would it take, on average, to travel this distance by road?
V118	DRCd14a	What percentage were transported to the customer via road	discrete	numeric	Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Road
V119	DRCd14b	What percentage were transported to the customer via rail	discrete	numeric	Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Rail



ID	Name	Label	Type	Format	Question
V120	DRCd14c	What percentage were transported to the customer via river	discrete	numeric	Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via River
V121	DRCd14d	What percentage were transported to the customer via air	discrete	numeric	Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Air
V122	DRCd14e	What percentage were transported to the customer via sea	discrete	numeric	Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Sea
V123	DRCd15	In fiscal year 2012 did this establishment sell its product to an intermediary?	discrete	numeric	In fiscal year 2012 did this establishment sell its product to an intermediary?
V124	DRCd16	Estimated percentage spent on transport	discrete	numeric	Consider the unit price (for example per kg or per ton) that this establishment's main product is finally sold for, what percentage of that price would you estimate is spent on transport from this establishment to the costumer?
V125	DRCd17	Is there any warehouse close to this establishment's location?	discrete	numeric	As per your knowledge, is there any warehouse close to this establishment's location which can be used to store raw materials or finished products before or after processing?
V126	DRCd18	In fiscal year 2012 did this establishment utilize any of these warehouses?	discrete	numeric	In fiscal year 2012 did this establishment utilize any of these warehouses?
V127	DRCd19	Who is the owner of the warehouse?	discrete	numeric	Referring to the warehouse most recently used by this establishment to store raw materials or finished products, who is the owner of the warehouse?
V128	e1	In last FY, main market for establishment's main product	discrete	numeric	In fiscal year 2009, which of the following was the main market in which this establishment sold its main product?
V129	e2b	In main market, number of competitors faced by establishment's main product	discrete	numeric	In fiscal year [insert last complete fiscal year], for the main market in which this establishment sold its main product or service, how many competitors did this establishment's main product or service face?
V130	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?
V131	e11	Does This Establishment Compete Against Unregistered Or Informal Firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V132	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?
V133	h1	New or signif. improved product introduced in last three years?	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved products or services? Please exclude the simple resale of new goods purchased from others and changes of a solely aesthetic nature.

ID	Name	Label	Type	Format	Question
V134	h2	New or signif. improved product also new to the establishment's main market?	discrete	numeric	Were any of the new or significantly improved products or services of this establishment new to one of this establishment's markets?
V135	h3	New or sig. impvd method of manf product or offering services in last 3 years?	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved methods for the production or supply of products or services?
V136	h4a	New or significantly improved logistics, delivery, or distribution methods?	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved logistics, delivery, or distribution methods for inputs, products, or services?
V137	h4b	New or significantly improved organizational structures/management practices?	discrete	numeric	During the last three years, has this establishment introduced any new or significantly improved supporting activities for your processes, such as maintenance systems or operations for purchasing, accounting, or computing?
V138	h5	New or sig. impvd organizational structure introduced in last 3 years?	discrete	numeric	During the last three years, has this establishment introduced new or significantly improved marketing methods?
V139	h6	New or signif. improved marketing method introduced in last three years?	discrete	numeric	During the last three years, did this establishment spend on research and development activities, either in-house or contracted with other companies (continued)?
V140	h7	During the last three years, did establ. spend on formal R&D activities?	discrete	numeric	During the last three years, did this establishment spend on formal research and development activities, either in-house or contracted with other companies?
V141	h8	During the last 3 years, did establ. give employees time to develop new idea?	discrete	numeric	During the last three years, did this establishment give employees some time to develop or try out a new approach or new idea about products or services, business process, firm management, or marketing?
V142	f1	In last FY, What Was The Capacity Utilization (%) Of This Establishment?	discrete	numeric	In fiscal year 2009, what was this establishment's output produced as a proportion of the maximum output possible if using all facilities available (capacity utilization)?
V143	f2	Number Of Hours Per Week Operated By The Establishment In Last Fiscal Year	discrete	numeric	In fiscal year 2009, how many hours per week did this establishment normally operate?
V144	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
V145	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
V146	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
V147	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
V148	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
V149	g1c	Percentage Of The Land Occupied: Other	discrete	numeric	Of the land occupied by this establishment, what percent is: Other

ID	Name	Label	Type	Format	Question
V150	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a construction-related permit?
V151	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?
V152	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?
V153	g5a	What Is The Total Selling Area In This Establishment?	contin	numeric	What is the total selling area of this establishment?
V154	g5b	The Area Is Measured In:	discrete	numeric	What is the total selling area of this establishment?
V155	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	What is the total selling area of this establishment?
V156	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?
V157	i1	In last FY, Did This Establishment Pay For Security?	discrete	numeric	In fiscal year 2009, did this establishment pay for security, for example equipment, personnel, or professional security services?
V158	i2a	Percentage Of Total Annual Sales Paid For Security In Last Fiscal Year	discrete	numeric	In fiscal year 2009, 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
V159	i2b	In Last Fiscal Year, What Is The Total Annual Cost Of Security?	discrete	numeric	In fiscal year 2009, 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
V160	i3	Losses Due To Theft, Robbery, Vandalism Or Arson Experienced In Last Fiscal Year	discrete	numeric	In fiscal year 2009, did this establishment experience losses as a result of theft, robbery, vandalism or arson?
V161	i4a	Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr (% Of Sales)	discrete	numeric	In fiscal year 2009, 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
V162	i4b	Value Of Losses Due To Theft, Robbery, Vandalism Or Arson In Last Fiscal Yr	discrete	numeric	In fiscal year 2009, 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
V163	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?
V164	k1c	In last FY, % Of Material Inputs Or Services Paid For After Delivery	discrete	numeric	In fiscal year 2009, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for after delivery?
V165	k2c	In last FY, % Of Total Annual Sales Paid For After Delivery	discrete	numeric	In fiscal year 2009, what percent of this establishment's total annual sales of its goods or services were: Paid for after delivery?

ID	Name	Label	Type	Format	Question
V166	k3a	% Of Working Capital Financed From Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year 2009, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Internal funds/Retained earnings
V167	k3bc	% Of Working Capital Borrowed From Banks	discrete	numeric	Over fiscal year 2009, 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)
V168	k3e	% Of Working Capital Borrowed From Non-Bank Financial Institutions	discrete	numeric	Over fiscal year 2009, 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
V169	k3f	% Of Working Capital Purchased On Credit/Advances From Suppliers /Customers	discrete	numeric	Over fiscal year 2009, 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
V170	k3hd	% Of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	discrete	numeric	Over fiscal year 2009, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Other (moneylenders, friends, relatives, etc.)
V171	k4	Did This Establishment Purchase Any Fixed Assets In Last Fiscal Yr?	discrete	numeric	In fiscal year 2009, did this establishment purchase any fixed assets, such as machinery, vehicles, equipment, land or buildings?
V172	n5a	Total Annual Expenditure For Purchases Of Equipment In Last Fiscal Yr	discrete	numeric	In fiscal year 2009, how much did this establishment spend on purchases of: Machinery, vehicles, and equipment (new or used)
V173	n5b	Total Annual Expenditure For Purchases Of Land And Buildings In Last Fiscal Yr	discrete	numeric	In fiscal year 2009, how much did this establishment spend on purchases of: Land and buildings
V174	k5a	Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings	discrete	numeric	Over fiscal year 2009, 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
V175	k5i	Last FY, % Fixed Assets Funded By: Owners' Contributions Or Issued New Equity	discrete	numeric	Over fiscal year 2009, 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
V176	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	discrete	numeric	Over fiscal year 2009, 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)
V177	k5e	Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions	discrete	numeric	Over fiscal year 2009, 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
V178	k5f	Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	discrete	numeric	Over fiscal year 2009, 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

ID	Name	Label	Type	Format	Question
V179	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	discrete	numeric	Over fiscal year 2009, 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)
V180	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?
V181	DRck1	Was the account opened by a married female owner or top manager?	discrete	numeric	Was the checking/current or saving account opened by a married female owner or top manager?
V182	DRck2	Permission from spouse of any married female owner or top manager required	discrete	numeric	Was permission from the spouse of any married female owner or top manager required to be able to open the checking/current or saving account?
V183	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V184	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?
V185	DRck3	Was the line of credit/loan requested by any married female owner/top manager?	discrete	numeric	Referring to the most recent line of credit or loan, was the line of credit or loan requested by any married female owner or top manager?
V186	DRck4	Was permission required from the spouse of any married female owner/top manager?	discrete	numeric	Was permission required from the spouse of any married female owner or top manager to be able to request or sign the most recent line of credit or loan?
V187	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?
V188	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?
V189	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?
V190	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?
V191	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
V192	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
V193	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
V194	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.)
V195	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

ID	Name	Label	Type	Format	Question
V196	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?
V197	DRck5	Was permission required for any married female owners or top manager?	discrete	numeric	Referring only to this most recent line of credit or loan, was permission required for any married female owners or top manager to be able to use any property as collateral?
V198	DRck5a	How long did it take, on average, to obtain the permission? (Days)	discrete	numeric	
V199	k15b	What is the total nr of outstanding loans or lines of credit held by this firm?	discrete	numeric	What is the total number of outstanding loans or lines of credit held by this establishment?
V200	k15c	What is the total value of outstanding loans/lines of credit held by this firm?	discrete	numeric	What is the total value of outstanding loans or lines of credit held by this establishment?
V201	k15d	Do you have any outstanding personal loans?	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?
V202	k16	In Last Fiscal Yr, Did Establishment Apply For New Loans/Lines Of Credit?	discrete	numeric	Referring again to the last fiscal year 2009, did this establishment apply for any loans or lines of credit?
V203	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 2009?
V204	k20a	What was the outcome of the application for line of credit or loan?	discrete	numeric	Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?
V205	k21	Financial Statements Checked & Certified By External Auditor In Last Fiscal Yr?	discrete	numeric	In fiscal year 2009, did this establishment have its annual financial statements checked and certified by an external auditor?
V206	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?
V207	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."
V208	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]
V209	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?
V210	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?



ID	Name	Label	Type	Format	Question
V211	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?
V212	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?
V213	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?
V214	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
V215	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
V216	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?
V217	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?
V218	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?
V219	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?
V220	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?
V221	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?
V222	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
V223	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
V224	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
V225	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
V226	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
V227	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
V228	l1	Num. Permanent, Full-Time Employees At End Of Last Fiscal Year	discrete	numeric	At the end of fiscal year 2009, how many permanent, full-time employees did this establishment employ? Please include all employees and managers
V229	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
V230	l3a	Num. Full-time Employees At End Of Last Fiscal Yr: production workers	discrete	numeric	At the end of fiscal year 2009, how many permanent, full-time employees were: Production workers
V231	l3b	Num. Full-time Employees At End Of Last Fiscal Yr: non-production workers	discrete	numeric	At the end of fiscal year 2009, how many permanent, full-time employees were: Non-production workers [e.g., managers, administration, sales]
V232	l4a	Num. Full-time Employees At End Of Last Fiscal Yr: Skilled Production Workers	discrete	numeric	At the end of fiscal year 2009, how many permanent, full-time employees were: Skilled production workers
V233	l4b	Num. Full-time Employees At End Of Last Fiscal Yr: Unskilled Production Workers	discrete	numeric	At the end of fiscal year 2009, how many permanent, full-time employees were: Unskilled production workers



ID	Name	Label	Type	Format	Question
V234	I5a	Num. Full-time Employees At End Of Last Fiscal Yr: female production workers	discrete	numeric	At the end of fiscal year 2009, how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time production employees
V235	I5b	Num. Full-time Employees At End Of Last Fiscal Yr: female non-production workers	discrete	numeric	At the end of fiscal year 2009, how many permanent full-time employees of this establishment for the following categories were female? Female permanent full-time non-production employees
V236	I5	Num. Full-time Employees At End Of Last Fiscal Yr: female	discrete	numeric	At the end of fiscal year 2009, how many permanent full-time employees of this establishment for the following categories were female?
V237	DRCI1	Are female employees working in this firm entitled to take maternity leave?	discrete	numeric	Are female permanent full-time employees working in this establishment entitled to take maternity leave?
V238	DRCI2	How many female full-time permanent employees were eligible for maternity leave?	discrete	numeric	
V239	DRCI3	How many female full-time permanent employees made use of the maternity leave?	discrete	numeric	
V240	DRCI4	Is there any work activity that female employees are forbidden to perform?	discrete	numeric	
V241	I6	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 2009?
V242	I6a	Full-time female seasonal or temporary workers employed last fiscal year	discrete	numeric	How many full-time temporary employees employed throughout fiscal year [insert last complete fiscal year], were females?
V243	I8	Avg. Length Of Employment Of All Full-time Temporary Employees In Last Fiscal Yr	discrete	numeric	What was the average length of employment of all full-time temporary employees in fiscal year 2009?
V244	I9a	Average Years Of Education For Typical Production Worker	discrete	numeric	
V245	I9a2	Average number of years of education of typical Female production worker	discrete	numeric	What is the average number of years of education of a typical female permanent full-time production worker employed in this establishment?
V246	I9b	% Of Full Time Workers Completed High School	discrete	numeric	
V247	I10	Formal Training Programs For Permanent, Full-time Employees In Last Fiscal Yr	discrete	numeric	Over fiscal year 2009, did this establishment have formal training programs for its permanent, full-time employees?
V248	I11a	% Permanent Full-time Production Employees Received Formal Training In Last FFY	discrete	numeric	Referring to the training programs run over fiscal year 2009, what percent of permanent, full-time employees of the following categories received formal training? Production full-time permanent employees trained
V249	I11b	% Permanent Fulltime NonProduction Employees Received Formal Training In Last FY	discrete	numeric	Referring to the training programs run over fiscal year 2009, what percent of permanent, full-time employees of the following categories received formal training? Non-production full-time permanent employees trained
V250	DRCI5	Over the last two years, did this establishment hire any employee?	discrete	numeric	Over the last two years, did this establishment hire any employee?

ID	Name	Label	Type	Format	Question
V251	DRCI6	Was any of the employees hired over the last two years a married woman?	discrete	numeric	Was any of the employees hired over the last two years a married woman?
V252	DRCI7	Spouse's permission required for this firm to hire any of these married women?	discrete	numeric	Was permission from the spouse required for this establishment to be able to hire any of these married women?
V253	DRCI8a	Reasons for not hiring married women: Married women's family commitments	discrete	numeric	Was any of the following a reason for not hiring married women? Married women's family commitments
V254	DRCI8b	Reasons for not hiring married women: Written permission of spouse needed	discrete	numeric	Was any of the following a reason for not hiring married women? Need of obtaining written permission by the spouse
V255	DRCI8c	Reasons for not hiring married women: Government regulations	discrete	numeric	Was any of the following a reason for not hiring married women? Governments regulations such as working hours or maternity leave
V256	DRCI8d	Was any of the following a reason for not hiring married women? Lack of skills	discrete	numeric	Was any of the following a reason for not hiring married women? Lack of skills
V257	DRCI9	Over the last two years, did this establishment fire any employee?	discrete	numeric	Over the last two years, did this establishment fire any employee?
V258	DRCI10	Was any of the employees fired over the last two years a married woman?	discrete	numeric	Was any of the employees fired over the last two years a married woman?
V259	DRCI11a	Reason for firing married woman: Reduction in the amount of business	discrete	numeric	Was any of the following a reason for firing any married woman over the last two years? Reduction in the amount of business
V260	DRCI11b	Reason for firing married woman: Spousal request to fire the employee	discrete	numeric	Was any of the following a reason for firing any married woman over the last two years? Spousal request to fire the employee
V261	DRCI11c	Reason for firing married woman: Lack of skills of the employee	discrete	numeric	Was any of the following a reason for firing any married woman over the last two years? Lack of skills of the employee
V262	DRCI12	Does this establishment have night shifts?	discrete	numeric	Does this establishment have night shifts?
V263	DRCI13	Are female employees allowed to work on these night shifts?	discrete	numeric	Are female employees allowed to work on these night shifts?
V264	DRCI14	Did any of this establishment's male permanent full-time employees retire?	discrete	numeric	Over the last two years, did any of this establishment's male permanent full-time employees retire?
V265	DRCI15	What was the average age of the male employees which retired?	discrete	numeric	What was the average age of the male permanent full-time employees which retired from this establishment over the last two years?
V266	DRCI16	Did any of this establishment's female permanent full-time employees retire?	discrete	numeric	Over the last two years, did any of this establishment's female permanent full-time employees retire?
V267	DRCI17	What was the avg age of the female employees which retired?	discrete	numeric	What was the average age of the female permanent full-time employees which retired from this establishment over the last two years?
V268	I30a	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?
V269	I30b	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?

ID	Name	Label	Type	Format	Question
V270	m1a	Biggest Obstacle Affecting The Operation Of This Establishment	discrete	numeric	By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment
V271	m1d	Rotation Order	discrete	numeric	By looking at card [insert card number] can you tell me which of the elements of the business environment included in the list, if any, currently represents the biggest obstacle faced by this establishment. Rotation
V272	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	discrete	numeric	For fiscal year 2009, please provide the following information about this establishment: Total annual cost of labor (including wages, salaries, bonuses, social security payments)
V273	n2e	Cost Of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	discrete	numeric	For fiscal year 2009, please provide the following information about this establishment: Total annual cost of raw materials and intermediate goods used in production
V274	n2f	Total Annual Costs Of Fuel In Last Fiscal Year	discrete	numeric	For fiscal year 2009, please provide the following information about this establishment: Total annual costs of fuel
V275	n2b	Total Annual Costs Of Electricity In Last Fiscal Year	discrete	numeric	For fiscal year 2009, please provide the following information about this establishment: Total annual costs of electricity
V276	n2ra	Machinery, vehicles and equipment	discrete	numeric	From the financial reports for fiscal year [insert last complete fiscal year], please provide the following information about this establishment: Total annual cost of labor including wages, salaries, bonuses, social security payments
V277	n2rb	Land and building	discrete	numeric	From the financial reports for fiscal year [insert last complete fiscal year], please provide the following information about this establishment:
V278	n2i	Total Annual Cost Of Finished Goods/Materials Bought To Resell In Last Fiscal Yr	discrete	numeric	For fiscal year 2009, please provide the following information about this establishment: Total annual cost of finished goods/materials bought to resell
V279	n2j	Other Cost Of Production	discrete	numeric	For fiscal year 2009, please provide the following information about this establishment: Other cost of production not included above
V280	n6a	Net Book Value Of Machinery Vehicles, And Equipment In Last Fiscal Year	discrete	numeric	At the end of fiscal year 2009, what was the net book value, that is the value of assets after depreciation, of the following: Machinery, vehicles, and equipment
V281	n6b	Net Book Value Of Land And Buildings In Last Fiscal Year	discrete	numeric	At the end of fiscal year 2009, what was the net book value, that is the value of assets after depreciation, of the following: Land and buildings
V282	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, how much would they cost? Machinery, vehicles, and equipment
V283	n7b	Cost For Establishment To Re-Purchase All Of Its Land And Buildings	discrete	numeric	Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost? Land and buildings

ID	Name	Label	Type	Format	Question
V284	a15a2a	Main Respondent Years Working In The Firm:	discrete	numeric	
V285	a15a3	main respondent's gender	discrete	numeric	
V286	a15a2b	Second Respondent Years Working In The Firm:	discrete	numeric	
V287	a15b3	second respondent's gender	discrete	numeric	
V288	a15a2c	Third Respondent Years Working In The Firm:	discrete	numeric	
V289	a15c3	Third respondent's gender	discrete	numeric	
V290	a15d	Day	contin	numeric	Time face-to-face interview ends
V291	a15m	Month	discrete	numeric	Time face-to-face interview ends
V292	a15y	Year	discrete	numeric	Time face-to-face interview ends
V293	a15h	Hour	discrete	numeric	Time face-to-face interview ends
V294	a15min	Minutes	contin	numeric	Time face-to-face interview ends
V295	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:
V296	a17	Responses To The Questions About Figures Are...	discrete	numeric	The responses to the questions regarding figures (productivity and employment numbers):
V297	a18	This Questionnaire Was Completed In:	discrete	numeric	This questionnaire was completed in:
V298	a19h	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Hours	discrete	numeric	
V299	a19m	If Option 2 Or 3 In A.18, Estimate Duration Of The Whole Interview: Minutes	contin	numeric	
V300	wstrict	Weight according to strict eligibility	contin	numeric	
V301	wmedian	Weight according to median eligibility	contin	numeric	
V302	wweak	Weight according to weak eligibility	contin	numeric	
V303	strata	group(a2 a4anew a6a)	contin	numeric	
V304	rec_number	Record Number	contin	numeric	
V305	V305	Preference	discrete	numeric	
V306	V306	A.1 Country Code	discrete	numeric	
V307	a11a	How Many Establishments Are Included In The Financial Statements?	discrete	numeric	How many establishments - counting the headquarters - are included in the financial statements kept in the headquarters?
V308	AFb3a	Gender Of Firm Owners	discrete	numeric	Are the owners of the firm:
V309	AFb3b	Is The Largest Owner Female?	discrete	numeric	Is the largest owner female?
V310	AFb4a	What Is The Nationality Of The Current Largest Owner?	discrete	numeric	What is the nationality of the current largest owner?
V311	AFb4a1	Nationality Of The Largest Owner If He/She Is African	discrete	numeric	What is the nationality of the current largest owner? African (specify)
V312	AFb4a4	Nationality Of The Largest Owner If He/She Is	discrete	numeric	What is the nationality of the current largest owner? Other Asian (specify)
V313	AFb7a	Highest Education Level Of The Current Top Manager	discrete	numeric	What is the highest level of education of the current top manager?
V314	AFb8a	Is The Establishment In An Export Processing Or Other Industrial Zone?	discrete	numeric	Is this establishment located in an export processing or other industrial zone?

ID	Name	Label	Type	Format	Question
V315	c18	% Of Water Supply (Used In Production) From Public Sources In Last Fiscal Year	discrete	numeric	In fiscal year 2009, what percent of this establishment's water supply, used in the production process, was from public sources?
V316	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?
V317	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?
V318	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?
V319	c23	Does The Firm Have A High-Speed, Broadband Internet Connection On Its Premises?	discrete	numeric	Does this establishment have a high-speed Internet connection on its premises?
V320	c24b	Is The Internet Connection Used To: Order Purchases For This Establishment?	discrete	numeric	Is this establishment's Internet connection used to: Make purchases for this establishment
V321	c24c	Is The Internet Connection Used To: Deliver Services To Your Clients?	discrete	numeric	Is this establishment's Internet connection used to: Deliver services to this establishment's clients
V322	c24d	Is Internet Used To: Do Research And Develop Ideas On New Products And Services?	discrete	numeric	Is this establishment's Internet connection used to: Do research and develop ideas on new products and services
V323	c29	Financing Source For The Cell Phones Used For Operation Of The Establishment	discrete	numeric	The majority of cell phones used for the operations of the establishment are?
V324	AFd3f	% Of Export Revenue To Neighboring Countries In Sub-Saharan Africa	discrete	numeric	In fiscal year 2009, what percent of this establishment's annual export revenue were to: Neighboring Countries within Sub-Saharan Africa
V325	AFd3g	% Of Export Revenue To Developed Countries	discrete	numeric	In fiscal year 2009, what percent of this establishment's annual export revenue were to: Developed Countries
V326	AFd3h	% Of Export Revenue To Other Countries	discrete	numeric	In fiscal year 2009, what percent of this establishment's annual export revenue were to: Other
V327	AFd5a	The Total Clearing Costs For Average Consignment As % Of Consignment Value	discrete	numeric	Thinking of the main point of exit, in fiscal year 2009, 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.
V328	AFd5b	% Of Consignments Handled By Outside Clearing Agent	discrete	numeric	In fiscal year 2009, what percent of this establishment's export consignments were handled by an outside clearing agent to facilitate customs clearance?
V329	AFd5c	% Of Export Containers Inspected By Custom Officials	discrete	numeric	In fiscal year 2009, what percent of this establishment's export containers were physically inspected by custom officials?
V330	AFd7a1	Does The Establishment Benefit From Exemptions From Duties On Imported Inputs?	discrete	numeric	In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes: Suspension or exemptions from duties on imported inputs

ID	Name	Label	Type	Format	Question
V331	AFd7a2	Does The Establishment Benefit From Profit Tax Exemption?	discrete	numeric	In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes: Profit tax exemption
V332	AFd7a3	Does The Establishment Benefit From Vat Reimbursement?	discrete	numeric	In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes: VAT reimbursement
V333	AFd7a4	Does The Establishment Benefit From Export Financing Scheme?	discrete	numeric	In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes: Export financing scheme, such as an export credit guarantee scheme
V334	AFd7a5	Does The Establishment Benefit From Other Export/Investment Incentive Scheme?	discrete	numeric	In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes: Other
V335	AFd7b	The Reason That The Establishment Didn	discrete	numeric	In fiscal year 2009, what was the MAIN reason that this establishment did NOT take advantage of any of the schemes listed above?
V336	AFd11a	How Many Years Have You Known Your Primary Supplier Of Your Main Input?	discrete	numeric	In fiscal year 2009, for how many years have you known this establishment's primary supplier of its main input?
V337	AFd11d	Did The Establishment Subcontract To Other Firms?	discrete	numeric	In fiscal year 2009, did this establishment subcontract any part of its production to other firms?
V338	e2	How Many Competitors Did This Establishment'S Main Product/Product Line Face?	discrete	numeric	In fiscal year 2009, for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face?
V339	AFe2a	How Many New Competitors Entered The Main Market Of Your Main Product Line?	discrete	numeric	In fiscal year 2009, how many NEW competitors entered the main market of this establishment's main product/product line?
V340	e7a	Does The Establishment Have Any Patents Abroad?	discrete	numeric	Does this establishment have any patents registered abroad?
V341	e7b	Does The Establishment Have Any Patents Registered In (Insert Name Of Country)?	discrete	numeric	Does this establishment have any patents registered in (insert name of country)?
V342	DRC3	Does This Establishment Have Any Other Legal Titles For The Use Of The Land?	discrete	numeric	Does this establishment have legal titles for the use of the land?
V343	DRC4	Do Others Have Legal Title To Use The Land Or Its Resources?	discrete	numeric	Do other individuals or entities have legal title to use the land or its resources?
V344	DRC5	In The Last 2 Years, Did This Establishment Have Any Disputes Over Land Titles?	discrete	numeric	In the last 2 years, did this establishment have any disputes over land titles?
V345	DRC6	# Of Disputes Over Land Titles In Past 2 Years	discrete	numeric	In the last 2 years, how many disputes over land titles did this establishment have?
V346	DRC7	# Of Weeks It Takes To Resolve On Land Disputes	discrete	numeric	On average, how many weeks did it take to resolve these disputes from the day the establishment first took action until the moment a resolution was reached?
V347	DRC8a	Cost Paid To Resolve Disputes Over Land Titles As % Of Sales	discrete	numeric	In fiscal year 2009, how much did it cost to resolve disputes over land titles as a percentage of total annual sales or as total costs?

ID	Name	Label	Type	Format	Question
V348	DRC8b	What Was The Cost Paid To Resolve Disputes Over Land Titles?	discrete	numeric	In fiscal year 2009, how much did it cost to resolve disputes over land titles as a percentage of total annual sales or as total costs?
V349	DRC9	Land Used As Collateral For A Loan?	discrete	numeric	In the last 2 years, did your establishment used or attempted to use its land as collateral for a loan?
V350	DRC10	How Much Did You Spend On Obtaining Proof Of Ownership Of The Land?	discrete	numeric	In the last 2 years, how much did this establishment spend on obtaining proof of ownership of the land to use its land as collateral for a loan?
V351	g7	Acquired Additional Land Or Buildings To Expand Operations In The Last 3 Years?	discrete	numeric	In the last three years, has this establishment acquired or attempted to acquire additional land or buildings to expand operations?
V352	g8a	In The Last 3 Years, Has This Est. Been Succes. In Acquiring Land ?	discrete	numeric	In the last three years, has this establishment been successful in acquiring land or new premises?
V353	k1a	% Of Material Inputs Or Services Purchases Paid For Before Delivery	discrete	numeric	In fiscal year 2009, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for before the delivery?
V354	k1b	% Of Material Inputs Or Services Purchases Paid For On Delivery	discrete	numeric	In fiscal year 2009, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for on delivery?
V355	k2a	% Of Total Annual Sales Paid For Before The Delivery In Last Fiscal Year	discrete	numeric	In fiscal year 2009, what percent of this establishment's total annual sales of its goods or services were: Paid for before the delivery?
V356	k2b	And What Percent Were: Paid On Delivery?	discrete	numeric	In fiscal year 2009, what percent of this establishment's total annual sales of its goods or services were: Paid for on delivery?
V357	AFk7a	Average Interest Rate For Overdraft	discrete	numeric	For this establishment's overdraft facility, what is the average interest rate?
V358	AFk8a	Was The Most Recent Credit In The Form Of?	discrete	numeric	Was this most recent credit in the form of?
V359	AFk10a	Average Interest Rate For The Most Recent Credit/Loan	discrete	numeric	What is the rate of interest of this most recent line of credit or loan?
V360	AFh1	The Court System Is Able To Enforce Its Decisions	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 able to enforce its decisions."
V361	AFh2	The Legal System Will Uphold My Contract & Property Rights	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. "I am confident that the legal system will uphold my contract and property rights in business disputes."
V362	AFh3a	Did You Have A Payment Dispute Over Payments Owed To You?	discrete	numeric	In the last 2 years, did your establishment have a payment dispute over payments owed to it in which a third party (such as arbiters, collecting agency or judicial system) was involved?
V363	AFh3b	Was The Court Used To Resolve The Payment Dispute?	discrete	numeric	Was the court system used to resolve this payment dispute?



ID	Name	Label	Type	Format	Question
V364	AFh3c	Was A Court Judgment Made For The Payment Dispute?	discrete	numeric	Was a court judgment made for this payment dispute?
V365	AFh3d	# Of Weeks The Courts Took To Come To Judgment On The Payment Dispute	discrete	numeric	How many weeks did it take the courts to come to judgment on this payment dispute (from the day the establishment first took court action until the moment a judgment was made)?
V366	AFh3e	Was This Decision Of The Court Enforced?	discrete	numeric	Was this decision of the court enforced?
V367	AFh3f	# Of Weeks It Took To Enforce The Court Judgment	contin	numeric	How many weeks did it take to enforce this court judgment?
V368	AFj8	% Of Annual Sales Reported For Tax Purposes	discrete	numeric	Recognizing the difficulties many establishments face in fully complying with taxes and regulations, at the present time what percent of total annual sales would you estimate the typical establishment in your line of business declares for tax purposes?
V369	AFi8a	# Of Part Time Workers Employed	discrete	numeric	At the end of fiscal year 2009, how many part-time workers-workers that work less than a full shift per day - were employed by the establishment?
V370	AFi12	% Of Workforce Unionized	discrete	numeric	What percent of this establishment's workforce is currently unionized?
V371	AFi14	How Did You Usually Find New Employees?	discrete	numeric	Over fiscal year 2009, how did this establishment usually find new employees?
V372	AFs1y	Do You Have Pre-Employment Health Check?	discrete	numeric	Does this establishment currently have a pre-employment health check for new employees?
V373	AFs1a	Has High Absenteeism Due To Sickness Affected Your Workforce	discrete	numeric	Have the following situations affected this establishment's workforce in the past 2 years: High absenteeism due to sickness
V374	AFs1b	Has High Absenteeism As Employees Need To Care Of Family Sickness Affected You?	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
V375	AFs2a	Has Absenteeism Due To Hiv/Aids Affected Your Workforce?	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
V376	AFs2b	Has Absenteeism As Employees Need To Care Of Family Hiv/Aids Affected You?	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
V377	AFs3a	Did You Send Out Hiv Prevention Messages To Employees?	discrete	numeric	Did this establishment undertake any of the following activities, in fiscal year 2009, to prevent HIV/AIDS among employees? HIV prevention messages
V378	AFs3b	Did You Distribute Free Condom To Employees?	discrete	numeric	Did this establishment undertake any of the following activities, in fiscal year 2009, to prevent HIV/AIDS among employees? Free condom distribution
V379	AFs3c	Did You Do Anonymous Hiv Testing Among Employees?	discrete	numeric	Did this establishment undertake any of the following activities, in fiscal year 2009, to prevent HIV/AIDS among employees? Anonymous HIV testing
V380	AFs4	Cost Of All Aids/Hiv Programs & Activities	discrete	numeric	In fiscal year 2009, how much did this establishment spend on all AIDS/HIV programs and activities?



ID	Name	Label	Type	Format	Question
V381	AFn2k	Total Annual Depreciation	discrete	numeric	For fiscal year 2009, please provide the following information about this establishment: Total annual depreciation
V382	a20a	Panel Interviews Control B.5	discrete	numeric	
V383	a20b	Panel Interviews Control B.6B	discrete	numeric	
V384	a15a3a	Main Respondent Gender	discrete	numeric	
V385	a15a3b	Second Respondent Gender	discrete	numeric	
V386	a15a3c	Third Respondent Gender	discrete	numeric	
V387	panel_fresh	Panel/Fresh Sample	discrete	numeric	
V388	weights_1	Strict Weights	contin	numeric	
V389	weights_2	Weak Weights	contin	numeric	
V390	weights_3	Median Weights	contin	numeric	



## WEB STD FIRMID (idstd)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 485201-550029

Valid cases: 888  
Invalid: 0  
Minimum: 485201  
Maximum: 550029

## ID number 2013 survey (id2013)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2-9974

Valid cases: 529  
Invalid: 359  
Minimum: 2  
Maximum: 9974

## Panel ID (idPANEL2010)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1-6001

Valid cases: 451  
Invalid: 437  
Minimum: 1  
Maximum: 6001

## (country)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: character  
Width: 3

Valid cases: 888  
Invalid: 0

## Year of survey (year)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2010-2013

Valid cases: 888  
Invalid: 0

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

### File: DRC\_2010\_2013\_Panel

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

## Record number (recnumber)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-523

Valid cases: 529  
Invalid: 359  
Minimum: 1  
Maximum: 523

## Preference (preference)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-7

Valid cases: 529  
Invalid: 359

## Rotation (rotation)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

## Questionnaire (a0)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

## Questionnaire (a0)

### File: DRC\_2010\_2013\_Panel

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

## Country Code (a1)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete	Valid cases: 888
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 19-115	

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Country: self-explanatory

## Language Of The Interview (a1a)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete	Valid cases: 888
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Sampling Region (a2)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete	Valid cases: 888
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

#### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

#### Interviewer instructions

Sampling region defines the region stratum of the establishment  
It is defined by the regional classification of the establishment in the sample frame

## Region Of The Establishment (a3a)

### File: DRC\_2010\_2013\_Panel

#### Overview

## Region Of The Establishment (a3a)

File: DRC\_2010\_2013\_Panel

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Is this city the official capital city?

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Is this city the main business city?

## Size Of Locality (a3)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Size Of Locality (a3)

File: DRC\_2010\_2013\_Panel

### Interviewer instructions

Location control variable: it is defined by the actual location of the establishment

## Industry Sampling Sector (a4a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

## Industry Screener Sector (a4b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

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

## Sector Match Between Screener Information And Sample Frame (a5)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Sector match between screener information and sample frame

### Interviewer instructions

Self-explanatory

## Sampling Size (a6a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment taken from the sample frame

## Screenner Size (a6b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Interviewer instructions

Size of the establishment as determined with the screener questionnaire

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
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: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-63

Valid cases: 888  
Invalid: 0  
Minimum: 1  
Maximum: 63

### Pre question



## Number Of Establishments In The Firm (a7a)

File: DRC\_2010\_2013\_Panel

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

## Type Of Establishment (a8)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 755  
Invalid: 133

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Type of establishment

### Interviewer instructions

Identifies type of establishment for those that are part of larger firms

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 699  
Invalid: 189

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Are establishment's financial statements prepared separately from HQ's statements?

### Interviewer instructions

Information taken from the screener questionnaire

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 688  
Invalid: 200

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

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

File: DRC\_2010\_2013\_Panel

Are establishment's financial statements prepared separately from other establishments of the same firm?

### Interviewer instructions

Information taken from the screener questionnaire

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 686  
Invalid: 202

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

If HQ, are financial statements independent from the rest of establishments?

### Interviewer instructions

Information taken from the screener questionnaire

## Interviewer Number (a12)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-20

Valid cases: 888  
Invalid: 0

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

Interviewer code

### Interviewer instructions

Information taken from the screener questionnaire

## Supervisor Number (a13)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-23

Valid cases: 888  
Invalid: 0

### Pre question

## Supervisor Number (a13)

### File: DRC\_2010\_2013\_Panel

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

Supervisor code

**Interviewer instructions**

Information taken from the screener questionnaire

## Day (a14d)

### File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 888  
 Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

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

**Interviewer instructions**

Self-explanatory

## Month (a14m)

### File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 888  
 Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

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

**Interviewer instructions**

Self-explanatory

## Year (a14y)

### File: DRC\_2010\_2013\_Panel

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2010-2014

Valid cases: 888  
 Invalid: 0

## Year (a14y)

File: DRC\_2010\_2013\_Panel

**Literal question**

Date face-to-face interview begins:

Year (yyyy)

## Hour (a14h)

File: DRC\_2010\_2013\_Panel

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 6-21

Valid cases: 888

Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

Time face-to-face interview begins:

Hour (00 to 23)

**Interviewer instructions**

Self-explanatory

## Minutes (a14min)

File: DRC\_2010\_2013\_Panel

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: 0-59

Valid cases: 888

Invalid: 0

**Pre question**

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

**Literal question**

Time face-to-face interview begins:

Minutes (00 to 59)

**Interviewer instructions**

Self-explanatory

## Legal Status of the Firm (b1)

File: DRC\_2010\_2013\_Panel

**Overview**

Type: Discrete

Format: numeric

Width: 2

Decimals: 0

Range: -9-6

Valid cases: 888

Invalid: 0

**Pre question**

## Legal Status of the Firm (b1)

### File: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: character  
Width: 30

Valid cases: 12  
Invalid: 0

#### Literal question

What is this firm's current legal status?

Other

#### Interviewer instructions

## Other (Specify) (b1x)

### File: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 593  
Invalid: 295

#### Literal question

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

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

### File: DRC\_2010\_2013\_Panel

#### Overview

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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 888  
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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
 Invalid: 1

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 886  
 Invalid: 2

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%



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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

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

### Interviewer instructions

Self-Explanatory

## What percentage of the firm is owned by females? (b4a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 89  
Invalid: 799

### Literal question

What percentage of the firm is owned by females?

## Year Establishment Began Operations (b5)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2012

Valid cases: 887  
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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2010

Valid cases: 870  
Invalid: 18

### 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.

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 883  
Invalid: 5

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2013

Valid cases: 871  
Invalid: 17

### 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.

Was permission from the spouse of any married female owner requested? (DRCb1)

File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 488  
Invalid: 400

#### Literal question

When this establishment was formally registered was permission from the spouse of any married female owner requested for the business to be registered by the Ministre de l'conomie nationale?

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

File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-66

Valid cases: 876  
Invalid: 12

#### 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.

What is the main reason why the Top Manager decided to work in this sector? (DRCb2)

File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 529  
Invalid: 359

#### Literal question

What is the main reason why the Top Manager decided to work in this sector?

Is The Top Manager Female? (b7a)

File: DRC\_2010\_2013\_Panel

#### Overview

## Is The Top Manager Female? (b7a)

File: DRC\_2010\_2013\_Panel

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

Valid cases: 887  
 Invalid: 1

**Literal question**

Is the Top Manager female?

## Is the Top Manager also the owner or one of the owners of the firm? (DRCb3)

File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 529  
 Invalid: 359

## Is the Top Manager married? (DRCb4)

File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 529  
 Invalid: 359

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

File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 873  
 Invalid: 15

**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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING. Now, we turn to the establishment's operations in fiscal year 2009.

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 115  
Invalid: 773

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 121  
Invalid: 767

### Literal question

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

### Interviewer instructions

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

File: DRC\_2010\_2013\_Panel

- 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 767  
Invalid: 121

### Literal question

In a typical month, over fiscal year 2009, 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.

## How Long Did The Average Power Outage Last? (c8)

File: DRC\_2010\_2013\_Panel

## How Long Did The Average Power Outage Last? (c8)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 719  
Invalid: 169

### Literal question

How long did these power outages last on average?

### Interviewer instructions

This refers to the duration of the power outages in a typical month. The respondent should calculate average duration of power outages in the typical month.

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 727  
Invalid: 161

### Literal question

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

Loss as percent of total annual sales due to power outages

### Post question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-4500000000

Valid cases: 39  
Invalid: 849

### Literal question

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

Annual losses due to power outages

### Post question

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

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Literal question

Over the course of fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 481  
Invalid: 407

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-770

Valid cases: 42  
Invalid: 846

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 44  
Invalid: 844

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 362  
Invalid: 526

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-104

Valid cases: 59  
Invalid: 829

### Literal question

In a typical month, over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-480

Valid cases: 52  
Invalid: 836

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Literal question

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

### Interviewer instructions

E-mail and website use.

Web page should be considered as part of the website.

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

## Establishment has its own website (c22b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Literal question

At the present time, does this establishment use 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.

## Cell phones used in operations of the establishment (c28)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Literal question

Does this establishment currently use cell phones for the operations of the establishment?

### Post question

If answer is No or Do Not Know then GO TO QUESTION C.30

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### 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.

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 886  
Invalid: 2

### Pre question

SHOW CARD

### Literal question

Is Telecommunications 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: character  
Width: 60

Valid cases: 888  
Invalid: 0

### Pre question

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

### Literal question

In fiscal year 2009, 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.

## First Product/Service Isic Code (d1a2)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 866  
Invalid: 22  
Minimum: 1511  
Maximum: 7290

### 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

## First Product/Service Isic Code (d1a2)

### File: DRC\_2010\_2013\_Panel

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

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

For the codes use United Nations ISIC Rev.3.1.

## First Product/Service, Percent Of Total Annual Sales (d1a3)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 874  
Invalid: 14

#### Literal question

What percentage of total sales does the main product represent?

#### Interviewer instructions

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

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

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 15  
Decimals: 0  
Range: -9-6480000000000000

Valid cases: 771  
Invalid: 117

#### Literal question

In fiscal year 2009, what were this establishment's total annual sales?

#### Interviewer instructions

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

## d2x - amount in letters (d2x)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: character  
Width: 85

Valid cases: 482  
Invalid: 0

#### Literal question

## d2x - amount in letters (d2x)

## File: DRC\_2010\_2013\_Panel

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

**Interviewer instructions**

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

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

## File: DRC\_2010\_2013\_Panel

**Overview**

Type: Discrete  
Format: numeric  
Width: 13  
Decimals: 0  
Range: -9-5908728434480

Valid cases: 768  
Invalid: 120

**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: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 888  
Invalid: 0

**Pre question**

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

**Literal question**

In fiscal year 2009, what percent of this establishment's sales were:  
National sales

**Post question**

IF 100, GO TO QUESTION D.10

**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: Indirect exports (d3b)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 888  
Invalid: 0

#### Pre question

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

#### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 887  
Invalid: 1

#### Pre question

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

#### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 24  
Invalid: 864

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 24  
Invalid: 864

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 26  
Invalid: 862

### Literal question



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

File: DRC\_2010\_2013\_Panel

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2013

Valid cases: 66  
Invalid: 822

### 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.

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 600  
Invalid: 288

### Literal question

In fiscal year 2009, what percent of the consignment 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 280  
Invalid: 608

### Literal question

In fiscal year 2009, what percent of the consignment value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 361  
Invalid: 527

### Pre question

SHOW CARD

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 362  
Invalid: 526

### Pre question

SHOW CARD

### Literal question

In fiscal year 2009, 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.16

### Interviewer instructions

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

File: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 178  
Invalid: 710

### Literal question

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

### Post question

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

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-230

Valid cases: 69  
Invalid: 819

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

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.

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 357  
Invalid: 531

### Literal question

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

### Post question

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

### Interviewer instructions

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

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

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 221  
Invalid: 667  
Minimum: -9  
Maximum: 365

### Literal question

At the present time, when this establishment receives its main sales item, on average, how many days of inventory measured in days of sales, does this establishment keep?

### Post question

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

File: DRC\_2010\_2013\_Panel

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

### Interviewer instructions

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

The main sales item is the item that accounts for the highest percentage of sales among all items that the establishment sells. It is not the item for which stock is maintained the longest.

Days of inventory should be calculated as how many days it would take, under normal sales conditions, to deplete the main sales item held in supply at the establishment's premises.

## Was the spouse's co-signature of a married female owners/top manager required? (DRCd2)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

## How long did it take, on average, to obtain the required co-signature? (Days) (DRCd3)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 11  
Invalid: 877

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
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?

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

File: DRC\_2010\_2013\_Panel

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 884  
Invalid: 4

### 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

## What is the main agricultural products processed by this establishment? (DRCd4a)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-11

Valid cases: 38  
Invalid: 850

## What is the second main agricultural products processed by this establishment? (DRCd4b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

What are the two main agricultural products processed by this establishment?

## Other specify (DRCd4x)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: character  
Width: 24

Valid cases: 23  
Invalid: 0

#### Literal question

What are the two main agricultural products processed by this establishment?

## Percentage of main product bought from cooperatives/farmers associations (DRCd5a)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 38  
Invalid: 850

#### Literal question

In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers?  
Cooperatives or farmers associations

## Percentage of main agricultural product bought from individual farmers (DRCd5b)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 38  
Invalid: 850

#### Literal question

In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers?  
Individual farmers

## Percentage of main agricultural product bought from traders and middlemen (DRCd5c)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 38  
Invalid: 850

#### Literal question

## Percentage of main agricultural product bought from traders and middlemen (DRCd5c)

File: DRC\_2010\_2013\_Panel

In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers?

Traders and middlemen

## Percentage of main product bought from production of own raw materials (DRCd5d)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers?

Production of own raw materials

## Percentage of main agricultural product bought from other sources (DRCd5e)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

In fiscal year 2012, what percentage of the main agricultural product processed by this establishment was bought from each of the following suppliers?

Other

## Does this establishment belong to one or more associations? (DRCd6)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

Does this establishment belong to one or more associations which link together producers and processors within your filire?



## In what year did this establishment join this association? (DRCd7)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2011

Valid cases: 9  
Invalid: 879

### Literal question

In what year did this establishment join this association (or the association considered as the most relevant for this establishment's business)?

## How much did this establishment pay in annual membership fees? (DRCd8)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 9  
Invalid: 879

### Literal question

In fiscal year 2012 how much did this establishment pay in annual membership fees (if any) to the association?

## In fiscal year 2012, how many times did this association meet? (DRCd9)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 9  
Invalid: 879

### Literal question

In fiscal year 2012 how many times did this association meet?

## What are the main benefits of being part of this association? (DRCd10)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 9  
Invalid: 879

### Literal question

What is the main benefits for this establishment from being part of this association?

## To what degree is the Participation in this association beneficial? (DRCd11)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 9
Format: numeric	Invalid: 879
Width: 2	
Decimals: 0	
Range: -9-4	

### Literal question

Using the response options on the card; To what degree is the Participation in this association beneficial to the current operations of this establishment?

## What is the avg distance to farms or cooperatives from which inputs are bought? (DRCd12)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 38
Format: numeric	Invalid: 850
Width: 3	
Decimals: 0	
Range: -9-410	

### Literal question

What is the average distance in kilometers from this establishment to farms or cooperatives from which inputs are bought?

## How long would it take, on average, to travel this distance by road? (DRCd13)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 13
Format: numeric	Invalid: 875
Width: 3	
Decimals: 0	
Range: -9-720	

### Literal question

How long would it take, on average, to travel this distance by road?

## What percentage were transported to the customer via road (DRCd14a)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 38
Format: numeric	Invalid: 850
Width: 3	
Decimals: 0	
Range: -9-100	

### Literal question

## What percentage were transported to the customer via road (DRCd14a)

File: DRC\_2010\_2013\_Panel

Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Road

## What percentage were transported to the customer via rail (DRCd14b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Rail

## What percentage were transported to the customer via river (DRCd14c)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via River

## What percentage were transported to the customer via air (DRCd14d)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Air

## What percentage were transported to the customer via sea (DRCd14e)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

Consider this establishment's sales. Please provide the percentage breakdown for the means of transportation used. What percentage were transported to the customer via Sea

## In fiscal year 2012 did this establishment sell its product to an intermediary? (DRCd15)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

In fiscal year 2012 did this establishment sell its product to an intermediary?

## Estimated percentage spent on transport (DRCd16)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

Consider the unit price (for example per kg or per ton) that this establishment's main product is finally sold for, what percentage of that price would you estimate is spent on transport from this establishment to the customer?

## Is there any warehouse close to this establishment's location? (DRCd17)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 38  
Invalid: 850

### Literal question

## Is there any warehouse close to this establishment's location? (DRCd17)

File: DRC\_2010\_2013\_Panel

As per your knowledge, is there any warehouse close to this establishment's location which can be used to store raw materials or finished products before or after processing?

## In fiscal year 2012 did this establishment utilize any of these warehouses? (DRCd18)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 22  
Invalid: 866

### Literal question

In fiscal year 2012 did this establishment utilize any of these warehouses?

## Who is the owner of the warehouse? (DRCd19)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 22  
Invalid: 866

### Literal question

Referring to the warehouse most recently used by this establishment to store raw materials or finished products, who is the owner of the warehouse?

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 363  
Invalid: 525

### Pre question

- 1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: Now we will talk about another topic.
- 2) SHOW CARD

### Literal question

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

### Post question

If answer is 3 or Don't Know then GO TO QUESTION E.6

### Interviewer instructions

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

### File: DRC\_2010\_2013\_Panel

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

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

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

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

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

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 240  
Invalid: 648

#### Literal question

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

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

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 362  
Invalid: 526

#### 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: DRC\_2010\_2013\_Panel

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 862  
Invalid: 26

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### 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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING

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

### Literal question

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

### Interviewer instructions

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

File: DRC\_2010\_2013\_Panel

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 220  
Invalid: 668

### Literal question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

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

### Interviewer instructions

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

## New or significantly improved logistics, delivery, or distribution methods? (h4a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359



## New or significantly improved logistics, delivery, or distribution methods? (h4a)

File: DRC\_2010\_2013\_Panel

### Literal question

During the last three years, has this establishment introduced any new or significantly improved logistics, delivery, or distribution methods for inputs, products, or services?

## New or significantly improved organizational structures/management practices? (h4b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Pre question

SHOW CARD

### Literal question

During the last three years, has this establishment introduced any new or significantly improved supporting activities for your processes, such as maintenance systems or operations for purchasing, accounting, or computing?

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

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

File: DRC\_2010\_2013\_Panel

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

**Interviewer instructions**

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

INTERVIEWER: Research and development (R&D) is defined as creative work undertaken on a systematic basis in order to increase the stock of knowledge. For example, laboratory research for a new chemical compound of paint would be research and development while market research surveys or internet surfing would not be research and development.

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

File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 529  
Invalid: 359

**Pre question**

SHOW CARD

**Literal question**

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

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

File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 529  
Invalid: 359

**Literal question**

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

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

File: DRC\_2010\_2013\_Panel

**Overview**

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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 351  
Invalid: 537

### Pre question

READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: We now change the topic.

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 362  
Invalid: 526

### Literal question

In fiscal year 2009, how many hours per week did this establishment normally operate?

### Interviewer instructions

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

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 632  
Invalid: 256

### Pre question

SHOW CARD

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

File: DRC\_2010\_2013\_Panel

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 633  
Invalid: 255

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 632  
Invalid: 256

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: The next topic to be covered is about the land.  
2) INTERVIEWER: SHOW CARD

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

INTERVIEWER: SHOW CARD

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 885  
Invalid: 3

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 879  
Invalid: 9

### Literal question

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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 47  
Invalid: 841

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 56  
Invalid: 832

### Literal question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous	Valid cases: 238
Format: numeric	Invalid: 650
Width: 5	Minimum: 3
Decimals: 0	Maximum: 12000
Range: 3-12000	

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 238
Format: numeric	Invalid: 650
Width: 1	
Decimals: 0	
Range: 1-3	

### Literal question

What is the total selling area of this establishment?

### Post question

SPECIFY UNITS  
 Square Feet  
 Square Yards  
 Square Meters

### 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: DRC\_2010\_2013\_Panel

### Overview

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

### Literal question

What is the total selling area of this establishment?

### Post question

SPECIFY UNITS  
 Other

### 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.

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 869  
Invalid: 19

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

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

### Literal question

In fiscal year 2009, 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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 297  
Invalid: 591

### Literal question

In fiscal year 2009, 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 i2a and i2b



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

File: DRC\_2010\_2013\_Panel

### Interviewer instructions

How much pay for security. Self-explanatory

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-190763285

Valid cases: 113  
Invalid: 775

### Literal question

In fiscal year 2009, 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 i2a and i2b

### Interviewer instructions

How much pay for security. Self-explanatory

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 886  
Invalid: 2

### Literal question

In fiscal year 2009, 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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 136  
Invalid: 752

### Literal question

In fiscal year 2009, 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 i4a and i4b

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-55000000

Valid cases: 47  
Invalid: 841

### Literal question

In fiscal year 2009, 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 i4a and i4b

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
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 Material Inputs Or Services Paid For After Delivery (k1c)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Literal question

In fiscal year 2009, 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 TO 100%

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 882  
Invalid: 6

### Pre question

SHOW CARD

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

INTERVIEWER: SHOW CARD

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

File: DRC\_2010\_2013\_Panel

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-13800000000

Valid cases: 375  
Invalid: 513

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-19530000000

Valid cases: 342  
Invalid: 546

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 392  
Invalid: 496

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 392  
Invalid: 496

### Pre question

SHOW CARD

### Literal question

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

File: DRC\_2010\_2013\_Panel

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 392  
Invalid: 496

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 392  
Invalid: 496

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 391  
Invalid: 497

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2009, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources?

Purchases on credit from suppliers and advances from customers

### Interviewer instructions

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

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

2) INTERVIEWER: CHECK THAT TOTAL SUMS TO 100%

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 391  
Invalid: 497

### Literal question

Over fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 874  
Invalid: 14

### 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: DRC\_2010\_2013\_Panel

Checking/ savings account. Self-explanatory

## Was the account opened by a married female owner or top manager? (DRCK1)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 286  
Invalid: 602

### Literal question

Was the checking/current or saving account opened by a married female owner or top manager?

## Permission from spouse of any married female owner or top manager required (DRCK2)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 36  
Invalid: 852

### Literal question

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 870  
Invalid: 18

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 873  
Invalid: 15

### 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).

## Was the line of credit/loan requested by any married female owner/top manager? (DRCK3)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 47  
Invalid: 841

### Literal question

Referring to the most recent line of credit or loan, was the line of credit or loan requested by any married female owner or top manager?

## Was permission required from the spouse of any married female owner/top manager? (DRCK4)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 7  
Invalid: 881

### Literal question

Was permission required from the spouse of any married female owner or top manager to be able to request or sign the most recent line of credit or loan?

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 94  
Invalid: 794

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

Institutions that granted loan. Self-explanatory

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2013

Valid cases: 92  
Invalid: 796

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-20000000000

Valid cases: 86  
Invalid: 802

### 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: DRC\_2010\_2013\_Panel

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 94  
Invalid: 794

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 68  
Invalid: 820

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 67  
Invalid: 821

### 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

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

File: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 67  
Invalid: 821

### Literal question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 68  
Invalid: 820

### 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: DRC\_2010\_2013\_Panel

### Overview

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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 67  
Invalid: 821

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-900000000000

Valid cases: 61  
Invalid: 827

### Literal question

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

## Was permission required for any married female owners or top manager? (DRCK5)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 30  
Invalid: 858

### Literal question

Referring only to this most recent line of credit or loan, was permission required for any married female owners or top manager to be able to use any property as collateral?

## How long did it take, on average, to obtain the permission? (Days) (DRCK5a)

File: DRC\_2010\_2013\_Panel

### Overview

How long did it take, on average, to obtain the permission? (Days)  
(DRCK5a)

File: DRC\_2010\_2013\_Panel

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-46

Valid cases: 31  
Invalid: 857

What is the total nr of outstanding loans or lines of credit held by this firm? (k15b)

File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 39  
Invalid: 849

#### Literal question

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

What is the total value of outstanding loans/lines of credit held by this firm? (k15c)

File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: -9-16200000

Valid cases: 4  
Invalid: 884

#### Literal question

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

Do you have any outstanding personal loans? (k15d)

File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 529  
Invalid: 359

#### Literal question

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



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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 872  
Invalid: 16

### Literal question

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

### Post question

If answer is Yes or Don't Know then GO TO QUESTION K.21

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 657  
Invalid: 231

### 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 2009?

### Interviewer instructions

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

## What was the outcome of the application for line of credit or loan? (k20a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 90  
Invalid: 798

### Literal question

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 880  
Invalid: 8

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 878  
Invalid: 10

### 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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 878  
Invalid: 10

### Pre question

SHOW CARD

### Literal question

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

### Interviewer instructions

Self-explanatory

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 857  
Invalid: 31

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-144

Valid cases: 797  
Invalid: 91

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 807  
Invalid: 81

### Literal question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 881  
Invalid: 7

### 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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 110  
Invalid: 778

### 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

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

File: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 813  
Invalid: 75

### 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 j7a and j7b

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-112000000

Valid cases: 42  
Invalid: 846

### 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

## Total Annual Informal Payment (j7b)

File: DRC\_2010\_2013\_Panel

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH j7a and j7b

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 881  
Invalid: 7

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 92  
Invalid: 796

### Literal question

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

### Interviewer instructions

Wait for import license Self-explanatory

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

File: DRC\_2010\_2013\_Panel

### Overview

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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 92  
Invalid: 796

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 879  
Invalid: 9

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-210

Valid cases: 78  
Invalid: 810

### Literal question

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

### Interviewer instructions

Wait for operating license. Self-explanatory

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 80  
Invalid: 808

### Literal question

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

### Interviewer instructions

Sensitive question, no clarification can be offered

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 873  
Invalid: 15

### Pre question

SHOW CARD

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 875  
Invalid: 13

### Pre question

SHOW CARD

### 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: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 876  
Invalid: 12

#### Pre question

SHOW CARD

#### 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: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 871  
Invalid: 17

#### Pre question

SHOW CARD

#### 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.

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: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 877  
Invalid: 11

#### Pre question

SHOW CARD

#### Literal question

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

### File: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 872  
Invalid: 16

#### Pre question

SHOW CARD

#### 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 (l1)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3500

Valid cases: 888  
Invalid: 0

#### Pre question

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

#### Literal question

At the end of fiscal year 2009, 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 (l2)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-3500

Valid cases: 869  
Invalid: 19

### 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 l1

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1000

Valid cases: 364  
Invalid: 524

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2009, how many permanent, full-time employees were:  
Production workers

### Interviewer instructions

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

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

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

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2500

Valid cases: 364  
Invalid: 524

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2009, how many permanent, full-time employees were:  
Non-production workers [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. Full-time Employees At End Of Last Fiscal Yr: Skilled Production Workers (l4a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 364  
Invalid: 524

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2009, how many permanent, full-time employees were:  
Skilled production workers

### Interviewer instructions

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

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 364  
Invalid: 524

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-28

Valid cases: 360  
Invalid: 528

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 358  
Invalid: 530

### Pre question

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

File: DRC\_2010\_2013\_Panel

INTERVIEWER: READ EACH CATEGORY

### Literal question

At the end of fiscal year 2009, how many permanent full-time employees of this establishment for the following categories were female?

Female permanent full-time non-production employees

### Interviewer instructions

Self explanatory

## Num. Full-time Employees At End Of Last Fiscal Yr: female (l5)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 524  
Invalid: 364

### Literal question

At the end of fiscal year 2009, how many permanent full-time employees of this establishment for the following categories were female?

## Are female employees working in this firm entitled to take maternity leave? (DRCI1)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 323  
Invalid: 565

### Literal question

Are female permanent full-time employees working in this establishment entitled to take maternity leave?

## How many female full-time permanent employees were eligible for maternity leave? (DRCI2)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 288  
Invalid: 600

## How many female full-time permanent employees made use of the maternity leave? (DRCI3)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 184  
Invalid: 704

## Is there any work activity that female employees are forbidden to perform? (DRCI4)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 323  
Invalid: 565

## Num. Full-Time Temporary Employees At End Of Last Fiscal Yr (I6)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2395

Valid cases: 884  
Invalid: 4

### Literal question

How many full-time temporary employees did this establishment employ in fiscal year 2009?

### Post question

IF 0, GO TO QUESTION L.9a

### 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.

## Full-time female seasonal or temporary workers employed last fiscal year (I6a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 157  
Invalid: 731

### Literal question

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 313  
Invalid: 575

### Literal question

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

### Interviewer instructions

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

## Average Years Of Education For Typical Production Worker (l9a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 351  
Invalid: 537

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 243  
Invalid: 645

### Literal question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview



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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 643  
Invalid: 245

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 886  
Invalid: 2

### Literal question

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

### Post question

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

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 56  
Invalid: 832

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

Referring to the training programs run over fiscal year 2009, what percent of permanent, full-time employees of the following categories received formal training?

Production full-time permanent employees trained

### Interviewer instructions

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

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 56  
Invalid: 832

### Pre question

INTERVIEWER: READ EACH CATEGORY

### Literal question

Referring to the training programs run over fiscal year 2009, 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

## Over the last two years, did this establishment hire any employee? (DRC15)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

Over the last two years, did this establishment hire any employee?

## Was any of the employees hired over the last two years a married woman? (DRC16)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 190  
Invalid: 698

### Literal question

Was any of the employees hired over the last two years a married woman?

## Spouse's permission required for this firm to hire any of these married women? (DRC17)

File: DRC\_2010\_2013\_Panel

### Overview

## Spouse's permission required for this firm to hire any of these married women? (DRCI7)

File: DRC\_2010\_2013\_Panel

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

Valid cases: 52  
Invalid: 836

### Literal question

Was permission from the spouse required for this establishment to be able to hire any of these married women?

## Reasons for not hiring married women: Married women's family commitments (DRCI8a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 130  
Invalid: 758

### Literal question

Was any of the following a reason for not hiring married women?  
Married women's family commitments

## Reasons for not hiring married women: Written permission of spouse needed (DRCI8b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 130  
Invalid: 758

### Literal question

Was any of the following a reason for not hiring married women?  
Need of obtaining written permission by the spouse

## Reasons for not hiring married women: Government regulations (DRCI8c)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 130  
Invalid: 758

### Literal question

## Reasons for not hiring married women: Government regulations (DRC18c)

File: DRC\_2010\_2013\_Panel

Was any of the following a reason for not hiring married women?  
Governments regulations such as working hours or maternity leave

## Was any of the following a reason for not hiring married women? Lack of skills (DRC18d)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 130
Format: numeric	Invalid: 758
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Was any of the following a reason for not hiring married women?  
Lack of skills

## Over the last two years, did this establishment fire any employee? (DRC19)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 529
Format: numeric	Invalid: 359
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Over the last two years, did this establishment fire any employee?

## Was any of the employees fired over the last two years a married woman? (DRC110)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 95
Format: numeric	Invalid: 793
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Was any of the employees fired over the last two years a married woman?

## Reason for firing married woman: Reduction in the amount of business (DRCI11a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 7  
Invalid: 881

### Literal question

Was any of the following a reason for firing any married woman over the last two years?  
Reduction in the amount of business

## Reason for firing married woman: Spousal request to fire the employee (DRCI11b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 7  
Invalid: 881

### Literal question

Was any of the following a reason for firing any married woman over the last two years?  
Spousal request to fire the employee

## Reason for firing married woman: Lack of skills of the employee (DRCI11c)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 7  
Invalid: 881

### Literal question

Was any of the following a reason for firing any married woman over the last two years?  
Lack of skills of the employee

## Does this establishment have night shifts? (DRCI12)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

## Does this establishment have night shifts? (DRCI12)

File: DRC\_2010\_2013\_Panel

Does this establishment have night shifts?

## Are female employees allowed to work on these night shifts?

(DRCI13)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 188  
Invalid: 700

### Literal question

Are female employees allowed to work on these night shifts?

## Did any of this establishment's male permanent full-time employees retire? (DRCI14)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

Over the last two years, did any of this establishment's male permanent full-time employees retire?

## What was the average age of the male employees which retired? (DRCI15)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 16  
Invalid: 872

### Literal question

What was the average age of the male permanent full-time employees which retired from this establishment over the last two years?

## Did any of this establishment's female permanent full-time employees retire? (DRCI16)

File: DRC\_2010\_2013\_Panel

## Did any of this establishment's female permanent full-time employees retire? (DRCI16)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 529  
Invalid: 359

### Literal question

Over the last two years, did any of this establishment's female permanent full-time employees retire?

## What was the avg age of the female employees which retired? (DRCI17)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 4  
Invalid: 884

### Literal question

What was the average age of the female permanent full-time employees which retired from this establishment over the last two years?

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### 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: DRC\_2010\_2013\_Panel

### Overview

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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 886  
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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 887  
Invalid: 1

### Pre question

SHOW CARD with ROTATION

### Literal question

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

### Interviewer instructions

Self-explanatory

## Rotation Order (m1d)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Literal question

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

Rotation



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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-102324192000

Valid cases: 828  
Invalid: 60

### Pre question

1) READ THE FOLLOWING TO THE RESPONDENT BEFORE PROCEEDING: Now, we would like to ask you a few questions about the financial results of this establishment. It is important that this information be as accurate as possible. The individual data are treated as confidential - the identity of your establishment will not be revealed at any point. Please provide the following information from the financial statements of this establishment.

2) SHOW CARD

3) READ OUT

### Literal question

For fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-9300000000000

Valid cases: 345  
Invalid: 543

### Pre question

1) SHOW CARD

2) READ OUT

### Literal question

For fiscal year 2009, please provide the following information about this establishment:

Total annual cost of raw materials and intermediate goods used in production

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

File: DRC\_2010\_2013\_Panel

### 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 Fuel In Last Fiscal Year (n2f)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-334800000000

Valid cases: 344  
Invalid: 544

### Pre question

- 1) SHOW CARD
- 2) READ OUT

### Literal question

For fiscal year 2009, please provide the following information about this establishment:  
Total annual costs of fuel

### Interviewer instructions

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

### File: DRC\_2010\_2013\_Panel

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: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-11160000000

Valid cases: 827  
Invalid: 61

#### Pre question

- 1) SHOW CARD
- 2) READ OUT

#### Literal question

For fiscal year 2009, please provide the following information about this establishment:

Total annual costs of electricity

#### Interviewer instructions

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

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

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

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

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

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

## Machinery, vehicles and equipment (n2ra)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-109000000

Valid cases: 243  
Invalid: 645

### Literal question

From the financial reports for fiscal year [insert last complete fiscal year], please provide the following information about this establishment:

Total annual cost of labor including wages, salaries, bonuses, social security payments

## Land and building (n2rb)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-121440000

Valid cases: 243  
Invalid: 645

### Literal question

From the financial reports for fiscal year [insert last complete fiscal year], please provide the following information about this establishment:

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-248795709298

Valid cases: 194  
Invalid: 694

### Pre question

- 1) SHOW CARD
- 2) READ OUT

### Literal question

For fiscal year 2009, please provide the following information about this establishment:

Total annual cost of finished goods/materials bought to resell

### Interviewer instructions

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

File: DRC\_2010\_2013\_Panel

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

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

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

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

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

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

## Other Cost Of Production (n2j)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-27473412683

Valid cases: 326  
Invalid: 562

### Pre question

- 1) SHOW CARD
- 2) READ OUT

### Literal question

For fiscal year 2009, please provide the following information about this establishment:  
Other cost of production not included above

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-125856184289

Valid cases: 335  
Invalid: 553

### Literal question

At the end of fiscal year 2009, what was the net book value, that is the value of assets after depreciation, of the following:  
Machinery, vehicles, and equipment

### Interviewer instructions

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

File: DRC\_2010\_2013\_Panel

Net book value equals the purchase value minus depreciation.

The net book value represents the actual cost of assets at the time they were acquired, including all costs incurred in making the assets usable (such as transportation and installation) minus depreciation accumulated since the date of purchase. Included in the assets are all buildings, structures, machinery, and equipment (production, office, and transportation equipment) for which depreciation reserves are maintained. Accordingly, the value of assets at the end of the year includes the value of construction in progress.

## Net Book Value Of Land And Buildings In Last Fiscal Year (n6b)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-46000000000

Valid cases: 324  
Invalid: 564

### Literal question

At the end of fiscal year 2009, what was the net book value, that is the value of assets after depreciation, of the following:  
Land and buildings

### Interviewer instructions

Net book value equals the purchase value minus depreciation.

The net book value represents the actual cost of assets at the time they were acquired, including all costs incurred in making the assets usable (such as transportation and installation) minus depreciation accumulated since the date of purchase. Included in the assets are all buildings, structures, machinery, and equipment (production, office, and transportation equipment) for which depreciation reserves are maintained. Accordingly, the value of assets at the end of the year includes the value of construction in progress.

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -9-930000000000

Valid cases: 343  
Invalid: 545

### Literal question

Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost?  
Machinery, vehicles, and equipment

### Interviewer instructions

This question is designed to ascertain the market value of the establishment's assets. Data on equipment is the most important. You can ask the manager to estimate the market value if all of the equipment, land and buildings were sold on the open market. If the respondent states that there is no market, ask how much the respondent would be willing to pay for the capital, knowing what it can produce in its current condition. Estimate how much it would cost to buy machinery in the current market which is similar in terms of age and characteristics. This estimate is to give an indication of the capital intensity of the firm. Keep in mind that it is one of the most important questions on the questionnaire.

## Cost For Establishment To Re-Purchase All Of Its Land And Buildings (n7b)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 321
Format: numeric	Invalid: 567
Width: 11	
Decimals: 0	
Range: -9-46000000000	

### Literal question

Hypothetically, if this establishment were to purchase the assets it uses now, in their current condition, how much would they cost?

Land and buildings

### Interviewer instructions

This question is designed to ascertain the market value of the establishment's assets. Data on equipment is the most important. You can ask the manager to estimate the market value if all of the equipment, land and buildings were sold on the open market. If the respondent states that there is no market, ask how much the respondent would be willing to pay for the capital, knowing what it can produce in its current condition. Estimate how much it would cost to buy machinery in the current market which is similar in terms of age and characteristics. This estimate is to give an indication of the capital intensity of the firm. Keep in mind that it is one of the most important questions on the questionnaire.

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 886
Format: numeric	Invalid: 2
Width: 2	
Decimals: 0	
Range: 1-55	

### Pre question

Please complete the following information about the interviewee(s)

## main respondent's gender (a15a3)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 529
Format: numeric	Invalid: 359
Width: 1	
Decimals: 0	
Range: 1-2	

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

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 95
Format: numeric	Invalid: 793
Width: 2	
Decimals: 0	
Range: 1-45	

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

### File: DRC\_2010\_2013\_Panel

#### Pre question

Please complete the following information about the interviewee(s)

## second respondent's gender (a15b3)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 42  
Invalid: 846

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

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-35

Valid cases: 24  
Invalid: 864

#### Pre question

Please complete the following information about the interviewee(s)

## Third respondent's gender (a15c3)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 8  
Invalid: 880

## Day (a15d)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 888  
Invalid: 0  
Minimum: 1  
Maximum: 31

#### Literal question

Time face-to-face interview ends



## Month (a15m)

File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 888  
 Invalid: 0

**Literal question**

Time face-to-face interview ends

## Year (a15y)

File: DRC\_2010\_2013\_Panel

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2010-2014

Valid cases: 888  
 Invalid: 0

**Literal question**

Time face-to-face interview ends

## Hour (a15h)

File: DRC\_2010\_2013\_Panel

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 8-22

Valid cases: 888  
 Invalid: 0

**Literal question**

Time face-to-face interview ends

## Minutes (a15min)

File: DRC\_2010\_2013\_Panel

**Overview**

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

Valid cases: 888  
 Invalid: 0  
 Minimum: 0  
 Maximum: 59

**Literal question**

Time face-to-face interview ends

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

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

INTERVIEWERS PLEASE ANSWER AT END OF THE INTERVIEW

### Literal question

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

## Responses To The Questions About Figures Are... (a17)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Literal question

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

## This Questionnaire Was Completed In: (a18)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 888  
Invalid: 0

### Pre question

SUPERVISORS PLEASE ANSWER

### Literal question

This questionnaire was completed in:

### 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: DRC\_2010\_2013\_Panel

### Overview

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

File: DRC\_2010\_2013\_Panel

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

Valid cases: 182  
Invalid: 706

### 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: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-58

Valid cases: 182  
Invalid: 706  
Minimum: 0  
Maximum: 58

## Weight according to strict eligibility (wstrict)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-13.7558943202472

Valid cases: 529  
Invalid: 359  
Minimum: 1  
Maximum: 13.8

## Weight according to median eligibility (wmedian)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-14.4963929785163

Valid cases: 529  
Invalid: 359  
Minimum: 1  
Maximum: 14.5

## Weight according to weak eligibility (wweak)

File: DRC\_2010\_2013\_Panel

### Overview

## Weight according to weak eligibility (wweak)

File: DRC\_2010\_2013\_Panel

Type: Continuous  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 1-15.0350191202586

Valid cases: 529  
Invalid: 359  
Minimum: 1  
Maximum: 15

## group(a2 a4anew a6a) (strata)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-33

Valid cases: 529  
Invalid: 359  
Minimum: 1  
Maximum: 33

## Record Number (rec\_number)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1002-5008

Valid cases: 359  
Invalid: 529  
Minimum: 1002  
Maximum: 5008

## Preference (V305)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 359  
Invalid: 529

## A.1 Country Code (V306)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 19-115

Valid cases: 359  
Invalid: 529

## How Many Establishments Are Included In The Financial Statements? (a11a)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-20

Valid cases: 359  
Invalid: 529

### Pre question

CONTROL INFORMATION [TO BE COMPLETED BEFORE INTERVIEW]

### Literal question

How many establishments - counting the headquarters - are included in the financial statements kept in the headquarters?

## Gender Of Firm Owners (AFb3a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 356  
Invalid: 532

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

Are the owners of the firm:

### Post question

If answer is 1, 4, -7, -9, then GO TO QUESTION AFB4a

## Is The Largest Owner Female? (AFb3b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 126  
Invalid: 762

### Literal question

Is the largest owner female?

### Interviewer instructions

INTERVIEWER: 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 The Current Largest Owner? (AFb4a)

File: DRC\_2010\_2013\_Panel

### Overview

## What Is The Nationality Of The Current Largest Owner? (AFb4a)

### File: DRC\_2010\_2013\_Panel

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

Valid cases: 359  
Invalid: 529

#### Literal question

What is the nationality of the current largest owner?

## Nationality Of The Largest Owner If He/She Is African (AFb4a1)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 295  
Invalid: 593

#### Literal question

What is the nationality of the current largest owner?  
African (specify)

## Nationality Of The Largest Owner If He/She Is (AFb4a4)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 3  
Invalid: 885

#### Literal question

What is the nationality of the current largest owner?  
Other Asian (specify)

## Highest Education Level Of The Current Top Manager (AFb7a)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 341  
Invalid: 547

#### Pre question

INTERVIEWER: SHOW CARD

#### Literal question

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

## Is The Establishment In An Export Processing Or Other Industrial Zone? (AFb8a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 121  
Invalid: 767

### Literal question

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

## % Of Water Supply (Used In Production) From Public Sources In Last Fiscal Year (c18)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 30  
Invalid: 858

### Literal question

In fiscal year 2009, what percent of this establishment's water supply, used in the production process, was from public sources?

## Application To Obtain A Telephone Connection Submitted Over The Last Two Years (c19)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 359  
Invalid: 529

### 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.22a

### Interviewer instructions

Application for telephone connection. Self-explanatory

## How Many Days Did It Take For You To Receive A Telephone Connection Service? (c20)

File: DRC\_2010\_2013\_Panel

### Overview

## How Many Days Did It Take For You To Receive A Telephone Connection Service? (c20)

File: DRC\_2010\_2013\_Panel

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

Valid cases: 8  
Invalid: 880

### 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 9  
Invalid: 879

### 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.

## Does The Firm Have A High-Speed, Broadband Internet Connection On Its Premises? (c23)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 359  
Invalid: 529

### Literal question

Does this establishment have a high-speed Internet connection on its premises?

### Post question

If answer is No or Don't Know then GO TO QUESTION C.28

### Interviewer instructions

High-speed, Internet connection is defined as Internet connection that is faster than using a telephone line with a modem.



## Is The Internet Connection Used To: Order Purchases For This Establishment? (c24b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 108  
Invalid: 780

### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

### Literal question

Is this establishment's Internet connection used to:  
Make purchases for this establishment

### Interviewer instructions

How Internet connection is used. Self-explanatory

## Is The Internet Connection Used To: Deliver Services To Your Clients? (c24c)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 108  
Invalid: 780

### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

### Literal question

Is this establishment's Internet connection used to:  
Deliver services to this establishment's clients

### Interviewer instructions

How Internet connection is used. Self-explanatory

## Is Internet Used To: Do Research And Develop Ideas On New Products And Services? (c24d)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 108  
Invalid: 780

### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

### Literal question

Is this establishment's Internet connection used to:  
Do research and develop ideas on new products and services

### Interviewer instructions

## Is Internet Used To: Do Research And Develop Ideas On New Products And Services? (c24d)

File: DRC\_2010\_2013\_Panel

How Internet connection is used. Self-explanatory

## Financing Source For The Cell Phones Used For Operation Of The Establishment (c29)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 346  
Invalid: 542

### Pre question

INTERVIEWER: SHOW CARD

### Literal question

The majority of cell phones used for the operations of the establishment are?

## % Of Export Revenue To Neighboring Countries In Sub-Saharan Africa (AFd3f)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 12  
Invalid: 876

### Pre question

SHOW CARD

### Literal question

In fiscal year 2009, 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%

## % Of Export Revenue To Developed Countries (AFd3g)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 12  
Invalid: 876

### Pre question

SHOW CARD

### Literal question

## % Of Export Revenue To Developed Countries (AFd3g)

### File: DRC\_2010\_2013\_Panel

In fiscal year 2009, what percent of this establishment's annual export revenue were to:  
Developed Countries

#### Interviewer instructions

INTERVIEWER: CHECK THAT THE TOTAL IS 100%

## % Of Export Revenue To Other Countries (AFd3h)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 12  
Invalid: 876

#### Pre question

SHOW CARD

#### Literal question

In fiscal year 2009, what percent of this establishment's annual export revenue were to:  
Other

#### Interviewer instructions

INTERVIEWER: CHECK THAT THE TOTAL IS 100%

## The Total Clearing Costs For Average Consignment As % Of Consignment Value (AFd5a)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 3  
Invalid: 885

#### Literal question

Thinking of the main point of exit, in fiscal year 2009, 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.

## % Of Consignments Handled By Outside Clearing Agent (AFd5b)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 9  
Invalid: 879

#### Literal question

In fiscal year 2009, what percent of this establishment's export consignments were handled by an outside clearing agent to facilitate customs clearance?

## % Of Export Containers Inspected By Custom Officials (AFd5c)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 8  
Invalid: 880

#### Literal question

In fiscal year 2009, what percent of this establishment's export containers were physically inspected by custom officials?

## Does The Establishment Benefit From Exemptions From Duties On Imported Inputs? (AFd7a1)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 12  
Invalid: 876

#### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

#### Literal question

In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes:  
Suspension or exemptions from duties on imported inputs

#### Post question

IF YES TO ANY GO TO QUESTION D.8

## Does The Establishment Benefit From Profit Tax Exemption? (AFd7a2)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 12  
Invalid: 876

#### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

#### Literal question

In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes:  
Profit tax exemption

#### Post question

IF YES TO ANY GO TO QUESTION D.8

## Does The Establishment Benefit From Vat Reimbursement? (AFd7a3)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 12  
Invalid: 876

### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

### Literal question

In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes:  
VAT reimbursement

### Post question

IF YES TO ANY GO TO QUESTION D.8

## Does The Establishment Benefit From Export Financing Scheme? (AFd7a4)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 12  
Invalid: 876

### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

### Literal question

In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes:  
Export financing scheme, such as an export credit guarantee scheme

### Post question

IF YES TO ANY GO TO QUESTION D.8

## Does The Establishment Benefit From Other Export/Investment Incentive Scheme? (AFd7a5)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 9  
Invalid: 879

### Pre question

INTERVIEWER: READ EACH OPTION ALOUD

### Literal question

In fiscal year 2009, did this establishment benefit from any of the following export or investment incentive schemes:  
Other

### Post question

## Does The Establishment Benefit From Other Export/Investment Incentive Scheme? (AFd7a5)

File: DRC\_2010\_2013\_Panel

IF YES TO ANY GO TO QUESTION D.8

## The Reason That The Establishment Didn't (AFd7b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 4  
Invalid: 884

### Literal question

In fiscal year 2009, what was the MAIN reason that this establishment did NOT take advantage of any of the schemes listed above?

## How Many Years Have You Known Your Primary Supplier Of Your Main Input? (AFd11a)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-51

Valid cases: 308  
Invalid: 580

### Literal question

In fiscal year 2009, for how many years have you known this establishment's primary supplier of its main input?

## Did The Establishment Subcontract To Other Firms? (AFd11d)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 336  
Invalid: 552

### Literal question

In fiscal year 2009, did this establishment subcontract any part of its production to other firms?

## How Many Competitors Did This Establishment's Main Product/Product Line Face? (e2)

File: DRC\_2010\_2013\_Panel

### Overview

## How Many Competitors Did This Establishment'S Main Product/Product Line Face? (e2)

File: DRC\_2010\_2013\_Panel

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

Valid cases: 117  
Invalid: 771

### Literal question

In fiscal year 2009, for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face?

### Interviewer instructions

Number of competitors in establishment's market. Self-explanatory

## How Many New Competitors Entered The Main Market Of Your Main Product Line? (AFe2a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 332  
Invalid: 556

### Literal question

In fiscal year 2009, how many NEW competitors entered the main market of this establishment's main product/product line?

## Does The Establishment Have Any Patents Abroad? (e7a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 117  
Invalid: 771

### Literal question

Does this establishment have any patents registered abroad?

## Does The Establishment Have Any Patents Registered In (Insert Name Of Country)? (e7b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 118  
Invalid: 770

### Literal question

Does this establishment have any patents registered in (insert name of country)?

## Does This Establishment Have Any Other Legal Titles For The Use Of The Land? (DRC3)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 356
Format: numeric	Invalid: 532
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Does this establishment have legal titles for the use of the land?

## Do Others Have Legal Title To Use The Land Or Its Resources? (DRC4)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 262
Format: numeric	Invalid: 626
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

Do other individuals or entities have legal title to use the land or its resources?

## In The Last 2 Years, Did This Establishment Have Any Disputes Over Land Titles? (DRC5)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 355
Format: numeric	Invalid: 533
Width: 2	
Decimals: 0	
Range: -9-2	

### Literal question

In the last 2 years, did this establishment have any disputes over land titles?

### Post question

If answer is No or Don't Know GO TO QUESTION DRC9

## # Of Disputes Over Land Titles In Past 2 Years (DRC6)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 881
Width: 2	
Decimals: 0	
Range: -9-6	

### Literal question



## # Of Disputes Over Land Titles In Past 2 Years (DRC6)

File: DRC\_2010\_2013\_Panel

In the last 2 years, how many disputes over land titles did this establishment have?

## # Of Weeks It Takes To Resolve On Land Disputes (DRC7)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 3  
Invalid: 885

### Literal question

On average, how many weeks did it take to resolve these disputes from the day the establishment first took action until the moment a resolution was reached?

### Post question

If answer is -6 or -9 GO TO QUESTION DRC9

## Cost Paid To Resolve Disputes Over Land Titles As % Of Sales (DRC8a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 3  
Invalid: 885

### Literal question

In fiscal year 2009, how much did it cost to resolve disputes over land titles as a percentage of total annual sales or as total costs?

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

## What Was The Cost Paid To Resolve Disputes Over Land Titles? (DRC8b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 0  
Invalid: 888

### Literal question

In fiscal year 2009, how much did it cost to resolve disputes over land titles as a percentage of total annual sales or as total costs?

### Post question

PROVIDE EITHER ONE OR THE OTHER, NOT BOTH

## Land Used As Collateral For A Loan? (DRC9)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 350  
Invalid: 538

### Literal question

In the last 2 years, did your establishment used or attempted to use its land as collateral for a loan?

### Post question

If answer is No or Don't Know GO TO QUESTION G2

## How Much Did You Spend On Obtaining Proof Of Ownership Of The Land? (DRC10)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-5400000

Valid cases: 12  
Invalid: 876

### Literal question

In the last 2 years, how much did this establishment spend on obtaining proof of ownership of the land to use its land as collateral for a loan?

## Acquired Additional Land Or Buildings To Expand Operations In The Last 3 Years? (g7)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 108  
Invalid: 780

### Literal question

In the last three years, has this establishment acquired or attempted to acquire additional land or buildings to expand operations?

### Post question

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

### Interviewer instructions

Self-explanatory

## In The Last 3 Years, Has This Est. Been Succes. In Acquiring Land ? (g8a)

File: DRC\_2010\_2013\_Panel

### Overview

## In The Last 3 Years, Has This Est. Been Succes. In Acquiring Land ? (g8a)

File: DRC\_2010\_2013\_Panel

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

Valid cases: 16  
Invalid: 872

### Literal question

In the last three years, has this establishment been successful in acquiring land or new premises?

### Interviewer instructions

Self-explanatory

## % Of Material Inputs Or Services Purchases Paid For Before Delivery (k1a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 358  
Invalid: 530

### Pre question

- 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) INTERVIEWER: SHOW CARD

### Literal question

In fiscal year 2009, 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 TO 100%

## % Of Material Inputs Or Services Purchases Paid For On Delivery (k1b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 358  
Invalid: 530

### Literal question

In fiscal year 2009, 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 TO 100%

## % Of Total Annual Sales Paid For Before The Delivery In Last Fiscal Year (k2a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 354  
Invalid: 534

### Pre question

SHOW CARD

### Literal question

In fiscal year 2009, 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: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 354  
Invalid: 534

### Pre question

SHOW CARD

### Literal question

In fiscal year 2009, 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%

## Average Interest Rate For Overdraft (AFk7a)

File: DRC\_2010\_2013\_Panel

### Overview

## Average Interest Rate For Overdraft (AFk7a)

File: DRC\_2010\_2013\_Panel

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-85

Valid cases: 46  
Invalid: 842

### Literal question

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

## Was The Most Recent Credit In The Form Of? (AFk8a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 47  
Invalid: 841

### Literal question

Was this most recent credit in the form of?

## Average Interest Rate For The Most Recent Credit/Loan (AFk10a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 40  
Invalid: 848

### Literal question

What is the rate of interest of this most recent line of credit or loan?

## The Court System Is Able To Enforce Its Decisions (AFh1)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 353  
Invalid: 535

### Pre question

SHOW CARD

### Literal question

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

"The court system is able to enforce its decisions."

## The Legal System Will Uphold My Contract & Property Rights (AFh2)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 353  
Invalid: 535

### Pre question

SHOW CARD

### Literal question

I am going to read some statements that describe the courts system and how it could affect business. For each statement, please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree.  
"I am confident that the legal system will uphold my contract and property rights in business disputes."

## Did You Have A Payment Dispute Over Payments Owed To You? (AFh3a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 355  
Invalid: 533

### Literal question

In the last 2 years, did your establishment have a payment dispute over payments owed to it in which a third party (such as arbiters, collecting agency or judicial system) was involved?

### Post question

If answer is No or Don't know then GO TO QUESTION J.2

## Was The Court Used To Resolve The Payment Dispute? (AFh3b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 45  
Invalid: 843

### Literal question

Was the court system used to resolve this payment dispute?

### Post question

If answer is No or Don't know then GO TO QUESTION J.2

## Was A Court Judgment Made For The Payment Dispute? (AFh3c)

File: DRC\_2010\_2013\_Panel

### Overview

## Was A Court Judgment Made For The Payment Dispute? (AFh3c)

### File: DRC\_2010\_2013\_Panel

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

Valid cases: 25  
Invalid: 863

#### Literal question

Was a court judgment made for this payment dispute?

#### Post question

If answer is No or Don't know or Still in process then GO TO QUESTION J.2

## # Of Weeks The Courts Took To Come To Judgment On The Payment Dispute (AFh3d)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 15  
Invalid: 873

#### Literal question

How many weeks did it take the courts to come to judgment on this payment dispute (from the day the establishment first took court action until the moment a judgment was made)?

## Was This Decision Of The Court Enforced? (AFh3e)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 16  
Invalid: 872

#### Literal question

Was this decision of the court enforced?

#### Post question

If answer is No or Don't know or Still in process then GO TO QUESTION J.2

## # Of Weeks It Took To Enforce The Court Judgment (AFh3f)

### File: DRC\_2010\_2013\_Panel

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-96

Valid cases: 9  
Invalid: 879  
Minimum: 1  
Maximum: 96

#### Literal question

How many weeks did it take to enforce this court judgment?

## % Of Annual Sales Reported For Tax Purposes (AFj8)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 308  
Invalid: 580

### Literal question

Recognizing the difficulties many establishments face in fully complying with taxes and regulations, at the present time what percent of total annual sales would you estimate the typical establishment in your line of business declares for tax purposes?

## # Of Part Time Workers Employed (AFI8a)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-169

Valid cases: 153  
Invalid: 735

### Literal question

At the end of fiscal year 2009, how many part-time workers-workers that work less than a full shift per day - were employed by the establishment?

## % Of Workforce Unionized (AFI12)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 320  
Invalid: 568

### Literal question

What percent of this establishment's workforce is currently unionized?

## How Did You Usually Find New Employees? (AFI14)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 359  
Invalid: 529

### Pre question

SHOW CARD

### Literal question

Over fiscal year 2009, how did this establishment usually find new employees?



## Do You Have Pre-Employment Health Check? (AFs1y)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 357  
Invalid: 531

### Pre question

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

### Literal question

Does this establishment currently have a pre-employment health check for new employees?

## Has High Absenteeism Due To Sickness Affected Your Workforce (AFs1a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 358  
Invalid: 530

### Literal question

Have the following situations affected this establishment's workforce in the past 2 years:  
High absenteeism due to sickness

## Has High Absenteeism As Employees Need To Care Of Family Sickness Affected You? (AFs1b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 355  
Invalid: 533

### 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

## Has Absenteeism Due To Hiv/Aids Affected Your Workforce? (AFs2a)

File: DRC\_2010\_2013\_Panel

### Overview

## Has Absenteeism Due To Hiv/Aids Affected Your Workforce? (AFs2a)

File: DRC\_2010\_2013\_Panel

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

Valid cases: 357  
Invalid: 531

### 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

## Has Absenteeism As Employees Need To Care Of Family Hiv/Aids Affected You? (AFs2b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 354  
Invalid: 534

### 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

## Did You Send Out Hiv Prevention Messages To Employees? (AFs3a)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 358  
Invalid: 530

### Literal question

Did this establishment undertake any of the following activities, in fiscal year 2009, to prevent HIV/AIDS among employees?  
HIV prevention messages

## Did You Distribute Free Condom To Employees? (AFs3b)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 358  
Invalid: 530

### Literal question

## Did You Distribute Free Condom To Employees? (AFs3b)

File: DRC\_2010\_2013\_Panel

Did this establishment undertake any of the following activities, in fiscal year 2009, to prevent HIV/AIDS among employees?  
Free condom distribution

## Did You Do Anonymous Hiv Testing Among Employees? (AFs3c)

File: DRC\_2010\_2013\_Panel

### Overview

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

Valid cases: 356  
Invalid: 532

### Literal question

Did this establishment undertake any of the following activities, in fiscal year 2009, to prevent HIV/AIDS among employees?  
Anonymous HIV testing

## Cost Of All Aids/Hiv Programs & Activities (AFs4)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-180000000

Valid cases: 326  
Invalid: 562

### Literal question

In fiscal year 2009, how much did this establishment spend on all AIDS/HIV programs and activities?

## Total Annual Depreciation (AFn2k)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-11624341149

Valid cases: 194  
Invalid: 694

### Pre question

- 1) SHOW CARD
- 2) READ OUT

### Literal question

For fiscal year 2009, please provide the following information about this establishment:  
Total annual depreciation

## Panel Interviews Control B.5 (a20a)

File: DRC\_2010\_2013\_Panel

### Overview

## Panel Interviews Control B.5 (a20a)

### File: DRC\_2010\_2013\_Panel

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

Valid cases: 7  
Invalid: 881

#### Pre question

PANEL INTERVIEWS CONTROL

#### Interviewer instructions

INTERVIEWER : Ask A.20a if B.5 is different from answer in previous survey. If not , go to A.20.b Read both answers and ask which is the correct answer:

## Panel Interviews Control B.6B (a20b)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 24  
Invalid: 864

#### Pre question

PANEL INTERVIEWS CONTROL

#### Interviewer instructions

INTERVIEWER : Ask A.20b if B.6b is different from answer in previous survey. If not , go to A.20.c a-Read both answers and ask which is the correct answer:

## Main Respondent Gender (a15a3a)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 359  
Invalid: 529

#### Pre question

Please complete the following information about the interviewee(s)

## Second Respondent Gender (a15a3b)

### File: DRC\_2010\_2013\_Panel

#### Overview

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

Valid cases: 54  
Invalid: 834

#### Pre question

Please complete the following information about the interviewee(s)

## Third Respondent Gender (a15a3c)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 16
Format: numeric	Invalid: 872
Width: 1	
Decimals: 0	
Range: 1-2	

### Pre question

Please complete the following information about the interviewee(s)

## Panel/Fresh Sample (panel\_fresh)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Discrete	Valid cases: 359
Format: numeric	Invalid: 529
Width: 1	
Decimals: 0	
Range: 1-2	

## Strict Weights (weights\_1)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous	Valid cases: 359
Format: numeric	Invalid: 529
Width: 16	Minimum: 1
Decimals: 0	Maximum: 7.2
Range: 1-7.17686223983765	

## Weak Weights (weights\_2)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous	Valid cases: 359
Format: numeric	Invalid: 529
Width: 16	Minimum: 1
Decimals: 0	Maximum: 8.8
Range: 1-8.80709934234619	

## Median Weights (weights\_3)

File: DRC\_2010\_2013\_Panel

### Overview

Type: Continuous	Valid cases: 359
Format: numeric	Invalid: 529
Width: 15	Minimum: 1
Decimals: 0	Maximum: 8.1
Range: 1-8.0775032043457	



## Related Materials

### Questionnaires

#### Manufacturing Module Questionnaire 2013

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Title Manufacturing Module Questionnaire 2013  
 Language English  
 Filename DRC2013\_Manufacturing.pdf

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#### Services Module Questionnaire 2013

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Title Services Module Questionnaire 2013  
 Language English  
 Filename DRC2013\_Service .pdf

---

#### Core Questionnaire 2010

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Title Core Questionnaire 2010  
 Language English  
 Filename DRC 2010 Other Services\_EN.pdf

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#### Core Questionnaire + Manufacturing Module 2010

---

Title Core Questionnaire + Manufacturing Module 2010  
 Language English  
 Filename DRC 2010 Manufacturing\_EN.pdf

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#### Core Questionnaire + Retail Module 2010

---

Title Core Questionnaire + Retail Module 2010  
 Language English  
 Filename DRC 2010 Retail\_EN.pdf

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#### Screener Questionnaire 2010

---

Title Screener Questionnaire 2010  
 Language English  
 Filename SCREENER\_Africa\_EN\_23Mar10.pdf

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### Reports

#### Congo, Dem. Rep. Country Highlights 2013

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Title Congo, Dem. Rep. Country Highlights 2013  
 Language English  
 Filename <http://www.enterprisesurveys.org/~media/GIAWB/EnterpriseSurveys/Documents/Profiles/English/Congo-Dem-Rep-2013.pdf>

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## Technical documents

### Description of Congo, Dem. Rep. ES 2013 Implementation

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Title Description of Congo, Dem. Rep. ES 2013 Implementation  
 Language English  
 Filename drc\_2013\_implementation\_report.pdf

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### Description of Congo, Dem. Rep. ES 2010 Implementation

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Title Description of Congo, Dem. Rep. ES 2010 Implementation  
 Language English  
 Filename DRC-2010--implementation note-.pdf

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### Note on ES Panel Datasets

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Title Note on ES Panel Datasets  
 Filename Notes on Panel Datasets.pdf

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### Questionnaire Manual

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Title Questionnaire Manual  
 Language English  
 Filename QuestionnaireManual2011.pdf

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### Sampling Methodology

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Title Sampling Methodology  
 Language English  
 Filename Sampling\_Note.pdf

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### ISIC Revision 3.1 Codes

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Title ISIC Revision 3.1 Codes  
 Language English  
 Filename ISIC\_Rev\_3\_1\_english\_structure.xls

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