

# Rwanda - Micro-Enterprise Survey 2006

**World Bank**

Report generated on: February 18, 2014

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## Overview

### Identification

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**ID NUMBER**

RWA\_2006\_MS\_v01\_M\_WB

### Overview

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**ABSTRACT**

This research of private non-agricultural firms with less than five employees was conducted in Rwanda between November and December 2006, at the same time with 2006 Rwanda Enterprise Survey. Data from 128 establishments were analyzed.

Micro-Enterprise Survey topics include firm characteristics, gender participation, access to finance, annual sales, costs of inputs/labor, workforce composition, bribery, licensing, infrastructure, trade, crime, competition, capacity utilization, land and permits, taxation, informality, business-government relations, innovation and technology, and performance measures. The questionnaire also assesses the respondents' opinions on what are the obstacles to firm growth and performance.

**KIND OF DATA**

Sample survey data [ssd]

**UNITS OF ANALYSIS**

The survey targets manufacturing/services sectors establishments with one to four employees.

### Coverage

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**GEOGRAPHIC COVERAGE**

National

**GEOGRAPHIC UNIT**

Regions covered are selected based on the number of establishments, contribution to employment, and value added. In most cases these regions are metropolitan areas and reflect the largest centers of economic activity in a country.

**UNIVERSE**

The whole population, or the universe, covered in the Enterprise Surveys is the non-agricultural economy. It comprises: all manufacturing sectors according to the ISIC Revision 3.1 group classification (group D), construction sector (group F), services sector (groups G and H), and transport, storage, and communications sector (group I). Note that this population definition excludes the following sectors: financial intermediation (group J), real estate and renting activities (group K, except sub-sector 72, IT, which was added to the population under study), and all public or utilities sectors.

### Producers and Sponsors

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**PRIMARY INVESTIGATOR(S)**

Name	Affiliation
World Bank	

**FUNDING**

Name	Abbreviation	Role
World Bank		

### Metadata Production

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**METADATA PRODUCED BY**

Name	Abbreviation	Affiliation	Role
Antonina Redko			

**DDI DOCUMENT VERSION**

Version 01

**DDI DOCUMENT ID**

DDI\_RWA\_2006\_MS\_v01\_M\_WB

# Sampling

## Sampling Procedure

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Sampling techniques are similar for Rwanda Micro-Enterprise and Enterprise 2006 surveys.

In the Enterprise Survey, the universe is stratified by industry sectors, establishment size and regions. In the Micro-Enterprise Survey, stratification by size is missing; all businesses surveyed have less than five workers.

For more technical details on the sampling strategy for the Enterprise Surveys, please review "Sampling Methodology" in "Technical Documents" folder.

# Questionnaires

## Overview

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The current survey instrument is available:  
Rwanda Micro-Enterprise Survey Questionnaire 2006.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2006-11	2006-12	N/A

### Data Collection Mode

Face-to-face [f2f]

#### DATA COLLECTION NOTES

Private contractors conduct the Micro-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 Micro-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 of each establishment.

All Micro-Enterprise Surveys are conducted in the local languages.

## **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

## Rwanda-2006-Micro-full data-1

Content	The file contains the cleaned, raw database.
Cases	128
Variable(s)	264
Structure	Type: Keys: ()
Version	
Producer	World Bank
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V1	idquest	IDQuest	discrete	numeric	
V2	country	Country code	discrete	numeric	
V3	idstd		discrete	numeric	
V4	countryn	Country name	discrete	character	
V5	callback	Callback	discrete	numeric	
V6	city	City	discrete	character	
V7	reg	Region	discrete	numeric	
V8	intcode	Interviewer	discrete	numeric	
V9	industry	Industry	discrete	numeric	
V10	sampstra	Sample stratum	discrete	numeric	
V11	screenst	Screenner stratum	discrete	numeric	
V12	stratmat	Stratum Match	discrete	numeric	
V13	multiest	Part of a larger firm?	discrete	numeric	
V14	fins	Does your establishment maintain financial information ... ?	discrete	numeric	
V15	super	Supervisor	discrete	numeric	
V16	startmon	Month	discrete	numeric	
V17	startday	Day	discrete	numeric	
V18	starthou	Hour	discrete	numeric	
V19	startmin	Minutes	discrete	numeric	
V20	startamp	AM/PM	discrete	character	
V21	b1	Current legal status	discrete	numeric	What is the current legal status of your firm?
V22	b1x	Other (legal status)	discrete	character	What is the current legal status of your firm?
V23	b2a	% - private domestic individuals, companies or orgs	discrete	numeric	What percentage of your firm is owned by:
V24	b2b	% - private foreign individuals, companies or orgs	discrete	numeric	What percentage of your firm is owned by:
V25	b2c	Govn't/State	discrete	numeric	What percentage of your firm is owned by:
V26	b2d	Other	discrete	numeric	What percentage of your firm is owned by:

ID	Name	Label	Type	Format	Question
V27	b3a	What percentage does the largest shareholder(s) own?	discrete	numeric	What percentage of this firm does the largest shareholder(s) own?
V28	b3b1	- Female?	discrete	numeric	Are any of the principal owners:
V29	b3b2	- Of African origin?	discrete	numeric	Are any of the principal owners:
V30	b3b3	- Of Indian origin?	discrete	numeric	Are any of the principal owners:
V31	b3b4	- Of Lebanese or Middle Eastern origin?	discrete	numeric	Are any of the principal owners:
V32	b3b5	- Of other Asian origin?	discrete	numeric	Are any of the principal owners:
V33	b3b6	- Of European or Caucasian origin?	discrete	numeric	Are any of the principal owners:
V34	b3b7	- Of other ethnic origin?	discrete	numeric	Are any of the principal owners:
V35	b4a	What is the highest level of education of the top manager?	discrete	numeric	What is the highest level of education of the top manager?
V36	b4b	How many years of experience ... does the top manager have?	discrete	numeric	How many years has the top manager worked: In a managerial function in this sector?
V37	b4c	In what year did this establishment begin operations in this	discrete	numeric	In what year did this establishment begin operations in this country?
V38	c1a	- Manufacturing?	discrete	numeric	In 2005, what percentage of this establishment's sales came from the following activities:
V39	c1b	- Services?	discrete	numeric	In 2005, what percentage of this establishment's sales came from the following activities:
V40	c1c	- Other?	discrete	numeric	In 2005, what percentage of this establishment's sales came from the following activities:
V41	c1cx	Specify:	discrete	character	In 2005, what percentage of this establishment's sales came from the following activities:
V42	c2a1	- Paid for before delivery?	discrete	numeric	What percentage of your establishment's sales were:
V43	c2a2	- Paid for on delivery?	discrete	numeric	What percentage of your establishment's sales were:
V44	c2a3	- Paid for after delivery?	discrete	numeric	What percentage of your establishment's sales were:
V45	c2b	What % of total sales came from selling intermediate product	discrete	numeric	What percentage of this establishment's total sales came from selling intermediate products and services used as inputs in purchasers' production processes?
V46	c2c	What % of total payments received were non-cash payments thr	discrete	numeric	What percentage of the total payments you received were in the form of non-cash payments through the formal financial sector (checks, direct deposits, or credit cards)?
V47	c2e	Who was the principal buyer for establishment's output?	discrete	numeric	Who was the principal buyer for this establishment's output?
V48	c3a1	First:	discrete	character	In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?
V49	c3a2	ISIC 1	discrete	numeric	In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?
V50	c3a3	Percentage of sales 1	discrete	numeric	In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?
V51	c3b1	Second:	discrete	character	In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?
V52	c3b2	ISIC 2	discrete	numeric	In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?

ID	Name	Label	Type	Format	Question
V53	c3b3	Percentage of sales 2	discrete	numeric	In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?
V54	c4a	E-mail?	discrete	numeric	In its communications with clients and suppliers, does your establishment currently use:
V55	c4b	It's own website?	discrete	numeric	In its communications with clients and suppliers, does your establishment currently use:
V56	c4c	Cell phone(s)?	discrete	numeric	In its communications with clients and suppliers, does your establishment currently use:
V57	c6a	National sales	discrete	numeric	In 2005, what percentage of your establishment's sales were:
V58	c6b	Direct exports	discrete	numeric	In 2005, what percentage of your establishment's sales were:
V59	c6b1	In what year did you begin exporting directly?	discrete	numeric	In what year did you begin exporting directly?
V60	c6c	Indirect exports	discrete	numeric	In 2005, what percentage of your establishment's sales were:
V61	c6c1	In what year did you begin exporting indirectly?	discrete	numeric	In what year did you begin exporting indirectly?
V62	d1a1	- Of domestic origin?	discrete	numeric	In 2005, what percentage of your establishment's material inputs and/or supplies were:
V63	d1a2	- Of foreign origin?	discrete	numeric	In 2005, what percentage of your establishment's material inputs and/or supplies were:
V64	d3a	- Paid for before delivery?	discrete	numeric	In 2005, what percentage of total annual purchases of material inputs or services, were:
V65	d3b	- Paid for on delivery?	discrete	numeric	In 2005, what percentage of total annual purchases of material inputs or services, were:
V66	d3c	- Paid for after delivery?	discrete	numeric	In 2005, what percentage of total annual purchases of material inputs or services, were:
V67	d4a	Just prior to receiving ... how many days of inventory do you	discrete	numeric	Just prior to receiving a delivery of your most important input, how many days of stock (days of production) does your establishment typically have on hand?
V68	d4b	For how many years have you known the primary supplier of ma	discrete	numeric	For how many years have you known the primary supplier of the main input used in 2005?
V69	e1b	How many hours per week did your establishment normally oper	discrete	numeric	How many hours per week did your establishment normally operate?
V70	f1a1	Telecommunications	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V71	f1a2	Electricity	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V72	f1a3	Transportation	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V73	f1a4	Access to land	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V74	f1a5	Tax rates	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V75	f1a6	Tax administration	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V76	f1a7	Customs and Trade Regulations	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V77	f1a8	Functioning of the courts	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?

ID	Name	Label	Type	Format	Question
V78	f1a9	Labor Regulations	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V79	f1a10	Inadequately educated workforce	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V80	f1a11	Business licensing and Permits	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V81	f1a12	Access to finance (availability and cost)	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V82	f1a13	Political instability	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V83	f1a14	Macroeconomic instability	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V84	f1a15	Corruption	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V85	f1a16	Crime, theft and disorder	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V86	f1a17	Practices of competitors in the informal sector	discrete	numeric	Do you think that the following present any obstacle to the current operations of your establishment?
V87	f1b1	The most serious obstacle	discrete	numeric	Among all of the above issues, please indicate which one constitutes:
V88	f1b2	The second most serious obstacle	discrete	numeric	Among all of the above issues, please indicate which one constitutes:
V89	f1b3	The third most serious obstacle	discrete	numeric	Among all of the above issues, please indicate which one constitutes:
V90	g1a	an electrical connection?	discrete	numeric	Currently, does your establishment have:
V91	g1b	a water connection?	discrete	numeric	Currently, does your establishment have:
V92	g1c	toilet facilities connected to a public sewer?	discrete	numeric	Currently, does your establishment have:
V93	g1d	a mainline telephone connection?	discrete	numeric	Currently, does your establishment have:
V94	g1a1	Power outages?	discrete	numeric	In 2005, did your establishment experience:
V95	g1b1	Insufficient water supply for production?	discrete	numeric	In 2005, did your establishment experience:
V96	g1a2	How many times in a typical month - power outages?	discrete	numeric	How many times in a typical month?
V97	g1b2	How many times in a typical month - insufficient water suppl	discrete	numeric	How many times in a typical month?
V98	g1a3	How long - power outages?	discrete	numeric	How long did each occurrence last on average?
V99	g1b3	How long - insufficient water supply?	discrete	numeric	How long did each occurrence last on average?
V100	g1a4	Total loss as a % of annual sales?	discrete	numeric	What were your total losses for the year as a result, Power outages?
V101	g1a5	Total loss as a total amount?	discrete	numeric	What were your total losses for the year as a result, Power outages?
V102	g4a	In 2005, did your establishment own or share a generator?	discrete	numeric	In 2005, did your establishment own or share a generator?
V103	g4b	If yes, what percentage of your electricity came from...	discrete	numeric	If yes, what percentage of your electricity came from your owned or shared generator(s)?
V104	g5	in 2005, what percentage of your establishment's water suppl	discrete	numeric	In 2005, what percentage of your establishment's water supply, used in the production process, was from public sources?

ID	Name	Label	Type	Format	Question
V105	g6a	In 2005, did your establishment use its own transport to mak	discrete	numeric	In 2005, did your establishment use its own transport to make shipments to its customers?
V106	g6b	If yes, what percentage, in terms of shipment value, was tra	discrete	numeric	If yes, what percentage, in terms of shipment value, was transported by your own transportation?
V107	g7a	In 2005, what percentage of the value of your domestic shipm	discrete	numeric	In 2005, what percentage of the value of your domestic shipments to clients was lost while in transit due to: Breakage or spoilage?
V108	g7b	In 2005, what percentage of the value of your domestic shipm	discrete	numeric	In 2005, what percentage of the value of your domestic shipments to clients was lost while in transit due to: Theft?
V109	g8a	In 2005, did this establishment pay for security?	discrete	numeric	In 2005, did this establishment pay for security (equipment, personnel, or professional security services)?
V110	g8b1	If yes, how much was spent as total annual cost?	discrete	numeric	If yes, how much was spent? (calculated as total annual cost or as a percentage of annual sales)
V111	g8b2	If yes, how much was spent as a percentage of annual sales?	discrete	numeric	If yes, how much was spent? (calculated as total annual cost or as a percentage of annual sales)
V112	g9a	In 2005, did this establishment experience losses as a resul	discrete	numeric	In 2005, did this establishment experience losses as a result of theft, robbery, vandalism or arson?
V113	g9b1	If yes, what were the estimated losses as the total annual v	discrete	numeric	If yes, what were the estimated losses? (calculated as the total annual value or as a percentage of annual sales)
V114	g9b2	If yes, what were the estimated losses as a percentage of an	discrete	numeric	If yes, what were the estimated losses? (calculated as the total annual value or as a percentage of annual sales)
V115	g10a	Currently, is this establishment's main business location th	discrete	numeric	Currently, is this establishment's main business location the owner's house?
V116	g10b	Is it in a permanent non-movable structure?	discrete	numeric	Is it in a permanent non-movable structure?
V117	g10c	Over the last 12 months, has this establishment had to chang	discrete	numeric	Over the last 12 months, has the establishment had to change location due to a lack of secure title to its land or buildings (i.e. it has been forced out by officials, landlord, others with a claim)?
V118	h1a	Fair, impartial and uncorrupted	discrete	numeric	To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?
V119	h1b	Quick	discrete	numeric	To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?
V120	h1c	Affordable	discrete	numeric	To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?
V121	h1d	Able to enforce its decision	discrete	numeric	To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?
V122	h2a	In the last 2 years, did your establishment have a payment d	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?
V123	h2b	If yes, was the court system used to resolve it?	discrete	numeric	If yes, was the court system used to resolve it?
V124	i1a	Over the last 12 months, in a typical week, what percentage	discrete	numeric	Over the last 12 months, in a typical week, what percentage of total senior management's time was spent in dealing with requirements imposed by government regulations?

ID	Name	Label	Type	Format	Question
V125	i1b1	Government officials' interpretations of the laws and regula	discrete	numeric	To what extent do you agree or disagree with the following statements? Government officials' interpretations of the laws and regulations affecting this establishment are consistent and predictable
V126	i1b2	It is common for establishments in this line of business to	discrete	numeric	To what extent do you agree or disagree with the following statements? It is common for establishments in this line of business to have to pay informal payments/gifts to get things done with regard to customs, taxes, licenses, regulations, etc.
V127	i1b3	Establishments in this line of business know in advance abou	discrete	numeric	To what extent do you agree or disagree with the following statements? Establishments in this line of business know in advance about how much this informal payment/gift is to get things done.
V128	i1c1	We've heard that establishments... what % of total annual sa	discrete	numeric	We've heard that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percentage of total annual sales, or estimated annual value, do establishments like this one pay in informal payments/gifts to public officials for this purpose?
V129	i1c2	We've heard that establishments... estimated annual value?	discrete	numeric	We've heard that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percentage of total annual sales, or estimated annual value, do establishments like this one pay in informal payments/gifts to public officials for this purpose?
V130	i1d	When establishments like this one do business with the gover	discrete	numeric	When establishments like this one do business with the government, what percentage of the contract value would typically be paid in informal payments/gifts to secure the contract?
V131	i2a1	A mainline telephone connection	discrete	numeric	In the last 2 years, did you request:
V132	i2a2	How many days	discrete	numeric	If yes, how many days did it take to obtain?
V133	i2a3	was a gift or informal payment ever expected or requested?	discrete	numeric	If yes, was a gift or informal payment ever expected/requested?
V134	i2b1	An electrical connection	discrete	numeric	In the last 2 years, did you request:
V135	i2b2	How many days	discrete	numeric	If yes, how many days did it take to obtain?
V136	i2b3	was a gift or informal payment ever expected or requested?	discrete	numeric	If yes, was a gift or informal payment ever expected/requested?
V137	i2c1	A water connection	discrete	numeric	In the last 2 years, did you request:
V138	i2c2	How many days	discrete	numeric	If yes, how many days did it take to obtain?
V139	i2c3	was a gift or informal payment ever expected or requested?	discrete	numeric	If yes, was a gift or informal payment ever expected/requested?
V140	i2d1	A construction related permit	discrete	numeric	In the last 2 years, did you request:
V141	i2d2	How many days	discrete	numeric	If yes, how many days did it take to obtain?
V142	i2d3	was a gift or informal payment ever expected or requested?	discrete	numeric	If yes, was a gift or informal payment ever expected/requested?
V143	i2e1	An import license	discrete	numeric	In the last 2 years, did you request:
V144	i2e2	How many days	discrete	numeric	If yes, how many days did it take to obtain?
V145	i2e3	was a gift or informal payment ever expected or requested?	discrete	numeric	If yes, was a gift or informal payment ever expected/requested?
V146	i2f1	An operating license	discrete	numeric	In the last 2 years, did you request:



ID	Name	Label	Type	Format	Question
V147	i2f2	How many days	discrete	numeric	If yes, how many days did it take to obtain?
V148	i2f3	was a gift or informal payment ever expected or requested?	discrete	numeric	If yes, was a gift or informal payment ever expected/requested?
V149	i3a	Over the last 12 months, was this establishment visited by,	discrete	numeric	Over the last 12 months, was this establishment visited by, inspected by, or required to meet with tax officials?
V150	i3b	If yes, how many times?	discrete	numeric	Over the last 12 months, was this establishment visited by, inspected by, or required to meet with tax officials? If yes, how many times?
V151	i3c	In any of these visits, inspections or meetings, was a gift	discrete	numeric	Over the last 12 months, was this establishment visited by, inspected by, or required to meet with tax officials? In any of these visits, inspections or meetings, was a gift or informal payment expected/requested?
V152	i4	What percentage of total annual sales would you estimate a t	discrete	numeric	What percentage of total annual sales would you estimate a typical establishment in your sector of activity reports for tax purposes?
V153	i5a	Has this firm obtained approval for or registered its name w	discrete	numeric	Has this firm obtained approval for or registered its name with the Office of the Registrar or other government institution responsible for approving company names?
V154	i5b	Has this firm registered with the Office of the Registrar, t	discrete	numeric	Has this firm registered with the Office of the Registrar, the local courts, or other government institutions responsible for commercial registration?
V155	i5c	Has this firm obtained or trade license or otherwise registe	discrete	numeric	Has this firm obtained an operating or trade license or otherwise registered for a general business license with any municipal agency?
V156	i5d	Has this firm registered with or obtained a tax identificati	discrete	numeric	Has this firm registered with or obtained a tax identification number from the tax administration or other agency responsible for tax registration?
V157	i6a	Difficulty of getting information on what you need to do to	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V158	i6b	Time to complete registration procedures	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V159	i6c	Financial cost of completing registration procedures	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V160	i6d	Minimum capital requirements for registered enterprises in m	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V161	i6e	Financial burden of taxes on registered enterprises	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V162	i6f	Administrative burden of complying with all tax laws for reg	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V163	i6g	Other administrative burdens imposed on registered businesse	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V164	i6h	Strict labor market rules that registered businesses must co	discrete	numeric	Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?
V165	j1	How many full-time employees did this establishment employ w	discrete	numeric	How many full-time employees did this establishment employ when it started operations?

ID	Name	Label	Type	Format	Question
V166	j2a	Total number of employees at the end of 2005	discrete	numeric	Please describe the full-time paid workforce of your establishment:
V167	j2b	Of which total number of females	discrete	numeric	Please describe the full-time paid workforce of your establishment:
V168	j2c	Total number of employees at the end of 2002	discrete	numeric	Please describe the full-time paid workforce of your establishment:
V169	j2d	What was the average monthly compensation per employee...	discrete	numeric	Approximately, in 2005, what was the average monthly compensation per employee, including benefits when applicable, for each type of paid full-time worker?
V170	j2e	What percentage of the total payments that your establishmen	discrete	numeric	In 2005, what percentage of the total payments that your establishment made to your employees were in the form of noncash payments through the formal financial sector (ex. checks, direct deposits, or credit card)?
V171	j4a	At the end of 2005, how many part-time workers did you emplo	discrete	numeric	At the end of 2005, how many part-time workers did you employ?
V172	j4b	At the end of 2005, how many unpaid workers did you employ?	discrete	numeric	At the end of 2005, how many unpaid full-time workers did you employ?
V173	j4c	At the end of 2005, how many family members of the owners di	discrete	numeric	At the end of 2005, how many family members of the owners did you employ?
V174	j5	What percentage of the total workforce would you estimate th	discrete	numeric	What percentage of the total workforce would you estimate the typical establishment in your line of business declares for tax purposes?
V175	j6a	How did this establishment find its most recent employee?	discrete	numeric	How did this establishment find its most recent employee?
V176	j6ax	Other (Specify)	discrete	character	How did this establishment find its most recent employee?
V177	j6b	What percentage of your workforce is currently unionized?	discrete	numeric	What percentage of your workforce is currently unionized?
V178	j6c	In 2005, did labor regulations affect your decisions about h	discrete	numeric	In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way?
V179	j6d	If yes, if you had not had to comply with labor regulations,	discrete	numeric	In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? If yes, if you had not had to comply with labor regulations, would you have: Hired workers?
V180	j6e	If yes, how many?	discrete	numeric	In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? Hired workers? If yes, how many?
V181	j6f	If yes, if you had not had to comply with labor regulations,	discrete	numeric	In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? If yes, if you had not had to comply with labor regulations, would you have: Fired workers?
V182	j6g	If yes, how many?	discrete	numeric	In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? If yes, if you had not had to comply with labor regulations, would you have: Fired workers? If yes, how many?
V183	j8a	What is the average educational attainment of a typical prod	discrete	numeric	What is the average educational attainment of a typical production worker employed in your establishment?
V184	j8b	In 2005, did this establishment run formal training programs	discrete	numeric	In 2005, did this establishment run formal training programs for its permanent, full-time employees?
V185	j8c1	If yes, production workers	discrete	numeric	In 2005, did this establishment run formal training programs for its permanent, full-time employees?

ID	Name	Label	Type	Format	Question
V186	j9a	HIV prevention messages	discrete	numeric	In 2005, did your establishment undertake any of the following activities to prevent HIV/AIDS among employees?
V187	j9b	Free condom distribution	discrete	numeric	In 2005, did your establishment undertake any of the following activities to prevent HIV/AIDS among employees?
V188	j9c	Anonymous HIV testing	discrete	numeric	In 2005, did your establishment undertake any of the following activities to prevent HIV/AIDS among employees?
V189	j10a	High absenteeism among workers due to sickness	discrete	numeric	In the past 24 months, has your workforce been affected in any of the following ways:
V190	j10b	High absenteeism among workers who need to care for family m	discrete	numeric	In the past 24 months, has your workforce been affected in any of the following ways:
V191	j10c	High absenteeism among workers due to HIV/AIDS	discrete	numeric	In the past 24 months, has your workforce been affected in any of the following ways:
V192	j10d	High absenteeism among workers who need to care for family m	discrete	numeric	In the past 24 months, has your workforce been affected in any of the following ways:
V193	k1a	In 2005, did this establishment have its annual financial st	discrete	numeric	In 2005, did this establishment have its annual financial statements checked and certified by an external auditor?
V194	k1b	Does this establishment currently have a checking/saving acc	discrete	numeric	Does this establishment currently have a checking and/or saving account?
V195	k1c1	Of the land occupied by this establishment, what percentage	discrete	numeric	Of the land occupied by this establishment, what percentage does it: Own
V196	k1c2	Of the land occupied by this establishment, what percentage	discrete	numeric	Of the land occupied by this establishment, what percentage does it: Lease
V197	k1c3	Of the land occupied by this establishment, what percentage	discrete	numeric	Of the land occupied by this establishment, what percentage does it: Other
V198	k1c3x	Other (Specify)	discrete	character	Of the land occupied by this establishment, what percentage does it: Other (specify)
V199	k2a	Does your establishment have an overdraft facility?	discrete	numeric	Does your establishment have an overdraft facility?
V200	k2b	If yes, what is the average annual interest rate?	discrete	numeric	Does your establishment have an overdraft facility? If yes, what is the average annual interest rate?
V201	k3a	Did you purchase Fixed assets in 2005?	discrete	numeric	Did you purchase Fixed assets in 2005?
V202	k3a1	Internal funds/Retained earnings	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:
V203	k3a2	Internal funds/Retained earnings	discrete	numeric	Purchases of fixed assets
V204	k3b1	Borrowed from Private commercial banks	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:
V205	k3b2	Borrowed from Private commercial banks	discrete	numeric	Purchases of fixed assets
V206	k3c1	Borrowed from state-owned banks and/or government agency	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:
V207	k3c2	Borrowed from state-owned banks and/or government agency	discrete	numeric	Purchases of fixed assets
V208	k3d1	Borrowed from non-bank financial institutions	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:
V209	k3d2	Borrowed from non-bank financial institutions	discrete	numeric	Purchases of fixed assets
V210	k3e1	Purchases on credit from suppliers and advances from custome	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:

ID	Name	Label	Type	Format	Question
V211	k3e2	Purchases on credit from suppliers and advances from custome	discrete	numeric	Purchases of fixed assets
V212	k3f1	Borrowed from family/friends	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:
V213	k3f2	Borrowed from family/friends	discrete	numeric	Purchases of fixed assets
V214	k3g1	Borrowed from informal sources (e.g. moneylenders)	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:
V215	k3g2	Borrowed from informal sources (e.g. moneylenders)	discrete	numeric	Purchases of fixed assets
V216	k3h2	Issued new equity (shares)	discrete	numeric	Purchases of fixed assets
V217	k3i2	Issued new debt (including commercial paper and debentures)	discrete	numeric	Purchases of fixed assets
V218	k3j1	Other Working capital	discrete	numeric	For 2005, please estimate the proportion of financing from the sources below for:
V219	k3j1x	Other Working Capital (Specify)	discrete	character	For 2005, please estimate the proportion of financing from the sources below for:
V220	k3j2	Other Fixed assets	discrete	numeric	Purchases of fixed assets
V221	k3j2x	Other Fixed assets (Specify)	discrete	character	Purchases of fixed assets
V222	k4a	Does your establishment currently have a line of credit or l	discrete	numeric	Does your establishment currently have a line of credit or loan from a financial institution?
V223	k4b	Is it a line of credit or a loan?	discrete	numeric	Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:
V224	k4c	What year was it approved?	discrete	numeric	Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:
V225	k4d	What ws the amount at the time of approval?	discrete	numeric	Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:
V226	k4e	What is the average annual interest rate?	discrete	numeric	Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:
V227	k4f	What is the total duration (term) in months?	discrete	numeric	Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:
V228	k4g	What is the name of the financial institutions that granted.	discrete	character	Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current: What is the name of the financial institution that granted the line of credit or the loan?
V229	k4h	What type of financial institution	discrete	numeric	Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current: What type of financial institution granted the line of credit or the loan?
V230	k4i	Did your financial institution require collateral?	discrete	numeric	Did your financial institution require collateral?
V231	k4j1	Land, buildings	discrete	numeric	Did your financial institution require collateral? If yes, which of the following assets were required as collateral:

ID	Name	Label	Type	Format	Question
V232	k4j2	Machinery and equipment including movables	discrete	numeric	Did your financial institution require collateral? If yes, which of the following assets were required as collateral:
V233	k4j3	Accounts receivable and inventories	discrete	numeric	Did your financial institution require collateral? If yes, which of the following assets were required as collateral:
V234	k4j4	Personal assets of owner (house, etc.)	discrete	numeric	Did your financial institution require collateral? If yes, which of the following assets were required as collateral:
V235	k4j5	Other	discrete	numeric	Did your financial institution require collateral? If yes, which of the following assets were required as collateral:
V236	k4j5x	Other (specify)	discrete	character	Did your financial institution require collateral? If yes, which of the following assets were required as collateral:
V237	k4k	What was the approximate value of the collateral required...	discrete	numeric	Did your financial institution require collateral? If yes, what was the approximate value of the collateral required as a percentage of the amount of the loan or line of credit?
V238	k5a	In 2005, did this establishment apply for loans or lines of	discrete	numeric	In 2005, did this establishment apply for loans or lines of credit?
V239	k5b	How many applications were submitted?	discrete	numeric	In 2005, did this establishment apply for loans or lines of credit? If yes, how many applications were submitted?
V240	k5c	How many of those applications were rejected?	discrete	numeric	In 2005, did this establishment apply for loans or lines of credit? How many of those applications were rejected?
V241	k5d	What was the most common reason given by the lender...	discrete	numeric	In 2005, did this establishment apply for loans or lines of credit? What was the most common reason given by the lender for those rejections?
V242	k6	If your establishment did not apply for a line of credit or	discrete	numeric	If your establishment did not apply for a line of credit or a loan, what was the main reason?
V243	l1a	What were the total sales of your establishments Last Month	contin	numeric	What were the total sales of your establishment in: Last month
V244	l1b	What were the total sales of your establishments 2005	contin	numeric	What were the total sales of your establishment in: 2005
V245	l2a	total cost of raw materials and intermediate goods used in p	contin	numeric	Please provide the following information on your establishment's costs: Total cost of raw materials and intermediate goods used in production
V246	l2b	Total cost of labor	contin	numeric	Please provide the following information on your establishment's costs: Total cost of labor, including wages, salaries and bonuses and social payments
V247	l2d	Total cost of rental of land/builidngs, equipment, furniture	contin	numeric	Please provide the following information on your establishment's costs: Total cost of rental of land/buildings, equipment, furniture
V248	l3a	Electricity	contin	numeric	Please provide the following information on your establishment's costs:
V249	l4a	Machinery, vehcles and equipment (new and or used)	contin	numeric	In 2005, how much did your establishment spend on purchases of:
V250	l4b	Land and buildings	contin	numeric	In 2005, how much did your establishment spend on purchases of:
V251	l6a	All machinery, vehicules and equipment that you use (whether	contin	numeric	In 2005, if you had needed to purchase the following in its condition at that time, how much would it have cost? All machinery, vehicules and equipment that you use (whether you own it or not)

ID	Name	Label	Type	Format	Question
V252	l6b	All land and buildings that you use (whether you own it or n	contin	numeric	In 2005, if you had needed to purchase the following in its condition at that time, how much would it have cost? All land and buildings that you use (whether you own it or not)
V253	endmonth	Month (MM)	discrete	numeric	
V254	endday	Day (DD)	discrete	numeric	
V255	endhour	Hour	discrete	numeric	
V256	endmin	Minutes	discrete	numeric	
V257	endampm	AM/PM	discrete	character	
V258	m1	Opinions and perceptions	discrete	numeric	
V259	m2	Figures	discrete	numeric	
V260	m3a	Questionnaire was completed in	discrete	numeric	
V261	m3b1	if 2 or 3, estimate the duration of the whole interview - Ho	discrete	numeric	
V262	m3b2	if 2 or 3, estimate the duration of the whole interview - Mi	discrete	numeric	
V263	comments	Comments	discrete	character	
V264	commen_a	Comments 2	discrete	character	



**IDQuest (idquest)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 4001-4611	

**Country code (country)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-13	

**(idstd)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 6	
Decimals: 0	
Range: 95426-95540	

**Country name (countryn)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: character	Invalid: 0
Width: 6	

**Callback (callback)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**City (city)**

File: Rwanda-2006-Micro-full data-1

**Overview**



**City (city)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: character  
 Width: 6

Valid cases: 128  
 Invalid: 0

**Region (reg)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-4

Valid cases: 128  
 Invalid: 0

**Interviewer (intcode)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-15

Valid cases: 128  
 Invalid: 0

**Industry (industry)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-15

Valid cases: 128  
 Invalid: 0

**Sample stratum (sampstra)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-5

Valid cases: 128  
 Invalid: 0

**Screening stratum (screenst)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**Screeners stratum (screenst)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-5

Valid cases: 128  
 Invalid: 0

**Stratum Match (stratmat)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-3

Valid cases: 128  
 Invalid: 0

**Part of a larger firm? (multiest)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Does your establishment maintain financial information ... ? (fins)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Supervisor (super)**

File: Rwanda-2006-Micro-full data-1

**Overview**

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

Valid cases: 128  
 Invalid: 0

**Month (startmon)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**Month (startmon)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 6-7

Valid cases: 128  
 Invalid: 0

**Day (startday)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-30

Valid cases: 128  
 Invalid: 0

**Hour (starthou)**

File: Rwanda-2006-Micro-full data-1

**Overview**

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

Valid cases: 128  
 Invalid: 0

**Minutes (startmin)**

File: Rwanda-2006-Micro-full data-1

**Overview**

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

Valid cases: 128  
 Invalid: 0

**AM/PM (startamp)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: character  
 Width: 2

Valid cases: 128  
 Invalid: 0

**Current legal status (b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**Current legal status (b1)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-5

Valid cases: 128  
 Invalid: 0

**Literal question**

What is the current legal status of your firm?

**Other (legal status) (b1x)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: character  
 Width: 3

Valid cases: 128  
 Invalid: 0

**Literal question**

What is the current legal status of your firm?

**% - private domestic individuals, companies or orgs (b2a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 95.9  
 Standard deviation: 19.5

**Literal question**

What percentage of your firm is owned by:

**% - private foreign individuals, companies or orgs (b2b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 3.9  
 Standard deviation: 19.5

**Literal question**

What percentage of your firm is owned by:

**Govn't/State (b2c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**Govn't/State (b2c)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 1	Maximum: 20
Range: 0-65	Mean: 0.2
	Standard deviation: 1.8

**Literal question**

What percentage of your firm is owned by:

**Other (b2d)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 1	
Range: 0-0	

**Literal question**

What percentage of your firm is owned by:

**What percentage does the largest shareholder(s) own? (b3a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	Minimum: 20
Decimals: 1	Maximum: 100
Range: 34-100	Mean: 99
	Standard deviation: 8.3

**Literal question**

What percentage of this firm does the largest shareholder(s) own?

**- Female? (b3b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Are any of the principal owners:

**- Of African origin? (b3b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**- Of African origin? (b3b2)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Are any of the principal owners:

**- Of Indian origin? (b3b3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Are any of the principal owners:

**- Of Lebanese or Middle Eastern origin? (b3b4)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Are any of the principal owners:

**- Of other Asian origin? (b3b5)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Are any of the principal owners:

**- Of European or Caucasian origin? (b3b6)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**- Of European or Caucasian origin? (b3b6)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Are any of the principal owners:

**- Of other ethnic origin? (b3b7)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Are any of the principal owners:

**What is the highest level of education of the top manager? (b4a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-12

Valid cases: 128  
 Invalid: 0

**Literal question**

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

**How many years of experience ... does the top manager have? (b4b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-40  
 Invalid: -88

Valid cases: 127  
 Invalid: 1  
 Minimum: 0  
 Maximum: 30  
 Mean: 8.4  
 Standard deviation: 6.3

**Literal question**

How many years has the top manager worked:  
 In a managerial function in this sector?

**In what year did this establishment begin operations in this (b4c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**In what year did this establishment begin operations in this (b4c)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1974-2005

Valid cases: 128  
 Invalid: 0

**Literal question**

In what year did this establishment begin operations in this country?

**- Manufacturing? (c1a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 3  
 Standard deviation: 15.8

**Literal question**

In 2005, what percentage of this establishment's sales came from the following activities:

**- Services? (c1b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 97  
 Standard deviation: 15.8

**Literal question**

In 2005, what percentage of this establishment's sales came from the following activities:

**- Other? (c1c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

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

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what percentage of this establishment's sales came from the following activities:

**Specify: (c1cx)**

File: Rwanda-2006-Micro-full data-1

**Overview**



**Specify: (c1cx)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

**Literal question**

In 2005, what percentage of this establishment's sales came from the following activities:

**- Paid for before delivery? (c2a1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: -66-100

Valid cases: 128  
 Invalid: 0

**Literal question**

What percentage of your establishment's sales were:

**- Paid for on delivery? (c2a2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: -66-100

Valid cases: 128  
 Invalid: 0

**Literal question**

What percentage of your establishment's sales were:

**- Paid for after delivery? (c2a3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 1  
 Range: -66-75

Valid cases: 128  
 Invalid: 0

**Literal question**

What percentage of your establishment's sales were:

**What % of total sales came from selling intermediate product (c2b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**What % of total sales came from selling intermediate product (c2b)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-70

Valid cases: 128  
 Invalid: 0

**Literal question**

What percentage of this establishment's total sales came from selling intermediate products and services used as inputs in purchasers' production processes?

**What % of total payments received were non-cash payments thr (c2c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-80  
 Invalid: -88

Valid cases: 127  
 Invalid: 1  
 Minimum: 0  
 Maximum: 40  
 Mean: 1.3  
 Standard deviation: 5.1

**Literal question**

What percentage of the total payments you received were in the form of non-cash payments through the formal financial sector (checks, direct deposits, or credit cards)?

**Who was the principal buyer for establishment's output? (c2e)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-7

Valid cases: 128  
 Invalid: 0

**Literal question**

Who was the principal buyer for this establishment's output?

**First: (c3a1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: character  
 Width: 31

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?

**ISIC 1 (c3a2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**ISIC 1 (c3a2)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1520-7499

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?

**Percentage of sales 1 (c3a3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 7  
 Maximum: 100  
 Mean: 71.8  
 Standard deviation: 28.4

**Literal question**

In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?

**Second: (c3b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: character  
 Width: 32

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?

**ISIC 2 (c3b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -44-7499

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?

**Percentage of sales 2 (c3b3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**Percentage of sales 2 (c3b3)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: -44-50

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what were this establishment's 2 main products represented by the largest proportion of annual sales?

**E-mail? (c4a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In its communications with clients and suppliers, does your establishment currently use:

**It's own website? (c4b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In its communications with clients and suppliers, does your establishment currently use:

**Cell phone(s)? (c4c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In its communications with clients and suppliers, does your establishment currently use:

**National sales (c6a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**National sales (c6a)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 20-100

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what percentage of your establishment's sales were:

**Direct exports (c6b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

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

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what percentage of your establishment's sales were:

**In what year did you begin exporting directly? (c6b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -44--44

Valid cases: 128  
 Invalid: 0

**Literal question**

In what year did you begin exporting directly?

**Indirect exports (c6c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 1  
 Range: 0-80

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, what percentage of your establishment's sales were:

**In what year did you begin exporting indirectly? (c6c1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**In what year did you begin exporting indirectly? (c6c1)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -44-2005

Valid cases: 128  
 Invalid: 0

**Literal question**

In what year did you begin exporting indirectly?

**- Of domestic origin? (d1a1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 59.3  
 Standard deviation: 45.8

**Literal question**

In 2005, what percentage of your establishment's material inputs and/or supplies were:

**- Of foreign origin? (d1a2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 40.7  
 Standard deviation: 45.8

**Literal question**

In 2005, what percentage of your establishment's material inputs and/or supplies were:

**- Paid for before delivery? (d3a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-100

Valid cases: 128  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 10.7  
 Standard deviation: 28

**Literal question**

In 2005, what percentage of total annual purchases of material inputs or services, were:

**- Paid for on delivery? (d3b)**

File: Rwanda-2006-Micro-full data-1

**- Paid for on delivery? (d3b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -66-100	

**Literal question**

In 2005, what percentage of total annual purchases of material inputs or services, were:

**- Paid for after delivery? (d3c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	
Decimals: 1	
Range: -66-100	

**Literal question**

In 2005, what percentage of total annual purchases of material inputs or services, were:

**Just prior to receiving ... how many days of inventory do yo (d4a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-365	Mean: 8.2
	Standard deviation: 15.2

**Literal question**

Just prior to receiving a delivery of your most important input, how many days of stock (days of production) does your establishment typically have on hand?

**For how many years have you known the primary supplier of ma (d4b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-30	Mean: 4.6
	Standard deviation: 4.3

**Literal question**

For how many years have you known the primary supplier of the main input used in 2005?

## How many hours per week did your establishment normally oper (e1b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	Minimum: 32
Decimals: 1	Maximum: 108
Range: 36-168	Mean: 65.7
	Standard deviation: 15.5

### Literal question

How many hours per week did your establishment normally operate?

## Telecommunications (f1a1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Electricity (f1a2)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Transportation (f1a3)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Access to land (f1a4)

File: Rwanda-2006-Micro-full data-1



**Access to land (f1a4)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

**Literal question**

Do you think that the following present any obstacle to the current operations of your establishment?

**Tax rates (f1a5)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

**Literal question**

Do you think that the following present any obstacle to the current operations of your establishment?

**Tax administration (f1a6)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

**Literal question**

Do you think that the following present any obstacle to the current operations of your establishment?

**Customs and Trade Regulations (f1a7)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

**Literal question**

Do you think that the following present any obstacle to the current operations of your establishment?

**Functioning of the courts (f1a8)**

File: Rwanda-2006-Micro-full data-1

**Overview**

## Functioning of the courts (f1a8)

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Labor Regulations (f1a9)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Inadequately educated workforce (f1a10)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Business licensing and Permits (f1a11)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Access to finance (availability and cost) (f1a12)

File: Rwanda-2006-Micro-full data-1

### Overview

## Access to finance (availability and cost) (f1a12)

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Political instability (f1a13)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Macroeconomic instability (f1a14)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Corruption (f1a15)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-5

Valid cases: 128  
Invalid: 0

### Literal question

Do you think that the following present any obstacle to the current operations of your establishment?

## Crime, theft and disorder (f1a16)

File: Rwanda-2006-Micro-full data-1

### Overview

**Crime, theft and disorder (f1a16)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-5

Valid cases: 128  
 Invalid: 0

**Literal question**

Do you think that the following present any obstacle to the current operations of your establishment?

**Practices of competitors in the informal sector (f1a17)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-5

Valid cases: 128  
 Invalid: 0

**Literal question**

Do you think that the following present any obstacle to the current operations of your establishment?

**The most serious obstacle (f1b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-17

Valid cases: 128  
 Invalid: 0

**Literal question**

Among all of the above issues, please indicate which one constitutes:

**The second most serious obstacle (f1b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -66-17

Valid cases: 128  
 Invalid: 0

**Literal question**

Among all of the above issues, please indicate which one constitutes:

**The third most serious obstacle (f1b3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**The third most serious obstacle (f1b3)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -77-17

Valid cases: 128  
 Invalid: 0

**Literal question**

Among all of the above issues, please indicate which one constitutes:

**an electrical connection? (g1a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Currently, does your establishment have:

**a water connection? (g1b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Currently, does your establishment have:

**toilet facilities connected to a public sewer? (g1c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Currently, does your establishment have:

**a mainline telephone connection? (g1d)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**a mainline telephone connection? (g1d)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

Currently, does your establishment have:

**Power outages? (g1a1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, did your establishment experience:

**Insufficient water supply for production? (g1b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, did your establishment experience:

**How many times in a typical month - power outages? (g1a2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -44-30  
 Invalid: -44

Valid cases: 44  
 Invalid: 84  
 Minimum: 1  
 Maximum: 20  
 Mean: 10.2  
 Standard deviation: 5.8

**Literal question**

How many times in a typical month?

**How many times in a typical month - insufficient water suppl (g1b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

## How many times in a typical month - insufficient water suppl (g1b2)

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -44-26

Valid cases: 128  
Invalid: 0

### Literal question

How many times in a typical month?

## How long - power outages? (g1a3)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: -44-90  
Invalid: -44, -66

Valid cases: 44  
Invalid: 84  
Minimum: 0.5  
Maximum: 30  
Mean: 4.1  
Standard deviation: 5.4

### Literal question

How long did each occurrence last on average?

## How long - insufficient water supply? (g1b3)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: -44-48

Valid cases: 128  
Invalid: 0

### Literal question

How long did each occurrence last on average?

## Total loss as a % of annual sales? (g1a4)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: -66-20

Valid cases: 128  
Invalid: 0

### Literal question

What were your total losses for the year as a result,  
Power outages?

## Total loss as a total amount? (g1a5)

File: Rwanda-2006-Micro-full data-1

**Total loss as a total amount? (g1a5)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: -66-160000	

**Literal question**

What were your total losses for the year as a result, Power outages?

**In 2005, did your establishment own or share a generator? (g4a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In 2005, did your establishment own or share a generator?

**If yes, what percentage of your electricity came from... (g4b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -44-100	

**Literal question**

If yes, what percentage of your electricity came from your owned or shared generator(s)?

**in 2005, what percentage of your establishment's water suppl (g5)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -77-100	

**Literal question**

In 2005, what percentage of your establishment's water supply, used in the production process, was from public sources?

**In 2005, did your establishment use its own transport to mak (g6a)**

File: Rwanda-2006-Micro-full data-1



**In 2005, did your establishment use its own transport to mak (g6a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In 2005, did your establishment use its own transport to make shipments to its customers?

**If yes, what percentage, in terms of shipment value, was tra (g6b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -44-100	

**Literal question**

If yes, what percentage, in terms of shipment value, was transported by your own transportation?

**In 2005, what percentage of the value of your domestic shipm (g7a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 1	Maximum: 40
Range: 0-15	Mean: 5.1
	Standard deviation: 8.5

**Literal question**

In 2005, what percentage of the value of your domestic shipments to clients was lost while in transit due to: Breakage or spoilage?

**In 2005, what percentage of the value of your domestic shipm (g7b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 1	Maximum: 50
Range: 0-20	Mean: 1.1
	Standard deviation: 4.9

**Literal question**

In 2005, what percentage of the value of your domestic shipments to clients was lost while in transit due to: Theft?

**In 2005, did this establishment pay for security? (g8a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In 2005, did this establishment pay for security (equipment, personnel, or professional security services)?

**If yes, how much was spent as total annual cost? (g8b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 91
Format: numeric	Invalid: 37
Width: 6	Minimum: 1500
Decimals: 0	Maximum: 240000
Range: -88-288000	Mean: 34697.8
Invalid: -88, -66, -44	Standard deviation: 49129.1

**Literal question**

If yes, how much was spent? (calculated as total annual cost or as a percentage of annual sales)

**If yes, how much was spent as a percentage of annual sales? (g8b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 2
Format: numeric	Invalid: 126
Width: 5	
Decimals: 1	
Range: -88-10	
Invalid: -88, -44	

**Literal question**

If yes, how much was spent? (calculated as total annual cost or as a percentage of annual sales)

**In 2005, did this establishment experience losses as a result (g9a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In 2005, did this establishment experience losses as a result of theft, robbery, vandalism or arson?

**If yes, what were the estimated losses as the total annual v (g9b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 7	
Decimals: 0	
Range: -44-498000	

**Literal question**

If yes, what were the estimated losses? (calculated as the total annual value or as a percentage of annual sales)

**If yes, what were the estimated losses as a percentage of an (g9b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 10
Format: numeric	Invalid: 118
Width: 5	Minimum: 5
Decimals: 1	Maximum: 75
Range: -44-20	Mean: 17.2
Invalid: -44	Standard deviation: 21.8

**Literal question**

If yes, what were the estimated losses? (calculated as the total annual value or as a percentage of annual sales)

**Currently, is this establishment's main business location th (g10a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Currently, is this establishment's main business location the owner's house?

**Is it in a permanent non-movable structure? (g10b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Is it in a permanent non-movable structure?

**Over the last 12 months, has this establishment had to chang (g10c)**

File: Rwanda-2006-Micro-full data-1

## Over the last 12 months, has this establishment had to chang (g10c)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-2

Valid cases: 128  
Invalid: 0

### Literal question

Over the last 12 months, has the establishment had to change location due to a lack of secure title to its land or buildings (i.e. it has been forced out by officials, landlord, others with a claim)?

## Fair, impartial and uncorrupted (h1a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-4

Valid cases: 128  
Invalid: 0

### Literal question

To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?

### Interviewer instructions

Business disputes: Matters of payment for goods or services, liability and property right enforcement. Labor disputes are not included.

## Quick (h1b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-4

Valid cases: 128  
Invalid: 0

### Literal question

To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?

### Interviewer instructions

Business disputes: Matters of payment for goods or services, liability and property right enforcement. Labor disputes are not included.

## Affordable (h1c)

File: Rwanda-2006-Micro-full data-1

### Overview

**Affordable (h1c)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-4

Valid cases: 128  
 Invalid: 0

**Literal question**

To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?

**Interviewer instructions**

Business disputes: Matters of payment for goods or services, liability and property right enforcement. Labor disputes are not included.

**Able to enforce its decision (h1d)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-4

Valid cases: 128  
 Invalid: 0

**Literal question**

To what extent do you agree or disagree with the following characteristics of the court system when resolving business disputes?

**Interviewer instructions**

Business disputes: Matters of payment for goods or services, liability and property right enforcement. Labor disputes are not included.

**In the last 2 years, did your establishment have a payment d (h2a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**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?

**If yes, was the court system used to resolve it? (h2b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

If yes, was the court system used to resolve it?

## Over the last 12 months, in a typical week, what percentage (i1a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 127
Format: numeric	Invalid: 1
Width: 4	Minimum: 0
Decimals: 1	Maximum: 50
Range: -99-45	Mean: 2.1
Invalid: -99, -88, -66	Standard deviation: 7.2

### Literal question

Over the last 12 months, in a typical week, what percentage of total senior management's time was spent in dealing with requirements imposed by government regulations?

### Interviewer instructions

Senior Management: Managers, directors, and officers above direct supervisors of production/sales workers.

Government regulations: For example : taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms.

## Government officials' interpretations of the laws and regula (i1b1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-4	

### Literal question

To what extent do you agree or disagree with the following statements?

Government officials' interpretations of the laws and regulations affecting this establishment are consistent and predictable

## It is common for establishments in this line of business to (i1b2)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-4	

### Literal question

To what extent do you agree or disagree with the following statements?

It is common for establishments in this line of business to have to pay informal payments/gifts to get things done with regard to customs, taxes, licenses, regulations, etc.

## Establishments in this line of business know in advance about (i1b3)

File: Rwanda-2006-Micro-full data-1

### Overview

## Establishments in this line of business know in advance about (i1b3)

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-4

Valid cases: 128  
Invalid: 0

### Literal question

To what extent do you agree or disagree with the following statements?

Establishments in this line of business know in advance about how much this informal payment/gift is to get things done.

## We've heard that establishments... what % of total annual sa (i1c1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 1  
Range: -88-25  
Invalid: -88, -66, -44

Valid cases: 128  
Invalid: 0  
Minimum: 0  
Maximum: 60  
Mean: 1.7  
Standard deviation: 6.6

### Literal question

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

## We've heard that establishments... estimated annual value? (i1c2)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -88-96000

Valid cases: 128  
Invalid: 0

### Literal question

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

## When establishments like this one do business with the gover (i1d)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 1  
Range: -88-30

Valid cases: 127  
Invalid: 1

### Literal question

**When establishments like this one do business with the gover (i1d)**

File: Rwanda-2006-Micro-full data-1

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

**A mainline telephone connection (i2a1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-2

Valid cases: 128  
Invalid: 0

**Literal question**

In the last 2 years, did you request:

**How many days (i2a2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -55-120

Valid cases: 128  
Invalid: 0

**Literal question**

If yes, how many days did it take to obtain?

**was a gift or informal payment ever expected or requested? (i2a3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-2

Valid cases: 128  
Invalid: 0

**Literal question**

If yes, was a gift or informal payment ever expected/requested?

**An electrical connection (i2b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-2

Valid cases: 128  
Invalid: 0

**Literal question**

In the last 2 years, did you request:



**How many days (i2b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -44-730	

**Literal question**

If yes, how many days did it take to obtain?

**was a gift or informal payment ever expected or requested? (i2b3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

If yes, was a gift or informal payment ever expected/requested?

**A water connection (i2c1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In the last 2 years, did you request:

**How many days (i2c2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -55-70	

**Literal question**

If yes, how many days did it take to obtain?

**was a gift or informal payment ever expected or requested? (i2c3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**was a gift or informal payment ever expected or requested? (i2c3)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

If yes, was a gift or informal payment ever expected/requested?

**A construction related permit (i2d1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In the last 2 years, did you request:

**How many days (i2d2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -55-450

Valid cases: 128  
 Invalid: 0

**Literal question**

If yes, how many days did it take to obtain?

**was a gift or informal payment ever expected or requested? (i2d3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

If yes, was a gift or informal payment ever expected/requested?

**An import license (i2e1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**An import license (i2e1)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In the last 2 years, did you request:

**How many days (i2e2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -55-365

Valid cases: 128  
 Invalid: 0

**Literal question**

If yes, how many days did it take to obtain?

**was a gift or informal payment ever expected or requested? (i2e3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

If yes, was a gift or informal payment ever expected/requested?

**An operating license (i2f1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In the last 2 years, did you request:

**How many days (i2f2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**How many days (i2f2)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete	Valid cases: 70
Format: numeric	Invalid: 58
Width: 3	Minimum: 0
Decimals: 0	Maximum: 90
Range: -55-365	Mean: 4.5
Invalid: -44, -55	Standard deviation: 13.9

**Literal question**

If yes, how many days did it take to obtain?

**was a gift or informal payment ever expected or requested? (i2f3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

If yes, was a gift or informal payment ever expected/requested?

**Over the last 12 months, was this establishment visited by, (i3a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Over the last 12 months, was this establishment visited by, inspected by, or required to meet with tax officials?

**If yes, how many times? (i3b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 82
Format: numeric	Invalid: 46
Width: 3	
Decimals: 0	
Range: -44-36	
Invalid: -44	

**Literal question**

Over the last 12 months, was this establishment visited by, inspected by, or required to meet with tax officials? If yes, how many times?

**In any of these visits, inspections or meetings, was a gift (i3c)**

File: Rwanda-2006-Micro-full data-1

**In any of these visits, inspections or meetings, was a gift (i3c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Over the last 12 months, was this establishment visited by, inspected by, or required to meet with tax officials? In any of these visits, inspections or meetings, was a gift or informal payment expected/requested?

**What percentage of total annual sales would you estimate a t (i4)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 1	Maximum: 100
Range: -66-100	Mean: 56.8
Invalid: -66	Standard deviation: 46.3

**Literal question**

What percentage of total annual sales would you estimate a typical establishment in your sector of activity reports for tax purposes?

**Has this firm obtained approval for or registered its name w (i5a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Has this firm obtained approval for or registered its name with the Office of the Registrar or other government institution responsible for approving company names?

**Has this firm registered with the Office of the Registrar, t (i5b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Has this firm registered with the Office of the Registrar, the local courts, or other government institutions responsible for commercial registration?

**Has this firm obtained or trade license or otherwise registe (i5c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Has this firm obtained an operating or trade license or otherwise registered for a general business license with any municipal agency?

**Has this firm registered with or obtained a tax identificati (i5d)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Has this firm registered with or obtained a tax identification number from the tax administration or other agency responsible for tax registration?

**Difficulty of getting information on what you need to do to (i6a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

**Literal question**

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

**Time to complete registration procedures (i6b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

**Literal question**

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

## Financial cost of completing registration precedures (i6c)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

## Minimum capital requirements for registered enterprises in m (i6d)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

## Financial burden of taxes on registered enterprises (i6e)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

## Administrative burden of complying with all tax laws for reg (i6f)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

## Other administrative burdens imposed on registered businesses (i6g)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

## Strict labor market rules that registered businesses must co (i6h)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-5	

### Literal question

Whether this establishment is registered or not, do you think that the following present any obstacle with respect to registering a business?

## How many full-time employees did this establishment employ w (j1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-14	

### Literal question

How many full-time employees did this establishment employ when it started operations?

## Total number of employees at the end of 2005 (j2a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 4
Range: 1-5	Mean: 1.3
	Standard deviation: 1.2

### Literal question

Please describe the full-time paid workforce of your establishment:

### Interviewer instructions



## Total number of employees at the end of 2005 (j2a)

File: Rwanda-2006-Micro-full data-1

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## Of which total number of females (j2b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 3
Range: 0-4	Mean: 0.4
	Standard deviation: 0.7

### Literal question

Please describe the full-time paid workforce of your establishment:

## Total number of employees at the end of 2002 (j2c)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 94
Format: numeric	Invalid: 34
Width: 3	Minimum: 0
Decimals: 0	Maximum: 5
Range: -77-6	Mean: 1.2
Invalid: -77	Standard deviation: 1.2

### Literal question

Please describe the full-time paid workforce of your establishment:

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## What was the average monthly compensation per employee... (j2d)

File: Rwanda-2006-Micro-full data-1

### Overview

## What was the average monthly compensation per employee... (j2d)

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 0  
Range: -99-29800  
Invalid: -99

Valid cases: 128  
Invalid: 0

### Literal question

Approximately, in 2005, what was the average monthly compensation per employee, including benefits when applicable, for each type of paid full-time worker?

## What percentage of the total payments that your establishment (j2e)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: 0-100

Valid cases: 128  
Invalid: 0

### Literal question

In 2005, what percentage of the total payments that your establishment made to your employees were in the form of noncash payments through the formal financial sector (ex. checks, direct deposits, or credit card)?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## At the end of 2005, how many part-time workers did you employ (j4a)

File: Rwanda-2006-Micro-full data-1

### Overview

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

Valid cases: 128  
Invalid: 0  
Minimum: 0  
Maximum: 5  
Mean: 0.6  
Standard deviation: 1

### Literal question

At the end of 2005, how many part-time workers did you employ?

### Interviewer instructions

## At the end of 2005, how many part-time workers did you employ (j4a)

File: Rwanda-2006-Micro-full data-1

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## At the end of 2005, how many unpaid workers did you employ? (j4b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 6
Range: 0-5	Mean: 0.4
	Standard deviation: 0.7

### Literal question

At the end of 2005, how many unpaid full-time workers did you employ?

## At the end of 2005, how many family members of the owners did you employ? (j4c)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 6
Range: 0-5	Mean: 0.7
	Standard deviation: 0.9

### Literal question

At the end of 2005, how many family members of the owners did you employ?

## What percentage of the total workforce would you estimate that you employ? (j5)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 1	Maximum: 100
Range: -66-100	Mean: 37.6
Invalid: -66	Standard deviation: 47.7

### Literal question

## What percentage of the total workforce would you estimate th (j5)

File: Rwanda-2006-Micro-full data-1

What percentage of the total workforce would you estimate the typical establishment in your line of business declares for tax purposes?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## How did this establishment find its most recent employee? (j6a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete

Format: numeric

Width: 3

Decimals: 0

Range: -99-6

Valid cases: 128

Invalid: 0

### Literal question

How did this establishment find its most recent employee?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## Other (Specify) (j6ax)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete

Format: character

Width: 9

Valid cases: 128

Invalid: 0

### Literal question

How did this establishment find its most recent employee?

### Interviewer instructions

**Other (Specify) (j6ax)**

File: Rwanda-2006-Micro-full data-1

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

**What percentage of your workforce is currently unionized? (j6b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: 0-100

Valid cases: 128  
Invalid: 0

**Literal question**

What percentage of your workforce is currently unionized?

**Interviewer instructions**

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

**In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? (j6c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-4

Valid cases: 128  
Invalid: 0

**Literal question**

In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way?

**Interviewer instructions**

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## If yes, if you had not had to comply with labor regulations, (j6d)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? If yes, if you had not had to comply with labor regulations, would you have:

Hired workers?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## If yes, how many? (j6e)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -44-3	

### Literal question

In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? Hired workers? If yes, how many?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## If yes, if you had not had to comply with labor regulations, (j6f)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

## If yes, if you had not had to comply with labor regulations, (j6f)

File: Rwanda-2006-Micro-full data-1

### Literal question

In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? If yes, if you had not had to comply with labor regulations, would you have:

Fired workers?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## If yes, how many? (j6g)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete

Format: numeric

Width: 3

Decimals: 0

Range: -44-2

Valid cases: 128

Invalid: 0

### Literal question

In 2005, did labor regulations affect your decisions about hiring or firing permanent employees in a significant way? If yes, if you had not had to comply with labor regulations, would you have:

Fired workers? If yes, how many?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## What is the average educational attainment of a typical prod (j8a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete

Format: numeric

Width: 3

Decimals: 0

Range: -99-4

Valid cases: 128

Invalid: 0

### Literal question

What is the average educational attainment of a typical production worker employed in your establishment?

### Interviewer instructions

## What is the average educational attainment of a typical prod (j8a)

File: Rwanda-2006-Micro-full data-1

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## In 2005, did this establishment run formal training programs (j8b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -99-2

Valid cases: 128  
Invalid: 0

### Literal question

In 2005, did this establishment run formal training programs for its permanent, full-time employees?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.

## If yes, production workers (j8c1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: -44-100

Valid cases: 128  
Invalid: 0

### Literal question

In 2005, did this establishment run formal training programs for its permanent, full-time employees?

### Interviewer instructions

Skilled production workers: Persons involved directly in the production process or at a supervisor level and whom management considers to be skilled.

Unskilled production workers: Persons involved in production processes but whom management considers to be unskilled.

Non production workers: Management, professional, support, administrative, sale employees and others.

Temporary/seasonal workforce: All paid short-term (i.e. for less than a fiscal year) employees that work 8 or more hours per day with no guarantee of renewal of employment contract).

Permanent workforce: All paid employees that work 8 or more hours per day and that are contracted for a term of one or more fiscal years and/or have a guaranteed renewal of their employment contract.

Part-time workers: All paid workers that work less than 8 hours per day.



**HIV prevention messages (j9a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In 2005, did your establishment undertake any of the following activities to prevent HIV/AIDS among employees?

**Free condom distribution (j9b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In 2005, did your establishment undertake any of the following activities to prevent HIV/AIDS among employees?

**Anonymous HIV testing (j9c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In 2005, did your establishment undertake any of the following activities to prevent HIV/AIDS among employees?

**High absenteeism among workers due to sickness (j10a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

In the past 24 months, has your workforce been affected in any of the following ways:

**High absenteeism among workers who need to care for family members (j10b)**

File: Rwanda-2006-Micro-full data-1

## High absenteeism among workers who need to care for family m (j10b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

In the past 24 months, has your workforce been affected in any of the following ways:

## High absenteeism among workers due to HIV/AIDS (j10c)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

In the past 24 months, has your workforce been affected in any of the following ways:

## High absenteeism among workers who need to care for family m (j10d)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

In the past 24 months, has your workforce been affected in any of the following ways:

## In 2005, did this establishment have its annual financial st (k1a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

In 2005, did this establishment have its annual financial statements checked and certified by an external auditor?

## Does this establishment currently have a checking/saving acc (k1b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 127
Format: numeric	Invalid: 1
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

Does this establishment currently have a checking and/or saving account?

## Of the land occupied by this establishment, what percentage (k1c1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 1	Maximum: 100
Range: 0-100	Mean: 6.1
	Standard deviation: 22.9

### Literal question

Of the land occupied by this establishment, what percentage does it:  
Own

## Of the land occupied by this establishment, what percentage (k1c2)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: 0-100	

### Literal question

Of the land occupied by this establishment, what percentage does it:  
Lease

## Of the land occupied by this establishment, what percentage (k1c3)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 1	
Range: 0-100	

### Literal question

## Of the land occupied by this establishment, what percentage (k1c3)

File: Rwanda-2006-Micro-full data-1

Of the land occupied by this establishment, what percentage does it:  
Other

## Other (Specify) (k1c3x)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: character	Invalid: 0
Width: 3	

### Literal question

Of the land occupied by this establishment, what percentage does it:  
Other (specify)

## Does your establishment have an overdraft facility? (k2a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

Does your establishment have an overdraft facility?

## If yes, what is the average annual interest rate? (k2b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -44-20	

### Literal question

Does your establishment have an overdraft facility? If yes, what is the average annual interest rate?

## Did you purchase Fixed assets in 2005? (k3a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

### Literal question

## Did you purchase Fixed assets in 2005? (k3a)

File: Rwanda-2006-Micro-full data-1

Did you purchase Fixed assets in 2005?

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts  
Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Internal funds/Retained earnings (k3a1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: 0-100	

### Literal question

For 2005, please estimate the proportion of financing from the sources below for:

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts  
Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Internal funds/Retained earnings (k3a2)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 61
Format: numeric	Invalid: 67
Width: 5	
Decimals: 1	
Range: -44-100	
Invalid: -44	

### Literal question

Purchases of fixed assets

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts  
Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Borrowed from Private commercial banks (k3b1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	
Decimals: 1	
Range: 0-80	

### Literal question

For 2005, please estimate the proportion of financing from the sources below for:

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts  
Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Borrowed from Private commercial banks (k3b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -44-100	

**Literal question**

Purchases of fixed assets

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts  
 Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Borrowed from state-owned banks and/or government agency (k3c1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: 0-20	

**Literal question**

For 2005, please estimate the proportion of financing from the sources below for:

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts  
 Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Borrowed from state-owned banks and/or government agency (k3c2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -44-100	

**Literal question**

Purchases of fixed assets

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts  
 Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Borrowed from non-bank financial institutions (k3d1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**Borrowed from non-bank financial institutions (k3d1)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: 0-50

Valid cases: 128  
 Invalid: 0

**Literal question**

For 2005, please estimate the proportion of financing from the sources below for:

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts  
 Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Borrowed from non-bank financial institutions (k3d2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: -44-0

Valid cases: 128  
 Invalid: 0

**Literal question**

Purchases of fixed assets

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts  
 Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Purchases on credit from suppliers and advances from custome (k3e1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 1  
 Range: 0-60

Valid cases: 128  
 Invalid: 0

**Literal question**

For 2005, please estimate the proportion of financing from the sources below for:

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts  
 Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Purchases on credit from suppliers and advances from custome (k3e2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

## Purchases on credit from suppliers and advances from custome (k3e2)

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: -44-0

Valid cases: 128  
Invalid: 0

### Literal question

Purchases of fixed assets

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts  
Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Borrowed from family/friends (k3f1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: 0-50

Valid cases: 128  
Invalid: 0

### Literal question

For 2005, please estimate the proportion of financing from the sources below for:

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts  
Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Borrowed from family/friends (k3f2)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 5  
Decimals: 1  
Range: -44-50

Valid cases: 128  
Invalid: 0

### Literal question

Purchases of fixed assets

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts  
Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Borrowed from informal sources (e.g. moneylenders) (k3g1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 1  
Range: 0-10

Valid cases: 128  
Invalid: 0



**Borrowed from informal sources (e.g. moneylenders) (k3g1)**

File: Rwanda-2006-Micro-full data-1

**Literal question**

For 2005, please estimate the proportion of financing from the sources below for:

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts

Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Borrowed from informal sources (e.g. moneylenders) (k3g2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete

Format: numeric

Width: 5

Decimals: 1

Range: -44-0

Valid cases: 128

Invalid: 0

**Literal question**

Purchases of fixed assets

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts

Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Issued new equity (shares) (k3h2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete

Format: numeric

Width: 5

Decimals: 1

Range: -44-0

Valid cases: 128

Invalid: 0

**Literal question**

Purchases of fixed assets

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts

Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Issued new debt (including commercial paper and debentures) (k3i2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete

Format: numeric

Width: 5

Decimals: 1

Range: -44-0

Valid cases: 128

Invalid: 0

**Literal question**

Purchases of fixed assets

**Interviewer instructions**

## Issued new debt (including commercial paper and debentures) (k3i2)

File: Rwanda-2006-Micro-full data-1

Current assets: Inventory, accounts receivable and cash accounts

Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Other Working capital (k3j1)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete

Format: numeric

Width: 3

Decimals: 1

Range: 0-0

Valid cases: 128

Invalid: 0

### Literal question

For 2005, please estimate the proportion of financing from the sources below for:

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts

Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Other Working Capital (Specify) (k3j1x)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete

Format: character

Width: 3

Valid cases: 128

Invalid: 0

### Literal question

For 2005, please estimate the proportion of financing from the sources below for:

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts

Fixed assets: Machinery, vehicles, equipment, land, or buildings

## Other Fixed assets (k3j2)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete

Format: numeric

Width: 5

Decimals: 1

Range: -44-0

Valid cases: 128

Invalid: 0

### Literal question

Purchases of fixed assets

### Interviewer instructions

Current assets: Inventory, accounts receivable and cash accounts

Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Other Fixed assets (Specify) (k3j2x)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: character	Invalid: 0
Width: 3	

**Literal question**

Purchases of fixed assets

**Interviewer instructions**

Current assets: Inventory, accounts receivable and cash accounts  
 Fixed assets: Machinery, vehicles, equipment, land, or buildings

**Does your establishment currently have a line of credit or l (k4a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Does your establishment currently have a line of credit or loan from a financial institution?

**Is it a line of credit or a loan? (k4b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:

**What year was it approved? (k4c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: -44-2006	

**Literal question**

Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:

## What was the amount at the time of approval? (k4d)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: -99-1650000	

### Literal question

Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:

## What is the average annual interest rate? (k4e)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 5	
Decimals: 1	
Range: -66-20	

### Literal question

Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:

## What is the total duration (term) in months? (k4f)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -66-36	

### Literal question

Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:

## What is the name of the financial institutions that granted. (k4g)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Discrete	Valid cases: 128
Format: character	Invalid: 0
Width: 25	

### Literal question

Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:

What is the name of the financial institution that granted the line of credit or the loan?

**What type of financial institution (k4h)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-4	

**Literal question**

Does your establishment currently have a line of credit or loan from a financial institution? If yes, for the most recent line of credit or loan which is still current:

What type of financial institution granted the line of credit or the loan?

**Did your financial institution require collateral? (k4i)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Did your financial institution require collateral?

**Land, buildings (k4j1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Did your financial institution require collateral? If yes, which of the following assets were required as collateral:

**Machinery and equipment including movables (k4j2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Did your financial institution require collateral? If yes, which of the following assets were required as collateral:

**Accounts receivable and inventories (k4j3)**

File: Rwanda-2006-Micro-full data-1

**Accounts receivable and inventories (k4j3)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Did your financial institution require collateral? If yes, which of the following assets were required as collateral:

**Personal assets of owner (house, etc.) (k4j4)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Did your financial institution require collateral? If yes, which of the following assets were required as collateral:

**Other (k4j5)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: -99-2	

**Literal question**

Did your financial institution require collateral? If yes, which of the following assets were required as collateral:

**Other (specify) (k4j5x)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: character	Invalid: 0
Width: 15	

**Literal question**

Did your financial institution require collateral? If yes, which of the following assets were required as collateral:

**What was the approximate value of the collateral required... (k4k)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**What was the approximate value of the collateral required... (k4k)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 5  
 Decimals: 1  
 Range: -88-190

Valid cases: 128  
 Invalid: 0

**Literal question**

Did your financial institution require collateral? If yes, what was the approximate value of the collateral required as a percentage of the amount of the loan or line of credit?

**In 2005, did this establishment apply for loans or lines of (k5a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-2

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, did this establishment apply for loans or lines of credit?

**How many applications were submitted? (k5b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -66-5

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, did this establishment apply for loans or lines of credit? If yes, how many applications were submitted?

**How many of those applications were rejected? (k5c)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -88-5

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, did this establishment apply for loans or lines of credit? How many of those applications were rejected?

**What was the most common reason given by the lender... (k5d)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**What was the most common reason given by the lender... (k5d)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-6

Valid cases: 128  
 Invalid: 0

**Literal question**

In 2005, did this establishment apply for loans or lines of credit? What was the most common reason given by the lender for those rejections?

**If your establishment did not apply for a line of credit or (k6)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-7

Valid cases: 128  
 Invalid: 0

**Literal question**

If your establishment did not apply for a line of credit or a loan, what was the main reason?

**What were the total sales of your establishments Last Month (l1a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 19000-1640000  
 Invalid: -99

Valid cases: 128  
 Invalid: 0  
 Minimum: 12000  
 Maximum: 6500000  
 Mean: 699779.9  
 Standard deviation: 1265574.8

**Literal question**

What were the total sales of your establishment in: Last month

**What were the total sales of your establishments 2005 (l1b)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 209000-19680000  
 Invalid: -99

Valid cases: 128  
 Invalid: 0  
 Minimum: 155000  
 Maximum: 80000000  
 Mean: 8822484.9  
 Standard deviation: 15650633.8

**Literal question**

What were the total sales of your establishment in: 2005

**total cost of raw materials and intermediate goods used in p (l2a)**

File: Rwanda-2006-Micro-full data-1



## total cost of raw materials and intermediate goods used in p (l2a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 0
Width: 8	Minimum: 14000
Decimals: 0	Maximum: 70000000
Range: -77-12000000	Mean: 4563330.2
Invalid: -77, -66	Standard deviation: 10156430.1

### Literal question

Please provide the following information on your establishment's costs:  
Total cost of raw materials and intermediate goods used in production

## Total cost of labor (l2b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 0
Width: 7	Minimum: 0
Decimals: 0	Maximum: 4260000
Range: 72000-1932000	Mean: 533265.6
Invalid: -88	Standard deviation: 702864.5

### Literal question

Please provide the following information on your establishment's costs:  
Total cost of labor, including wages, salaries and bonuses and social payments

## Total cost of rental of land/buildings, equipment, furniture (l2d)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 0
Width: 7	Minimum: 0
Decimals: 0	Maximum: 4800000
Range: 0-966000	Mean: 479748
Invalid: -88, -66	Standard deviation: 905899.2

### Literal question

Please provide the following information on your establishment's costs:  
Total cost of rental of land/buildings, equipment, furniture

## Electricity (l3a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 68
Format: numeric	Invalid: 60
Width: 6	Minimum: 0
Decimals: 0	Maximum: 400000
Range: -77-576000	Mean: 81985.3
Invalid: -77	Standard deviation: 103695.7

### Literal question

Please provide the following information on your establishment's costs:

## Machinery, vehicles and equipment (new and or used) (I4a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 10000000
Range: 0-1000000	Mean: 453761.7
	Standard deviation: 1529337.8

### Literal question

In 2005, how much did your establishment spend on purchases of:

## Land and buildings (I4b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 40000000
Range: 0-180000	Mean: 503065.6
	Standard deviation: 3643174.7

### Literal question

In 2005, how much did your establishment spend on purchases of:

## All machinery, vehicles and equipment that you use (whether (I6a)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 18000000
Range: -88-10000000	Mean: 1069004.7
Invalid: -88, -66	Standard deviation: 2712892.4

### Literal question

In 2005, if you had needed to purchase the following in its condition at that time, how much would it have cost?

All machinery, vehicles and equipment that you use (whether you own it or not)

## All land and buildings that you use (whether you own it or n (I6b)

File: Rwanda-2006-Micro-full data-1

### Overview

Type: Continuous	Valid cases: 128
Format: numeric	Invalid: 0
Width: 8	Minimum: 36000
Decimals: 0	Maximum: 40000000
Range: -88-80000000	Mean: 4223167.2
Invalid: -88, -66	Standard deviation: 8341441

### Literal question

In 2005, if you had needed to purchase the following in its condition at that time, how much would it have cost?

All land and buildings that you use (whether you own it or not)

**Month (MM) (endmonth)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 6-7	

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Day (DD) (endday)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-30	

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Hour (endhour)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-12	

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Minutes (endmin)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 128
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 0-58	

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**AM/PM (endampm)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**AM/PM (endampm)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete  
 Format: character  
 Width: 2

Valid cases: 128  
 Invalid: 0

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Opinions and perceptions (m1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-3

Valid cases: 128  
 Invalid: 0

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Figures (m2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-3

Valid cases: 128  
 Invalid: 0

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Questionnaire was completed in (m3a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -99-3

Valid cases: 128  
 Invalid: 0

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**if 2 or 3, estimate the duration of the whole interview - Ho (m3b1)**

File: Rwanda-2006-Micro-full data-1

**Overview**

**if 2 or 3, estimate the duration of the whole interview - Ho (m3b1)**

File: Rwanda-2006-Micro-full data-1

Type: Discrete	Valid cases: 87
Format: numeric	Invalid: 41
Width: 3	Minimum: 1
Decimals: 0	Maximum: 3
Range: -44-3	Mean: 2.1
Invalid: -44	Standard deviation: 0.5

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**if 2 or 3, estimate the duration of the whole interview - Mi (m3b2)**

File: Rwanda-2006-Micro-full data-1

**Overview**

Type: Discrete	Valid cases: 87
Format: numeric	Invalid: 41
Width: 3	Minimum: 0
Decimals: 0	Maximum: 58
Range: -44-59	Mean: 30.9
Invalid: -44	Standard deviation: 16.4

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Comments (comments)**

File: Rwanda-2006-Micro-full data-1

**Overview**

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

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

**Comments 2 (commen\_a)**

File: Rwanda-2006-Micro-full data-1

**Overview**

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

**Pre question**

COMPLETE THE FOLLOWING QUESTIONS AFTER THE INTERVIEW HAS BEEN COMPLETED

