

Tonga - Enterprise Survey 2009

World Bank

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Overview

Identification

ID NUMBER

TON_2009_ES_v01_M_WB

Overview

ABSTRACT

This research is an Indicator Survey conducted in Tonga from April 27 to Sept. 30, 2009, as part of the Enterprise Survey initiative. An Indicator Survey, which is similar to an Enterprise Survey, is implemented for smaller economies where the sampling strategies inherent in an Enterprise Survey are often not applicable due to the limited universe of firms.

The objective of the survey is to obtain feedback from enterprises on the state of the private sector as well as to help in building a panel of enterprise data that will make it possible to track changes in the business environment over time, thus allowing, for example, impact assessments of reforms. Through interviews with firms in the manufacturing and services sectors, the survey assesses the constraints to private sector growth and creates statistically significant business environment indicators that are comparable across countries.

Questionnaire topics include firm characteristics, gender participation, access to finance, annual sales, costs of inputs/labor, workforce composition, bribery, licensing, infrastructure, trade, crime, competition, land and permits, taxation, business-government relations, and performance measures.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

The primary sampling unit of the study is the establishment. An establishment is a physical location where business is carried out and where industrial operations take place or services are provided. A firm may be composed of one or more establishments. For example, a brewery may have several bottling plants and several establishments for distribution. For the purposes of this survey an establishment must make its own financial decisions and have its own financial statements separate from those of the firm. An establishment must also have its own management and control over its payroll.

Coverage

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

PRIMARY INVESTIGATOR(S)

Name	Affiliation
World Bank	

FUNDING

Name	Abbreviation	Role
World Bank		

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Antonina Redko			

DDI DOCUMENT VERSION

Version 01

DDI DOCUMENT ID

DDI_TON_2009_ES_v01_M_WB

Sampling

Sampling Procedure

The sample for Tonga was selected using stratified random sampling. Two levels of stratification were used in this country: industry and establishment size.

Industry stratification was designed in the way that follows: the universe was stratified into manufacturing industries, and one services sector.

Size stratification was defined following the standardized definition for the rollout: small (5 to 19 employees), medium (20 to 99 employees), and large (more than 99 employees). For stratification purposes, the number of employees was defined on the basis of reported permanent full-time workers. This seems to be an appropriate definition of the labor force since seasonal/casual/part-time employment is not a common practice, except in the sectors of construction and agriculture.

Regional stratification did not take place as only the main island of Tongatapu where the capital of Nuku'alofa is located. Tongatapu is also the largest island of Tonga's three island groups and is the home of the majority of the formal business community for the country.

Due to limited data sources available in Tonga on registered businesses, the final sample frame was obtained from a combined dataset obtained from the Tonga National Statistics Office. The list provided by the NSO was limited to including information on the sector and location of enterprises, with no details on the number of employees. Therefore, original sample counts were not able to be stratified by enterprise size. The modified sample frame was used to select the sample of establishments for the full survey. This database contained the following information:

- Name of the firm
- Contact details
- Location
- ISIC code.

Given the impact that non-eligible units included in the sample universe may have on the results, adjustments may be needed when computing the appropriate weights for individual observations. The percentage of confirmed non-eligible units as a proportion of the total number of sampled establishments contacted for the survey was 42% (139 out of 333 establishments). Breaking down by industry, the following numbers of establishments were surveyed: Manufacturing - 78, Services - 72.

Response Rate

Complete information regarding the sampling methodology, sample frame, weights, response rates, and implementation can be found in "Description of Tonga Implementation 2009" in "Technical Documents" folder.

Weighting

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

- a- Strict assumption: eligible establishments are only those for which it was possible to directly determine eligibility.
- b- Median assumption: eligible establishments are those for which it was possible to directly determine eligibility and those that rejected the screener questionnaire or an answering machine or fax was the only response. Median weights are used for computing indicators on the www.enterprisesurveys.org
- c- Weak assumption: in addition to the establishments included in points a and b, all establishments for which it was not possible to finalize a contact are assumed eligible. This includes establishments with dead or out of service phone lines,

establishments that never answered the phone, and establishments with incorrect addresses for which it was impossible to find a new address. Note that under the weak assumption only observed non-eligible units are excluded from universe projections.

Questionnaires

Overview

The current survey instruments are available:

- Services Questionnaire
- Manufacturing Questionnaire
- Screener Questionnaire.

The Services Questionnaire is administered to the establishments in the services sector. The Manufacturing Questionnaire is built upon the Services Questionnaire and adds specific questions relevant to manufacturing.

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

Data Collection

Data Collection Dates

Start	End	Cycle
2009-04	2009-09	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

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

The Enterprise Surveys are usually implemented following a two-stage procedure. In the first stage, a screener questionnaire is applied over the phone to determine eligibility and to make appointments; in the second stage, a face-to-face interview takes place with the Manager/Owner/Director of each establishment. Sometimes the survey respondent calls company accountants and human resource managers into the interview to answer questions in the sales and labor sections of the survey.

All Enterprise Surveys are conducted in the local languages.

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Data Collectors

Name	Abbreviation	Affiliation
Mrs. 'Ofa-Ki-Levuka Louise Guttenbeil-Likiliki Nuku'alofa, Tonga		

Supervision

Complete information regarding the sampling methodology, sample frame, weights, response rates, and implementation can be found in "Description of Tonga Implementation 2009" in "Technical Documents" folder.

Data Processing

Data Editing

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

Data Appraisal

No content available

File Description

Variable List

Tonga 2009-full data-

Content	The file contains the cleaned, raw database.
Cases	150
Variable(s)	189
Structure	Type: Keys: ()
Version	
Producer	World Bank
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V1	idstd	WEB STD FIRMID	discrete	numeric	
V2	id	Interview number	contin	numeric	
V3	a0	a.0 questionnaire	discrete	numeric	
V4	a20	A.20	discrete	numeric	
V5	a2	sampling region	discrete	numeric	
V6	a3a	a.3a region of the establishment	discrete	numeric	
V7	a3x	A.3x. City/town/village	discrete	character	
V8	a3	a3 city - population	discrete	numeric	
V9	a4a	a.4.a industry samplig sector	discrete	numeric	
V10	a4b	a.4.b industry screener sector	discrete	numeric	
V11	a5	a.5 sector match between screener information and sample frame	discrete	numeric	Sector match between screener information and sample frame Yes, screener and sample frame info match No, screener and sample frame do not match but establishment does activities which match both screener and sample frame No, does not match
V12	a6a	a.6.a samplig size	discrete	numeric	
V13	a6b	a.6.b screener size	discrete	numeric	
V14	a7	a.7 establishment is part of a large firm	discrete	numeric	
V15	a7a	Number of establishments that form the firm	discrete	numeric	
V16	a8	a.8 type of establishment	discrete	numeric	Type of establishment HQ without production and/or sales in this location HQ with production and/or sales in this location Establishment physically separated from HQ and other establishments of the same firm Establishment physically separated from HQ but with other establishments of the same firm
V17	a9	a.9 establishment financial statements prepared separately of hq statements	discrete	numeric	

ID	Name	Label	Type	Format	Question
V18	a10	a.10 establishment financial statements separate from other establishments	discrete	numeric	
V19	a11	a.11 if hq, financial statements independent of the rest of establishment	discrete	numeric	
V20	a12	a.12 interviewer number	discrete	numeric	Interviewer code
V21	a13	a.13 supervisor number	discrete	numeric	Supervisor code
V22	a14	A.14. Time face to face interview begins	discrete	numeric	
V23	a14d	day	discrete	numeric	Date face-to-face interview begins: Day (dd)
V24	a14m	month	discrete	numeric	Date face-to-face interview begins: Month (mm)
V25	a14y	year	discrete	numeric	Date face-to-face interview begins: Year (yyyy)
V26	a14h	hour	discrete	numeric	Time face-to-face interview begins: Hour (00 to 23)
V27	a14min	minutes	discrete	numeric	Time face-to-face interview begins: Minutes (00 to 59)
V28	b1	what is this firm's current legal status?	discrete	numeric	What is this firm's current legal status?
V29	b1x	b1x.other (specify)	discrete	character	What is this firm's current legal status? Other
V30	b3	what percentage of this firm does the largest owner(s) own?	discrete	numeric	What percent of this firm does the largest owner or owners own?
V31	b2a	b.2a private domestic individuals, companies or organizations	discrete	numeric	What percent of this firm is owned by each of the following: Private domestic individuals, companies or organizations
V32	b2b	b.2b private foreign individuals, companies or organizations	discrete	numeric	What percent of this firm is owned by each of the following: Private foreign individuals, companies or organizations
V33	b2c	b.2c government/state	discrete	numeric	What percent of this firm is owned by each of the following: Government/State
V34	b2d	b.2d other	discrete	numeric	What percent of this firm is owned by each of the following: Other
V35	b4	B4. Are any of the owners female?	discrete	numeric	
V36	b5	in what year did this establishment begin operations in this country?	discrete	numeric	In what year did this establishment begin operations?
V37	b6	number of full-time employees of the establishment when it started operations	discrete	numeric	How many full-time employees did this establishment employ when it started operations? Please include all employees and managers
V38	b6a	was establishment formally registered when it began operations in this country?	discrete	numeric	Was this establishment formally registered when it began operations?
V39	b6b	in what year was this establishment formally registered?	discrete	numeric	In what year was this establishment formally registered?
V40	b7	how many years of experience working in this sector does the top manager have?	discrete	numeric	How many years of experience working in this sector does the Top Manager have?

ID	Name	Label	Type	Format	Question
V41	EAb7	EAB7. What is the Top Manager's highest completed level of education?	discrete	numeric	What is the Top Manager's highest completed level of education?
V42	b8	does establishment have an internationally-recognized quality certification?	discrete	numeric	Does this establishment have an internationally-recognized quality certification?
V43	c3	applied to obtain an electrical connection submitted over the last two years?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain an electrical connection?
V44	c4	how many days did it take for you to receive an electrical connection service?	discrete	numeric	In reference to that application for an electrical connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?
V45	c5	informal gift/payment expected or requested for an electrical connection?	discrete	numeric	In reference to that application for an electrical connection, was an informal gift or payment expected or requested?
V46	c6	over fiscal year 2008, did this establishment experience power outages?	discrete	numeric	Over fiscal year 2008, did this establishment experience power outages?
V47	c7	number of power outages experienced in a typical month in last fiscal year	discrete	numeric	In a typical month, over fiscal year 2008, how many power outages did this establishment experience?
V48	c8	how long did the average power outage last?	discrete	numeric	How long did these power outages last on average?
V49	c9a	in last fiscal year, what were your losses that resulted from power outages?	discrete	numeric	Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses. Loss as percent of total annual sales due to power outages
V50	c9b	total annual losses due to power outages	discrete	numeric	Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses. Annual losses due to power outages
V51	c10	generator shared or owned over the course of last fiscal year?	discrete	numeric	Over the course of fiscal year 2008, did this establishment own or share a generator?
V52	c11	% electricity from generator owned/shared by the establishment in last fiscal yr	discrete	numeric	In fiscal year 2008, what percent of this establishment's electricity came from a generator or generators that the establishment owned or shared?
V53	c12	application to obtain a water connection submitted over the last 2 fiscal years?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a water connection?
V54	c13	how many days did it take for you to obtain a water connection?	discrete	numeric	In reference to that application for a water connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?
V55	c14	when you applied for a water connection, was an informal gift requested?	discrete	numeric	In reference to that application for a water connection, was an informal gift or payment expected or requested?
V56	c16	frequency of incidents of water shortages in a typical month in last fiscal yr	discrete	numeric	In a typical month, over fiscal year 2008, how many incidents of insufficient water supply did this establishment experience?

ID	Name	Label	Type	Format	Question
V57	c17	average length of water shortage (affecting production) in last fiscal year	discrete	numeric	How long did these incidents of insufficient water supply last on average?
V58	c19	application to obtain a telephone connection submitted over the last two years	discrete	numeric	Over the last two years, did this establishment submit an application to obtain a telephone connection?
V59	c20	how many days did it take for you to receive a telephone connection service?	discrete	numeric	In reference to that application for a telephone connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?
V60	c21	when you applied for a telephone connection was an informal gift requested?	discrete	numeric	In reference to that application for a telephone connection, was an informal gift or payment expected or requested?
V61	c22a	do you currently communicate with clients and suppliers by e-mail?	discrete	numeric	At the present time, does this establishment use any of the following: E-mail to communicate with clients or suppliers?
V62	c22b	do you currently communicate with clients and suppliers via your website?	discrete	numeric	At the present time, does this establishment use any of the following: Its own website?
V63	c30a	how much of an obstacle is electricity to the current operations of this firm?	discrete	numeric	Is electricity No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V64	d1a1x	main product\service (by the largest % of annual sales) in last fiscal year	discrete	character	In fiscal year 2008, what was this establishment's main product, that is, the product that represented the largest proportion of annual sales (in LCU)?
V65	d1a2	first product/service isic code	discrete	numeric	Using this card, please choose the 4-digit code that best applies to the main product of this establishment.
V66	d1a3	first product/service, percent of total annual sales	discrete	numeric	What percentage of total sales does the main product represent?
V67	d2	in last fiscal year, what were this establishment's total annual sales?	discrete	numeric	In fiscal year 2008, what were this establishment's total annual sales?
V68	d3a	what % of establishment's sales were: national sales?	discrete	numeric	In fiscal year 2008, what percent of this establishment's sales were: National sales
V69	d3b	what % of establishment's sales were: indirect exports? (using a third party)	discrete	numeric	In fiscal year 2008, what percent of this establishment's sales were: Indirect exports (sold domestically to third party that exports products)
V70	d3c	what % of establishment's sales were: direct exports?	discrete	numeric	In fiscal year 2008, what percent of this establishment's sales were: Direct exports
V71	d4	in 2008, how many av. days did it take for your exported goods to clear customs?	discrete	numeric	In fiscal year 2008, when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?
V72	d6	Percentage of lost value of exported products because of theft in transit in 2008	discrete	numeric	In fiscal year 2008, what percent of the consignment value of the products exported directly was lost while in transit because of theft?

ID	Name	Label	Type	Format	Question
V73	d7	% value directly exported products lost in transit by breakage or spoilage, 2008	discrete	numeric	In fiscal year 2008, what percent of the consignment value of the products exported directly was lost while in transit because of breakage or spoilage?
V74	d8	in what year did this establishment first export directly or indirectly?	discrete	numeric	In which year did this establishment first export directly or indirectly?
V75	d12a	% of material inputs and supplies of domestic origin in last fiscal year	discrete	numeric	In fiscal year 2008, as a proportion of all of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were: Material inputs or supplies of domestic origin
V76	d12b	% of material inputs and supplies of foreign origin in last fiscal year	discrete	numeric	In fiscal year 2008, as a proportion of all of the material inputs or supplies purchased that year, what percent of this establishment's material inputs or supplies were: Material inputs or supplies of foreign origin
V77	d13	were any of these material inputs and supplies imported directly?	discrete	numeric	Were any of the material inputs or supplies purchased in fiscal year 2008, imported directly?
V78	d14	av. no. days for imported goods to clear customs in last fiscal year	discrete	numeric	In fiscal year 2008, when this establishment imported material inputs or supplies, how many days did it take on average from the time these goods arrived to their point of entry (e.g. port, airport) until the time these goods could be claimed from customs?
V79	d30a	how much of an obstacle is: transportation of goods, supplies, and inputs?	discrete	numeric	Is transport No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V80	d30b	how much of an obstacle is: customs and trade regulations?	discrete	numeric	Are customs and trade regulations No Obstacle, a Minor Obstacle, a Moderate obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V81	e6	do you use technology licensed from a foreign-owned company?	discrete	numeric	Does this establishment at present use technology licensed from a foreign-owned company, excluding office software?
V82	e11	does this establishment compete against unregistered or informal firms?	discrete	numeric	Does this establishment compete against unregistered or informal firms?
V83	e30	how much of an obstacle are the informal sector competitors to your operations?	discrete	numeric	Are practices of competitors in the informal sector No Obstacle, a Minor Obstacle, a Moderate Obstacle, Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V84	g2	applic. to obtain a construction-related permit submitted over the last 2 years	discrete	numeric	More specifically, over the last two years, did this establishment submit an application to obtain a construction-related permit?
V85	g3	how many days did it take for you to obtain a construction-related permit?	discrete	numeric	In reference to that application for a construction-related permit, approximately how many days did it take to obtain it from the day of the application to the day the permit was granted?

ID	Name	Label	Type	Format	Question
V86	g4	informal gift/payment expected or requested for a construction-related permit	discrete	numeric	In reference to that application for a construction-related permit, was an informal gift or payment expected or requested?
V87	g30a	how much of an obstacle is access to land to the operations of this firm?	discrete	numeric	Is access to land No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V88	i1	in fiscal year 2008, did this establishment pay for security?	discrete	numeric	In fiscal year 2008, did this establishment pay for security, for example equipment, personnel, or professional security services?
V89	i2a	percentage of total annual sales paid for security in last fiscal year	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Percent of total annual sales for security
V90	i2b	in last fiscal year, what is the total annual cost of security?	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales was paid for security, or what was the total annual cost of security? Total annual cost of security
V91	i3	losses due to theft, robbery, vandalism or arson experienced in last fiscal year	discrete	numeric	In fiscal year 2008, did this establishment experience losses as a result of theft, robbery, vandalism or arson?
V92	i4a	losses due to theft, robbery, vandalism or arson in last fiscal yr (% of sales)	discrete	numeric	In fiscal year 2008, what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Losses as percent of total annual sales
V93	i4b	value of losses due to theft, robbery, vandalism or arson in last fiscal yr	discrete	numeric	In fiscal year 2008, what were the estimated losses as a result of theft, robbery, vandalism or arson that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? Total annual value of losses
V94	i30	how much of an obstacle are crime, theft and disorder to this establishment?	discrete	numeric	Are crime, theft and disorder No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V95	k1a	% material inputs or services paid for before the delivery, 2008	discrete	numeric	In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for before the delivery?
V96	k1b	And what percent were paid for on delivery?	discrete	numeric	In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for on delivery?
V97	k1c	And what percent were paid for after delivery?	discrete	numeric	In fiscal year 2008, what percent, as a proportion of the value of total annual purchases of material inputs or services, were: Paid for after delivery?
V98	k2a	% of total annual sales paid for before the delivery in last fiscal year	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were: Paid for before the delivery?

ID	Name	Label	Type	Format	Question
V99	k2b	and what percent were: paid on delivery?	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were: Paid for on delivery?
V100	k2c	and what percent were: paid after delivery?	discrete	numeric	In fiscal year 2008, what percent of this establishment's total annual sales of its goods or services were: Paid for after delivery?
V101	k3a	in 2008, % working capital financed from: Internal funds\ Retained earnings	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Internal funds/Retained earnings
V102	k3bc	Borrowed from banks (private and state-owned)	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Borrowed from banks (private and state-owned)
V103	k3e	Borrowed from non-bank financial institutions	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Borrowed from non-bank financial institutions
V104	k3f	Purchases on credit from suppliers and advances from customers	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Purchases on credit from suppliers and advances from customers
V105	k3hd	Other (moneylenders, friends, relatives, etc.)	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's working capital that was financed from each of the following sources? Other (moneylenders, friends, relatives, etc.)
V106	k4	did this establishment purchase any fixed assets in last fiscal yr?	discrete	numeric	In fiscal year 2008, did this establishment purchase any fixed assets, such as machinery, vehicles, equipment, land or buildings?
V107	n5a	total annual expenditure for purchases of equipment in last fiscal yr	discrete	numeric	In fiscal year 2008, how much did this establishment spend on purchases of: Machinery, vehicles, and equipment (new or used)
V108	n5b	total annual expenditure for purchases of land and buildings in last fiscal yr	discrete	numeric	In fiscal year 2008, how much did this establishment spend on purchases of: Land and buildings
V109	k5a	% of fixed assets funded by internal funds\ retained earnings in last fiscal yr	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources? Internal funds or retained earnings
V110	k5i	owners' contributions or issued new equity	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources? Owners' contribution or issued new equity shares

ID	Name	Label	Type	Format	Question
V111	k5bc	Borrowed from banks (private and state-owned)	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources? Borrowed from banks (private and state-owned)
V112	k5e	Borrowed from non-bank financial institutions	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources? Borrowed from non-bank financial institutions
V113	k5f	purchases on credit from suppliers and advances from customers	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources? Purchases on credit from suppliers and advances from customers
V114	k5hdj	other (moneylenders, friends, relatives, bonds, commercial papers etc)	discrete	numeric	Over fiscal year 2008, please estimate the proportion of this establishment's total purchase of fixed assets that was financed from each of the following sources: Other (moneylenders, friends, relatives, bonds, commercial papers etc)
V115	k6	does this establishment have a checking and/or saving account?	discrete	numeric	Now let's talk about the establishment's current situation. At this time, does this establishment have a checking or savings account?
V116	k7	at this time, does this establishment have an overdraft facility?	discrete	numeric	At this time, does this establishment have an overdraft facility?
V117	k8	does this establishment have a line of credit or loan from a financial inst.?	discrete	numeric	At this time, does this establishment have a line of credit or a loan from a financial institution?
V118	k9	type of financial institution that granted the line of credit or loan	discrete	numeric	Referring to the most recent line of credit or loan, what type of financial institution granted this loan? Private commercial banks State-owned banks or government agency Non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies Other
V119	k10	in what year was the most recent line of credit or loan approved?	discrete	numeric	Referring only to this most recent line of credit or loan, in what year was the most recent line of credit or loan approved?
V120	k11	for the most recent loan, what was the value at the time of approval?	discrete	numeric	Referring only to this most recent loan or line of credit, what was its value at the time of approval?
V121	k13	financing required for the most recent line of credit or loan	discrete	numeric	Referring only to this most recent loan or line of credit, did the financing require collateral?
V122	k14a	type of collateral required for the most recent loan? land, buildings	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Land, buildings under ownership of the establishment
V123	k14b	type of collateral required for the most recent loan? equipment	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Machinery and equipment including movables

ID	Name	Label	Type	Format	Question
V124	k14c	type of collateral required for the most recent loan? accounts	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Accounts receivable and inventories
V125	k14d	type of collateral required for the most recent loan? personal assets	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Personal assets of owner (house, etc.)
V126	k14e	type of collateral required for the most recent loan? other	discrete	numeric	Referring only to this most recent loan or line of credit, what type of collateral was required? Other forms of collateral not included in the categories above
V127	k15a	approx. collateral needed as % of the loan value \ value of the line of credit	discrete	numeric	Referring only to this most recent line of credit or loan, what was the approximate value of the collateral required?
V128	k16	in last fiscal yr, did establishment apply for new loans/lines of credit?	discrete	numeric	Referring again to the last fiscal year 2008, did this establishment apply for any loans or lines of credit?
V129	k17	main reason for not applying for new loans or new lines of credit	discrete	numeric	What was the main reason why this establishment did not apply for any line of credit or loan in fiscal year 2008? No need for a loan - establishment has sufficient capital Application procedures for loans or lines of credit are complex Interest rates are not favorable Collateral requirements are too high Size of loan and maturity are insufficient It is necessary to make informal payments to get bank loans Did not think it would be approved Other
V130	k21	financial statements checked & certified by external auditor in last fiscal yr?	discrete	numeric	In fiscal year 2008, did this establishment have its annual financial statements checked and certified by an external auditor?
V131	k30	how much of an obstacle is: access to finance	discrete	numeric	Is access to finance, which includes availability and cost, interest rates, fees and collateral requirements, No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V132	h7a	the court system is fair, impartial and uncorrupted	discrete	numeric	I am going to read some statements that describe the courts system and how it could affect business. For each statement, please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree. "The court system is fair, impartial and uncorrupted."
V133	j2	what % of senior management time was spent in dealing with govt regulations?	discrete	numeric	In a typical week over the last year, what percentage of total senior management's time was spent on dealing with requirements imposed by government regulations? [By senior management I mean managers, directors, and officers above direct supervisors of production/sales workers. Some examples of government regulations are taxes, customs, labor regulations, licensing and registration, including dealings with officials and completing forms]
V134	j3	over the last 12 months, was this establishment inspected by tax officials?	discrete	numeric	Over the last year, was this establishment visited or inspected by tax officials?

ID	Name	Label	Type	Format	Question
V135	j4	frequency of inspections/requirement for meeting by tax officials	discrete	numeric	Over the last year, how many times was this establishment either inspected by tax officials or required to meet with them?
V136	j5	in any of these inspections was a gift or informal requested ?	discrete	numeric	In any of these inspections or meetings was a gift or informal payment expected or requested?
V137	j6a	government contract secured (or attempted) in the last 12 months?	discrete	numeric	Over the last year, has this establishment secured or attempted to secure a government contract?
V138	j6	% of contract value av. firm pays in informal gifts to govt to secure contract?	discrete	numeric	When establishments like this one do business with the government, what percent of the contract value would be typically paid in informal payments or gifts to secure the contract?
V139	j7a	percent of total annual sales paid in informal payments	discrete	numeric	It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percent of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose? Percent of total annual sales paid as informal payment
V140	j7b	total annual informal payment	discrete	numeric	It is said that establishments are sometimes required to make gifts or informal payments to public officials to "get things done" with regard to customs, taxes, licenses, regulations, services etc. On average, what percent of total annual sales, or estimated total annual value, do establishments like this one pay in informal payments or gifts to public officials for this purpose? Total annual informal payment
V141	j10	application to obtain an import license submitted over the last 2 years?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain an import license?
V142	j11	how many days did it take to obtain your import license?	discrete	numeric	Approximately how many days did it take to obtain this import license from the day of the application to the day it was granted?
V143	j12	when you applied for an import license, was an informal gift requested?	discrete	numeric	In reference to that application for an import license, was an informal gift or payment expected or requested?
V144	j13	application to obtain an operating license submitted over last 2 years?	discrete	numeric	Over the last two years, did this establishment submit an application to obtain an operating license?
V145	j14	how many days did it take to obtain your operating license?	discrete	numeric	Approximately how many days did it take to obtain this operating license from the day of the application to the day it was granted?
V146	j15	when you applied for an operating license was an informal gift requested?	discrete	numeric	In reference to that application for an operating license, was an informal gift or payment expected or requested?

ID	Name	Label	Type	Format	Question
V147	j30a	obstacle to the current operations : tax rates	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Tax rates
V148	j30b	obstacle to the current operations : tax administrations	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Tax administration
V149	j30c	obstacle to the current operations : business licensing and permits	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Business licensing and permits
V150	j30e	obstacle to the current operations : political instability	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Political instability
V151	j30f	obstacle to the current operations : corruption	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Corruption
V152	h30	obstacle to the current operations : courts	discrete	numeric	As I list some factors that can affect the current operations of a business, please look at this card and tell me if you think that each factor is No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment. Courts
V153	l1	no. permanent, full-time employees of this firm at end of last fiscal year	discrete	numeric	At the end of fiscal year 2008, how many permanent, full-time employees did this establishment employ? Please include all employees and managers
V154	l2	no. permanent, full-time employees of this firm at end of 3 fiscal years ago	discrete	numeric	Three fiscal years ago, at the end of fiscal year [insert three complete fiscal years ago], how many permanent, full-time employees did this establishment employ? Please include all employees and managers
V155	l5	no. ft employees who were female at end of last fiscal yr	discrete	numeric	At the end of fiscal year 2008, how many permanent full-time employees of this establishment for the following categories were female?
V156	l6	no. full-time temporary employees employed at end of last fiscal year	discrete	numeric	How many full-time temporary employees did this establishment employ in fiscal year 2008?

ID	Name	Label	Type	Format	Question
V157	l8	av.length of employment of all ft temporary employees in last fiscal year	discrete	numeric	What was the average length of employment of all full-time temporary employees in fiscal year 2008?
V158	l10	formal training programs for permanent, ft employees ran in last fiscal yr	discrete	numeric	Over fiscal year 2008, did this establishment have formal training programs for its permanent, full-time employees?
V159	l30a	how much of an obstacle are labour regulations to the operations of this firm?	discrete	numeric	Are labor regulations No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V160	l30b	how much of an obstacle is inadequately educated wokforce to your firm?	discrete	numeric	Is an inadequately educated workforce No Obstacle, a Minor Obstacle, a Moderate Obstacle, a Major Obstacle, or a Very Severe Obstacle to the current operations of this establishment?
V161	m1a	most serious obstacle affecting the operation of this establishment	discrete	numeric	Which of the following elements of the business environment, if any, currently represents the biggest obstacle faced by this establishment?
V162	m1d	rotation order	discrete	numeric	Which of the following elements of the business environment, if any, currently represents the biggest obstacle faced by this establishment? Rotation
V163	n2a	total labor cost (incl. wages, salaries, bonuses, etc) in last fiscal year	discrete	numeric	For fiscal year 2008, please provide the following information about this establishment: Total annual cost of labor (including wages, salaries, bonuses, social security payments)
V164	n2b	total annual costs of electricity in last fiscal year	discrete	numeric	For fiscal year 2008, please provide the following information about this establishment: Total annual costs of electricity
V165	n2e	cost of raw materials and intermediate goods used in prod. in last fiscal year	discrete	numeric	For fiscal year 2008, please provide the following information about this establishment: Total annual cost of raw materials and intermediate goods used in production
V166	n3	what were the establishment's total annual sales three fiscal years ago?	discrete	numeric	In fiscal year [insert three complete fiscal years ago], three fiscal years ago, what were total annual sales for this establishment?
V167	b20	can we provide the wb with your contact information?	discrete	numeric	The World Bank might be interested in getting in touch with you to follow up on some aspects of this interview. Would you have any objection if we provide them with your contact information?
V168	a15a1a	A15a1a. Position in the firm of main respondent	discrete	character	
V169	a15a2a	main respondent years working in the firm:	discrete	numeric	
V170	a15a3	A15a3. Gender of the main respondent	discrete	numeric	
V171	a15a1b	A15a1b. Position in the firm of second respondent	discrete	character	
V172	a15a2b	second respondent years working in the firm	discrete	numeric	

ID	Name	Label	Type	Format	Question
V173	a15b3	A15b3. Gender of the second respondent	discrete	numeric	
V174	a15	A.16. Time face to face interview begins	contin	numeric	
V175	a15m	month	discrete	numeric	Time face-to-face interview ends
V176	a15d	day	discrete	numeric	Time face-to-face interview ends
V177	a15h	hour	discrete	numeric	Time face-to-face interview ends
V178	a15min	minutes	contin	numeric	Time face-to-face interview ends
V179	a16	perception of the questions regarding opinions and perceptions	discrete	numeric	It is my perception that the responses to the questions regarding opinions and perceptions: Truthful Somewhat truthful Not truthful
V180	a17	The questions regarding figures (productivity and employment numbers	discrete	numeric	
V181	a17x	interviewer comments	discrete	character	
V182	a18	this questionnaire was completed in:	discrete	numeric	This questionnaire was completed in: One visit in face-to-face interview with one person One visit in face-to-face interview with different managers/staff Several visits
V183	a19h	if option 2 or 3 in a.18, estimate duration of the whole interview: hours	discrete	numeric	
V184	a19m	if option 2 or 3 in a.18, estimate duration of the whole interview:minutes	discrete	numeric	
V185	wstrict		contin	numeric	
V186	wmedian		contin	numeric	
V187	wweak		contin	numeric	
V188	a1	a.1 country code	discrete	numeric	
V189	strata	Strata unique identifier	discrete	numeric	