

# Kenya - Enterprise Survey 2018

**World Bank Group (WBG)**

Report generated on: January 28, 2020

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# Overview

## Identification

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ID NUMBER  
KEN\_2018\_ES\_v01\_M

## Version

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VERSION DESCRIPTION  
Version 01. Edited, anonymous dataset for public distribution.

## Overview

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### ABSTRACT

The survey was conducted in Kenya between May 2018 and January 2019 by the World Bank Group (WBG). The objective of the Enterprise Survey is to gain an understanding of what firms experience in the private sector. As part of its strategic goal of building a climate for investment, job creation, and sustainable growth, the World Bank has promoted improving the business environment as a key strategy for development, which has led to a systematic effort in collecting enterprise data across countries. The Enterprise Surveys (ES) are an ongoing World Bank project in collecting both objective data based on firms' experiences and enterprises' perception of the environment in which they operate.

KIND OF DATA  
Sample survey data [ssd]

### UNITS OF ANALYSIS

Unit of analysis is 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.

## Scope

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### NOTES

The 2018 Kenya Enterprise Survey covered the following topics:

- General information of a firm/ establishment
- Infrastructure and services
- Sales and supplies
- Management practices
- Degree of competition
- Innovation
- Capacity
- Time use of top manager
- Land and permits

- Crime
- Finance
- Business-Government relations
- Labor
- Business environment
- Performance

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

Kenya ES was based on the following size stratification: small (5 to 19 employees), medium (20 to 99 employees), and large (100 or more employees).

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
World Bank Group (WBG)	

### FUNDING

Name	Abbreviation	Role
World Bank Group	WBG	

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Development Economics Data Group	DECDG	The World Bank	Documentation of the DDI

### DATE OF METADATA PRODUCTION

2020-01-27

### DDI DOCUMENT VERSION

Version 01 (January 2020)

### DDI DOCUMENT ID

DDI\_KEN\_2018\_ES\_v01\_M

# Sampling

## Sampling Procedure

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The sample for 2018 Kenya ES was selected using stratified random sampling, following the methodology explained in the Sampling Note.

Three levels of stratification were used in this country: industry, establishment size, and region.

In terms of industry, the universe was stratified into seven sub-sectors: Food and Beverages (ISIC Rev. 3.1 code 15); Textiles and Garments (ISIC codes 17, 18); Chemical, Pharmaceutical and Plastics (ISIC code 24, 25); Other Manufacturing (ISIC codes 16, 19-23, 26-37); Retail (ISIC code 52); Tourism (ISIC codes 55); and Other Services (ISIC codes 45, 50, 51, 60-64, and 72).

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

Regional stratification for the Kenya ES was done across ten regions: Mombasa, Kilifi, Machakos, Kirinyaga, Kiambu, Trans Nzoia, Uasin Gishu, Nakuru, Kisumu, and Nairobi.

Note: Refer to Sampling Structure section in "The Kenya 2018 Enterprise Surveys Data Set" document for further details on sampling.

## Response Rate

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

Item non-response was addressed by two strategies:

- a- For sensitive questions that may generate negative reactions from the respondent, such as corruption or tax evasion, enumerators were instructed to collect the refusal to respond (-8) as a different option from don't know (-9).
- b- Establishments with incomplete information were re-contacted in order to complete this information, whenever necessary. However, there were clear cases of low response. The following graph shows non-response rates for the sales variable, d2, by sector. Please, note that for this specific question, refusals were not separately identified from "Don't know" responses.

The number of interviews per contacted establishments was 32.0%.

## Weighting

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Since the sampling design was stratified and employed differential sampling, individual observations should be properly weighted when making inferences about the population. Under stratified random sampling, unweighted estimates are biased unless sample sizes are proportional to the size of each stratum. With stratification the probability of selection of each unit is, in general, not the same. Consequently, individual observations must be weighted by the inverse of their probability of selection (probability weights or pw in Stata.)

Special care was given to the correct computation of the weights. It was imperative to accurately adjust the totals within each region/industry/size stratum to account for the presence of ineligible units (the firm discontinued businesses or was unattainable, education or government establishments, no reply after having called in different days of the week and in different business hours, no tone in the phone line, answering machine, fax line, wrong address or moved away and could not get the new references). The information required for the adjustment was collected in the first stage of the implementation: the screening process. Using this information, each stratum cell of the universe was scaled down by the observed proportion of ineligible units within the cell. Once an accurate estimate of the universe cell (projections) was

available, weights were computed using the number of completed interviews.

# Questionnaires

## Overview

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The structure of the data base reflects the fact that 2 different versions of the survey instrument were used for all registered establishments. Questionnaires have common questions (core module) and respectfully additional manufacturing- and services-specific questions. The eligible manufacturing industries have been surveyed using the Manufacturing questionnaire (includes the core module, plus manufacturing specific questions). Retail firms have been interviewed using the Services questionnaire (includes the core module plus retail specific questions) and the residual eligible services have been covered using the Services questionnaire (includes the core module). Each variation of the questionnaire is identified by the index variable, a0.

## Data Collection

### Data Collection Dates

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Start	End	Cycle
2018-05	2019-01	N/A

### Data Collection Mode

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Computer Assisted Personal Interview [capi]

### Data Collection Notes

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The survey was implemented following a 2 stage procedure. Typically first a screener questionnaire is applied over the phone to determine eligibility and to make appointments. Then a face-to-face interview takes place with the Manager/Owner/Director of each establishment. However, sometimes the phone numbers were unavailable in the sample frame, and thus the enumerators applied the screeners in person. The variables a4b and a6b contain the industry and size of the establishment from the screener questionnaire.

### Questionnaires

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## Data Processing

No content available



## Data Appraisal

No content available

## File Description

## Variable List

## kenya\_2018\_full\_data

Content	Kenya 2018 Enterprise Survey data
Cases	1001
Variable(s)	312
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	idstd	WEB STD FIRMID	discrete	numeric	
V2	id	Firm ID	discrete	numeric	Questionnaire Number
V3	a4a	Industry Sampling Sector	discrete	numeric	Sampling Information - Sampling sector
V4	a6a	Sampling Size	discrete	numeric	Sampling Information - Sampling size
V5	a2	Sampling Region	discrete	numeric	Sampling Information - Sampling location
V6	a4b	Industry Screener Sector	discrete	numeric	Screener Information - Screener sector
V7	a0	Questionnaire	discrete	numeric	Screener Information - Module
V8	a3a	Region of The Establishment	discrete	numeric	Screener Information - Screener region
V9	a6b	Screener Size	discrete	numeric	A.6 Screener Size
V10	a14d	Day	contin	numeric	A.14 Time face-to-face interview begins: Day(dd)
V11	a14m	Month	contin	numeric	A.14 Time face-to-face interview begins: Month(mm)
V12	a14y	Year	contin	numeric	A.14 Time face-to-face interview begins: Year(yyyy)
V13	a14h	Hour	contin	numeric	A.14 Time face-to-face interview begins: Hour (00 to 23)
V14	a14min	Minutes	contin	numeric	A.14 Time face-to-face interview begins: Minutes(00 to 59)
V15	a1	Country Code	discrete	numeric	
V16	a12	Interviewer Number	discrete	character	A.12 Interviewer code
V17	a1a	Language of The Interview	discrete	numeric	Screener Information - Language
V18	a1c	Sample Frame Level	discrete	numeric	Sampling Information - Frame level
V19	a7	Establishment part of a multi-establishment Firm?	discrete	numeric	Screener Information - Multi-establishment firm
V20	a7a	Number of Establishments In The Firm	contin	numeric	

V21	a7b	Is This Establishment The Headquarters Location?	discrete	numeric	
V22	a11	If Hq, Financial Statements Independent of The Rest of Establishment	discrete	numeric	
V23	a7c	Does This Headquarters Location Engage In Production or Sales At This Location?	discrete	numeric	
V24	a9	Establishment'S Financial Statements Prepared Separately From Hq Statements	discrete	numeric	
V25	a20y	Close Year of The Last Completed Fiscal Year	contin	numeric	A.20 On which calendar date did the last completed fiscal year end? Year
V26	a20m	Close Month of The Last Completed Fiscal Year	contin	numeric	A.20 On which calendar date did the last completed fiscal year end? Month
V27	a20d	Close Day of The Last Completed Fiscal Year	contin	numeric	A.20 On which calendar date did the last completed fiscal year end? Day
V28	b1	Legal Status of The Firm	discrete	numeric	B.1 What is this firm's current legal status?
V29	b1x	Other (Specify)	discrete	character	B.1 What is this firm's current legal status? Other (spontaneous - specify)
V30	b3	What Percentage of This Firm Does The Largest Owner(S) Own?	contin	numeric	B.3 What percentage of this firm does the largest owner or owners own?
V31	b2a	% Owned By Private Domestic Individuals, Companies or organizations	contin	numeric	B.2 What percentage of this firm is owned by each of the following: - Private domestic individuals, companies or organizations
V32	b2b	% Owned By Private Foreign Individuals, Companies or organizations	contin	numeric	B.2 What percentage of this firm is owned by each of the following: - Private foreign individuals, companies or organizations
V33	b2c	% Owned By Government/State	contin	numeric	B.2 What percentage of this firm is owned by each of the following: - Government or State
V34	b2d	% Owned By Other	contin	numeric	B.2 What percentage of this firm is owned by each of the following: - Other
V35	b4	Amongst The Owners of The Establishment, Are There Any Females?	discrete	numeric	B.4 Amongst the owners of the firm, are there any females?
V36	b4a	% of The Establishment Owned By Females	contin	numeric	B.4a What percentage of the firm is owned by females?
V37	KENb1	What Percentage of This Firm Is Owned By The Same Family?	contin	numeric	KENB.1. What percentage of this firm is owned by the same family? (If more than one family, refer to the one with largest ownership)
V38	KENb2	What Percentage of This Firm Is Owned By The Indian or Kenyan of Indian Descent?	contin	numeric	KENB.2. What percentage of this firm is owned by Indians or Kenyan of Indian descent?

V39	b5	Year Establishment Began Operations	contin	numeric	B.5 In what year did this establishment begin operations?
V40	b6	Number of Full-Time Employees of The Establishment When It Started Operations	contin	numeric	B.6 How many full-time employees did this establishment employ when it started operations? Please include all employees and managers.
V41	b6a	Was Establishment Formally Registered When It Began Operations?	discrete	numeric	B.6a Was this establishment formally registered when it began operations?
V42	b6b	In What Year Was This Establishment Formally Registered?	contin	numeric	B.6b In what year was this establishment formally registered?
V43	b7	How Many Years of Experience Working In This Sector Does The Top Manager Have?	discrete	numeric	B.7 How many years of experience working in this sector does the Top Manager have?
V44	b7a	Is The Top Manager Female?	discrete	numeric	B.7a Is the Top Manager female?
V45	b8	Does Establishment Have An Internationally-Recognized Quality Certification?	discrete	numeric	B.8 Does this establishment have an internationally-recognized quality certification?
V46	b8x	Specify The Internationally-Recognized Quality Certifications	discrete	character	B.8 Does this establishment have an internationally-recognized quality certification? Other specify
V47	KENb3	Member of Formal Organization Or Association?	discrete	numeric	KENB.3. Is this establishment, or the firm to which it belongs, part of a formally registered business membership organization, trade association, guild, or chamber of commerce?
V48	KENb4	Member of Unregistered Business Association, Network, or Business Support Group?	discrete	numeric	KENB.4. Is this establishment, or the firm to which it belongs, part of an unregistered business association, network, or business support group?
V49	c3	Application To Obtain An Electrical Connection Submitted Over The Last 2 Years	discrete	numeric	C.3 Over the last two years, did this establishment submit an application to obtain an electrical connection?
V50	c4	How Many Days Did It Take For You To Receive An Electrical Connection Service?	contin	numeric	C.4 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?
V51	c5	Informal Gift/Payment Expected or Requested For An Electrical Connection?	discrete	numeric	C.5 In reference to that application for an electrical connection, was an informal gift or payment expected or requested?
V52	c6	Over Last FY, Did This Establishment Experience Power Outages?	discrete	numeric	C.6 Over fiscal year [Insert last complete fiscal year], did this establishment experience power outages?
V53	c7	Number of Power Outages Experienced In A Typical Month In Last Fiscal Year	contin	numeric	C.7 In a typical month, over fiscal year [Insert last complete fiscal year], how many power outages did this establishment experience?

V54	c8a	Average Duration of Power Outages {Hours; Minutes}	contin	numeric	C.8 How long did these power outages last on average? Hours
V55	c8b	How Long Did These Power Outages Last On Average?	contin	numeric	C.8 How long did these power outages last on average? Minutes
V56	c9a	In Last FY, Losses As % of Annual Sales Due To Power Outages	contin	numeric	C.9 Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses. - Loss as percentage of total annual sales due to power outages
V57	c9b	In Last FY, Value of Losses Due To Power Outages	contin	numeric	C.9 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
V58	c10	Generator Shared or Owned Over The Course of Last Fiscal Year?	discrete	numeric	C.10 Over the course of fiscal year [Insert last complete fiscal year], did this establishment own or share a generator?
V59	c11	% Electricity From Generator Owned/Shared By The Establishment In Last FY	contin	numeric	C.11 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's electricity came from a generator or generators that the establishment owned or shared?
V60	c12	Application To Obtain A Water Connection Submitted Over The Last 2 Years	discrete	numeric	C.12 Over the last two years, did this establishment submit an application to obtain a water connection?
V61	c13	How Many Days Did It Take For You To Obtain A Water Connection?	contin	numeric	C.13 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?
V62	c14	When You Applied For A Water Connection, Was An Informal Gift/Payment Requested?	discrete	numeric	C.14 In reference to that application for a water connection, was an informal gift or payment expected or requested?
V63	c15	Did You Experience Insufficient Water Supply For Production In Last FY?	discrete	numeric	C.15 Over fiscal year [Insert last complete fiscal year], did this establishment experience insufficient water supply for production?
V64	c16	Frequency of Incidents of Water Shortages In A Typical Month In Last FY	contin	numeric	C.16 In a typical month, over fiscal year [Insert last complete fiscal year], how many incidents of insufficient water supply did this establishment experience?
V65	c17	Average Length of Water Shortages (Affecting Production) In Last Fiscal Year	discrete	numeric	C.17 How long did these incidents of insufficient water supply last on average?
V66	c22b	Establishment Has Its Own Website	discrete	numeric	C.22b At the present time, does this establishment have its own website?

V67	c30a	How Much of An Obstacle: Electricity To Operations of This Establishment?	discrete	numeric	C.30 Using the response options on the card; To what degree is Electricity an obstacle to the current operations of this establishment?
V68	d1a1a	Establishment's Main Product/Service Last FY	discrete	numeric	D.1a1. In fiscal year [Insert last complete fiscal year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales?
V69	d1a1x	Main Product/Service (By The Largest % of Annual Sales) In Last Fiscal Year	discrete	character	D.1a1. In fiscal year [Insert last complete fiscal year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales? Detailed description of main activity and product
V70	d1a3	Main Product/Service: Percent of Total Annual Sales	contin	numeric	D.1a3 What percentage of total sales does the main activity or product represent?
V71	d2	In Last Fiscal Year, What Were This Establishment's Total Annual Sales?	contin	numeric	D.2 In fiscal year [Insert last complete fiscal year], what were this establishment's total annual sales for all products and services?
V72	d2x	Please Also Write Out The Number	discrete	character	D.2 In fiscal year [Insert last complete fiscal year], what were this establishment's total annual sales for all products and services? PLEASE ALSO WRITE OUT THE NUMBER (i.e. 50,000 AS FIFTY THOUSAND)
V73	n3	What Were The Establishment Sales 3 Years Ago	contin	numeric	N.3 Looking back to fiscal year [Insert last complete fiscal year minus two], what were total annual sales for this establishment?
V74	d3a	% of Sales: National Sales	contin	numeric	D.3 Coming back to fiscal year [Insert last complete fiscal year], what percentage of this establishment's sales were: - National sales
V75	d3b	% O Sales: Indirect Exports	contin	numeric	D.3 Coming back to fiscal year [Insert last complete fiscal year], what percentage of this establishment's sales were: - Indirect exports (sold domestically to third party that exports products)
V76	d3c	% of Sales: Direct Exports	contin	numeric	D.3 Coming back to fiscal year [Insert last complete fiscal year], what percentage of this establishment's sales were: - Direct exports



V77	d4	In Last FY, Avg. Num. of Days For Exported Goods To Clear Customs?	contin	numeric	D.4 In fiscal year [Insert last complete fiscal year], when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?
V78	d5a	In Clearing Exports Through Customs, Informal Gift/Payment Expected or Requested?	discrete	numeric	D.5a In reference to when this establishment exported goods directly, in clearing these goods through customs was an informal gift or payment expected or requested?
V79	d8	In What Year Did This Establishment First Export Directly or Indirectly?	contin	numeric	D.8 In which year did this establishment first export directly or indirectly?
V80	d10	In Last FY, % of Value of Products Lost In Transit Due To Theft	contin	numeric	D.10 In fiscal year [Insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?
V81	d11	In Last FY, % of Value of Products Lost In Transit Due To Breakage or Spoilage?	contin	numeric	D.11 In fiscal year [Insert last complete fiscal year], what percentage of value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?
V82	d12a	% of Material Inputs And Supplies of Domestic origin In Last Fiscal Year	contin	numeric	D.12 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's purchases of material inputs or supplies were: - Of domestic origin
V83	d12b	% of Material Inputs And Supplies of Foreign origin In Last Fiscal Year	contin	numeric	D.12 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's purchases of material inputs or supplies were: - Of foreign origin
V84	d13	Were Any of These Material Inputs And Supplies Imported Directly?	discrete	numeric	D.13 Were any of the material inputs or supplies purchased in fiscal year [Insert last complete fiscal year] imported directly?
V85	d14	Avg. Num. of Days For Imported Goods To Clear Customs In Last Fiscal Year	contin	numeric	D.14 In fiscal year [Insert last complete fiscal year], 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?

V86	d15a	In Clearing Imports Through Customs, Informal Gift/Payment Expected or Requested?	discrete	numeric	D.15a In reference to when this establishment imported material inputs or supplies, in claiming these goods from customs was an informal gift or payment expected or requested?
V87	d30a	How Much of An Obstacle: Transport?	discrete	numeric	D.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Transport
V88	d30b	How Much of An Obstacle: Customs And Trade Regulations?	discrete	numeric	D.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Customs and trade regulations
V89	r1	What Happened When Problem In The Production Process/Service Provision Arose?	discrete	numeric	R.1. Over the last complete fiscal year [Insert last complete fiscal year], what best describes what happened at this establishment when a problem in the production process arose?
V90	r2	Did This Establishment Monitor Any Production/Service Performance Indicators?	discrete	numeric	R.2. Over the last complete fiscal year [Insert last complete fiscal year], did this establishment monitor any performance indicators?
V91	r3	How Many Production/Service Performance Indicators Were Monitored?	discrete	numeric	R.3. Over the last complete fiscal year [Insert last complete fiscal year], how many indicators were monitored at this establishment?
V92	r4	Did This Establishment Have Production/Service Provision Targets?	discrete	numeric	R.4. Over the last complete fiscal year [Insert last complete fiscal year], did this establishment have production targets? Examples of production targets are: production volume, quality, efficiency, waste, or on-time delivery.
V93	r5	What Best Describes The Time Frame of Production/Service Provision Targets?	discrete	numeric	R.5. Over the last complete fiscal year [Insert last complete fiscal year], what best describes the time frame of production targets at this establishment?
V94	r6	How Easy To Achieve Its Production/Service Provision Targets?	discrete	numeric	R.6. Over the last complete fiscal year [Insert last complete fiscal year], how easy or difficult was it for this establishment to achieve its production targets overall?
V95	r7	Who Was Aware Of The Production/Service Provision Targets At This Establishment?	discrete	numeric	R.7. Over the last complete fiscal year [Insert last complete fiscal year], who was aware of the production targets at this establishment?
V96	r8	Was There Performance Bonuses Based On Production/Service Provision Targets?	discrete	numeric	R.8. Over the last complete fiscal year [Insert last complete fiscal year], did this establishment have performance bonuses for managers that were based on production targets?

V97	r9	What Were Managers' Performance Bonuses Usually Based On?	discrete	numeric	R.9. Over the last complete fiscal year [Insert last complete fiscal year], what were managers' performance bonuses mostly based on?
V98	r10	What Was The Primary Way Non-Managers Were Promoted?	discrete	numeric	R.10. Over the last complete fiscal year [Insert last complete fiscal year], what was the primary way non-managers were promoted at this establishment?
V99	r11	When Was An Under-Performing Non-Manager Reassigned or Dismissed?	discrete	numeric	R.11. Over the last complete fiscal year [Insert last complete fiscal year], when was an under-performing non-manager reassigned or dismissed?
V100	e1	In Last FY, Main Market For Establishment's Main Product	discrete	numeric	E.1 In fiscal year [Insert last complete fiscal year], which of the following was the main market in which this establishment sold its main product?
V101	e2b	Competitors For The Main Product/Service In The Main Market	contin	numeric	E.2 In fiscal year [Insert last complete fiscal year], for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face?
V102	e6	Do You Use Technology Licensed From A Foreign-Owned Company?	discrete	numeric	E.6 Does this establishment at present use technology licensed from a foreign-owned company, excluding office software?
V103	e11	Does This Establishment Compete Against Unregistered or Informal Establishments?	discrete	numeric	E.11 Does this establishment compete against unregistered or informal establishments?
V104	e30	How Much of An Obstacle: Practices of Competitors In Informal Sector?	discrete	numeric	E.30 Using the response options on the card; To what degree are Practices of Competitors in the Informal Sector an obstacle to the current operations of this establishment?
V105	h1	New Products/Services Introduced Over Last 3 Yrs	discrete	numeric	H.1 During the last three years, has this establishment introduced new or improved products or services?
V106	h2	New Products/Services Also New For The Establishment's Main Market	discrete	numeric	H.2 Were any of the new or improved products or services also new for the establishment's main market?
V107	h3x	Describe In Detail The Main New or Improved Product or Service	discrete	character	H.3 Please describe in detail the main new or improved product or service that this establishment introduced during the last three years. The main new or improved product or service is the one that represented the largest proportion of this establishment's sales in value (not volume) during the last three years.

V108	h4x	Describe How The Main New/Significantly Improved Product or Service Is Different	discrete	character	H.4 Please describe in detail how the main new or improved product or service is different than the most similar product or service, if any, previously produced by this establishment.
V109	h5	During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process	discrete	numeric	H.5 During the last three years, has this establishment introduced any new or improved process? These include: - methods of manufacturing products or offering services; - logistics, delivery, or distribution methods for inputs, products, or services; or supporting activities for processes?
V110	h6x	Describe Main New/Significantly Improved Process This Establishment Introduced	discrete	character	H.6 Please describe in detail the main new or improved process that this establishment introduced during the last three years. The main innovative process is the innovative process that had the largest impact on the operations of the establishment during the last three years.
V111	h7x	How The Main New/Significantly Improved Process Is Different	discrete	character	H.7 Please describe in detail how the main new or improved process is different than the most similar process that is or was used by this establishment
V112	h8	During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)?	discrete	numeric	H.8 During last fiscal year, did this establishment spend on research and development activities, either in-house or contracted with other companies, excluding market research surveys?
V113	h9	How Much Spent On R&D, Either In-House or External?	contin	numeric	H.9 During last fiscal year, how much did this establishment spend on research and development activities, either in-house or contracted with other companies?
V114	KENh1a	Introduced Innovation From Strategic Alliance With Other Organization?	discrete	numeric	KENH.1. Over the last THREE years, has this establishment introduced product or process innovations resulting from any of the following?: - Strategic alliance with other organizations
V115	KENh1b	Establishment Introduced Innovation From Collaboration And Codevelopment?	discrete	numeric	KENH.1. Over the last THREE years, has this establishment introduced product or process innovations resulting from any of the following?: - Collaboration and co-development with other organizations
V116	KENh1c	Establishment Introduced Innovation From Acquisition of Other Companies?	discrete	numeric	KENH.1. Over the last THREE years, has this establishment introduced product or process innovations resulting from any of the following?: - Acquisition of other companies

V117	KENh2a	Establishment Apply For Patent Concerning Any Product or Process Innovation?	discrete	numeric	KENH.2. Over the last THREE years, did this establishment: - Apply for a patent concerning any product or process innovation
V118	KENh2b	Establishment Apply For Register And Industrial Design?	discrete	numeric	KENH.2. Over the last THREE years, did this establishment: - Register an industrial design
V119	KENh2c	Establishment Apply For Trademark?	discrete	numeric	KENH.2. Over the last THREE years, did this establishment: - Apply for a trademark
V120	KENh2d	Establishment Apply For A Copyright?	discrete	numeric	KENH.2. Over the last THREE years, did this establishment: - Apply for a copyright
V121	KENh3	What Was The Main Reason Why This Establishment Did Not Apply For A Patent?	discrete	numeric	KENH.3. What was the main reason why this establishment did not apply for a patent for a product or process innovation over the last three years?
V122	KENh4a	Establishment License Out Any Patent On Its Product or Process Innovation?	discrete	numeric	KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?: - Patent on its product or process innovation
V123	KENh4b	Establishment License Out Any Registered Industrial Design?	discrete	numeric	KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?: - Registered industrial design
V124	KENh4c	Establishment License Out Any Trademark?	discrete	numeric	KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?: - Trademark
V125	KENh4d	Establishment License Out Any Copyright?	discrete	numeric	KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?: - Copyright
V126	KENh5	Training For The Development or Introduction of New Products or Processes?	discrete	numeric	KENH.5. Over the last THREE years, did this establishment provide formal training to any of its employees specifically for the development and/or introduction of new products or new processes?
V127	KENh6	Used Incubation Labs By The Government, Universities, or Private Sector?	discrete	numeric	KENH.6. Over the last THREE years, has this establishment used any of the incubation labs set up by the government, universities, or private sector?
V128	KENh7	Rate The Services offered By These Incubation Labs In Supporting Innovation?	discrete	numeric	KENH.7. Using the response options on the card, overall how do you rate the services offered by these incubation labs in supporting this establishment's efforts on innovation?
V129	KENh8	Most Important Source of Information, Ideas or Advice for Technological Upgrade?	discrete	numeric	KENH.8. Which of the following is the most important source of information, ideas or advice regarding technological upgrade for this establishment?

V130	KENh9a	How Much of An Obstacle To Technological Upgrading: Lack of Skilled Manpower	discrete	numeric	KENH.9. Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to technological upgrading of this establishment? - Lack of skilled manpower
V131	KENh9b	How Much of An Obstacle To Technological Upgrading: Financial Constraint	discrete	numeric	KENH.9. Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to technological upgrading of this establishment? - Financial constraints
V132	KENh9c	Obstacle To Technological Upgrading: Incompatibility With Existing Technology	discrete	numeric	KENH.9. Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to technological upgrading of this establishment? - Incompatibility with existing technology
V133	f1	In Last FY, What Was The Capacity Utilization (%) of This Establishment?	contin	numeric	F.1 In fiscal year [Insert last complete fiscal year], what was this establishment's output produced as a percentage of the maximum output possible if using all the resources available (capacity utilization)?
V134	f2	Number of Hours Per Week Operated By The Establishment In Last Fiscal Year	contin	numeric	F.2 In fiscal year [Insert last complete fiscal year], how many hours per week did this establishment normally operate?
V135	KENf1a	Did Not Produce More Due To: Lack of Demand For Its Product or Services?	discrete	numeric	KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more: - Lack of demand for its products or services
V136	KENf1b	Did Not Produce More Due To: Insufficient Material Inputs?	discrete	numeric	KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more: - Insufficient material inputs
V137	KENf1c	Did Not Produce More Due To: Obsolete Machinery Equipment?	discrete	numeric	KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more: - Obsolete machinery equipment
V138	KENf1d	Did Not Produce More Due To: Uncertainty About Future Market Prospects?	discrete	numeric	KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more: - Uncertainty about future market prospects

V139	KENf1e	Did Not Produce More Due To: Political Uncertainty?	discrete	numeric	KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more: - Political uncertainty
V140	g6a	Percentage of The Building Occupied: Owned By This Establishment	contin	numeric	G.6 Of the buildings occupied by this establishment, what percentage is: - Owned by this establishment
V141	g1a	Percentage of The Land Occupied: Owned By This Establishment	contin	numeric	G.1 Of the land occupied by this establishment, what percentage is: - Owned by this establishment
V142	g2	Applic. To Obtain A Construction-Related Permit Submitted Over The Last 2 Years	discrete	numeric	G.2 Over the last two years, did this establishment submit an application to obtain a construction-related permit?
V143	g3	How Many Days Did It Take For You To Obtain A Construction-Related Permit?	contin	numeric	G.3 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?
V144	g4	Informal Gift/Payment Expected or Requested For A Construction-Related Permit	discrete	numeric	G.4 In reference to that application for a construction-related permit, was an informal gift or payment expected or requested?
V145	g5a	What Is The Total Selling Area In This Establishment?	contin	numeric	G.5 What is the total selling area of this establishment?
V146	g5b	The Area Is Measured In:	discrete	numeric	G.5 What is the total selling area of this establishment? Specify units
V147	g5bx	Specify Other Units (If Not Included Above) The Area Is Measured In	discrete	character	G.5 What is the total selling area of this establishment? Specify units (other)
V148	g30a	How Much of An Obstacle: Access To Land?	discrete	numeric	G.30 Using the response options on the card; To what degree is Access to Land an obstacle to the current operations of this establishment?
V149	i1	In Last FY, Did This Establishment Pay For Security?	discrete	numeric	I.1 In fiscal year [Insert last complete fiscal year], did this establishment pay for security, for example equipment, personnel, or professional security services including internet security?
V150	i2a	Percentage of Total Annual Sales Paid For Security In Last Fiscal Year	contin	numeric	I.2 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security? - Percentage of total annual sales for security

V151	i2b	In Last Fiscal Year, What Is The Total Annual Cost of Security?	contin	numeric	I.2 In fiscal year [Insert last complete fiscal year], what percentage 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
V152	i3	Losses Due To Theft, Robbery, Vandalism or Arson Experienced In Last Fiscal Year	discrete	numeric	I.3 In fiscal year [Insert last complete fiscal year], did this establishment experience losses as a result of theft, robbery, vandalism, arson on this establishment's premises or from internet hacking or fraudulent internet transactions?
V153	i4a	Losses Due To Theft, Robbery, Vandalism or Arson In Last FY (% of Sales)	contin	numeric	I.4 In fiscal year [Insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism, arson, internet hacking or fraudulent internet transactions that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses? - Losses as percentage of total annual sales
V154	i4b	Value of Losses Due To Theft, Robbery, Vandalism or Arson In Last FY	contin	numeric	I.4 In fiscal year [Insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism, arson, internet hacking or fraudulent internet transactions 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
V155	i30	How Much of An Obstacle: Crime, Theft And Disorder?	discrete	numeric	I.30 Using the response options on the card; To what degree is Crime, Theft and Disorder an obstacle to the current operations of this establishment?
V156	k3a	% of Working Capital Financed From Internal Funds/Retained Earnings	contin	numeric	K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Internal funds or retained earnings
V157	k3bc	% of Working Capital Borrowed From Banks	contin	numeric	K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Borrowed from banks: private and state-owned



V158	k3e	% of Working Capital Borrowed From Non-Bank Financial Institutions	contin	numeric	K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies
V159	k3f	% of Working Capital Purchased On Credit/Advances From Suppliers /Customers	contin	numeric	K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Purchases on credit from suppliers and advances from customers
V160	k3hd	% of Working Capital Financed By Other (Money Lenders, Friends, Relatives, Etc)	contin	numeric	K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources? - Other, moneylenders, friends, relatives, etc.
V161	KENk1	% of Working Capital from Saving And Credit Cooperative (SACCO)	contin	numeric	KENK.1. Please estimate the proportion of this establishment's working capital that was financed by Saving and Credit Cooperative Organizations (SACCOs) during [insert last complete fiscal year]
V162	KENk2	% of Working Capital from Government Grants	contin	numeric	KENK.2. Please estimate the proportion of this establishment's working capital that was financed by Government grants such as Uwezo, Youth and Women Enterprise Development fund during[insert last complete fiscal year]
V163	k4	Did This Establishment Purchase Any Fixed Assets In Last FY?	discrete	numeric	K.4 In fiscal year [Insert last complete fiscal year], did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?
V164	n5a	Total Annual Expenditure For Purchases of Equipment In Last FY	contin	numeric	N.5 In fiscal year [Insert last complete fiscal year], how much did this establishment spend on purchases of: - New or used machinery, vehicles, and equipment?

V165	n5b	Total Annual Expenditure For Purchases of Land And Buildings In Last FY	contin	numeric	N.5 In fiscal year [Insert last complete fiscal year], how much did this establishment spend on purchases of: - Land and buildings, including expansion and renovations of existing structures?
V166	k5a	Last FY, % Fixed Assets Funded By: Internal Funds/Retained Earnings	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent) - Internal funds or retained earnings
V167	k5a1	Fixed Assets - Value Internal Funds or Retained Earnings	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount) - Internal funds or retained earnings
V168	k5i	Last FY, % Fixed Assets Funded By: Owners' Contributions or Issued New Equity	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent) - Owners' contribution or issued new equity shares
V169	k5i1	Fixed Assets - Value Owners' Contribution or Issued New Equity Shares	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount) - Owners' contribution or issued new equity shares
V170	k5bc	Last FY, % Fixed Assets Funded By: Bank Borrowing	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent) - Borrowed from banks: private and state-owned
V171	k5bc1	Fixed Assets - Value Borrowed From Banks	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount) - Borrowed from banks: private and state-owned

V172	k5e	Last FY, % Fixed Assets Funded By: Non-Bank Financial Institutions	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent) - Borrowed from non-bank financial institutions, which include microfinance institutions, credit cooperatives, credit unions, or finance companies
V173	k5e1	Fixed Assets - Value Borrowed From Non-Bank Financial Institutions	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount) - Borrowed from non-bank financial institutions, which include microfinance institutions, credit cooperatives, credit unions, or finance companies
V174	k5f	Last FY, % Fixed Assets Funded By: Credit From Suppliers/Advances From Customers	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent) - Purchases on credit from suppliers and advances from customers
V175	k5f1	Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers	discrete	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount) - Purchases on credit from suppliers and advances from customers
V176	k5hdj	Last FY, % Fixed Assets Funded By: Other (Money Lenders\Friends\Relatives\Etc)	contin	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent) - Other, moneylenders, friends, relatives, bonds, etc
V177	k5hdj1	Fixed Assets - Value Other	discrete	numeric	K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount) - Other, moneylenders, friends, relatives, bonds, etc

V178	k4b	Purchase Any New/Used Fixed Assets?	discrete	numeric	K.4b In fiscal year [Insert last complete fiscal year minus one], did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?
V179	n5c	Total Annual Expenditure For Purchases of Equipment In Year Prior To Last FY	contin	numeric	N.5c In fiscal year [Insert last complete fiscal year minus one], how much did this establishment spend on purchases of: - New or used machinery, vehicles, and equipment
V180	n5d	Total Annual Expenditure On Land And Buildings In Year Prior To Last FY	contin	numeric	N.5d In fiscal year [Insert last complete fiscal year minus one], how much did this establishment spend on purchases of: - Land and buildings
V181	k6	Does This Establishment Have A Checking And/or Saving Account?	discrete	numeric	K.6 At this time, does this establishment have a checking (current) or savings account?
V182	k7	At This Time, Does This Establishment Have An Overdraft Facility?	discrete	numeric	K.7 At this time, does this establishment have an overdraft facility?
V183	k8	Establishment Has A Line of Credit or Loan From A Financial Institution?	discrete	numeric	K.8 At this time, does this establishment have a line of credit or a loan from a financial institution?
V184	k9	Type of Financial Institution That Granted The Line of Credit or Loan	discrete	numeric	K.9 Referring to the most recent line of credit or loan, what type of financial institution granted this loan?
V185	k10	Year When The Most Recent Loan/Line of Credit Approved	contin	numeric	K.10 Referring only to this most recent line of credit or loan, in what year was the most recent line of credit or loan approved?
V186	k11	For The Most Recent Loan, What Was The Value At The Time of Approval?	contin	numeric	K.11 Referring only to this most recent line of credit or loan, what was its value at the time of approval?
V187	k13	Financing Required For The Most Recent Line of Credit or Loan	discrete	numeric	K.13. Referring only to this most recent line of credit or loan, did the financing require collateral?
V188	k14a	Type of Collateral Required For The Most Recent Loan? Land, Buildings	discrete	numeric	K.14 Referring only to this most recent line of credit or loan, what type of collateral was required? - Land, buildings under ownership of the establishment
V189	k14b	Type of Collateral Required For The Most Recent Loan? Equipment	discrete	numeric	K.14 Referring only to this most recent line of credit or loan, what type of collateral was required? - Machinery and equipment including movables
V190	k14c	Type of Collateral Required For The Most Recent Loan? Accounts	discrete	numeric	K.14 Referring only to this most recent line of credit or loan, what type of collateral was required? - Accounts receivable and inventories

V191	k14d	Type of Collateral Required For The Most Recent Loan? Personal Assets	discrete	numeric	K.14 Referring only to this most recent line of credit or loan, what type of collateral was required? - Personal assets of owner (house, etc.)
V192	k14e	Type of Collateral Required For The Most Recent Loan? Other	discrete	numeric	K.14 Referring only to this most recent line of credit or loan, what type of collateral was required? - Other forms of collateral not included in the categories above
V193	k15a	Value of Collateral Required For The Most Recent Credit/Loan	contin	numeric	K.15a Referring only to this most recent line of credit or loan, what was the approximate value of the collateral required?
V194	k15b	Total Number of Open Lines of Credit and Outstanding Loans	contin	numeric	K.15b What is the total number of open lines of credit and outstanding loans held by this establishment?
V195	k15c	Outstanding Balance of All Open Lines of Credit And Loans	discrete	numeric	K.15c What is the total outstanding balance of all open lines of credit and loans held by this establishment?
V196	k15d	Outstanding Personal Loans Used To Finance Establishment's Business Activities?	discrete	numeric	K.15d At this time, does the owner or owners of this establishment have any outstanding personal loans that are used to finance this establishment's business activities?
V197	k16	In Last FY, Did Establishment Apply For New Loans/Lines of Credit?	discrete	numeric	K.16 Referring again to the last fiscal year [Insert last complete fiscal year], did this establishment apply for any lines of credit or loans?
V198	k17	Main Reason For Not Applying For New Loans or New Lines of Credit	discrete	numeric	K.17 What was the main reason why this establishment did not apply for any line of credit or loan?
V199	k20a1	What Was The Outcome of That Most Recent Application For Loan/Line of Credit?	discrete	numeric	K.20 Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?
V200	k21	Financial Statements Checked & Certified By External Auditor In Last FY?	discrete	numeric	K.21 In fiscal year [Insert last complete fiscal year], did this establishment have its annual financial statements checked and certified by an external auditor?
V201	KENk3	Demand For Bank Credit Increase Following The Interest Rate Cap In 2016?	discrete	numeric	KENK.3. Did this establishment's demand for bank credit increase following the interest rate cap introduced in 2016?
V202	KENk4	What Was The Outcome of That Application For Most Recent Line of Credit or Loan?	discrete	numeric	KENK.4. Overall, how did the 2016 interest rate cap affect this establishment's access to credit?
V203	KENk5	Coping Mechanism for impact of Interest Rate Cap On Access To Credit?	discrete	numeric	KENK.5. What is the main coping mechanism of this establishment to deal with the negative effect of the interest rate cap on its access to credit?

V204	k30	How Much of An Obstacle: Access To Finance	discrete	numeric	K.30 Using the response options on the card; To what degree is Access to Finance an obstacle to the current operations of this establishment?
V205	MMs1	Does This Establishment Use Mobile Money For Any of Its Financial Transactions?	discrete	numeric	MMS.1. In its current operations, does this establishment use mobile money for any of its financial transactions?
V206	MMs2	Main Reason Started Using Mobile Money For Any of Its Financial Transactions	discrete	numeric	MMS.2. Please indicate the main reason this establishment started using mobile money for any of its financial transactions.
V207	MMs3	In The Last FY, Did This Establishment Use Mobile Money To Pay Its Employees?	discrete	numeric	MMS.3. In the last complete fiscal year, did this establishment use mobile money to pay its employees?
V208	MMs4	% of Total Labor Cost Paid Using Mobile Money	contin	numeric	MMS.4. In the last complete fiscal year, what percentage of total labor cost (salaries and wages of its employees) was paid by this establishment using mobile money?
V209	MMs5	In The Last FY, Did This Establishment Use Mobile Money To Pay Its Suppliers?	discrete	numeric	MMS.5. In the last complete fiscal year, did this establishment use mobile money to pay its suppliers?
V210	MMs6	% Annual Costs of Raw Materials Paid Using Mobile Phone Money	contin	numeric	MMS.6. In the last complete fiscal year, what percentage of the total annual cost of raw materials and intermediate goods (suppliers' bills) was paid by this establishment using mobile money?
V211	MMs7	Did This Establishment Use Mobile Money To Pay The Utility Bills?	discrete	numeric	MMS.7. In the last complete fiscal year, did this establishment use mobile money to pay the utility bills of the enterprise?
V212	MMs8	% Annual Costs of Utilities Paid Using Mobile Phone Money	contin	numeric	MMS.8. In the last complete fiscal year, what percentage of the total annual cost of utilities (utilities companies' bills) was paid by this establishment using mobile money?
V213	MMs9	Did Establishment Use Mobile Money To Receive Payments From Customers?	discrete	numeric	MMS.9. In the last complete fiscal year, did this establishment use mobile money to receive payments from customers?
V214	MMs10	% Annual Sales Received To Receive Payments For Customers	contin	numeric	MMS.10. In the last complete fiscal year, what percentage of annual sales did this establishment receive from customers using mobile money?
V215	MMs12	In The Last FY, Did This Establishment Use Mobile Money To Access Loans?	discrete	numeric	MMS.12. In the last complete fiscal year, did this establishment use mobile money to access loans?

V216	MMs11	Main Reason Establishment Doesn't Use Mobile Money For Financial Transactions	discrete	numeric	MMS.11. Please indicate the main reason why this establishment doesn't use mobile money for financial transactions
V217	h7a	The Court System Is Fair, Impartial And Uncorrupted	discrete	numeric	J.1 Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree with the statement: "The court system is fair, impartial and uncorrupted".
V218	j2	What % of Senior Management Time Was Spent In Dealing With Govt Regulations?	contin	numeric	J.2 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 or sales workers.)
V219	j3	Over The Last 12 Months, Was This Establishment Inspected By Tax officials?	discrete	numeric	J.3 Over the last year, was this establishment visited or inspected by tax officials or required to meet with them?
V220	j4	Frequency of Inspections/Requirement For Meeting By Tax officials	contin	numeric	J.4 Over the last year, how many times was this establishment visited or inspected by tax officials or required to meet with them?
V221	j5	In Any of These Inspections Was A Gift/Informal Payment Requested ?	discrete	numeric	J.5 In any of these inspections or meetings was a gift or informal payment expected or requested?
V222	KENj1	Establishment Visited or Inspected By Government officials For Non-Tax Purpose?	discrete	numeric	KENJ.1. Over the last year, was this establishment visited or inspected by government officials for compliance with any government regulations other than for tax purpose?
V223	KENj2	How Many Times Was Establishment Visited or Inspected By Government officials?	contin	numeric	KENJ.2. Over the last year, how many times was this establishment visited or inspected by government officials for compliance with any government regulations other than for tax purpose?
V224	j6a	Government Contract Secured (or Attempted) In The Last 12 Months?	discrete	numeric	J.6a Over the last year, has this establishment secured or attempted to secure a government contract?
V225	j6	% of Contract Value In Informal Gifts To Govt To Secure Contract?	contin	numeric	J.6 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?

V226	j7a	Percent of Total Annual Sales Paid In Informal Payments	contin	numeric	J.7 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 percentage 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? - Percentage of total annual sales paid as informal payment
V227	j7b	Total Annual Informal Payment	contin	numeric	J.7 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 percentage 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
V228	KENj3	Has This Establishment Succeeded In Securing A Government Contract?	discrete	numeric	KENJ.3. Now, thinking about the last THREE years, has this establishment succeeded in securing a government contract, at the county or national level?
V229	KENj4	Value of Most Recent Government Contract As % of Annual Sales For The Year	contin	numeric	KENJ.4. Please estimate the total value of the most recent government contract as a percentage of total annual sales for that year?
V230	KENj5	Establishment has Any Contract With The Government, That Was Late For Payment?	discrete	numeric	KENJ.5. Over the past THREE years, was any of these contracts with the government, local or central, late for payment?
V231	KENj6	Number of Months Late In Making Payments	contin	numeric	KENJ.6. On average, by how many months is the government late in making payments?
V232	KENj7	Did Establishment Receive Any Government Contracts Under Affirmative Platform ?	discrete	numeric	KENJ.7. Over the last THREE years, did this establishment receive any government contracts under the affirmative platform (i.e., procurement for enterprises owned by persons with disability (PWDs), women, youth and micro and small enterprises (MSEs))?
V233	KENj8	Contract Value Under Affirmative Action As A Percentage of Total Sales	discrete	numeric	KENJ.8. Please estimate the total value of the most recent government contract obtained by this establishment under the affirmative action platform as a percentage of total annual sales for that year?



V234	j10	Application To Obtain An Import License Submitted Over The Last 2 Years?	discrete	numeric	J.10 Over the last two years, did this establishment submit an application to obtain an import license?
V235	j11	How Many Days Did It Take To Obtain Your Import License?	contin	numeric	J.11 Approximately how many days did it take to obtain this import license from the day of the application to the day it was granted?
V236	j12	When You Applied For An Import License, Was An Informal Gift/Payment Requested?	discrete	numeric	J.12 In reference to that application for an import license, was an informal gift or payment expected or requested?
V237	j13	Application To Obtain An Operating License Submitted Over Last 2 Years?	discrete	numeric	J.13 Over the last two years, did this establishment submit an application to obtain an operating license?
V238	j14	How Many Days Did It Take To Obtain Your Operating License?	contin	numeric	J.14 Approximately how many days did it take to obtain this operating license from the day of the application to the day it was granted?
V239	j15	When You Applied For Operating License Was An Informal Gift/Payment Requested?	discrete	numeric	J.15 In reference to that application for an operating license, was an informal gift or payment expected or requested?
V240	KENj9	Has This Establishment Used The Services of Any “Huduma Centre”?	discrete	numeric	KENJ.9. Over the last THREE years, has this establishment used the services of any “Huduma Centre”?
V241	KENj10	How Do You Rate The Quality of Services offered By The “Huduma Centre”?	discrete	numeric	KENJ.10. Using the response options on the card, how do you rate the quality of services offered by the “Huduma Centre”? In case the services of more than one Huduma Center were used, please refer to the Center that provided the most recent service.
V242	KENj11a	Did The Land Tax Increase, Decrease, or Remain The Same?	discrete	numeric	KENJ.11. Thinking about county-level taxes and levies and comparing the year 2016 to 2012, did the [insert option] increase, decrease, or remain the same? - Land tax
V243	KENj11b	Did The Cost of Single Business Permit Increase, Decrease, or Remain The Same?	discrete	numeric	KENJ.11. Thinking about county-level taxes and levies and comparing the year 2016 to 2012, did the [insert option] increase, decrease, or remain the same? - Cost of single business permit
V244	j30a	How Much of An Obstacle: Tax Rates	discrete	numeric	J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Tax Rates

V245	j30b	How Much of An Obstacle: Tax Administrations	discrete	numeric	J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Tax administration
V246	j30c	How Much of An Obstacle: Business Licensing And Permits	discrete	numeric	J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Business licensing and permits
V247	j30e	How Much of An Obstacle: Political Instability	discrete	numeric	J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Political instability
V248	j30f	How Much of An Obstacle: Corruption	discrete	numeric	J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Corruption
V249	h30	How Much of An Obstacle: Courts	discrete	numeric	J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Courts
V250	l1	Num. Permanent, Full-Time Employees At End of Last Fiscal Year	contin	numeric	L.1 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers. Permanent, full-time employees are defined as all employees that are employed for a term of one or more fiscal years and/or have a guaranteed renewal of their employment and that work a full shift.
V251	l2	Num. Permanent, Full-Time Employees At End of 3 Fiscal Years Ago	contin	numeric	L.2 Looking back, at the end of fiscal year [Insert last complete fiscal year minus two], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers
V252	l3a	Num. Full-Time Employees At End of Last FY: Production Workers	contin	numeric	L.3 Coming back to fiscal year [Insert last complete fiscal year], at the end of the fiscal year, how many permanent, full-time individuals in this establishment were: - Production workers
V253	l3b	Num. Full-Time Employees At End of Last FY: Non-Production Workers	contin	numeric	L.3 Coming back to fiscal year [Insert last complete fiscal year], at the end of the fiscal year, how many permanent, full-time individuals in this establishment were: - Non-production workers [e.g., administration, sales]

V254	I4a1	Num. of Permanent, Full-Time Highly Skilled Production Workers, Last FY	contin	numeric	L.4 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time production workers in this establishment were: - In highly skilled jobs, that is professionals whose tasks require extensive theoretical and technical knowledge
V255	I4a2	Num. of Permanent, Full-Time Semi Skilled Production Workers, Last FY	contin	numeric	L.4 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time production workers in this establishment were: - In semi-skilled jobs, that is technicians whose tasks require some level of mechanical or technical knowledge
V256	I4b	Num. of Permanent, Full-Time Unskilled Production Workers, Last FY	contin	numeric	L.4 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time production workers in this establishment were: - In unskilled jobs, those whose tasks involve no specialized knowledge
V257	I5a	Num. Full-Time Employees At End of Last FY: Female Production Workers	contin	numeric	L.5 At the end of fiscal year [Insert last complete fiscal year], in this establishment how many permanent, full-time workers in each of the following categories were female? - Production workers
V258	I5b	Num. Full-Time Employees At End of Last FY: Female Non-Production Workers	contin	numeric	L.5 At the end of fiscal year [Insert last complete fiscal year], in this establishment how many permanent, full-time workers in each of the following categories were female? - Non-production workers
V259	I5	Num. Full-Time Employees At End of Last FY: Female	contin	numeric	L.5 At the end of fiscal year [Insert last complete fiscal year], in this establishment how many permanent, full-time workers were female?
V260	I6	Num. Full-Time Temporary Employees At End of Last FY	contin	numeric	L.6 How many full-time seasonal or temporary employees did this establishment employ during [Insert last complete fiscal year]? Full-time, temporary workers are all short-term that is for less than a year, employees with no guarantee of renewal of employment and work full-time
V261	I6a	Female Temporary, Full-Time Workers Employed Throughout Last FY	contin	numeric	L.6a How many full-time seasonal or temporary employees during fiscal year [Insert last complete fiscal year], were female?
V262	I8	Avg. Length of Employment of All Full-Time Temporary Employees In Last FY	contin	numeric	L.8 What was the average length of employment of all full-time seasonal or temporary employees in fiscal year [Insert last complete fiscal year]?

V263	I9b	% of Full Time Workers Completed High School End of Last FY	contin	numeric	L.9b What percentage or how many of the full-time permanent workers employed at the end of fiscal year [Insert last complete fiscal year] completed secondary school? Please provide the percentage. - Percentage or number of full time permanent workers who completed secondary school
V264	I9b1	Number of Full Time Workers Completed High School	contin	numeric	L.9b What percentage or how many of the full-time permanent workers employed at the end of fiscal year [Insert last complete fiscal year] completed secondary school? Please provide the number. - Number of full time permanent workers who completed secondary school
V265	I10	Formal Training Programs For Permanent, Full-Time Employees In Last FY	discrete	numeric	L.10 Over fiscal year [Insert last complete fiscal year], did this establishment have formal training programs for its permanent, full-time employees?
V266	I11a	% Permanent Full-Time Production Employees Received Formal Training In Last FY	contin	numeric	L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Production full-time permanent employees trained (percent)
V267	I11a1	Training Programs Amount: Production Full-Time Permanent Employees Trained	contin	numeric	L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Production full-time permanent employees trained (number)
V268	I11b	% Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY	contin	numeric	L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Non-production full-time permanent employees trained (percent)

V269	I11b1	Training Programs Amount:Non-Production Full-Time Permanent Employees Trained	contin	numeric	L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both) - Non-production full-time permanent employees trained (number)
V270	I30a	How Much of An Obstacle: Labor Regulations?	discrete	numeric	L.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Labor regulations
V271	I30b	How Much of An Obstacle: Inadequately Educated Workforce?	discrete	numeric	L.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment? - Inadequately educated workforce
V272	m1a	Biggest Obstacle Affecting The Operation of This Establishment	discrete	numeric	By looking at the list of elements of the business environment please tell me which one, if any, currently represents the biggest obstacle faced by this establishment. - Biggest obstacle
V273	n2a	Total Labor Cost (Incl. Wages, Salaries, Bonuses, Etc) In Last Fiscal Year	contin	numeric	N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information: - Total annual cost of labor including wages, salaries, bonuses, social security payments
V274	n2e	Cost of Raw Materials And Intermediate Goods Used In Prod. In Last Fiscal Year	contin	numeric	N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information: - Total annual cost of raw materials and intermediate goods used in production
V275	n2b	Total Annual Costs of Electricity In Last Fiscal Year	contin	numeric	N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information: - Total annual cost of electricity
V276	n2i	Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY	contin	numeric	N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information: - Total annual cost of finished goods and materials purchased to resell
V277	n2p	Total Cost of Sales In Last FY	contin	numeric	N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information: - Total cost of sales

V278	n2e1	Total Cost of Raw Materials And Intermediate Goods Used In Production	contin	numeric	N.2e1 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year minus one], please provide the total cost of raw materials and intermediate goods used in production.
V279	n7a	Cost For Establishment To Re-Purchase All of Its Machinery	contin	numeric	N.7 Hypothetically, if this establishment were to purchase all the machinery, vehicles, and equipment it uses now, in their current condition and regardless of whether the establishment owns them or not, how much would they cost, independently of whether they are owned, rented or leased?
V280	a15d	Day	contin	numeric	A.15 Time face-to-face main interview ends: Day (dd)
V281	a15m	Month	contin	numeric	A.15 Time face-to-face main interview ends: Month (mm)
V282	a15y	Year	contin	numeric	A.15 Time face-to-face main interview ends: Year (yyyy)
V283	a15h	Hour	contin	numeric	A.15 Time face-to-face main interview ends: Hour (00 to 23)
V284	a15min	Minutes	contin	numeric	A.15 Time face-to-face main interview ends: Minutes (00 to 59)
V285	a15a1a	Option That Best Describes The Main Respondents Position	discrete	numeric	A.15a1 Please indicate which option best describes the main respondents position:
V286	a15a1ax	Main Respondent Position In The Establishment	discrete	character	A.15a1 Please indicate which option best describes the main respondents position: Other (specify)
V287	a15a2a	Main Respondent Years Working In The Establishment:	contin	numeric	A.15a Please complete the following information about the interviewee(s), Main respondent - Years with the establishment
V288	a15a3	Main Respondent's Gender	discrete	numeric	A.15a Please complete the following information about the interviewee(s), Main respondent - Gender
V289	a15a1bx	Second Respondent Position In The Establishment	discrete	character	A.15a Please complete the following information about the interviewee(s), Second respondent - Position in the establishment
V290	a15a2b	Second Respondent Years Working In The Establishment:	contin	numeric	A.15a Please complete the following information about the interviewee(s), Second respondent - Years with the establishment
V291	a15b3	Second Respondent's Gender	discrete	numeric	A.15a Please complete the following information about the interviewee(s), Second respondent - Gender

V292	a15a1cx	Third Respondent Position In The Establishment	discrete	character	A.15a Please complete the following information about the interviewee(s), Third respondent - Position in the establishment
V293	a15a2c	Third Respondent Years Working In The Establishment:	discrete	numeric	A.15a Please complete the following information about the interviewee(s), Third respondent - Years with the establishment
V294	a15c3	Third Respondent's Gender	discrete	numeric	A.15a Please complete the following information about the interviewee(s), Third respondent - Gender
V295	a16	Perception of The Questions Regarding Opinions And Perceptions	discrete	numeric	A.16. It is my perception that the responses to the questions regarding opinions and perceptions were:
V296	a17	Responses To The Questions About Figures Areâ€¦	discrete	numeric	A.17. The responses to the questions regarding figures (productivity and employment numbers) were:
V297	a18	This Questionnaire Was Completed In:	discrete	numeric	A.18. This questionnaire was completed in:
V298	a19h	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Hours	discrete	numeric	A.19. If option 2 or 3 in A.18, estimate duration of the whole interview - Hour
V299	a19m	If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview: Minutes	contin	numeric	A.19. If option 2 or 3 in A.18, estimate duration of the whole interview - Minutes
V300	a13	Supervisor Number	discrete	character	A.13 Supervisor code
V301	a3b	official Capital City?	discrete	numeric	Is this city the official capital city?
V302	a3c	Main Business City?	discrete	numeric	Is this city the main business city?
V303	a3	Size of Locality	discrete	numeric	Size of locality
V304	d1a2	Main Product/Service ISIC (Rev. 3.1) Code	contin	numeric	D.1a2 PLEASE CHOOSE THE 4-DIGIT ISIC REV. 3.1 SECTOR CODE THAT BEST APPLIES TO THE ESTABLISHMENT'S MAIN ACTIVITY AND PRODUCT.
V305	stratificationregioncode	stratification region code	discrete	numeric	
V306	stratificationsizecode	stratification size code	discrete	numeric	
V307	stratificationsectorcode	stratification sector code	discrete	numeric	
V308	stratificationpanelcode	panel code	discrete	numeric	
V309	wstrict	Weight according to strict eligibility	contin	numeric	
V310	wmedian	Weight according to median eligibility	contin	numeric	
V311	wweak	Weight according to weak eligibility	contin	numeric	
V312	strata	see notes	contin	numeric	





## WEB STD FIRMID (idstd)

### File: kenya\_2018\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 6  
Decimals: 0  
Range: 628582-629582

Valid cases: 1001  
Invalid: 0  
Minimum: 628582  
Maximum: 629582

## Firm ID (id)

### File: kenya\_2018\_full\_data

#### Overview

Type: Discrete  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2-4951

Valid cases: 1001  
Invalid: 0  
Minimum: 2  
Maximum: 4951

#### Literal question

Questionnaire Number

## Industry Sampling Sector (a4a)

### File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
Invalid: 0

#### Literal question

Sampling Information - Sampling sector

## Sampling Size (a6a)

### File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
Invalid: 0

#### Literal question

Sampling Information - Sampling size

## Sampling Region (a2)

### File: kenya\_2018\_full\_data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-10

Valid cases: 1001  
 Invalid: 0

#### Literal question

Sampling Information - Sampling location

## Industry Screener Sector (a4b)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

Screener Information - Screener sector

## Questionnaire (a0)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

Screener Information - Module

## Region of The Establishment (a3a)

File: kenya\_2018\_full\_data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-10

Valid cases: 1001  
 Invalid: 0

#### Literal question

Screener Information - Screener region

## Screener Size (a6b)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.6 Screener Size

Day (a14d)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1  
 Maximum: 31

**Literal question**

A.14 Time face-to-face interview begins: Day(dd)

Month (a14m)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.14 Time face-to-face interview begins: Month(mm)

Year (a14y)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2018-2019

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.14 Time face-to-face interview begins: Year(yyyy)

Hour (a14h)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 2-19

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.14 Time face-to-face interview begins: Hour (00 to 23)

## Minutes (a14min)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0  
 Minimum: 0  
 Maximum: 59

**Literal question**

A.14 Time face-to-face interview begins: Minutes(00 to 59)

## Country Code (a1)

File: kenya\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 94-94

Valid cases: 1001  
 Invalid: 0

## Interviewer Number (a12)

File: kenya\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: character  
 Width: 6

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.12 Interviewer code

## Language of The Interview (a1a)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

Screener Information - Language

## Sample Frame Level (a1c)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

Sampling Information - Frame level

### Establishment part of a multi-establishment Firm? (a7)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

Screener Information - Multi-establishment firm

### Number of Establishments In The Firm (a7a)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -9-197

Valid cases: 182  
 Invalid: 819

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 182  
 Invalid: 819

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 143  
 Invalid: 858

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 134  
Invalid: 867

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 39  
Invalid: 962

## Close Year of The Last Completed Fiscal Year (a20y)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 2017-2018

Valid cases: 1001  
Invalid: 0

### Literal question

A.20 On which calendar date did the last completed fiscal year end? Year

## Close Month of The Last Completed Fiscal Year (a20m)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

A.20 On which calendar date did the last completed fiscal year end? Month

## Close Day of The Last Completed Fiscal Year (a20d)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1  
 Maximum: 31

#### Literal question

A.20 On which calendar date did the last completed fiscal year end? Day

## Legal Status of The Firm (b1)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

B.1 What is this firm's current legal status?

#### Post question

If 3, GO TO B.2

#### Interviewer instructions

PLEASE NOTE WHEN b1 IS 3 (SOLE PROPRIETORSHIP), ENTER 100% FOR QUESTION b3.

## Other (Specify) (b1x)

File: kenya\_2018\_full\_data

#### Overview

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

#### Literal question

B.1 What is this firm's current legal status? Other (spontaneous - specify)

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

B.3 What percentage of this firm does the largest owner or owners own?

#### Interviewer instructions

INTERVIEWER: PLEASE NOTE WHEN b1 IS 3 (SOLE PROPRIETORSHIP), ENTER 100% FOR QUESTION b3.

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

B.2 What percentage of this firm is owned by each of the following:  
 - Private domestic individuals, companies or organizations

**Post question**

IF 100% END INTERVIEW

**Interviewer instructions**

CHECK THAT TOTAL SUMS TO 100% UNLESS RESPONDENT DOES NOT KNOW

## % Owned By Private Foreign Individuals, Companies or organizations (b2b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

B.2 What percentage of this firm is owned by each of the following:  
 - Private foreign individuals, companies or organizations

**Post question**

IF 100% END INTERVIEW

**Interviewer instructions**

CHECK THAT TOTAL SUMS TO 100% UNLESS RESPONDENT DOES NOT KNOW

## % Owned By Government/State (b2c)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: -9-83

Valid cases: 1001  
 Invalid: 0

**Literal question**

B.2 What percentage of this firm is owned by each of the following:  
 - Government or State

**Post question**

IF 100% END INTERVIEW

**Interviewer instructions**

CHECK THAT TOTAL SUMS TO 100% UNLESS RESPONDENT DOES NOT KNOW

## % Owned By Other (b2d)

File: kenya\_2018\_full\_data



**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

B.2 What percentage of this firm is owned by each of the following:  
 - Other

**Post question**

IF 100% END INTERVIEW

**Interviewer instructions**

CHECK THAT TOTAL SUMS TO 100% UNLESS RESPONDENT DOES NOT KNOW

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

B.4 Amongst the owners of the firm, are there any females?

**Post question**

If 2 or -9, GO TO KENB.1

**Interviewer instructions**

PLEASE NOTE WHEN b1 IS 3 (SOLE PROPRIETORSHIP) and b4 is 1 (FIRM HAS A FEMALE OWNER), ENTER 100% FOR QUESTION b4a.

## % of The Establishment Owned By Females (b4a)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 453  
 Invalid: 548

**Literal question**

B.4a What percentage of the firm is owned by females?

**Interviewer instructions**

INTERVIEWER: PLEASE NOTE WHEN b1 IS 3 (SOLE PROPRIETORSHIP) and b4 is 1 (FIRM HAS A FEMALE OWNER), ENTER 100% FOR QUESTION b4a.

## What Percentage of This Firm Is Owned By The Same Family? (KENb1)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENB.1. What percentage of this firm is owned by the same family? (If more than one family, refer to the one with largest ownership)

## What Percentage of This Firm Is Owned By The Indian or Kenyan of Indian Descent? (KENb2)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENB.2. What percentage of this firm is owned by Indians or Kenyan of Indian descent?

## Year Establishment Began Operations (b5)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-2018

Valid cases: 1001  
 Invalid: 0

#### Literal question

B.5 In what year did this establishment begin operations?

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

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-1978

Valid cases: 1001  
 Invalid: 0

#### Literal question

B.6 How many full-time employees did this establishment employ when it started operations? Please include all employees and managers.

#### Interviewer instructions

INTERVIEWER: INCLUDE RESPONDENT WHEN APPLICABLE

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

B.6a Was this establishment formally registered when it began operations?

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2018

Valid cases: 1001  
Invalid: 0

### Literal question

B.6b In what year was this establishment formally registered?

### Post question

If -7, TERMINATE

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

File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: -9-65

Valid cases: 1001  
Invalid: 0

### Literal question

B.7 How many years of experience working in this sector does the Top Manager have?

## Is The Top Manager Female? (b7a)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

B.7a Is the Top Manager female?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

B.8 Does this establishment have an internationally-recognized quality certification?

### Post question

If 2 or -9, GO TO KENB.3

### Interviewer instructions

SOME EXAMPLES ARE ISO 9000 or 14000, or HACCP

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

File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 91

Valid cases: 212  
Invalid: 0

### Literal question

B.8 Does this establishment have an internationally-recognized quality certification? Other specify

## Member of Formal Organization Or Association? (KENb3)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENB.3. Is this establishment, or the firm to which it belongs, part of a formally registered business membership organization, trade association, guild, or chamber of commerce?

## Member of Unregistered Business Association, Network, or Business Support Group? (KENb4)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENB.4. Is this establishment, or the firm to which it belongs, part of an unregistered business association, network, or business support group?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

C.3 Over the last two years, did this establishment submit an application to obtain an electrical connection?

### Post question

If 2 or -9, GO TO C.6

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-730

Valid cases: 120  
Invalid: 881

### Literal question

C.4 In reference to that application for an electrical connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 120  
Invalid: 881

### Literal question

C.5 In reference to that application for an electrical connection, was an informal gift or payment expected or requested?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

C.6 Over fiscal year [Insert last complete fiscal year], did this establishment experience power outages?

#### Post question

If 2 or -9, GO TO C.10

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

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -9-240

Valid cases: 885  
 Invalid: 116

#### Literal question

C.7 In a typical month, over fiscal year [Insert last complete fiscal year], how many power outages did this establishment experience?

#### Post question

If 0 or -9, GO TO C.9

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 849  
 Invalid: 152

#### Literal question

C.8 How long did these power outages last on average? Hours

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

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: -9-59

Valid cases: 849  
 Invalid: 152

#### Literal question

C.8 How long did these power outages last on average? Minutes

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 810  
Invalid: 191

### Literal question

C.9 Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses.

- Loss as percentage of total annual sales due to power outages

## In Last FY, Value of Losses Due To Power Outages (c9b)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 75  
Invalid: 926

### Literal question

C.9 Please estimate the losses that resulted from power outages either as a percentage of total annual sales or as total annual losses.

- Annual losses due to power outages

## Generator Shared or Owned Over The Course of Last Fiscal Year? (c10)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

C.10 Over the course of fiscal year [Insert last complete fiscal year], did this establishment own or share a generator?

### Post question

If 2 or -9, GO TO C.12

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 680  
Invalid: 321

### Literal question

C.11 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's electricity came from a generator or generators that the establishment owned or shared?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

C.12 Over the last two years, did this establishment submit an application to obtain a water connection?

### Post question

If 2 or -9, GO TO C.15

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 94  
Invalid: 907

### Literal question

C.13 In reference to that application for a water connection, approximately how many days did it take to obtain it from the day of the application to the day the service was received?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 94  
Invalid: 907

### Literal question

C.14 In reference to that application for a water connection, was an informal gift or payment expected or requested?

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

File: kenya\_2018\_full\_data

### Overview



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

Valid cases: 455  
 Invalid: 546

#### Literal question

C.15 Over fiscal year [Insert last complete fiscal year], did this establishment experience insufficient water supply for production?

#### Post question

If 2 or -7 or -9, GO TO C.22b

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 134  
 Invalid: 867

#### Literal question

C.16 In a typical month, over fiscal year [Insert last complete fiscal year], how many incidents of insufficient water supply did this establishment experience?

#### Post question

If 0 or -9, GO TO C.22b

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 130  
 Invalid: 871

#### Literal question

C.17 How long did these incidents of insufficient water supply last on average?

## Establishment Has Its Own Website (c22b)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

C.22b At the present time, does this establishment have its own website?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

C.30 Using the response options on the card; To what degree is Electricity an obstacle to the current operations of this establishment?

## Establishment's Main Product/Service Last FY (d1a1a)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

D.1a1. In fiscal year [Insert last complete fiscal year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales?

### Interviewer instructions

PLEASE RECORD THE DESCRIPTION OF THE ACTIVITY AND PRODUCT IN DETAIL, FOR EXAMPLE, "LEATHER SHOE MANUFACTURING" NOT JUST SHOE MANUFACTURING".

IF D1A1A IS SERVICES SELECT (2-6), REVIEW TO ENSURE CORRECT MODULE IS BEING ASKED

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

File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 132

Valid cases: 1001

### Literal question

D.1a1. In fiscal year [Insert last complete fiscal year], what was this establishment's main activity and product, that is, the activity and product that represented the largest proportion of annual sales? Detailed description of main activity and product

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

D.1a3 What percentage of total sales does the main activity or product represent?

#### Interviewer instructions

PLEASE NOTE THAT THE NEXT QUESTION REFERS TO THE TOTAL SALES OF ALL PRODUCTS AND SERVICES

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

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 12  
 Decimals: 0  
 Range: -9-425000000000

Valid cases: 1001  
 Invalid: 0

#### Literal question

D.2 In fiscal year [Insert last complete fiscal year], what were this establishment's total annual sales for all products and services?

Please Also Write Out The Number (d2x)

File: kenya\_2018\_full\_data

#### Overview

Type: Discrete  
 Format: character  
 Width: 103

Valid cases: 894

#### Literal question

D.2 In fiscal year [Insert last complete fiscal year], what were this establishment's total annual sales for all products and services? PLEASE ALSO WRITE OUT THE NUMBER (i.e. 50,000 AS FIFTY THOUSAND)

What Were The Establishment Sales 3 Years Ago (n3)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: -9-400000000000

Valid cases: 1001  
 Invalid: 0

#### Literal question

N.3 Looking back to fiscal year [Insert last complete fiscal year minus two], what were total annual sales for this establishment?

% of Sales: National Sales (d3a)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

D.3 Coming back to fiscal year [Insert last complete fiscal year], what percentage of this establishment's sales were:  
 - National sales

#### Post question

IF 100, GO TO D.10

## % O Sales: Indirect Exports (d3b)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

D.3 Coming back to fiscal year [Insert last complete fiscal year], what percentage of this establishment's sales were:  
 - Indirect exports (sold domestically to third party that exports products)

#### Post question

IF 100, GO TO D.8

## % of Sales: Direct Exports (d3c)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

D.3 Coming back to fiscal year [Insert last complete fiscal year], what percentage of this establishment's sales were:  
 - Direct exports

#### Post question

IF 0, GO TO D.8

#### Interviewer instructions

CHECK THAT TOTAL SUMS TO 100% UNLESS RESPONDENT DOES NOT KNOW

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 141  
 Invalid: 860

**Literal question**

D.4 In fiscal year [Insert last complete fiscal year], when this establishment exported goods directly, how many days did it take on average from the time this establishment's goods arrived at their main point of exit (e.g., port, airport) until the time these goods cleared customs?

**Post question**

If -7, GO TO D.8

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 136  
Invalid: 865

**Literal question**

D.5a In reference to when this establishment exported goods directly, in clearing these goods through customs was an informal gift or payment expected or requested?

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

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2018

Valid cases: 309  
Invalid: 692

**Literal question**

D.8 In which year did this establishment first export directly or indirectly?

**Interviewer instructions**

PROVIDE FOUR DIGITS FOR YEAR

## In Last FY, % of Value of Products Lost In Transit Due To Theft (d10)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
Invalid: 0

**Literal question**

D.10 In fiscal year [Insert last complete fiscal year], what percentage of the value of products this establishment shipped to supply domestic markets was lost while in transit because of theft?

**Post question**

If -7, GO TO D.12

## In Last FY, % of Value of Products Lost In Transit Due To Breakage or Spoilage? (d11)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 805  
Invalid: 196

### Literal question

D.11 In fiscal year [Insert last complete fiscal year], what percentage of value of products this establishment shipped to supply domestic markets was lost while in transit because of breakage or spoilage?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

D.12 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's purchases of material inputs or supplies were:  
- Of domestic origin

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

D.12 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's purchases of material inputs or supplies were:  
- Of foreign origin

### Post question

IF 0, GO TO D.30

### Interviewer instructions

CHECK THAT TOTAL SUMS TO 100% UNLESS RESPONDENT DOES NOT KNOW

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 463  
 Invalid: 538

**Literal question**

D.13 Were any of the material inputs or supplies purchased in fiscal year [Insert last complete fiscal year] imported directly?

**Post question**

IF 2 or -9, GO TO D.30

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 255  
 Invalid: 746

**Literal question**

D.14 In fiscal year [Insert last complete fiscal year], 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?

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 255  
 Invalid: 746

**Literal question**

D.15a In reference to when this establishment imported material inputs or supplies, in claiming these goods from customs was an informal gift or payment expected or requested?

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

D.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Transport

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

D.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Customs and trade regulations

## What Happened When Problem In The Production Process/Service Provision Arose? (r1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

R.1. Over the last complete fiscal year [Insert last complete fiscal year], what best describes what happened at this establishment when a problem in the production process arose?

### Interviewer instructions

SELECT "DOES NOT APPLY" (-7) IF THERE WERE NO PROBLEMS IN THE PRODUCTION PROCESS IN THE LAST COMPLETE FISCAL YEAR

## Did This Establishment Monitor Any Production/Service Performance Indicators? (r2)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

R.2. Over the last complete fiscal year [Insert last complete fiscal year], did this establishment monitor any performance indicators?

### Post question

If 2 or -9, GO TO R.4



## How Many Production/Service Performance Indicators Were Monitored? (r3)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 590  
Invalid: 411

### Literal question

R.3. Over the last complete fiscal year [Insert last complete fiscal year], how many indicators were monitored at this establishment?

## Did This Establishment Have Production/Service Provision Targets? (r4)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

R.4. Over the last complete fiscal year [Insert last complete fiscal year], did this establishment have production targets? Examples of production targets are: production volume, quality, efficiency, waste, or on-time delivery.

### Post question

If 2 or -9, GO TO R.8

## What Best Describes The Time Frame of Production/Service Provision Targets? (r5)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 711  
Invalid: 290

### Literal question

R.5. Over the last complete fiscal year [Insert last complete fiscal year], what best describes the time frame of production targets at this establishment?

## How Easy To Achieve Its Production/Service Provision Targets? (r6)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 711  
 Invalid: 290

#### Literal question

R.6. Over the last complete fiscal year [Insert last complete fiscal year], how easy or difficult was it for this establishment to achieve its production targets overall?

## Who Was Aware of The Production/Service Provision Targets At This Establishment? (r7)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 711  
 Invalid: 290

#### Literal question

R.7. Over the last complete fiscal year [Insert last complete fiscal year], who was aware of the production targets at this establishment?

## Was There Performance Bonuses Based On Production/Service Provision Targets? (r8)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

R.8. Over the last complete fiscal year [Insert last complete fiscal year], did this establishment have performance bonuses for managers that were based on production targets?

#### Post question

If 2 or -9, GO TO R.10

## What Were Managers' Performance Bonuses Usually Based On? (r9)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 360  
 Invalid: 641

#### Literal question

R.9. Over the last complete fiscal year [Insert last complete fiscal year], what were managers' performance bonuses mostly based on?

#### Interviewer instructions

IF THE ESTABLISHMENT IS NOT PART OF A MULTI-ESTABLISHMENT FIRM (A7 IS NO), THEN OPTION 3 DOES NOT APPLY

## What Was The Primary Way Non-Managers Were Promoted? (r10)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

R.10. Over the last complete fiscal year [Insert last complete fiscal year], what was the primary way non-managers were promoted at this establishment?

### Interviewer instructions

SELECT "DOES NOT APPLY" (-7) IF THERE WERE NO PROMOTIONS OF NON-MANAGERS IN THE LAST COMPLETE FISCAL YEAR

## When Was An Under-Performing Non-Manager Reassigned or Dismissed? (r11)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

R.11. Over the last complete fiscal year [Insert last complete fiscal year], when was an under-performing non-manager reassigned or dismissed?

### Interviewer instructions

SELECT "DOES NOT APPLY" (-7) IF THERE WERE NO UNDER-PERFORMING NON-MANAGERS IN THE LAST COMPLETE FISCAL YEAR

## In Last FY, Main Market For Establishment's Main Product (e1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 455  
Invalid: 546

### Literal question

E.1 In fiscal year [Insert last complete fiscal year], which of the following was the main market in which this establishment sold its main product?

### Post question

IF -9, GO TO E.6

## Competitors For The Main Product/Service In The Main Market (e2b)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 455  
 Invalid: 546

#### Literal question

E.2 In fiscal year [Insert last complete fiscal year], for the main market in which this establishment sold its main product, how many competitors did this establishment's main product face?

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 455  
 Invalid: 546

#### Literal question

E.6 Does this establishment at present use technology licensed from a foreign-owned company, excluding office software?

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

E.11 Does this establishment compete against unregistered or informal establishments?

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

E.30 Using the response options on the card; To what degree are Practices of Competitors in the Informal Sector an obstacle to the current operations of this establishment?

## New Products/Services Introduced Over Last 3 Yrs (h1)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

H.1 During the last three years, has this establishment introduced new or improved products or services?

**Post question**

If 2 or -9, GO TO H.5

## New Products/Services Also New For The Establishment's Main Market (h2)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 468  
 Invalid: 533

**Literal question**

H.2 Were any of the new or improved products or services also new for the establishment's main market?

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

File: kenya\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: character  
 Width: 148

Valid cases: 468

**Literal question**

H.3 Please describe in detail the main new or improved product or service that this establishment introduced during the last three years.

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

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

File: kenya\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: character  
 Width: 184

Valid cases: 468

**Literal question**

H.4 Please describe in detail how the main new or improved product or service is different than the most similar product or service, if any, previously produced by this establishment.

**Interviewer instructions**

IF THERE IS NOTHING SIMILAR ENTER "COMPLETELY NEW".

## During Last 3 Yrs, Establishment Introduced New/Significantly Improved Process (h5)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

H.5 During the last three years, has this establishment introduced any new or improved process? These include:

- methods of manufacturing products or offering services;
- logistics, delivery, or distribution methods for inputs, products, or services; or supporting activities for processes?

### Post question

If 2 or -9, GO TO H.8

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

File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 244

Valid cases: 263

### Literal question

H.6 Please describe in detail the main new or improved process that this establishment introduced during the last three years. The main innovative process is the innovative process that had the largest impact on the operations of the establishment during the last three years.

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

File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
Format: character  
Width: 244

Valid cases: 263

### Literal question

H.7 Please describe in detail how the main new or improved process is different than the most similar process that is or was used by this establishment

## During Last Fiscal Year, Establishment Spent On R&D (Excl Market Research)? (h8)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

H.8 During last fiscal year, did this establishment spend on research and development activities, either in-house or contracted with other companies, excluding market research surveys?

#### Post question

IF 2 or -9, GO TO KENH.1

## How Much Spent On R&D, Either In-House or External? (h9)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-1000000000

Valid cases: 192  
Invalid: 809

#### Literal question

H.9 During last fiscal year, how much did this establishment spend on research and development activities, either in-house or contracted with other companies?

## Introduced Innovation From Strategic Alliance With Other Organization? (KENh1a)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 546  
Invalid: 455

#### Literal question

KENH.1. Over the last THREE years, has this establishment introduced product or process innovations resulting from any of the following?:

- Strategic alliance with other organizations

## Establishment Introduced Innovation From Collaboration And Codevelopment? (KENh1b)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 546  
Invalid: 455

#### Literal question

KENH.1. Over the last THREE years, has this establishment introduced product or process innovations resulting from any of the following?:

- Collaboration and co-development with other organizations

## Establishment Introduced Innovation From Acquisition of Other Companies? (KENh1c)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 546  
 Invalid: 455

**Literal question**

KENH.1. Over the last THREE years, has this establishment introduced product or process innovations resulting from any of the following?:

- Acquisition of other companies

## Establishment Apply For Patent Concerning Any Product or Process Innovation? (KENh2a)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

KENH.2. Over the last THREE years, did this establishment:

- Apply for a patent concerning any product or process innovation

## Establishment Apply For Register And Industrial Design? (KENh2b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

KENH.2. Over the last THREE years, did this establishment:

- Register an industrial design

## Establishment Apply For Trademark? (KENh2c)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

KENH.2. Over the last THREE years, did this establishment:

- Apply for a trademark



## Establishment Apply For A Copyright? (KENh2d)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENH.2. Over the last THREE years, did this establishment:

- Apply for a copyright

## What Was The Main Reason Why This Establishment Did Not Apply For A Patent? (KENh3)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 926  
Invalid: 75

### Literal question

KENH.3. What was the main reason why this establishment did not apply for a patent for a product or process innovation over the last three years?

## Establishment License Out Any Patent On Its Product or Process Innovation? (KENh4a)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?:

- Patent on its product or process innovation

## Establishment License Out Any Registered Industrial Design? (KENh4b)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?:

- Registered industrial design

## Establishment License Out Any Trademark? (KENh4c)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?:  
- Trademark

## Establishment License Out Any Copyright? (KENh4d)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENH.4. Over the last THREE years, did this establishment license out to other companies any of the following?:  
- Copyright

## Training For The Development or Introduction of New Products or Processes? (KENh5)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENH.5. Over the last THREE years, did this establishment provide formal training to any of its employees specifically for the development and/or introduction of new products or new processes?

## Used Incubation Labs By The Government, Universities, or Private Sector? (KENh6)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENH.6. Over the last THREE years, has this establishment used any of the incubation labs set up by the government, universities, or private sector?

**Post question**

If 2 or -9, GO TO QUESTION KENH.8

Rate The Services offered By These Incubation Labs In Supporting Innovation? (KENh7)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 133  
Invalid: 868

**Literal question**

KENH.7. Using the response options on the card, overall how do you rate the services offered by these incubation labs in supporting this establishment's efforts on innovation?

Most Important Source of Information, Ideas or Advice for Technological Upgrade? (KENh8)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
Invalid: 0

**Literal question**

KENH.8. Which of the following is the most important source of information, ideas or advice regarding technological upgrade for this establishment?

How Much of An Obstacle To Technological Upgrading: Lack of Skilled Manpower (KENh9a)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
Invalid: 0

**Literal question**

KENH.9. Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to technological upgrading of this establishment?  
- Lack of skilled manpower

How Much of An Obstacle To Technological Upgrading: Financial Constraint (KENh9b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENH.9. Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to technological upgrading of this establishment?  
 - Financial constraints

## Obstacle To Technological Upgrading: Incompatibility With Existing Technology (KENh9c)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENH.9. Using the response options on the card; To what degree is/are [INSERT OPTION] an obstacle to technological upgrading of this establishment?  
 - Incompatibility with existing technology

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 455  
 Invalid: 546

#### Literal question

F.1 In fiscal year [Insert last complete fiscal year], what was this establishment's output produced as a percentage of the maximum output possible if using all the resources available (capacity utilization)?

## Number of Hours Per Week Operated By The Establishment In Last Fiscal Year (f2)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 455  
 Invalid: 546

#### Literal question

F.2 In fiscal year [Insert last complete fiscal year], how many hours per week did this establishment normally operate?

#### Interviewer instructions

RESPONSE CANNOT BE GREATER THAN 168 HOURS

## Did Not Produce More Due To: Lack of Demand For Its Product or Services? (KENf1a)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 455  
Invalid: 546

### Literal question

KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more:

- Lack of demand for its products or services

## Did Not Produce More Due To: Insufficient Material Inputs? (KENf1b)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 455  
Invalid: 546

### Literal question

KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more:

- Insufficient material inputs

## Did Not Produce More Due To: Obsolete Machinery Equipment? (KENf1c)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 455  
Invalid: 546

### Literal question

KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more:

- Obsolete machinery equipment

## Did Not Produce More Due To: Uncertainty About Future Market Prospects? (KENf1d)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 455  
 Invalid: 546

#### Literal question

KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more:

- Uncertainty about future market prospects

## Did Not Produce More Due To: Political Uncertainty? (KENf1e)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 455  
 Invalid: 546

#### Literal question

KENF.1. Referring to fiscal year [insert last completed fiscal year], please indicate if each of the following is a reason why this establishment did not produce more:

- Political uncertainty

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

G.6 Of the buildings occupied by this establishment, what percentage is:

- Owned by this establishment

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

G.1 Of the land occupied by this establishment, what percentage is:

- Owned by this establishment

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

G.2 Over the last two years, did this establishment submit an application to obtain a construction-related permit?

### Post question

If 2 or -9, GO TO G.30

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 175  
Invalid: 826

### Literal question

G.3 In reference to that application for a construction-related permit, approximately how many days did it take to obtain it from the day of the application to the day the permit was granted?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 175  
Invalid: 826

### Literal question

G.4 In reference to that application for a construction-related permit, was an informal gift or payment expected or requested?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 198  
Invalid: 803

**Literal question**

G.5 What is the total selling area of this establishment?

**Post question**

If -9, GO TO G30

**Interviewer instructions**

ASK THE FOLLOWING QUESTION ONLY FOR RETAIL ESTABLISHMENTS. OTHERWISE GO TO G.30

The Area Is Measured In: (g5b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 130  
 Invalid: 871

**Literal question**

G.5 What is the total selling area of this establishment? Specify units

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

File: kenya\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: character  
 Width: 17

Valid cases: 10  
 Invalid: 0

**Literal question**

G.5 What is the total selling area of this establishment? Specify units (other)

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

G.30 Using the response options on the card; To what degree is Access to Land an obstacle to the current operations of this establishment?

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

File: kenya\_2018\_full\_data

**Overview**



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

Valid cases: 1001  
 Invalid: 0

#### Literal question

I.1 In fiscal year [Insert last complete fiscal year], did this establishment pay for security, for example equipment, personnel, or professional security services including internet security?

#### Post question

IF 2 or -9, GO TO I.3

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 539  
 Invalid: 462

#### Literal question

I.2 In fiscal year [Insert last complete fiscal year], what percentage of this establishment's total annual sales was paid for security, or what was the total annual cost of security?

- Percentage of total annual sales for security

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

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: -9-7200000000

Valid cases: 303  
 Invalid: 698

#### Literal question

I.2 In fiscal year [Insert last complete fiscal year], what percentage 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

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

I.3 In fiscal year [Insert last complete fiscal year], did this establishment experience losses as a result of theft, robbery, vandalism, arson on this establishment's premises or from internet hacking or fraudulent internet transactions?

#### Post question

IF 2 or -9, GO TO I.30

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 168  
Invalid: 833

### Literal question

I.4 In fiscal year [Insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism, arson, internet hacking or fraudulent internet transactions that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses?  
- Losses as percentage of total annual sales

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 67  
Invalid: 934

### Literal question

I.4 In fiscal year [Insert last complete fiscal year], what were the estimated losses as a result of theft, robbery, vandalism, arson, internet hacking or fraudulent internet transactions that occurred on this establishment's premises either as a percentage of total annual sales or as total annual losses?  
- Total annual value of losses

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

I.30 Using the response options on the card; To what degree is Crime, Theft and Disorder an obstacle to the current operations of this establishment?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

- Internal funds or retained earnings

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

- Borrowed from banks: private and state-owned

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

- Borrowed from non-bank financial institutions which include microfinance institutions, credit cooperatives, credit unions, or finance companies

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?

- Purchases on credit from suppliers and advances from customers

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

K.3 Over fiscal year [Insert last complete fiscal year], please estimate the proportion of this establishment's working capital, that is the funds available for day-to-day operations, that was financed from each of the following sources?  
- Other, moneylenders, friends, relatives, etc.

## % of Working Capital from Saving And Credit Cooperative (SACCO) (KENk1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 44  
Invalid: 957

### Literal question

KENK.1. Please estimate the proportion of this establishment's working capital that was financed by Saving and Credit Cooperative Organizations (SACCOs) during [insert last complete fiscal year]

## % of Working Capital from Government Grants (KENk2)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 106  
Invalid: 895

### Literal question

KENK.2. Please estimate the proportion of this establishment's working capital that was financed by Government grants such as Uwezo, Youth and Women Enterprise Development fund during[insert last complete fiscal year]

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

K.4 In fiscal year [Insert last complete fiscal year], did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?

#### Post question

IF 2 or -9, GO TO K.4b

## Total Annual Expenditure For Purchases of Equipment In Last FY (n5a)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 403  
Invalid: 598

### Literal question

N.5 In fiscal year [Insert last complete fiscal year], how much did this establishment spend on purchases of:  
- New or used machinery, vehicles, and equipment?

## Total Annual Expenditure For Purchases of Land And Buildings In Last FY (n5b)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-5000000000

Valid cases: 403  
Invalid: 598

### Literal question

N.5 In fiscal year [Insert last complete fiscal year], how much did this establishment spend on purchases of:  
- Land and buildings, including expansion and renovations of existing structures?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 375  
Invalid: 626

### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent)  
- Internal funds or retained earnings

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: -9-30000000

Valid cases: 28  
 Invalid: 973

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount)  
 - Internal funds or retained earnings

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 375  
 Invalid: 626

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent)  
 - Owners' contribution or issued new equity shares

## Fixed Assets - Value Owners' Contribution or Issued New Equity Shares (k5i1)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: -9-5000000

Valid cases: 28  
 Invalid: 973

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount)  
 - Owners' contribution or issued new equity shares

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 375  
 Invalid: 626

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent)  
 - Borrowed from banks: private and state-owned

## Fixed Assets - Value Borrowed From Banks (k5bc1)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -9-300000000

Valid cases: 28  
Invalid: 973

### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount)  
- Borrowed from banks: private and state-owned

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 375  
Invalid: 626

### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent)  
- Borrowed from non-bank financial institutions, which include microfinance institutions, credit cooperatives, credit unions, or finance companies

## Fixed Assets - Value Borrowed From Non-Bank Financial Institutions (k5e1)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 7  
Decimals: 0  
Range: -9-5700000

Valid cases: 28  
Invalid: 973

### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount)  
- Borrowed from non-bank financial institutions, which include microfinance institutions, credit cooperatives, credit unions, or finance companies

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 375  
 Invalid: 626

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent)

- Purchases on credit from suppliers and advances from customers

## Fixed Assets - Value Purchases On Credit From Suppliers, Advances From Customers (k5f1)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 28  
 Invalid: 973

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount)

- Purchases on credit from suppliers and advances from customers

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 375  
 Invalid: 626

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (percent)

- Other, moneylenders, friends, relatives, bonds, etc

## Fixed Assets - Value Other (k5hdj1)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 28  
 Invalid: 973

#### Literal question

K.5 Over fiscal year [Insert last complete fiscal year], please estimate the proportion or [Insert LCU] amount of this establishment's total purchases of fixed assets that were financed from the following sources: (amount)

- Other, moneylenders, friends, relatives, bonds, etc



## Purchase Any New/Used Fixed Assets? (k4b)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 455  
Invalid: 546

### Literal question

K.4b In fiscal year [Insert last complete fiscal year minus one], did this establishment purchase any new or used fixed assets, such as machinery, vehicles, equipment, land or buildings, including expansion and renovations of existing structures?

### Post question

If 2 or -9, GO TO K.6

## Total Annual Expenditure For Purchases of Equipment In Year Prior To Last FY (n5c)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-7200000000

Valid cases: 140  
Invalid: 861

### Literal question

N.5c In fiscal year [Insert last complete fiscal year minus one], how much did this establishment spend on purchases of:  
- New or used machinery, vehicles, and equipment

## Total Annual Expenditure On Land And Buildings In Year Prior To Last FY (n5d)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 140  
Invalid: 861

### Literal question

N.5d In fiscal year [Insert last complete fiscal year minus one], how much did this establishment spend on purchases of:  
- Land and buildings

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

K.6 At this time, does this establishment have a checking (current) or savings account?

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

K.7 At this time, does this establishment have an overdraft facility?

## Establishment Has A Line of Credit or Loan From A Financial Institution? (k8)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

K.8 At this time, does this establishment have a line of credit or a loan from a financial institution?

#### Post question

If 2 or -9, GO TO K.15d

## Type of Financial Institution That Granted The Line of Credit or Loan (k9)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 381  
 Invalid: 620

#### Literal question

K.9 Referring to the most recent line of credit or loan, what type of financial institution granted this loan?

#### Post question

If 3, 4 or -9, GO TO K.10

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2018

Valid cases: 381  
Invalid: 620

### Literal question

K.10 Referring only to this most recent line of credit or loan, in what year was the most recent line of credit or loan approved?

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-50000000000

Valid cases: 381  
Invalid: 620

### Literal question

K.11 Referring only to this most recent line of credit or loan, what was its value at the time of approval?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 381  
Invalid: 620

### Literal question

K.13. Referring only to this most recent line of credit or loan, did the financing require collateral?

### Post question

If 2 or -9, GO TO K.15b

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 271  
Invalid: 730

### Literal question

K.14 Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Land, buildings under ownership of the establishment

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 271  
Invalid: 730

### Literal question

K.14 Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Machinery and equipment including movables

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 271  
Invalid: 730

### Literal question

K.14 Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Accounts receivable and inventories

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 271  
Invalid: 730

### Literal question

K.14 Referring only to this most recent line of credit or loan, what type of collateral was required?  
- Personal assets of owner (house, etc.)

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 271  
Invalid: 730

### Literal question

K.14 Referring only to this most recent line of credit or loan, what type of collateral was required?  
 - Other forms of collateral not included in the categories above

## Value of Collateral Required For The Most Recent Credit/Loan (k15a) File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: -9-8500000000

Valid cases: 271  
 Invalid: 730

### Literal question

K.15a Referring only to this most recent line of credit or loan, what was the approximate value of the collateral required?

## Total Number of Open Lines of Credit and Outstanding Loans (k15b) File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 381  
 Invalid: 620

### Literal question

K.15b What is the total number of open lines of credit and outstanding loans held by this establishment?

### Post question

If -9, GO TO K.15d

## Outstanding Balance of All Open Lines of Credit And Loans (k15c) File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 323  
 Invalid: 678

### Literal question

K.15c What is the total outstanding balance of all open lines of credit and loans held by this establishment?

## Outstanding Personal Loans Used To Finance Establishment's Business Activities? (k15d) File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

### Literal question

K.15d At this time, does the owner or owners of this establishment have any outstanding personal loans that are used to finance this establishment's business activities?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

K.16 Referring again to the last fiscal year [Insert last complete fiscal year], did this establishment apply for any lines of credit or loans?

### Post question

If 1, GO TO K.20; If -9, GO TO K.21

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 733  
Invalid: 268

### Literal question

K.17 What was the main reason why this establishment did not apply for any line of credit or loan?

### Post question

If 1 to 7 or -9, GO TO K.21

## What Was The Outcome of That Most Recent Application For Loan/Line of Credit? (k20a1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 239  
Invalid: 762

### Literal question

K.20 Referring only to this most recent application for a line of credit or loan, what was the outcome of that application?

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

K.21 In fiscal year [Insert last complete fiscal year], did this establishment have its annual financial statements checked and certified by an external auditor?

## Demand For Bank Credit Increase Following The Interest Rate Cap In 2016? (KENk3)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

KENK.3. Did this establishment's demand for bank credit increase following the interest rate cap introduced in 2016?

## What Was The Outcome of That Application For Most Recent Line of Credit or Loan? (KENk4)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

KENK.4. Overall, how did the 2016 interest rate cap affect this establishment's access to credit?

**Post question**

If 2, 3, or -9, GO TO QUESTION K.30

## Coping Mechanism for impact of Interest Rate Cap On Access To Credit? (KENk5)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 145  
 Invalid: 856

**Literal question**

KENK.5. What is the main coping mechanism of this establishment to deal with the negative effect of the interest rate cap on its access to credit?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

K.30 Using the response options on the card; To what degree is Access to Finance an obstacle to the current operations of this establishment?

## Does This Establishment Use Mobile Money For Any of Its Financial Transactions? (MMs1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

MMS.1. In its current operations, does this establishment use mobile money for any of its financial transactions?

### Post question

If 2 or -9, GO TO QUESTION MMS.11

## Main Reason Started Using Mobile Money For Any of Its Financial Transactions (MMs2)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 686  
Invalid: 315

### Literal question

MMS.2. Please indicate the main reason this establishment started using mobile money for any of its financial transactions.

## In The Last FY, Did This Establishment Use Mobile Money To Pay Its Employees? (MMs3)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 686  
Invalid: 315

### Literal question



MMS.3. In the last complete fiscal year, did this establishment use mobile money to pay its employees?

**Post question**

If 2 or -9, GO TO QUESTION MMS.5

## % of Total Labor Cost Paid Using Mobile Money (MMs4)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 137  
Invalid: 864

**Literal question**

MMS.4. In the last complete fiscal year, what percentage of total labor cost (salaries and wages of its employees) was paid by this establishment using mobile money?

## In The Last FY, Did This Establishment Use Mobile Money To Pay Its Suppliers? (MMs5)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 686  
Invalid: 315

**Literal question**

MMS.5. In the last complete fiscal year, did this establishment use mobile money to pay its suppliers?

**Post question**

If 2 or -9, GO TO QUESTION MMS.7

## % Annual Costs of Raw Materials Paid Using Mobile Phone Money (MMs6)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 271  
Invalid: 730

**Literal question**

MMS.6. In the last complete fiscal year, what percentage of the total annual cost of raw materials and intermediate goods (suppliers' bills) was paid by this establishment using mobile money?

## Did This Establishment Use Mobile Money To Pay The Utility Bills? (MMs7)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 686  
 Invalid: 315

**Literal question**

MMS.7. In the last complete fiscal year, did this establishment use mobile money to pay the utility bills of the enterprise?

**Post question**

If 2 or -9, GO TO QUESTION MMS.9

## % Annual Costs of Utilities Paid Using Mobile Phone Money (MMs8)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 324  
 Invalid: 677

**Literal question**

MMS.8. In the last complete fiscal year, what percentage of the total annual cost of utilities (utilities companies' bills) was paid by this establishment using mobile money?

## Did Establishment Use Mobile Money To Receive Payments From Customers? (MMs9)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 686  
 Invalid: 315

**Literal question**

MMS.9. In the last complete fiscal year, did this establishment use mobile money to receive payments from customers?

**Post question**

If 2 or -9, GO TO QUESTION J.1

## % Annual Sales Received To Receive Payments For Customers (MMs10)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 592  
 Invalid: 409

**Literal question**

MMS.10. In the last complete fiscal year, what percentage of annual sales did this establishment receive from customers using mobile money?

## In The Last FY, Did This Establishment Use Mobile Money To Access Loans? (MMs12)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 592  
Invalid: 409

### Literal question

MMS.12. In the last complete fiscal year, did this establishment use mobile money to access loans?

### Post question

If 1 or 2 or -9, GO TO QUESTION J.1

## Main Reason Establishment Doesn't Use Mobile Money For Financial Transactions (MMs11)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 315  
Invalid: 686

### Literal question

MMS.11. Please indicate the main reason why this establishment doesn't use mobile money for financial transactions

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.1 Please tell me if you Strongly disagree, Tend to disagree, Tend to agree, or Strongly agree with the statement: "The court system is fair, impartial and uncorrupted".

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.2 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 or sales workers.)

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.3 Over the last year, was this establishment visited or inspected by tax officials or required to meet with them?

### Post question

If 2 or -9, GO TO KENJ.1

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 645  
Invalid: 356

### Literal question

J.4 Over the last year, how many times was this establishment visited or inspected by tax officials or required to meet with them?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 645  
Invalid: 356

### Literal question

J.5 In any of these inspections or meetings was a gift or informal payment expected or requested?

## Establishment Visited or Inspected By Government officials For Non-Tax Purpose? (KENj1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENJ.1. Over the last year, was this establishment visited or inspected by government officials for compliance with any government regulations other than for tax purpose?

#### Post question

If 2 or -9, GO TO J.6a

## How Many Times Was Establishment Visited or Inspected By Government officials? (KENj2)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 645  
 Invalid: 356

#### Literal question

KENJ.2. Over the last year, how many times was this establishment visited or inspected by government officials for compliance with any government regulations other than for tax purpose?

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

J.6a Over the last year, has this establishment secured or attempted to secure a government contract?

#### Post question

IF 2 or -9, GO TO J.7

## % of Contract Value In Informal Gifts To Govt To Secure Contract? (j6)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 237  
 Invalid: 764

#### Literal question

J.6 When establishments like this one do business with the government, what percent of the contract value would be typically paid in informal payments or gifts to secure the contract?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 992  
Invalid: 9

### Literal question

J.7 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 percentage 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?

- Percentage of total annual sales paid as informal payment

## Total Annual Informal Payment (j7b)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 6  
Decimals: 0  
Range: -9-200000

Valid cases: 9  
Invalid: 992

### Literal question

J.7 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 percentage 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

## Has This Establishment Succeeded In Securing A Government Contract? (KENj3)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

KENJ.3. Now, thinking about the last THREE years, has this establishment succeeded in securing a government contract, at the county or national level?

### Post question

If 2 or -9, GO TO KENJ.5

## Value of Most Recent Government Contract As % of Annual Sales For The Year (KENj4)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 160  
 Invalid: 841

#### Literal question

KENJ.4. Please estimate the total value of the most recent government contract as a percentage of total annual sales for that year?

## Establishment has Any Contract With The Government, That Was Late For Payment? (KENj5)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENJ.5. Over the past THREE years, was any of these contracts with the government, local or central, late for payment?

#### Post question

If 2 or -9, GO TO KENJ.7

## Number of Months Late In Making Payments (KENj6)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: -9-6000000

Valid cases: 123  
 Invalid: 878

#### Literal question

KENJ.6. On average, by how many months is the government late in making payments?

## Did Establishment Receive Any Government Contracts Under Affirmative Platform ? (KENj7)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENJ.7. Over the last THREE years, did this establishment receive any government contracts under the affirmative platform (i.e., procurement for enterprises owned by persons with disability (PWDs), women, youth and micro and small enterprises (MSEs))?

#### Post question

If 2 or -9, GO TO J10

## Contract Value Under Affirmative Action As A Percentage of Total Sales (KENj8)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 23  
Invalid: 978

### Literal question

KENJ.8. Please estimate the total value of the most recent government contract obtained by this establishment under the affirmative action platform as a percentage of total annual sales for that year?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.10 Over the last two years, did this establishment submit an application to obtain an import license?

### Post question

If 2 or -9, GO TO J.13

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: -9-500

Valid cases: 128  
Invalid: 873

### Literal question

J.11 Approximately how many days did it take to obtain this import license from the day of the application to the day it was granted?

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 128  
Invalid: 873



**Literal question**

J.12 In reference to that application for an import license, was an informal gift or payment expected or requested?

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
Invalid: 0

**Literal question**

J.13 Over the last two years, did this establishment submit an application to obtain an operating license?

**Post question**

If 2 or -9, GO TO KENJ.9

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 645  
Invalid: 356

**Literal question**

J.14 Approximately how many days did it take to obtain this operating license from the day of the application to the day it was granted?

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 645  
Invalid: 356

**Literal question**

J.15 In reference to that application for an operating license, was an informal gift or payment expected or requested?

Has This Establishment Used The Services of Any "Huduma Centre"? (KENj9)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENJ.9. Over the last THREE years, has this establishment used the services of any “Huduma Centre”?

#### Post question

If 2 or -9, GO TO KENJ.11

## How Do You Rate The Quality of Services offered By The “Huduma Centre”? (KENj10)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 290  
 Invalid: 711

#### Literal question

KENJ.10. Using the response options on the card, how do you rate the quality of services offered by the “Huduma Centre”? In case the services of more than one Huduma Center were used, please refer to the Center that provided the most recent service.

## Did The Land Tax Increase, Decrease, or Remain The Same? (KENj11a)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENJ.11. Thinking about county-level taxes and levies and comparing the year 2016 to 2012, did the [insert option] increase, decrease, or remain the same?  
 - Land tax

## Did The Cost of Single Business Permit Increase, Decrease, or Remain The Same? (KENj11b)

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

KENJ.11. Thinking about county-level taxes and levies and comparing the year 2016 to 2012, did the [insert option] increase, decrease, or remain the same?  
 - Cost of single business permit

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Tax Rates

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Tax administration

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Business licensing and permits

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Political instability

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Corruption

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

J.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Courts

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-6000

Valid cases: 1001  
Invalid: 0

### Literal question

L.1 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers.

Permanent, full-time employees are defined as all employees that are employed for a term of one or more fiscal years and/or have a guaranteed renewal of their employment and that work a full shift.

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-5500

Valid cases: 1001  
Invalid: 0

**Literal question**

L.2 Looking back, at the end of fiscal year [Insert last complete fiscal year minus two], how many permanent, full-time individuals worked in this establishment? Please include all employees and managers

## Num. Full-Time Employees At End of Last FY: Production Workers (I3a)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1550

Valid cases: 455  
Invalid: 546

**Literal question**

L.3 Coming back to fiscal year [Insert last complete fiscal year], at the end of the fiscal year, how many permanent, full-time individuals in this establishment were:

- Production workers

## Num. Full-Time Employees At End of Last FY: Non-Production Workers (I3b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 455  
Invalid: 546

**Literal question**

L.3 Coming back to fiscal year [Insert last complete fiscal year], at the end of the fiscal year, how many permanent, full-time individuals in this establishment were:

- Non-production workers [e.g., administration, sales]

## Num. of Permanent, Full-Time Highly Skilled Production Workers, Last FY (I4a1)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1550

Valid cases: 455  
Invalid: 546

**Literal question**

L.4 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time production workers in this establishment were:

- In highly skilled jobs, that is professionals whose tasks require extensive theoretical and technical knowledge

## Num. of Permanent, Full-Time Semi Skilled Production Workers, Last FY (I4a2)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-1300

Valid cases: 455  
 Invalid: 546

**Literal question**

L.4 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time production workers in this establishment were:

- In semi-skilled jobs, that is technicians whose tasks require some level of mechanical or technical knowledge

## Num. of Permanent, Full-Time Unskilled Production Workers, Last FY (I4b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 455  
 Invalid: 546

**Literal question**

L.4 At the end of fiscal year [Insert last complete fiscal year], how many permanent, full-time production workers in this establishment were:

- In unskilled jobs, those whose tasks involve no specialized knowledge

## Num. Full-Time Employees At End of Last FY: Female Production Workers (I5a)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: -9-1550

Valid cases: 455  
 Invalid: 546

**Literal question**

L.5 At the end of fiscal year [Insert last complete fiscal year], in this establishment how many permanent, full-time workers in each of the following categories were female?

- Production workers

## Num. Full-Time Employees At End of Last FY: Female Non-Production Workers (I5b)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: -9-500

Valid cases: 455  
 Invalid: 546

**Literal question**

L.5 At the end of fiscal year [Insert last complete fiscal year], in this establishment how many permanent, full-time workers in each of the following categories were female?

- Non-production workers

## Num. Full-Time Employees At End of Last FY: Female (I5)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 546  
Invalid: 455

### Literal question

L.5 At the end of fiscal year [Insert last complete fiscal year], in this establishment how many permanent, full-time workers were female?

## Num. Full-Time Temporary Employees At End of Last FY (I6)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-2600

Valid cases: 1001  
Invalid: 0

### Literal question

L.6 How many full-time seasonal or temporary employees did this establishment employ during [Insert last complete fiscal year]?

Full-time, temporary workers are all short-term that is for less than a year, employees with no guarantee of renewal of employment and work full-time

### Post question

If 0 or -9, GO TO L.9b

## Female Temporary, Full-Time Workers Employed Throughout Last FY (I6a)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: -9-1650

Valid cases: 563  
Invalid: 438

### Literal question

L.6a How many full-time seasonal or temporary employees during fiscal year [Insert last complete fiscal year], were female?

## Avg. Length of Employment of All Full-Time Temporary Employees In Last FY (I8)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 563  
 Invalid: 438

**Literal question**

L.8 What was the average length of employment of all full-time seasonal or temporary employees in fiscal year [Insert last complete fiscal year]?

## % of Full Time Workers Completed High School End of Last FY (I9b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 866  
 Invalid: 135

**Literal question**

L.9b What percentage or how many of the full-time permanent workers employed at the end of fiscal year [Insert last complete fiscal year] completed secondary school? Please provide the percentage.  
 - Percentage or number of full time permanent workers who completed secondary school

## Number of Full Time Workers Completed High School (I9b1)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-475

Valid cases: 135  
 Invalid: 866  
 Minimum: 0  
 Maximum: 475

**Literal question**

L.9b What percentage or how many of the full-time permanent workers employed at the end of fiscal year [Insert last complete fiscal year] completed secondary school? Please provide the number.  
 - Number of full time permanent workers who completed secondary school

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

L.10 Over fiscal year [Insert last complete fiscal year], did this establishment have formal training programs for its permanent, full-time employees?

**Post question**

If 2 or -9, GO TO I30a



## % Permanent Full-Time Production Employees Received Formal Training In Last FY (I11a)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 172  
Invalid: 829

### Literal question

L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)  
- Production full-time permanent employees trained (percent)

## Training Programs Amount: Production Full-Time Permanent Employees Trained (I11a1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 20  
Invalid: 981

### Literal question

L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)  
- Production full-time permanent employees trained (number)

## % Permanent Fulltime Nonproduction Employees Received Formal Training In Last FY (I11b)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 177  
Invalid: 824

### Literal question

L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)  
- Non-production full-time permanent employees trained (percent)

## Training Programs Amount: Non-Production Full-Time Permanent Employees Trained (I11b1)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 15  
 Invalid: 986

#### Literal question

L.11 Referring to the training programs run over fiscal year [Insert last complete fiscal year], what percentage of permanent, full-time employees of the following categories received formal training? If easier please provide the total numbers (provide one or the other but not both)

- Non-production full-time permanent employees trained (number)

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

L.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Labor regulations

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

L.30 Using the response options on the card; To what degree are each of the following an obstacle to the current operations of this establishment?

- Inadequately educated workforce

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

File: kenya\_2018\_full\_data

#### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

By looking at the list of elements of the business environment please tell me which one, if any, currently represents the biggest obstacle faced by this establishment.

- Biggest obstacle

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-5000000000

Valid cases: 1001  
Invalid: 0

### Literal question

N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information:

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

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 11  
Decimals: 0  
Range: -9-36000000000

Valid cases: 455  
Invalid: 546

### Literal question

N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information:

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

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
Format: numeric  
Width: 10  
Decimals: 0  
Range: -9-3500000000

Valid cases: 1001  
Invalid: 0

### Literal question

N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information:

- Total annual cost of electricity

## Total Annual Cost of Finished Goods/Materials Bought To Resell In Last FY (n2i)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: -9-24000000000

Valid cases: 198  
 Invalid: 803

#### Literal question

N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information:

- Total annual cost of finished goods and materials purchased to resell

## Total Cost of Sales In Last FY (n2p)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: -9-50000000000

Valid cases: 455  
 Invalid: 546

#### Literal question

N.2 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year], please provide the following information:

- Total cost of sales

## Total Cost of Raw Materials And Intermediate Goods Used In Production (n2e1)

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: -9-29000000000

Valid cases: 455  
 Invalid: 546

#### Literal question

N.2e1 From this establishment's Income Statement for fiscal year [Insert last complete fiscal year minus one], please provide the total cost of raw materials and intermediate goods used in production.

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

File: kenya\_2018\_full\_data

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 13  
 Decimals: 0  
 Range: -9-171000000000

Valid cases: 455  
 Invalid: 546

#### Literal question

N.7 Hypothetically, if this establishment were to purchase all the machinery, vehicles, and equipment it uses now, in their current condition and regardless of whether the establishment owns them or not, how much would they cost, independently of whether they are owned, rented or leased?

## Day (a15d)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1  
 Maximum: 31

**Literal question**

A.15 Time face-to-face main interview ends: Day (dd)

## Month (a15m)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.15 Time face-to-face main interview ends: Month (mm)

## Year (a15y)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2018-2019

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.15 Time face-to-face main interview ends: Year (yyyy)

## Hour (a15h)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 2-20

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.15 Time face-to-face main interview ends: Hour (00 to 23)

## Minutes (a15min)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0  
 Minimum: 0  
 Maximum: 59

#### Literal question

A.15 Time face-to-face main interview ends: Minutes (00 to 59)

## Option That Best Describes The Main Respondents Position (a15a1a) File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

A.15a1 Please indicate which option best describes the main respondents position:

## Main Respondent Position In The Establishment (a15a1ax) File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 0  
 Invalid: 0

#### Literal question

A.15a1 Please indicate which option best describes the main respondents position: Other (specify)

## Main Respondent Years Working In The Establishment: (a15a2a) File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: -9-52

Valid cases: 1001  
 Invalid: 0

#### Literal question

A.15a Please complete the following information about the interviewee(s), Main respondent  
 - Years with the establishment

## Main Respondent's Gender (a15a3) File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
 Invalid: 0

#### Literal question

A.15a Please complete the following information about the interviewee(s), Main respondent  
 - Gender

## Second Respondent Position In The Establishment (a15a1bx)

File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
 Format: character  
 Width: 39

Valid cases: 74  
 Invalid: 0

### Literal question

A.15a Please complete the following information about the interviewee(s), Second respondent  
 - Position in the establishment

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

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: -9-37

Valid cases: 74  
 Invalid: 927

### Literal question

A.15a Please complete the following information about the interviewee(s), Second respondent  
 - Years with the establishment

## Second Respondent's Gender (a15b3)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 74  
 Invalid: 927

### Literal question

A.15a Please complete the following information about the interviewee(s), Second respondent  
 - Gender

## Third Respondent Position In The Establishment (a15a1cx)

File: kenya\_2018\_full\_data

### Overview

Type: Discrete  
 Format: character  
 Width: 20

Valid cases: 8  
 Invalid: 0

### Literal question

A.15a Please complete the following information about the interviewee(s), Third respondent  
 - Position in the establishment

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 8  
Invalid: 993

### Literal question

A.15a Please complete the following information about the interviewee(s), Third respondent  
- Years with the establishment

## Third Respondent's Gender (a15c3)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 8  
Invalid: 993

### Literal question

A.15a Please complete the following information about the interviewee(s), Third respondent  
- Gender

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

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

A.16. It is my perception that the responses to the questions regarding opinions and perceptions were:

## Responses To The Questions About Figures Areâ€¦ (a17)

File: kenya\_2018\_full\_data

### Overview

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

Valid cases: 1001  
Invalid: 0

### Literal question

A.17. The responses to the questions regarding figures (productivity and employment numbers) were:



## This Questionnaire Was Completed In: (a18)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.18. This questionnaire was completed in:

**Post question**

If 1, GO TO A17x

If Option 2 or 3 In A.18, Estimate Duration of The Whole Interview:  
Hours (a19h)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 111  
 Invalid: 890

**Literal question**

A.19. If option 2 or 3 in A.18, estimate duration of the whole interview - Hour

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

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-52

Valid cases: 111  
 Invalid: 890  
 Minimum: 0  
 Maximum: 52

**Literal question**

A.19. If option 2 or 3 in A.18, estimate duration of the whole interview - Minutes

## Supervisor Number (a13)

File: kenya\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: character  
 Width: 6

Valid cases: 1001  
 Invalid: 0

**Literal question**

A.13 Supervisor code

## official Capital City? (a3b)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

Is this city the official capital city?

## Main Business City? (a3c)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

Is this city the main business city?

## Size of Locality (a3)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

**Literal question**

Size of locality

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

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1511  
 Maximum: 7290

**Literal question**

D.1a2 PLEASE CHOOSE THE 4-DIGIT ISIC REV. 3.1 SECTOR CODE THAT BEST APPLIES TO THE ESTABLISHMENT'S MAIN ACTIVITY AND PRODUCT.

## stratification region code (stratificationregioncode)

File: kenya\_2018\_full\_data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-10

Valid cases: 1001  
 Invalid: 0

stratification size code (stratificationsizecode)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

stratification sector code (stratificationsectorcode)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

panel code (stratificationpanelcode)

File: kenya\_2018\_full\_data

**Overview**

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

Valid cases: 1001  
 Invalid: 0

Weight according to strict eligibility (wstrict)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 1-154.064910888672

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1  
 Maximum: 154.1

Weight according to median eligibility (wmedian)

File: kenya\_2018\_full\_data

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 1-148.776947021484

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1  
 Maximum: 148.8

## Weight according to weak eligibility (wweak)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 2  
 Range: 1-690.992553710938

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1  
 Maximum: 691

## see notes (strata)

File: kenya\_2018\_full\_data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-240

Valid cases: 1001  
 Invalid: 0  
 Minimum: 1  
 Maximum: 240

# Documentation

## Questionnaires

### The World Bank Enterprise Survey, Kenya Manufacturing Module (2018)

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Title The World Bank Enterprise Survey, Kenya Manufacturing Module (2018)  
 Author(s) The World Bank Group  
 Country Kenya  
 Language English  
 Filename Doc/Questionnaires/Manufacturing\_2018 Kenya ES.pdf

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### The World Bank Enterprise Survey, Kenya Services Module (2018)

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Title The World Bank Enterprise Survey, Kenya Services Module (2018)  
 Author(s) The World Bank Group  
 Country Kenya  
 Language English  
 Filename Doc/Questionnaires/Services\_2018 Kenya ES.pdf

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## Technical documents

### The Kenya 2018 Enterprise Surveys Data Set

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Title The Kenya 2018 Enterprise Surveys Data Set  
 Author(s) The World Bank Group  
 Country Kenya  
 Language English  
 Filename Doc/Technical/Kenya 2018 ES Implementation Report.pdf

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