

# KENYA - Small and Medium Enterprises (MSME) Survey 2016

**Kenya National Bureau of Statistics - Ministry of Planning and National  
development**

Report generated on: June 27, 2017

Visit our data catalog at: <http://statistics.knbs.or.ke/nada/index.php>

## Overview

### Identification

---

ID NUMBER  
DDI-KEN-KNBS-MSME-2016-v1.0

### Version

---

VERSION DESCRIPTION

PRODUCTION DATE  
2016-06-27

### Overview

---

#### ABSTRACT

The MSME sector in Kenya has over the years been recognized for its role in provision of goods and services, enhancing competition, fostering innovation, generating employment and in effect, alleviation of poverty. The crucial role of MSMEs is underscored in Kenya's Vision 2030 - the development blueprint which seeks to transform Kenya into an industrialized middle-income country, providing a high-quality life to all its citizens by the year 2030. The MSME sector has been identified and prioritized as a key growth driver for achievement of the development blue print.

The measurement of the size of the sector in terms of employment as well as its contribution to Gross Domestic Product [GDP] and the generation of income is of major importance. This is not only because of their usefulness in the design of appropriate policies and programmes but also in understanding their dynamics in terms of income, wages, growth patterns, sector and their evolving nature among others. MSMEs tend to be dynamic: the structure and their operations change considerably within a short time. The last comprehensive study is the 1999 National Micro and Small Enterprise (MSE) Baseline Survey. The 2016 National MSME Survey was therefore, designed to respond to the existing data gap and sought to provide data at national and county levels. The unit of observation was the establishments and the survey targeted those that engaged at most 99 persons. The terms establishment, enterprise and business are however, used interchangeably in this report.

#### KIND OF DATA

Census/enumeration data [cen]

#### UNITS OF ANALYSIS

- i) National
- ii) Counties and
- iii) Urban and rural residence

### Scope

---

#### NOTES

The Micro, Small and Medium Enterprises (MSMEs) are considered as sources of employment generation, economic growth, and social transformation. A significant proportion of the MSMEs are formal, while majority fall within the informal economy based on their size, location, ownership, status of formality and economic activity, together, as major job providers, they produce a significant share of total value added, and provide a large segment of the poor and middle-income populations with affordable goods and services. There is however limited or outdated data to inform MSME policy formulation and implementation.

## Coverage

### GEOGRAPHIC COVERAGE

- i) National
- ii) Counties and
- iii) Urban and rural residence

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Kenya National Bureau of Statistics	Ministry of Planning and National development

### FUNDING

Name	Abbreviation	Role
Kenya National Bureau of Statistics	KNBS	Funding of Operational Cost

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Kenya National Bureau of Statistics	KNBS	Ministry of Planning and National Development	Documentation of the Study

### DATE OF METADATA PRODUCTION

2017-06-27

### DDI DOCUMENT VERSION

MSME 2016 Version 1.0

### DDI DOCUMENT ID

DDI-KEN-KNBS-MSME-2016-v1.0

# Sampling

## Sampling Procedure

---

### Survey Design

The previous MSE studies used the household-based approach to identify businesses/establishments. However, the 2016 MSME survey, in addition to the household-based approach, interviewed businesses/establishments identified from business registers maintained by county governments. The 2016 MSME survey was cross-sectional and was designed to provide estimates at national and county levels. The survey used a representative probability sample design aimed at producing estimates at the following domains;

- National
- Counties and
- Urban and rural residence (For Unlicensed businesses only).

The survey adopted a stratified random sampling method for the establishment-based sample in which a systematic random sample of establishments was drawn using equal probability selection method. For the household-based sample, a two-stage stratified cluster sampling design was used where the first stage involved selection of 600 clusters (354 in rural and 246 in urban) with equal probability. In the second stage, a uniform random sample of 24 households in each cluster was selected using systematic random sampling method.

## Weighting

---

### Data Weighting

Weighting of the data was necessary since the selected samples were not self-weighting due to varying probabilities of selection across different strata. Separate weights were, therefore, computed for the various sets of data. The design weights for the licensed establishments incorporated the probabilities of selection of the establishments from the establishments sampling frame. The weights were further adjusted to cater for nonresponses.

Household weights were used for the unlicensed establishments as the latter were operating from the household. These weights incorporated the probabilities of selection of the clusters from the census EAs database into the NASSEP V sampling frame, the probabilities of selection of the MSME clusters from the frame and the probabilities of selection of the households from each of the sampled clusters. These weights were then adjusted to cater for household and individual non-response.

# Questionnaires

## **Overview**

---

One Enterprise questionnaire

## Data Collection

### Data Collection Dates

---

**Start**                      **End**                      **Cycle**

### Data Collection Mode

---

Face-to-face [f2f]

### Questionnaires

---

One Enterprise questionnaire

### Data Collectors

---

<b>Name</b>	<b>Abbreviation</b>	<b>Affiliation</b>
Kenya National Bureau of Statistics	KNBS	Ministry of Planning and National Development

# Data Processing

## Other Processing

---

### Data Capture and Processing

The 2016 MSME survey data was collected using tablets/CAPI. The data capture program was developed using SurveyCTO. This software was considered mainly due to its simplified user interface. It also has a random audio audit which records surveys as they are being conducted to ensure collection of high quality data. In addition, SurveyCTO allows export of data directly to spreadsheets and other statistical packages. The designed program also incorporated inbuilt data skips and check procedures to minimize data collection errors. The tablets were internet-enabled for real time data transmission to a central server. Once all the data was transmitted to the server, it was downloaded and merged into two distinct data files; the establishment-based and household-based data files. In each of the files, data cleaning such as checking for duplicates, missing records and outliers was carried out based on the developed editing specifications.

The final phase of processing was data outputs generation guided by a tabulation plan. This document guided the data processing team to produce outputs which sought to address survey objectives. Both STATA and SPSS softwares were used for data analysis.

# Data Appraisal

No content available



## File Description

# Variable List

## 2016 MSME Survey - Final establishments dataset with trainings data

Content  
 Cases 24164  
 Variable(s) 479  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

### Variables

ID	Name	Label	Type	Format	Question
V1	key3	Business owner id(to identify the owner/s training section 'ee'	discrete	character	
V2	key2	Unique Submission ID for the Establishment	discrete	character	
V3	ls_index	Business owner line number	discrete	character	
V4	a_41	Please enter the Business ID.	contin	numeric	
V5	county11		discrete	numeric	
V6	eb01_1	Section	discrete	numeric	
V7	eb01_2	EB01_2 Please select the ISIC Division.	discrete	numeric	
V8	eb03	EB03 Where is the business located?	discrete	numeric	
V9	eb04	EB04 How appropriate is the site with regards to getting customers?	discrete	numeric	
V10	eb05	EB05 What is the biggest risk of tenancy to this business site?	discrete	numeric	
V11	eb06	EB06 Who provides security for your business?	discrete	numeric	
V12	eb07	EB07 What is the type of the main structure?	discrete	numeric	
V13	eb08	EB08 What is the nature of ownership of this business site?	discrete	numeric	
V14	eb09	EB09 What is the nature of Occupancy of this business?	discrete	numeric	
V15	eb10	EB10 Please enter the number of months per year	contin	numeric	
V16	eb11	EB11 Please enter the number of days per week	contin	numeric	
V17	eb12	EB12 Please enter the number of hours per day	contin	numeric	
V18	eb13	EB13 Please enter the number of businesses	contin	numeric	
V19	eb14_1	Section	discrete	numeric	
V20	eb14_2	EB14_2 Please select the ISIC Division.	discrete	numeric	
V21	eb15	EB15 Please enter the number of businesses	contin	numeric	
V22	eb16_1	EB16 Who is the main decision maker for this business?	discrete	numeric	
V23	eb17	EB17 Has your business changed its main activity in the last 12 months?	discrete	numeric	
V24	eb18_1	Section	discrete	numeric	

ID	Name	Label	Type	Format	Question
V25	eb18_2	EB18_2 Please select the ISIC Division.	discrete	numeric	
V26	eb19	EB19 Why did you change from your previous business?	discrete	numeric	
V27	ec01	EC01 How many male working owners are there in the business?	contin	numeric	
V28	ec02	EC02 How many female working owners are there in the business?	contin	numeric	
V29	hhe_fulltime	Does the business employ any FULL TIME PAID employees?	discrete	numeric	
V30	ec03	EC03 Number of full time paid employees - Male - 5 - 12 years	discrete	numeric	
V31	ec04	EC04 Number of full time paid employees - Female - 5 - 12 years	discrete	numeric	
V32	ec05	EC05 Number of full time paid employees - Male -13 - 15 years	discrete	numeric	
V33	ec06	EC06 Number of full time paid employees - Female-13 - 15 years	discrete	numeric	
V34	ec07	EC07 Number of full time paid employees - Male -16 - 17 years	discrete	numeric	
V35	ec08	EC08 Number of full time paid employees - Female-16 - 17 years	discrete	numeric	
V36	ec09	EC09 Number of full time paid employees - Male - 18-35 years	contin	numeric	
V37	ec10	EC10 Number of full time paid employees - Female - 18-35 years	contin	numeric	
V38	ec11	EC11 Number of full time paid employees - Male - 36+ years	contin	numeric	
V39	ec12	EC12 Number of full time paid employees - Female - 36+ years	contin	numeric	
V40	hhe_unpaid_fam	Does the business employ any UNPAID FAMILY workers?	discrete	numeric	
V41	ec13	EC13 Number of unpaid family workers - Male- 5 - 12 years	discrete	numeric	
V42	ec14	EC14 Number of unpaid family workers - Female- 5 - 12 years	discrete	numeric	
V43	ec15	EC15 Number of unpaid family workers - Male -13 - 15 years	discrete	numeric	
V44	ec16	EC16 Number of unpaid family workers - Female -13 - 15 years	discrete	numeric	
V45	ec17	EC17 Number of unpaid family workers - Male -16 - 17 years	contin	numeric	
V46	ec18	EC18 Number of unpaid family workers - Female -16 - 17 years	contin	numeric	
V47	ec19	EC19 Number of unpaid family workers - Male- 18-35 years	contin	numeric	
V48	ec20	EC20 Number of unpaid family workers - Female - 18-35 years	contin	numeric	
V49	ec21	EC21 Number of unpaid family workers - Male- 36+ years	discrete	numeric	

ID	Name	Label	Type	Format	Question
V50	ec22	EC22 Number of unpaid family workers - Female - 36+ years	discrete	numeric	
V51	hhe_apprentice	Does the business employ any ATTACHEES, INTERNS OR APPRENTICE workers?	discrete	numeric	
V52	ec23	EC23 Number of apprentices - Male- 5 - 12 years	discrete	numeric	
V53	ec24	EC24 Number of apprentices - Female- 5 - 12 years	discrete	numeric	
V54	ec25	EC25 Number of apprentices - Male-13 - 15 years	discrete	numeric	
V55	ec26	EC26 Number of apprentices - Female-13 - 15 years	discrete	numeric	
V56	ec27	EC27 Number of apprentices - Male-16 - 17 years	discrete	numeric	
V57	ec28	EC28 Number of apprentices - Female-16 - 17 years	discrete	numeric	
V58	ec29	EC29 Number of apprentices - Male - 18-35 years	discrete	numeric	
V59	ec30	EC30 Number of apprentices - Female- 18-35 years	discrete	numeric	
V60	ec31	EC31 Number of apprentices - Male - 36+ years	discrete	numeric	
V61	ec32	EC32 Number of apprentices - Female- 36+ years	discrete	numeric	
V62	hhe_parttime	Does the business employ any PART TIME REGULAR workers?	discrete	numeric	
V63	ec33	EC33 Number of part-time regular employees - Male- 5 - 12 years	discrete	numeric	
V64	ec34	EC34 Number of part-time regular employees - Female - 5 - 12 years	discrete	numeric	
V65	ec35	EC35 Number of part-time regular employees - Male-13 - 15 years	discrete	numeric	
V66	ec36	EC36 Number of part-time regular employees - Female -13 - 15 years	discrete	numeric	
V67	ec37	EC37 Number of part-time regular employees - Male-16 - 17 years	discrete	numeric	
V68	ec38	EC38 Number of part-time regular employees - Female -16 - 17 years	discrete	numeric	
V69	ec39	EC39 Number of part-time regular employees - Male- 18-35 years	contin	numeric	
V70	ec40	EC40 Number of part-time regular employees - Female - 18-35 years	contin	numeric	
V71	ec41	EC41 Number of part-time regular employees - Male- 36+ years	contin	numeric	
V72	ec42	EC42 Number of part-time regular employees - Female - 36+ years	contin	numeric	
V73	ec43	EC43 Average hours worked per week - Male- 5 - 12 years	contin	numeric	
V74	ec44	EC44 Average hours worked per week - Female - 5 - 12 years	contin	numeric	
V75	ec45	EC45 Average hours worked per week - Male -13 - 15 years	contin	numeric	
V76	ec46	EC46 Average hours worked per week - Female -13 - 15 years	contin	numeric	
V77	ec47	EC47 Average hours worked per week - Male -16 - 17 years	contin	numeric	

ID	Name	Label	Type	Format	Question
V78	ec48	EC48 Average hours worked per week - Female -16 - 17 years	contin	numeric	
V79	ec49	EC49 Average hours worked per week - Male - 18-35 years	contin	numeric	
V80	ec50	EC50 Average hours worked per week - Female - 18-35 years	contin	numeric	
V81	ec51	EC51 Average hours worked per week - Male - 36+ years	contin	numeric	
V82	ec52	EC52 Average hours worked per week - Female - 36+ years	contin	numeric	
V83	hhe_casual	Does the business employ any CASUAL workers?	discrete	numeric	
V84	ec53	EC53 Number of casual employees - Male - 5 - 12 years	discrete	numeric	
V85	ec54	EC54 Number of casual employees - Female - 5 - 12 years	discrete	numeric	
V86	ec55	EC55 Number of casual employees - Male -13 - 15 years	discrete	numeric	
V87	ec56	EC56 Number of casual employees - Female -13 - 15 years	discrete	numeric	
V88	ec57	EC57 Number of casual employees - Male -16 - 17 years	discrete	numeric	
V89	ec58	EC58 Number of casual employees - Female -16 - 17 years	discrete	numeric	
V90	ec59	EC59 Number of casual employees - Male - 18-35 years	contin	numeric	
V91	ec60	EC60 Number of casual employees - Female - 18-35 years	contin	numeric	
V92	ec61	EC61 Number of casual employees - Male - 36+ years	contin	numeric	
V93	ec62	EC62 Number of casual employees - Female - 36+ years	contin	numeric	
V94	ec63	EC63 Enter the number of unionisable employees	contin	numeric	
V95	ec64	EC64 How do you resolve labour disputes?	discrete	numeric	
V96	ec65	EC65 Type of safety measures at the work place	discrete	character	
V97	ec65_1		discrete	character	
V98	ec65_2		discrete	character	
V99	ec65_3		discrete	character	
V100	ec65_4		discrete	character	
V101	ec66	EC66 What is the main method of recruiting persons under 18 years?	discrete	numeric	
V102	ec66_1	EC66_1 What is the secondary method of recruiting persons under 18 years?	discrete	numeric	
V103	hhe_schoolhalf	Does the business employ any workers that ATTEND SCHOOL FOR HALF A DAY?	discrete	numeric	
V104	ec67	EC67 Number of workers attending school - half day - Male - 5 - 12 years	discrete	numeric	
V105	ec68	EC68 Number of workers attending school - half day - Female - 5 - 12 years	discrete	numeric	
V106	ec69	EC69 Number of workers attending school - half day - Male -13 - 15 years	discrete	numeric	

ID	Name	Label	Type	Format	Question
V107	ec70	EC70 Number of workers attending school - half day - Female -13 - 15 years	discrete	numeric	
V108	ec71	EC71 Number of workers attending school - half day - Male -16 - 17 years	discrete	numeric	
V109	ec72	EC72 Number of workers attending school - half day - Female -16 - 17 years	discrete	numeric	
V110	ec73	C73 Number of workers attending school - half day - Male - 18+ years	contin	numeric	
V111	ec74	C74 Number of workers attending school - half day - Female - 18+ years	contin	numeric	
V112	hhe_schoolfull	Does the business employ any workers that ATTEND SCHOOL FOR A FULL DAY?	discrete	numeric	
V113	ec75	EC75 Number of workers attending school - full day - Male - 5 - 12 years	discrete	numeric	
V114	ec76	EC76 Number of workers attending school - full day - Female - 5 - 12 years	discrete	numeric	
V115	ec77	EC77 Number of workers attending school - full day - Male -13 - 15 years	discrete	numeric	
V116	ec78	EC78 Number of workers attending school - full day - Female -13 - 15 years	discrete	numeric	
V117	ec79	EC79 Number of workers attending school - full day - Male -16 - 17 years	discrete	numeric	
V118	ec80	EC80 Number of workers attending school - full day - Female -16 - 17 years	discrete	numeric	
V119	ec81	EC81 Number of workers attending school - full day - Male - 18+ years	discrete	numeric	
V120	ec82	EC82 Number of workers attending school - full day - Female - 18+ years	discrete	numeric	
V121	ec83	EC83 Please enter the number of persons the enterprise engages aged:- 5 - 12 yea	discrete	numeric	
V122	ec85	EC85 Please enter the number of persons the enterprise engages aged: -13 - 15 ye	discrete	numeric	
V123	ec87	EC87 Please enter the number of persons the enterprise engages aged: 16 - 17 yea	discrete	numeric	
V124	ec89	EC89 Please enter the number of persons the enterprise engages aged: 18-35 years	contin	numeric	
V125	ec90_1	EC90_1 Please enter the number of persons the enterprise engages aged: 36+ years	contin	numeric	
V126	ec91	EC91 Do you provide training for working persons under 18 years of age? And if s	discrete	numeric	
V127	ec92	EC92 Payment of Training for working persons under 18 years of age	discrete	numeric	
V128	hhe_extraprod	Does the business employ any workers in the HIGH SEASON or to meet EXTRA PRODUCT	discrete	numeric	
V129	ec93	EC93 How many workers do you engage during high season or to meet extra producti	discrete	numeric	
V130	ec95	EC95 How many workers do you engage during high season or to meet extra producti	discrete	numeric	

ID	Name	Label	Type	Format	Question
V131	ec97	C103 How many workers do you engage during high season or to meet extra producti	contin	numeric	
V132	ec99	C104 How many workers do you engage during high season or to meet extra producti	contin	numeric	
V133	ec94	EC93_1 How many workers do you engage during high season or to meet extra produc	discrete	numeric	
V134	ec96	C103 How many workers do you engage during high season or to meet extra producti	discrete	numeric	
V135	ec98	C103_1 How many workers do you engage during high season or to meet extra produc	discrete	numeric	
V136	ec100	C104_1 How many workers do you engage during high season or to meet extra produc	contin	numeric	
V137	ec101	C105 What is the main reason for using persons aged 5 - 17 yrs?	discrete	numeric	
V138	ed01	ED01 Number of MALE EMPLOYEES at the START of the establishment	contin	numeric	
V139	ed02	ED02 Number of FEMALE EMPLOYEES at the START of the establishment	contin	numeric	
V140	hhm_name_301	How many persons own /co-own/manage this establishment?	contin	numeric	
V141	edchk	What are the highest educational qualifications of your employees?	discrete	character	
V142	ef01_1	EF01_1 None	contin	numeric	
V143	ef01_2	EF01_2 CPE/KCPE	contin	numeric	
V144	ef01_3	EF01_3 KCE/KCSE	contin	numeric	
V145	ef01_4	EF01_4 KJSE	discrete	numeric	
V146	ef01_5	EF01_5 KACE/EAACE	contin	numeric	
V147	ef01_6	EF01_6 Certificate	contin	numeric	
V148	ef01_7	EF01_7 Diploma	contin	numeric	
V149	ef01_8	EF01_8 Higher Diploma	contin	numeric	
V150	ef01_9	EF01_9 Degree	contin	numeric	
V151	ef01_10	EF01_10 Post Graduate Diploma	discrete	numeric	
V152	ef01_11	EF01_11 Post Graduate Degree	contin	numeric	
V153	ef01_12	EF01_12 Other (Specify)	contin	numeric	
V154	vcchk	What are the highest vocational/proffessional qualifications of your employees?	discrete	character	
V155	ef02_1	EF02_1 None	contin	numeric	
V156	ef02_2	EF02_2 Artisan grade 1	contin	numeric	
V157	ef02_3	EF02_3 Artisan grade 2	contin	numeric	
V158	ef02_4	EF02_4 Artisan grade 3	contin	numeric	
V159	ef02_5	EF02_5 KATC	contin	numeric	
V160	ef02_6	EF02_6 CPA / CPS	contin	numeric	
V161	ef02_7	EF02_7 Teaching	contin	numeric	



ID	Name	Label	Type	Format	Question
V162	ef02_8	EF02_8 Nursing	contin	numeric	
V163	ef02_9	EF02_9 Computer packages	contin	numeric	
V164	ef02_10	EF02_10 Diploma	contin	numeric	
V165	ef02_11	EF02_11 Degree	contin	numeric	
V166	ef02_12	EF02_12 Post Graduate Diploma	contin	numeric	
V167	ef02_13	EF02_13 Post Graduate Degree	contin	numeric	
V168	ef02_14	EF02_14 Other (Specify)	contin	numeric	
V169	b_01	B_01 Do you have any employee who has undergone training in relation to their jo	discrete	numeric	
V170	emp_trained_i	Please enter the number of employees	contin	numeric	
V171	vdchk	What types of trainings have the employees received?	discrete	character	
V172	ef03_1	EF03_1 Management	contin	numeric	
V173	ef03_2	EF03_2 Technical/Advice	contin	numeric	
V174	ef03_3	EF03_3 Marketing	contin	numeric	
V175	ef03_4	EF03_4 Information Technology (ICT)	contin	numeric	
V176	ef03_5	EF03_5 Informal Advice/training	contin	numeric	
V177	ef03_6	EF03_6 Consultancy Advice	contin	numeric	
V178	ef03_7	EF03_7 Business Counseling	contin	numeric	
V179	ef03_8	EF03_8 Finance & Accounting	contin	numeric	
V180	ef03_12	EF03_12 Other (specify)	discrete	numeric	
V181	ef04_1	EF04_1 Management	discrete	numeric	
V182	ef04_2	EF04_2 Technical/Advice	discrete	numeric	
V183	ef04_3	EF04_3 Marketing	discrete	numeric	
V184	ef04_4	EF04_4 Information Technology (ICT)	discrete	numeric	
V185	ef04_5	EF04_5 Informal Advice/training	discrete	numeric	
V186	ef04_6	EF04_6 Consultancy Advice	discrete	numeric	
V187	ef04_7	EF04_7 Business Counseling	discrete	numeric	
V188	ef04_8	EF04_8 Finance & Accounting	discrete	numeric	
V189	ef04_12	EF04_12 Other (specify)	discrete	numeric	
V190	ef05_1	EF05_1 Management	discrete	numeric	
V191	ef05_2	EF05_2 Technical/Advice	discrete	numeric	
V192	ef05_3	EF05_3 Marketing	discrete	numeric	
V193	ef05_4	EF05_4 Information Technology (ICT)	discrete	numeric	
V194	ef05_5	EF05_5 Informal Advice/training	discrete	numeric	
V195	ef05_6	EF05_6 Consultancy Advice	discrete	numeric	
V196	ef05_7	EF05_7 Business Counseling	discrete	numeric	
V197	ef05_8	EF05_8 Finance & Accounting	discrete	numeric	
V198	ef05_12	EF05_12 Other (specify)	discrete	numeric	

ID	Name	Label	Type	Format	Question
V199	ef06	EF06 What is the MOST important Type of training required by the employees?	discrete	numeric	
V200	ef07	EF07 What is the 2ND MOST important Type of training required by the employees?	discrete	numeric	
V201	ef08	EF08 What is the 3RD MOST important Type of training required by the employees?	discrete	numeric	
V202	eg01_1	EG01 What has been the establishment's expenditure on Goodwill	contin	numeric	
V203	eg02_2	EG02 In which year did the business pay goodwill?	contin	numeric	
V204	eg03_1	EG03 What is the establishment's monthly expenditure on Rent	contin	numeric	
V205	eg04_1	EG04 What is the establishment's monthly expenditure on NSSF/Health Insurance	contin	numeric	
V206	eg05_1	EG05 What is the establishment's monthly expenditure on Electricity	contin	numeric	
V207	eg06_1	EG06 What is the establishment's monthly expenditure on Water	contin	numeric	
V208	eg07_1	EG07 What is the establishment's monthly expenditure on Telephone usage	contin	numeric	
V209	eg08_1	EG08 What is the establishment's monthly expenditure on Internet Costs	contin	numeric	
V210	eg09_1	EG09 What is the establishment's monthly expenditure on Insurance (Business)	contin	numeric	
V211	eg10_1	EG10 What is the establishment's monthly expenditure on Credit (interest and oth	contin	numeric	
V212	eg11_1	EG11 What is the establishment's monthly expenditure on Salaries and Wages	contin	numeric	
V213	eg12_1	EG12 What is the establishment's monthly expenditure on Purchases of business wa	contin	numeric	
V214	eg13_1	EG13 What is the establishment's monthly expenditure on Purchases of inputs and	contin	numeric	
V215	eg14_1	EG14 What is the establishment's monthly expenditure on Transport/storage and wa	contin	numeric	
V216	eg15_1	EG15 What is the establishment's monthly expenditure on Repairs/ maintenance	contin	numeric	
V217	eg16_1	EG16 What is the establishment's monthly expenditure on Licenses issued	contin	numeric	
V218	eg17_1	EG17 What is the establishment's monthly expenditure on Fines	contin	numeric	
V219	eg18_1	EG18 What is the establishment's monthly expenditure on Taxes	contin	numeric	
V220	eg19_1	EG19 What is the establishment's monthly expenditure on Advertising	contin	numeric	
V221	eg20_1	EG20 What is the establishment's monthly expenditure on Product innovation	contin	numeric	
V222	eg21_1	EG21 What is the establishment's monthly expenditure on Process innovation	contin	numeric	

ID	Name	Label	Type	Format	Question
V223	eg22_1	EG22 What is the establishment's monthly expenditure on Social Responsibility	contin	numeric	
V224	eg23_1	EG23 What is the establishment's monthly expenditure on Office supplies	contin	numeric	
V225	eg24_1	EG24 What is the establishment's monthly expenditure on Additional Equipment and	contin	numeric	
V226	eg25_1	EG25 What is the establishment's monthly expenditure on Other operating costs	contin	numeric	
V227	eh01_1	EH01 What was the revenue from total sales of goods and services last month (KSh	contin	numeric	
V228	eh02_1	EH02 What was the value of stocks (For non-service enterprises) at the beginning	contin	numeric	
V229	eh03_1	EH03 What was the value of stocks (For non-service enterprises) at the end of la	contin	numeric	
V230	eh04_1	EH04 In your opinion what is the net income from the business per month?	contin	numeric	
V231	eh06	EH06 What is the MOST important use of net income from the business?	discrete	numeric	
V232	eh07	EH07 What is the 2nd MOST important use of net income from the business?	discrete	numeric	
V233	eh08	EH08 What is the 3rd MOST important use of net income from the business?	discrete	numeric	
V234	eh09	EH09 How do you rank your business performance in the last one month?	discrete	numeric	
V235	eh10	EH10 Good (above average)	discrete	numeric	
V236	eh11	EH11 Normal	discrete	numeric	
V237	eh12	EH12 Bad (below average)	discrete	numeric	
V238	eh13	EH13 Compared to normal what is a good performance (1½,2,3,4 etc. times normal	contin	numeric	
V239	eh14	EH14 Compared to normal what is a bad performance (1/4,1/2,3/4 etc. times normal	contin	numeric	
V240	eh15_1	EH15 How much is normal monthly revenue from the business. (KShs.)	contin	numeric	
V241	eh16	EH16 Which is the best month of the business?	discrete	numeric	
V242	eh17	EH17 Which is the worst month of the business?	discrete	numeric	
V243	eh18	EH18 Was the last 3 months Period better or worse?	discrete	numeric	
V244	eh19	EH19 During the period 2013 to 2015, did you introduce new or significantly impr	discrete	numeric	
V245	eh20	EH20 During the period 2013 to 2015, did you introduce new or significantly impr	discrete	numeric	
V246	eh21	EH21 During the period 2013 to 2015, did you implement a new marketing method in	discrete	numeric	
V247	eh22_1	EH22 Please estimate the total turnover of goods and services in ( KSh) in 2015	contin	numeric	
V248	ej01	EJ01 What was the main reason for starting the business?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V249	ej02	EJ02 What was the main reason for choosing this particular activity?	discrete	numeric	
V250	ej03_1	EJ03 What is the MOST important Non-financial assistance received in the last 4	discrete	numeric	
V251	ej03_2	EJ03 What is the 2nd MOST important Non-financial assistance received in the las	discrete	numeric	
V252	ej04_1	EJ04 What is the MOST important Kind of non-financial assistance needed?	discrete	numeric	
V253	ej04_2	EJ04 What is the 2nd MOST important Kind of non-financial assistance needed?	discrete	numeric	
V254	ej05	EJ05 Which support group(s) do you belong to in relation to this business?	discrete	character	
V255	ej05x_1	MSEs associations	discrete	numeric	
V256	ej05x_2	Chamber of Commerce	discrete	numeric	
V257	ej05x_3	Other Business	discrete	numeric	
V258	ej05x_4	Merry-go- round	discrete	numeric	
V259	ej05x_5	ROSCAs	discrete	numeric	
V260	ej05x_6	Men/Women Association	discrete	numeric	
V261	ej05x_0	None	discrete	numeric	
V262	ej05x_96	Other (Specify)	discrete	numeric	
V263	ej06	EJ06 Which business records do you keep?	discrete	character	
V264	ej06x_0	None	discrete	numeric	
V265	ej06x_1	Cash sales and receipts	discrete	numeric	
V266	ej06x_2	Sales day book and monthly sales ledger	discrete	numeric	
V267	ej06x_3	Purchases day book & monthly purchases ledger	discrete	numeric	
V268	ej06x_4	Cashbook and petty cashbook	discrete	numeric	
V269	ej06x_6	Bank reconciliation statements	discrete	numeric	
V270	ej06x_7	Complete set of accounts	discrete	numeric	
V271	ej06x_8	External Accountancy Services	discrete	numeric	
V272	ej06x_9	Personal notes	discrete	numeric	
V273	ej06x_96	Other (Specify)	discrete	numeric	
V274	no_reports1		discrete	character	
V275	no_reports2		discrete	character	
V276	ej07	EJ07 What reports do you generate from your business records?	discrete	character	
V277	ej07a_1		discrete	character	
V278	ej07a_2		discrete	character	
V279	ej07a_3		discrete	character	
V280	ej07a_4		discrete	character	
V281	ej07a_5		discrete	character	

ID	Name	Label	Type	Format	Question
V282	ej08_1	EJ08 Approximately how many hours per week do you spend to generate those report	contin	numeric	
V283	ej09	EJ09 What type of bank account (s) do you have for the business?	discrete	character	
V284	ej09a_1		discrete	character	
V285	ej09a_2		discrete	character	
V286	ej09a_3		discrete	character	
V287	ej09a_4		discrete	character	
V288	ej10	EJ10 Do you use Mobile Money Platform in your establishment ?	discrete	numeric	
V289	ej11	EJ11 Does your business have a pay bill/ till number ?	discrete	numeric	
V290	ej12	EJ12 In which ways do you use mobile money transfer in your business?	discrete	character	
V291	ej12x_1	Pay for goods & services	discrete	numeric	
V292	ej12x_2	Receive payments	discrete	numeric	
V293	ej12x_3	Banking	discrete	numeric	
V294	ej12x_0	N / A (do not use)	discrete	numeric	
V295	ej12x_96	Other (Specify)	discrete	numeric	
V296	ej12x_98	Don't Know	discrete	numeric	
V297	ej12x_99	Refused To Respond	discrete	numeric	
V298	ej13	EJ13 What is the sex of the owners of the business	discrete	numeric	
V299	ej14	EJ14 What is the Type of ownership structure of this business?	discrete	numeric	
V300	ej15	EJ15 Is the Business Registered by registrar of companies?	discrete	numeric	
V301	ej17	EJ17 How are prices set ?	discrete	numeric	
V302	ej18	EJ18 What is the Main source of inputs / purchases ?	discrete	numeric	
V303	ej18_2	EJ18_2 What was the corresponding value of the inputs / purchases in 2015?	contin	numeric	
V304	ej19	EJ19 Who is the Main buyer of products or services ?	discrete	numeric	
V305	ej19_2	EJ19_2 What was the corresponding value of the products / services in 2015?	contin	numeric	
V306	ej20	EJ20 What contracting arrangements for inputs or orders received from clients do	discrete	numeric	
V307	ej21	EJ21 What contracted arrangement for your products or services does the business	discrete	numeric	
V308	ej22_1	EJ22 What is the primary method of advertisement of products and services	discrete	numeric	
V309	ej22_2	EJ22_2 What is the Secondary method of advertisement of products and services	discrete	numeric	
V310	ej23_1	EJ23 What is your primary customer feedback mechanism?	discrete	numeric	
V311	ej23_2	EJ23_2 What is your secondary customer feedback mechanism?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V312	ek01	EK01 What is your Main source of water?	discrete	numeric	
V313	ek01_2	EK01_2	discrete	character	
V314	ek02	EK02 Do you have access to a piped water ?	discrete	numeric	
V315	ek03	EK03 What is the distance to the nearest water pipeline?	discrete	numeric	
V316	ek04	EK04 Are you connected to piped water?	discrete	numeric	
V317	ek05	EK05 Have you applied for connection?	discrete	numeric	
V318	ek06	EK06 Give reasons why you have not applied for a connection	discrete	numeric	
V319	ek07	EK07 Give reasons for non-connection despite having applied for a connection	discrete	numeric	
V320	ek08	EK08 Do you have access to Electricity?	discrete	numeric	
V321	ek09	EK09 Is your establishment connected to electricity?	discrete	numeric	
V322	ek10	EK10 Have you applied for an electricity connection?	discrete	numeric	
V323	ek11	EK11 Give reasons for non-connection despite having applied for a connection	discrete	numeric	
V324	ek12	EK12 Give reasons why you have not applied for a connection	discrete	numeric	
V325	ek13	EK13 Did your establishment have a dedicated fixed / landline telephone for busi	discrete	numeric	
V326	ek14	EK14 Did your enterprise have a dedicated mobile telephone for business during t	discrete	numeric	
V327	ek15a	EK15a From which mobile service provider do you get sufficient network signal?	discrete	character	
V328	ek15a1_1		discrete	character	
V329	ek15a1_2		discrete	character	
V330	ek15a1_3		discrete	character	
V331	ek15a1_4		discrete	character	
V332	ek15a1_5		discrete	character	
V333	ek15b	EK15b For what purposes do you use the mobile phone?	discrete	character	
V334	ek16	EK16 Did your enterprise use a computer for official purpose(s) during the year	discrete	numeric	
V335	ek17	EK17 What was the computer used for?	discrete	character	
V336	ek17a_1		discrete	character	
V337	ek17a_2		discrete	character	
V338	ek17a_3		discrete	character	
V339	ek17a_4		discrete	character	
V340	ek17a_5		discrete	character	
V341	ek17a_6		discrete	character	
V342	ek18	EK18 What is the purpose of internet use?	discrete	character	
V343	ek18a_1		discrete	character	
V344	ek18a_2		discrete	character	

ID	Name	Label	Type	Format	Question
V345	ek18a_3		discrete	character	
V346	ek18a_4		discrete	character	
V347	ek18a_5		discrete	character	
V348	ek18a_6		discrete	character	
V349	ek19	EK19 Did your establishment seek the following government services via internet	discrete	character	
V350	ek19a_1		discrete	character	
V351	ek19a_2		discrete	character	
V352	ek19a_3		discrete	character	
V353	ek19a_4		discrete	character	
V354	ek19a_5		discrete	character	
V355	ek19a_6		discrete	character	
V356	ek19a_7		discrete	character	
V357	ek19a_8		discrete	character	
V358	ek20	EK20 Did your establishment have an active website in 2015?	discrete	numeric	
V359	ek21	EK21 What type of roads do you use to access your business?	discrete	numeric	
V360	ek22	EK22 What state are the roads you use to access your business?	discrete	numeric	
V361	ek23	EK23 What type of Toilet facilities do you access at your business?	discrete	numeric	
V362	ek24	EK24 What is the mode of solid waste (Garbage) disposal at your business?	discrete	numeric	
V363	ek25	EK25 What is the mode of effluent disposal at your business?	discrete	numeric	
V364	el01	EL01 How much initial capital was invested in the business?	contin	numeric	
V365	el02	EL02 What was the main source of initial capital?	discrete	numeric	
V366	el03	EL03 How much additional capital was invested after the start of the establishme	contin	numeric	
V367	el04	EL04 What was the establishment's MAIN source of additional capital?	discrete	numeric	
V368	el05	EL05 Please estimate the approximate current gross worth of the business	contin	numeric	
V369	el06_1	EL06_1 What was the MOST important other type of support received?	discrete	numeric	
V370	el06_2	EL06_2 What was the 2nd MOST important other type of support received?	discrete	numeric	
V371	el06_3	EL06_3 What was the 3rd MOST important other type of support received?	discrete	numeric	
V372	el07	EL07 What has been the source of technological advice?	discrete	numeric	
V373	el08	EL08 Does the business have any of the following types of ICT equipment?	discrete	character	

ID	Name	Label	Type	Format	Question
V374	el08x_0	None	discrete	numeric	
V375	el08x_1	Mobile Phone	discrete	numeric	
V376	el08x_2	Computer	discrete	numeric	
V377	el08x_3	Tablets / Phablets	discrete	numeric	
V378	el08x_4	Digital / Video Cameras	discrete	numeric	
V379	el08x_5	Radio	discrete	numeric	
V380	el08x_6	Television set	discrete	numeric	
V381	el08x_7	Fax	discrete	numeric	
V382	el08x_8	Photocopier	discrete	numeric	
V383	el08x_9	Printer	discrete	numeric	
V384	el08x_96	Other (Specify)	discrete	numeric	
V385	el09	EL09 What is the main reason why the business does not use ICT ?	discrete	numeric	
V386	el10	EL10 Electrically operated	contin	numeric	
V387	el11	EL11 Fuel Using	contin	numeric	
V388	el12	EL12 Human Powered	contin	numeric	
V389	el13	EL13 Animal Powered	discrete	numeric	
V390	machine_check		discrete	character	
V391	el15	EL15 Main Sources of electrically operated machines and equipment	discrete	numeric	
V392	el16	EL16 Main Sources of fuel using machines and equipment	discrete	numeric	
V393	el17	EL17 Main Sources of human powered machines and equipment.	discrete	numeric	
V394	el18	EL18 Main Sources of animal powered machines and equipment	discrete	numeric	
V395	el19	EL19 Electrically operated	discrete	numeric	
V396	el20	EL20 Fuel Using	discrete	numeric	
V397	el21	EL21 Human Powered	discrete	numeric	
V398	el22	EL22 Animal Powered	discrete	numeric	
V399	el23	EL23 Electrically operated	discrete	numeric	
V400	el24	EL24 Fuel Using	discrete	numeric	
V401	el25	EL25 Human Powered	discrete	numeric	
V402	el26	EL26 Animal Powered	discrete	numeric	
V403	em01	EM01 Did you apply for credit in the last three years?	discrete	numeric	
V404	em02	EM02 How much did you apply for in (KSh)?	contin	numeric	
V405	em03	EM03 How much did you receive?	contin	numeric	
V406	em04	EM04 What was the main credit source?	discrete	numeric	
V407	em05	EM05 What was the main Purpose of Credit ?	discrete	numeric	
V408	em06a	EM06a Was the credit adequate ?	discrete	numeric	



ID	Name	Label	Type	Format	Question
V409	em06b	EM06b Why was the amount of credit inadequate?	discrete	numeric	
V410	em07	EM07 What was main source of information on credit?	discrete	numeric	
V411	em08a	EM08a During the last 12 months, did you attempt to borrow some money?	discrete	numeric	
V412	em08b	EM08b Was your credit application turned down?	discrete	numeric	
V413	em09	EM09 Who turned you down?	discrete	numeric	
V414	em10_1	EM10_1 What was the MOST important reason why you did not attempt to borrow in t	discrete	numeric	
V415	em10_2	EM10_2 What was the 2nd MOST important reason why you did not attempt to borrow	discrete	numeric	
V416	em10_3	EM10_3 What was the 3rd MOST important reason why you did not attempt to borrow	discrete	numeric	
V417	em11	EM11 Does the business run a business account?	discrete	numeric	
V418	em12	EM12 in what type of institution is the business account?	discrete	numeric	
V419	em13	EM13 What was the MOST serious constraint to your business in the last one year	discrete	numeric	
V420	em14	EM14 What was the 2nd MOST serious constraint to your business in the last one y	discrete	numeric	
V421	em15	EM15 What was the 3rd MOST serious constraint to your business in the last one y	discrete	numeric	
V422	constraint_1		discrete	character	
V423	constraint_2		discrete	character	
V424	constraint_3		discrete	character	
V425	em16	EM16 What was the degree of the severity of constraint 1 - \${constraint_1}	discrete	numeric	
V426	em17	EM17 What was the degree of the severity of constraint 2 - \${constraint_2}	discrete	numeric	
V427	em18	EM18 What was the degree of the severity of constraint 3 - \${constraint_3}	discrete	numeric	
V428	em19	EM19 What is a perceived solutions to constraint 1 - \${constraint_1}	discrete	numeric	
V429	em20	EM20 What is a perceived solutions to constraint 2 - \${constraint_2}	discrete	numeric	
V430	em21	EM21 What is a perceived solutions to constraint 3 - \${constraint_3}	discrete	numeric	
V431	en01	Over the past five years, HAVE YOU closed any income-generating establishments t	discrete	numeric	
V432	en01b	EN01b How many income-generating establishments have you closed in the past 5 ye	discrete	numeric	
V433	setofclosed_enterprise1	SET-OF-closed_enterprise1	discrete	character	
V434	eb02	EB02 Date business was started or acquired?	discrete	character	
V435	ec84	EC84 Date started engaging persons aged- 5 - 12 years	discrete	character	
V436	ec86	EC86 Date started engaging persons aged -13 - 15 years	discrete	character	

ID	Name	Label	Type	Format	Question
V437	ec88	EC88 Date started engaging persons aged -16 - 17 years	discrete	character	
V438	ec90	EC90 Date started engaging persons aged - 18-35 years	discrete	character	
V439	ec90_2	EC90_2 Date started engaging persons aged -36+ years	discrete	character	
V440	merge_1		discrete	numeric	
V441	merge_wgt1		discrete	numeric	
V442	est_wgt	Establishment Weight	contin	numeric	
V443	merge_wgt2		discrete	numeric	
V444	merge_isic		discrete	numeric	
V445	merge_isic_eb01		discrete	numeric	
V446	merge_isic_eb14		discrete	numeric	
V447	merge_isic_eb18		discrete	numeric	
V448	chk2		discrete	character	
V449	chk3		discrete	character	
V450	chk4		discrete	character	
V451	chk5		discrete	character	
V452	chk6		discrete	character	
V453	ee01	EE01 What is the highest level of education completed by \${name_empl2}?	discrete	numeric	
V454	ee01_1	EE01_1 In which year did \${name_empl2} complete this highest level?	contin	numeric	
V455	ee02	EE02 What is the highest education qualification completed by \${name_empl2}?	discrete	numeric	
V456	ee03	EE03 What other vocational/ Professional training has \${name_empl2} attained?	discrete	numeric	
V457	ee04	EE04 Which type of Institution has \${name_empl2} attended?	discrete	numeric	
V458	train_number	Please enter the number of different types of training	contin	numeric	
V459	ee05	EE05 What was \${name_empl2}'s MOST important type of training received?	discrete	numeric	
V460	ee06	EE06 What was the duration of this training?	discrete	numeric	
V461	ee07	EE07 What type of institution did \${name_empl2} undertake this training?	discrete	numeric	
V462	ee08	EE08 Who sponsored this training?	discrete	numeric	
V463	ee09	EE09 What was \${name_empl2}'s 2nd MOST important type of training received?	discrete	numeric	
V464	ee10	EE10 What was the duration of this training?	discrete	numeric	
V465	ee11	EE11 What type of institution did \${name_empl2} undertake this training?	discrete	numeric	
V466	ee12	EE12 Who sponsored this training?	discrete	numeric	
V467	ee13	EE13 What was \${name_empl2} 3rd MOST important type of training received?	discrete	numeric	
V468	ee14	EE14 What was the duration of this training?	discrete	numeric	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V469	ee15	EE15 What type of institution did \${name_emp12}'s undertake this training?	discrete	numeric	
V470	ee16	EE16 Who sponsored this training?	discrete	numeric	
V471	ee17	EE17 What is the MOST important type of training required by \${name_emp12} ?	discrete	numeric	
V472	ee18	EE18 What is the 2nd MOST important type of training required by \${name_emp12}	discrete	numeric	
V473	merge_emp1		discrete	numeric	
V474	merge_emp		discrete	numeric	
V475	total_employees		contin	numeric	
V476	total_employ		discrete	numeric	
V477	total_males_emp		contin	numeric	
V478	total_females_emp		contin	numeric	
V479	tot_exp		contin	numeric	



Business owner id(to identify the owner/s training section 'ee' (key3)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 78	

Unique Submission ID for the Establishment (key2)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 41	

Business owner line number (ls\_index)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 22774
Format: character	Invalid: 0
Width: 3	

Please enter the Business ID. (a\_41)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 12	Minimum: 101000199
Decimals: 0	Maximum: 804003769
Range: 101000199-804003769	Mean: 497684547.5
	Standard deviation: 217924441.1

(county11)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 15	
Decimals: 0	
Range: 101-804	

## Section (eb01\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 128  
Decimals: 0  
Range: 1-21

Valid cases: 24164  
Invalid: 0

## EB01\_2 Please select the ISIC Division. (eb01\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 132  
Decimals: 0  
Range: 1-99

Valid cases: 24164  
Invalid: 0

## EB03 Where is the business located? (eb03)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 34  
Decimals: 0  
Range: -96-13

Valid cases: 24164  
Invalid: 0

## EB04 How appropriate is the site with regards to getting customers? (eb04)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: 1-5

Valid cases: 23748  
Invalid: 416

## EB05 What is the biggest risk of tenancy to this business site? (eb05)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EB05 What is the biggest risk of tenancy to this business site? (eb05)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
 Format: numeric  
 Width: 37  
 Decimals: 0  
 Range: -96-4

Valid cases: 23748  
 Invalid: 416

EB06 Who provides security for your business? (eb06)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 33  
 Decimals: 0  
 Range: -96-5

Valid cases: 23748  
 Invalid: 416

EB07 What is the type of the main structure? (eb07)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: -96-5

Valid cases: 23748  
 Invalid: 416

EB08 What is the nature of ownership of this business site? (eb08)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 28  
 Decimals: 0  
 Range: 0-4

Valid cases: 23748  
 Invalid: 416

EB09 What is the nature of Occupancy of this business? (eb09)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EB09 What is the nature of Occupancy of this business? (eb09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 23748
Format: numeric	Invalid: 416
Width: 28	
Decimals: 0	
Range: -96-7	

## EB10 Please enter the number of months per year (eb10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Continuous	Valid cases: 24109
Format: numeric	Invalid: 55
Width: 8	Minimum: 1
Decimals: 0	Maximum: 12
Range: 1-12	Mean: 11.8
Invalid: 101, 101	Standard deviation: 1

## EB11 Please enter the number of days per week (eb11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Continuous	Valid cases: 24151
Format: numeric	Invalid: 13
Width: 8	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	Mean: 6.3
Invalid: 11, 11	Standard deviation: 0.7

## EB12 Please enter the number of hours per day (eb12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Continuous	Valid cases: 24140
Format: numeric	Invalid: 24
Width: 8	Minimum: 1
Decimals: 0	Maximum: 24
Range: 1-24	Mean: 10.6
Invalid: 101, 101	Standard deviation: 3.2

## EB13 Please enter the number of businesses (eb13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
----------	--



EB13 Please enter the number of businesses (eb13)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous	Valid cases: 23781
Format: numeric	Invalid: 383
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1000
Range: 0-1000	Mean: 18.4
Invalid: 10001, 10001	Standard deviation: 36.1

Section (eb14\_1)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 128	
Decimals: 0	
Range: 1-21	

EB14\_2 Please select the ISIC Division. (eb14\_2)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 132	
Decimals: 0	
Range: 1-99	

EB15 Please enter the number of businesses (eb15)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23738
Format: numeric	Invalid: 426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 600
Range: 0-600	Mean: 8
Invalid: 1001, 1001	Standard deviation: 15.8

EB16 Who is the main decision maker for this business? (eb16\_1)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EB16 Who is the main decision maker for this business? (eb16\_1)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
 Format: numeric  
 Width: 25  
 Decimals: 0  
 Range: -96-3

Valid cases: 24164  
 Invalid: 0

EB17 Has your business changed its main activity in the last 12 months? (eb17)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-1

Valid cases: 24164  
 Invalid: 0

Section (eb18\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 128  
 Decimals: 0  
 Range: 1-21

Valid cases: 529  
 Invalid: 23635

EB18\_2 Please select the ISIC Division. (eb18\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 132  
 Decimals: 0  
 Range: 1-99

Valid cases: 529  
 Invalid: 23635

EB19 Why did you change from your previous business? (eb19)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EB19 Why did you change from your previous business? (eb19)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
 Format: numeric  
 Width: 27  
 Decimals: 0  
 Range: -96-6

Valid cases: 539  
 Invalid: 23625

## EC01 How many male working owners are there in the business? (ec01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-6000

Valid cases: 24164  
 Invalid: 0  
 Minimum: 0  
 Maximum: 6000  
 Mean: 1.3  
 Standard deviation: 40.5

## EC02 How many female working owners are there in the business? (ec02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-1500

Valid cases: 24164  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1500  
 Mean: 0.9  
 Standard deviation: 10.5

## Does the business employ any FULL TIME PAID employees? (hhe\_fulltime)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete  
 Format: numeric  
 Width: 35  
 Decimals: 0  
 Range: -99-3

Valid cases: 24164  
 Invalid: 0

EC03 Number of full time paid employees - Male - 5 - 12 years (ec03)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 8497  
 Invalid: 15667

EC04 Number of full time paid employees - Female - 5 - 12 years (ec04)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 7277  
 Invalid: 16887

EC05 Number of full time paid employees - Male -13 - 15 years (ec05)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 8497  
 Invalid: 15667

EC06 Number of full time paid employees - Female-13 - 15 years (ec06)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 7277  
 Invalid: 16887

EC07 Number of full time paid employees - Male -16 - 17 years (ec07)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

EC07 Number of full time paid employees - Male -16 - 17 years (ec07)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 8497
Format: numeric	Invalid: 15667
Width: 8	
Decimals: 0	
Range: 0-8	

EC08 Number of full time paid employees - Female-16 - 17 years (ec08)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 7277
Format: numeric	Invalid: 16887
Width: 8	
Decimals: 0	
Range: 0-3	

EC09 Number of full time paid employees - Male - 18-35 years (ec09)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 8497
Format: numeric	Invalid: 15667
Width: 8	Minimum: 0
Decimals: 0	Maximum: 780
Range: 0-780	Mean: 4.1
	Standard deviation: 16.5

EC10 Number of full time paid employees - Female - 18-35 years (ec10)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 7277
Format: numeric	Invalid: 16887
Width: 8	Minimum: 0
Decimals: 0	Maximum: 824
Range: 0-824	Mean: 3.5
	Standard deviation: 16

EC11 Number of full time paid employees - Male - 36+ years (ec11)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 8497
Format: numeric	Invalid: 15667
Width: 8	Minimum: 0
Decimals: 0	Maximum: 168
Range: 0-168	Mean: 1.2
	Standard deviation: 6.3

EC12 Number of full time paid employees - Female - 36+ years (ec12)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 7277
Format: numeric	Invalid: 16887
Width: 8	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 0.5
	Standard deviation: 2.8

Does the business employ any UNPAID FAMILY workers?  
 (hhe\_unpaid\_fam)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: -99-3	

EC13 Number of unpaid family workers - Male- 5 - 12 years (ec13)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1138
Format: numeric	Invalid: 23026
Width: 8	
Decimals: 0	
Range: 0-8	

EC14 Number of unpaid family workers - Female- 5 - 12 years (ec14)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1342
Format: numeric	Invalid: 22822
Width: 8	
Decimals: 0	
Range: 0-1	

EC15 Number of unpaid family workers - Male -13 - 15 years (ec15)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1138
Format: numeric	Invalid: 23026
Width: 8	
Decimals: 0	
Range: 0-8	

EC16 Number of unpaid family workers - Female -13 - 15 years (ec16)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1342
Format: numeric	Invalid: 22822
Width: 8	
Decimals: 0	
Range: 0-8	

EC17 Number of unpaid family workers - Male -16 - 17 years (ec17)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 1138
Format: numeric	Invalid: 23026
Width: 8	Minimum: 0
Decimals: 0	Maximum: 105
Range: 0-105	Mean: 0.2
	Standard deviation: 3.2

EC18 Number of unpaid family workers - Female -16 - 17 years (ec18)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EC18 Number of unpaid family workers - Female -16 - 17 years (ec18) File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous	Valid cases: 1342
Format: numeric	Invalid: 22822
Width: 8	Minimum: 0
Decimals: 0	Maximum: 105
Range: 0-105	Mean: 0.2
	Standard deviation: 3.3

## EC19 Number of unpaid family workers - Male- 18-35 years (ec19) File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 1138
Format: numeric	Invalid: 23026
Width: 8	Minimum: 0
Decimals: 0	Maximum: 84
Range: 0-84	Mean: 1.2
	Standard deviation: 4.5

## EC20 Number of unpaid family workers - Female - 18-35 years (ec20) File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 1342
Format: numeric	Invalid: 22822
Width: 8	Minimum: 0
Decimals: 0	Maximum: 72
Range: 0-72	Mean: 1.1
	Standard deviation: 4.2

## EC21 Number of unpaid family workers - Male- 36+ years (ec21) File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 1138
Format: numeric	Invalid: 23026
Width: 8	
Decimals: 0	
Range: 0-4	

## EC22 Number of unpaid family workers - Female - 36+ years (ec22) File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview



EC22 Number of unpaid family workers - Female - 36+ years (ec22)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-18

Valid cases: 1342  
 Invalid: 22822

Does the business employ any ATTACHEES, INTERNS OR APPRENTICE workers? (hhe\_apprentice)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 35  
 Decimals: 0  
 Range: -99-3

Valid cases: 24164  
 Invalid: 0

EC23 Number of apprentices - Male- 5 - 12 years (ec23)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 765  
 Invalid: 23399

EC24 Number of apprentices - Female- 5 - 12 years (ec24)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-3

Valid cases: 748  
 Invalid: 23416

EC25 Number of apprentices - Male-13 - 15 years (ec25)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EC25 Number of apprentices - Male-13 - 15 years (ec25)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 765
Format: numeric	Invalid: 23399
Width: 8	
Decimals: 0	
Range: 0-1	

EC26 Number of apprentices - Female-13 - 15 years (ec26)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Discrete	Valid cases: 748
Format: numeric	Invalid: 23416
Width: 8	
Decimals: 0	
Range: 0-8	

EC27 Number of apprentices - Male-16 - 17 years (ec27)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Discrete	Valid cases: 765
Format: numeric	Invalid: 23399
Width: 8	
Decimals: 0	
Range: 0-5	

EC28 Number of apprentices - Female-16 - 17 years (ec28)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Discrete	Valid cases: 748
Format: numeric	Invalid: 23416
Width: 8	
Decimals: 0	
Range: 0-4	

EC29 Number of apprentices - Male - 18-35 years (ec29)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
----------	--

EC29 Number of apprentices - Male - 18-35 years (ec29)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-18

Valid cases: 765  
 Invalid: 23399

EC30 Number of apprentices - Female- 18-35 years (ec30)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-18

Valid cases: 748  
 Invalid: 23416

EC31 Number of apprentices - Male - 36+ years (ec31)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-5

Valid cases: 765  
 Invalid: 23399

EC32 Number of apprentices - Female- 36+ years (ec32)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-3

Valid cases: 748  
 Invalid: 23416

Does the business employ any PART TIME REGULAR workers?  
 (hhe\_parttime)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Does the business employ any PART TIME REGULAR workers?  
(hhe\_parttime)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 35  
Decimals: 0  
Range: -99-3

Valid cases: 24164  
Invalid: 0

EC33 Number of part-time regular employees - Male- 5 - 12 years  
(ec33)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 700  
Invalid: 23464

EC34 Number of part-time regular employees - Female - 5 - 12 years  
(ec34)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 460  
Invalid: 23704

EC35 Number of part-time regular employees - Male-13 - 15 years  
(ec35)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 700  
Invalid: 23464

## EC36 Number of part-time regular employees - Female -13 - 15 years (ec36)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 460
Format: numeric	Invalid: 23704
Width: 8	
Decimals: 0	
Range: 0-0	

## EC37 Number of part-time regular employees - Male-16 - 17 years (ec37)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 700
Format: numeric	Invalid: 23464
Width: 8	
Decimals: 0	
Range: 0-3	

## EC38 Number of part-time regular employees - Female -16 - 17 years (ec38)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 460
Format: numeric	Invalid: 23704
Width: 8	
Decimals: 0	
Range: 0-1	

## EC39 Number of part-time regular employees - Male- 18-35 years (ec39)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 700
Format: numeric	Invalid: 23464
Width: 8	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 2.4
	Standard deviation: 5.7

## EC40 Number of part-time regular employees - Female - 18-35 years (ec40)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 460
Format: numeric	Invalid: 23704
Width: 8	Minimum: 0
Decimals: 0	Maximum: 420
Range: 0-420	Mean: 2.9
	Standard deviation: 20.1

## EC41 Number of part-time regular employees - Male- 36+ years (ec41)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 700
Format: numeric	Invalid: 23464
Width: 8	Minimum: 0
Decimals: 0	Maximum: 300
Range: 0-300	Mean: 1.2
	Standard deviation: 11.8

## EC42 Number of part-time regular employees - Female - 36+ years (ec42)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 460
Format: numeric	Invalid: 23704
Width: 8	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	Mean: 0.5
	Standard deviation: 3.2

## EC43 Average hours worked per week - Male- 5 - 12 years (ec43)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 98
Range: 0-98	Mean: 0
	Standard deviation: 0.9

EC44 Average hours worked per week - Female - 5 - 12 years (ec44)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 126
Range: 0-126	Mean: 0
	Standard deviation: 1.6

EC45 Average hours worked per week - Male -13 - 15 years (ec45)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 96
Range: 0-96	Mean: 0
	Standard deviation: 1.6

EC46 Average hours worked per week - Female -13 - 15 years (ec46)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 84
Range: 0-84	Mean: 0.1
	Standard deviation: 1.6

EC47 Average hours worked per week - Male -16 - 17 years (ec47)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 112
Range: 0-112	Mean: 0.2
	Standard deviation: 3.2

EC48 Average hours worked per week - Female -16 - 17 years (ec48)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 105
Range: 0-105	Mean: 0.2
	Standard deviation: 3.2

EC49 Average hours worked per week - Male - 18-35 years (ec49)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 168
Range: 0-168	Mean: 24.3
	Standard deviation: 33.6

EC50 Average hours worked per week - Female - 18-35 years (ec50)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 168
Range: 0-168	Mean: 22.3
	Standard deviation: 32

EC51 Average hours worked per week - Male - 36+ years (ec51)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 168
Range: 0-168	Mean: 14
	Standard deviation: 27.8



EC52 Average hours worked per week - Female - 36+ years (ec52)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23719
Format: numeric	Invalid: 445
Width: 8	Minimum: 0
Decimals: 0	Maximum: 168
Range: 0-168	Mean: 10.5
	Standard deviation: 24.4

Does the business employ any CASUAL workers? (hhe\_casual)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: -99-3	

EC53 Number of casual employees - Male - 5 - 12 years (ec53)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 2631
Format: numeric	Invalid: 21533
Width: 8	
Decimals: 0	
Range: 0-0	

EC54 Number of casual employees - Female - 5 - 12 years (ec54)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1344
Format: numeric	Invalid: 22820
Width: 8	
Decimals: 0	
Range: 0-0	

EC55 Number of casual employees - Male -13 - 15 years (ec55)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EC55 Number of casual employees - Male -13 - 15 years (ec55)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

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

Valid cases: 2631  
 Invalid: 21533

EC56 Number of casual employees - Female -13 - 15 years (ec56)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

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

Valid cases: 1344  
 Invalid: 22820

EC57 Number of casual employees - Male -16 - 17 years (ec57)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 0-5

Valid cases: 2631  
 Invalid: 21533

EC58 Number of casual employees - Female -16 - 17 years (ec58)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

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

Valid cases: 1344  
 Invalid: 22820

EC59 Number of casual employees - Male - 18-35 years (ec59)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

## EC59 Number of casual employees - Male - 18-35 years (ec59)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous	Valid cases: 2631
Format: numeric	Invalid: 21533
Width: 8	Minimum: 0
Decimals: 0	Maximum: 250
Range: 0-250	Mean: 3.4
	Standard deviation: 9.6

## EC60 Number of casual employees - Female - 18-35 years (ec60)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Continuous	Valid cases: 1344
Format: numeric	Invalid: 22820
Width: 8	Minimum: 0
Decimals: 0	Maximum: 98
Range: 0-98	Mean: 2.6
	Standard deviation: 5.9

## EC61 Number of casual employees - Male - 36+ years (ec61)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Continuous	Valid cases: 2631
Format: numeric	Invalid: 21533
Width: 8	Minimum: 0
Decimals: 0	Maximum: 350
Range: 0-350	Mean: 0.7
	Standard deviation: 7.4

## EC62 Number of casual employees - Female - 36+ years (ec62)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

Overview	
Type: Continuous	Valid cases: 1344
Format: numeric	Invalid: 22820
Width: 8	Minimum: 0
Decimals: 0	Maximum: 35
Range: 0-35	Mean: 0.3
	Standard deviation: 1.4

## EC63 Enter the number of unionisable employees (ec63)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

EC63 Enter the number of unionisable employees (ec63)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 14934
Format: numeric	Invalid: 9230
Width: 8	Minimum: 0
Decimals: 0	Maximum: 326
Range: 0-326	Mean: 0.9
Invalid: 1001, 1001	Standard deviation: 9

EC64 How do you resolve labour disputes? (ec64)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 13750
Format: numeric	Invalid: 10414
Width: 22	
Decimals: 0	
Range: -96-6	

EC65 Type of safety measures at the work place (ec65)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 9	

(ec65\_1)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 3	

(ec65\_2)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 3579
Format: character	Invalid: 0
Width: 3	

(ec65\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 1621  
Invalid: 0

(ec65\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 585  
Invalid: 0

EC66 What is the main method of recruiting persons under 18 years?

(ec66)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 27  
Decimals: 0  
Range: -96-7

Valid cases: 1491  
Invalid: 22673

EC66\_1 What is the secondary method of recruiting persons under 18 years? (ec66\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 27  
Decimals: 0  
Range: -96-7

Valid cases: 417  
Invalid: 23747

Does the business employ any workers that ATTEND SCHOOL FOR HALF A DAY? (hhe\_schoolhalf)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Does the business employ any workers that ATTEND SCHOOL FOR HALF A DAY? (hhe\_schoolhalf)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 35  
Decimals: 0  
Range: -99-3

Valid cases: 24164  
Invalid: 0

EC67 Number of workers attending school - half day - Male - 5 - 12 years (ec67)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 273  
Invalid: 23891

EC68 Number of workers attending school - half day - Female - 5 - 12 years (ec68)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 270  
Invalid: 23894

EC69 Number of workers attending school - half day - Male -13 - 15 years (ec69)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 273  
Invalid: 23891

EC70 Number of workers attending school - half day - Female -13 - 15 years (ec70)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 270
Format: numeric	Invalid: 23894
Width: 8	
Decimals: 0	
Range: 0-0	

EC71 Number of workers attending school - half day - Male -16 - 17 years (ec71)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 273
Format: numeric	Invalid: 23891
Width: 8	
Decimals: 0	
Range: 0-1	

EC72 Number of workers attending school - half day - Female -16 - 17 years (ec72)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 270
Format: numeric	Invalid: 23894
Width: 8	
Decimals: 0	
Range: 0-2	

C73 Number of workers attending school - half day - Male - 18+ years (ec73)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 273
Format: numeric	Invalid: 23891
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1280
Range: 0-1280	Mean: 16
	Standard deviation: 133.5

## C74 Number of workers attending school - half day - Female - 18+ years (ec74)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 270
Format: numeric	Invalid: 23894
Width: 8	Minimum: 0
Decimals: 0	Maximum: 25
Range: 0-25	Mean: 1.9
	Standard deviation: 2.7

## Does the business employ any workers that ATTEND SCHOOL FOR A FULL DAY? (hhe\_schoolfull)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: -99-3	

## EC75 Number of workers attending school - full day - Male - 5 - 12 years (ec75)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 97
Format: numeric	Invalid: 24067
Width: 8	
Decimals: 0	
Range: 0-1	

## EC76 Number of workers attending school - full day - Female - 5 - 12 years (ec76)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 119
Format: numeric	Invalid: 24045
Width: 8	
Decimals: 0	
Range: 0-1	



EC77 Number of workers attending school - full day - Male -13 - 15 years (ec77)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 97  
Invalid: 24067

EC78 Number of workers attending school - full day - Female -13 - 15 years (ec78)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 119  
Invalid: 24045

EC79 Number of workers attending school - full day - Male -16 - 17 years (ec79)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-4

Valid cases: 97  
Invalid: 24067

EC80 Number of workers attending school - full day - Female -16 - 17 years (ec80)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-1

Valid cases: 119  
Invalid: 24045

EC81 Number of workers attending school - full day - Male - 18+ years (ec81)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-7

Valid cases: 97  
Invalid: 24067

EC82 Number of workers attending school - full day - Female - 18+ years (ec82)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 119  
Invalid: 24045

EC83 Please enter the number of persons the enterprise engages aged:- 5 - 12 yea (ec83)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 19  
Invalid: 24145

EC85 Please enter the number of persons the enterprise engages aged: -13 - 15 ye (ec85)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-12

Valid cases: 83  
Invalid: 24081

EC87 Please enter the number of persons the enterprise engages aged: 16 - 17 yea (ec87)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 242
Format: numeric	Invalid: 23922
Width: 8	
Decimals: 0	
Range: 0-5	

EC89 Please enter the number of persons the enterprise engages aged: 18-35 years (ec89)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 13319
Format: numeric	Invalid: 10845
Width: 12	Minimum: -10
Decimals: 0	Maximum: 726597932
Range: -10-726597932	Mean: 215664.7
	Standard deviation: 12442530

EC90\_1 Please enter the number of persons the enterprise engages aged: 36+ years (ec90\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 4043
Format: numeric	Invalid: 20121
Width: 12	Minimum: 0
Decimals: 0	Maximum: 707088802
Range: 0-707088802	Mean: 174905.4
	Standard deviation: 11120442.8

EC91 Do you provide training for working persons under 18 years of age? And if s (ec91)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 230
Format: numeric	Invalid: 23934
Width: 25	
Decimals: 0	
Range: -96-3	

## EC92 Payment of Training for working persons under 18 years of age (ec92)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 112
Format: numeric	Invalid: 24052
Width: 27	
Decimals: 0	
Range: -96-3	

## Does the business employ any workers in the HIGH SEASON or to meet EXTRA PRODUCT (hhe\_extraprod)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: -99-3	

## EC93 How many workers do you engage during high season or to meet extra producti (ec93)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 1754
Format: numeric	Invalid: 22410
Width: 8	
Decimals: 0	
Range: 0-8	

## EC95 How many workers do you engage during high season or to meet extra producti (ec95)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 1754
Format: numeric	Invalid: 22410
Width: 8	
Decimals: 0	
Range: 0-8	

C103 How many workers do you engage during high season or to meet extra producti (ec97)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 1754
Format: numeric	Invalid: 22410
Width: 8	Minimum: 0
Decimals: 0	Maximum: 33
Range: 0-33	Mean: 0.1
	Standard deviation: 0.9

C104 How many workers do you engage during high season or to meet extra producti (ec99)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 1754
Format: numeric	Invalid: 22410
Width: 8	Minimum: 0
Decimals: 0	Maximum: 200
Range: 0-200	Mean: 3
	Standard deviation: 8.4

EC93\_1 How many workers do you engage during high season or to meet extra produc (ec94)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 1186
Format: numeric	Invalid: 22978
Width: 8	
Decimals: 0	
Range: 0-6	

C103 How many workers do you engage during high season or to meet extra producti (ec96)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 1186
Format: numeric	Invalid: 22978
Width: 8	
Decimals: 0	
Range: 0-8	

C103\_1 How many workers do you engage during high season or to meet extra produc (ec98)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 1186
Format: numeric	Invalid: 22978
Width: 8	
Decimals: 0	
Range: 0-14	

C104\_1 How many workers do you engage during high season or to meet extra produc (ec100)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 1186
Format: numeric	Invalid: 22978
Width: 8	Minimum: 0
Decimals: 0	Maximum: 70
Range: 0-70	Mean: 2.9
	Standard deviation: 7.1

C105 What is the main reason for using persons aged 5 - 17 yrs? (ec101)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 230
Format: numeric	Invalid: 23934
Width: 53	
Decimals: 0	
Range: -96-8	

ED01 Number of MALE EMPLOYEES at the START of the establishment (ed01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 1.4
	Standard deviation: 5.8

ED02 Number of FEMALE EMPLOYEES at the START of the establishment (ed02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 0.9
	Standard deviation: 3.9

How many persons own /co-own/manage this establishment? (hhm\_name\_301)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 24143
Format: numeric	Invalid: 21
Width: 8	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 1.9
	Standard deviation: 6.6

What are the highest educational qualifications of your employees? (edchk)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 14822
Format: character	Invalid: 0
Width: 20	

EF01\_1 None (ef01\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 1977
Format: numeric	Invalid: 22187
Width: 8	Minimum: 1
Decimals: 0	Maximum: 980
Range: 1-980	Mean: 3.5
	Standard deviation: 33.4

## EF01\_2 CPE/KCPE (ef01\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 4387
Format: numeric	Invalid: 19777
Width: 8	Minimum: 1
Decimals: 0	Maximum: 20004
Range: 1-20004	Mean: 20
	Standard deviation: 341.9

## EF01\_3 KCE/KCSE (ef01\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 6735
Format: numeric	Invalid: 17429
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2015
Range: 1-2015	Mean: 19.5
	Standard deviation: 179.2

## EF01\_4 KJSE (ef01\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 8
Format: numeric	Invalid: 24156
Width: 8	
Decimals: 0	
Range: 1-4	

## EF01\_5 KACE/EAACE (ef01\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 19
Format: numeric	Invalid: 24145
Width: 8	Minimum: 1
Decimals: 0	Maximum: 32
Range: 1-32	Mean: 3.5
	Standard deviation: 7.4

## EF01\_6 Certificate (ef01\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data



## EF01\_6 Certificate (ef01\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 2129
Format: numeric	Invalid: 22035
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2009
Range: 1-2009	Mean: 6
	Standard deviation: 44.1

## EF01\_7 Diploma (ef01\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 2449
Format: numeric	Invalid: 21715
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2015
Range: 1-2015	Mean: 9.4
	Standard deviation: 99.8

## EF01\_8 Higher Diploma (ef01\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 192
Format: numeric	Invalid: 23972
Width: 8	Minimum: 1
Decimals: 0	Maximum: 50
Range: 1-50	Mean: 6.1
	Standard deviation: 11.3

## EF01\_9 Degree (ef01\_9)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 1202
Format: numeric	Invalid: 22962
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2015
Range: 1-2015	Mean: 8.3
	Standard deviation: 82.5

## EF01\_10 Post Graduate Diploma (ef01\_10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 27
Format: numeric	Invalid: 24137
Width: 8	
Decimals: 0	
Range: 1-10	

## EF01\_11 Post Graduate Degree (ef01\_11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 210
Format: numeric	Invalid: 23954
Width: 8	Minimum: 1
Decimals: 0	Maximum: 240
Range: 1-240	Mean: 4.1
	Standard deviation: 16.8

## EF01\_12 Other (Specify) (ef01\_12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 144
Format: numeric	Invalid: 24020
Width: 8	Minimum: 1
Decimals: 0	Maximum: 538
Range: 1-538	Mean: 9.5
	Standard deviation: 46.3

What are the highest vocational/proffessional qualifications of your employees? (vcchk)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 14710
Format: character	Invalid: 0
Width: 18	

## EF02\_1 None (ef02\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EF02\_1 None (ef02\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous	Valid cases: 10018
Format: numeric	Invalid: 14146
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2015
Range: 1-2015	Mean: 4
	Standard deviation: 42.4

## EF02\_2 Artisan grade 1 (ef02\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 296
Format: numeric	Invalid: 23868
Width: 8	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 5.4
	Standard deviation: 17.3

## EF02\_3 Artisan grade 2 (ef02\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 219
Format: numeric	Invalid: 23945
Width: 8	Minimum: 1
Decimals: 0	Maximum: 50
Range: 1-50	Mean: 4.2
	Standard deviation: 9.7

## EF02\_4 Artisan grade 3 (ef02\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 533
Format: numeric	Invalid: 23631
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2015
Range: 1-2015	Mean: 11
	Standard deviation: 123.1

## EF02\_5 KATC (ef02\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

## EF02\_5 KATC (ef02\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 33
Format: numeric	Invalid: 24131
Width: 8	Minimum: 1
Decimals: 0	Maximum: 30
Range: 1-30	Mean: 2.3
	Standard deviation: 5.1

## EF02\_6 CPA / CPS (ef02\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 314
Format: numeric	Invalid: 23850
Width: 8	Minimum: 1
Decimals: 0	Maximum: 32
Range: 1-32	Mean: 3
	Standard deviation: 3.9

## EF02\_7 Teaching (ef02\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 620
Format: numeric	Invalid: 23544
Width: 8	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 8.6
	Standard deviation: 7.6

## EF02\_8 Nursing (ef02\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 103
Format: numeric	Invalid: 24061
Width: 8	Minimum: 1
Decimals: 0	Maximum: 85
Range: 1-85	Mean: 3.3
	Standard deviation: 8.8

## EF02\_9 Computer packages (ef02\_9)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 1252
Format: numeric	Invalid: 22912
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2014
Range: 1-2014	Mean: 9.8
	Standard deviation: 101.8

## EF02\_10 Diploma (ef02\_10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 1221
Format: numeric	Invalid: 22943
Width: 8	Minimum: 1
Decimals: 0	Maximum: 121
Range: 1-121	Mean: 4.2
	Standard deviation: 9.8

## EF02\_11 Degree (ef02\_11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 541
Format: numeric	Invalid: 23623
Width: 8	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 4.2
	Standard deviation: 8.1

## EF02\_12 Post Graduate Diploma (ef02\_12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 52
Format: numeric	Invalid: 24112
Width: 8	Minimum: 1
Decimals: 0	Maximum: 35
Range: 1-35	Mean: 6.1
	Standard deviation: 8.1

## EF02\_13 Post Graduate Degree (ef02\_13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 79
Format: numeric	Invalid: 24085
Width: 8	Minimum: 1
Decimals: 0	Maximum: 240
Range: 1-240	Mean: 6.6
	Standard deviation: 26.8

## EF02\_14 Other (Specify) (ef02\_14)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 812
Format: numeric	Invalid: 23352
Width: 8	Minimum: 1
Decimals: 0	Maximum: 538
Range: 1-538	Mean: 3.6
	Standard deviation: 19.9

B\_01 Do you have any employee who has undergone training in relation to their jo (b\_01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 14822
Format: numeric	Invalid: 9342
Width: 18	
Decimals: 0	
Range: -99-1	

Please enter the number of employees (emp\_trained\_i)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 2424
Format: numeric	Invalid: 21740
Width: 8	Minimum: -98
Decimals: 0	Maximum: 300
Range: -98-300	Mean: 6.4
	Standard deviation: 21.6

## What types of trainings have the employees received? (vdchk)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 2943
Format: character	Invalid: 0
Width: 16	

## EF03\_1 Management (ef03\_1)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 512
Format: numeric	Invalid: 23652
Width: 8	Minimum: 1
Decimals: 0	Maximum: 120
Range: 1-120	Mean: 6.5
	Standard deviation: 15.6

## EF03\_2 Technical/Advice (ef03\_2)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 849
Format: numeric	Invalid: 23315
Width: 8	Minimum: 1
Decimals: 0	Maximum: 900
Range: 1-900	Mean: 8.5
	Standard deviation: 37.8

## EF03\_3 Marketing (ef03\_3)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 348
Format: numeric	Invalid: 23816
Width: 8	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 6.7
	Standard deviation: 13.5

## EF03\_4 Information Technology (ICT) (ef03\_4)

### File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

## EF03\_4 Information Technology (ICT) (ef03\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous	Valid cases: 341
Format: numeric	Invalid: 23823
Width: 8	Minimum: 1
Decimals: 0	Maximum: 255
Range: 1-255	Mean: 7
	Standard deviation: 20.7

## EF03\_5 Informal Advice/training (ef03\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 352
Format: numeric	Invalid: 23812
Width: 8	Minimum: 1
Decimals: 0	Maximum: 300
Range: 1-300	Mean: 7.3
	Standard deviation: 19.8

## EF03\_6 Consultancy Advice (ef03\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 138
Format: numeric	Invalid: 24026
Width: 8	Minimum: 1
Decimals: 0	Maximum: 240
Range: 1-240	Mean: 8.3
	Standard deviation: 21.6

## EF03\_7 Business Counseling (ef03\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 186
Format: numeric	Invalid: 23978
Width: 8	Minimum: 1
Decimals: 0	Maximum: 160
Range: 1-160	Mean: 7.4
	Standard deviation: 18.4

## EF03\_8 Finance &amp; Accounting (ef03\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data



## EF03\_8 Finance &amp; Accounting (ef03\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 23970
Width: 8	Minimum: 1
Decimals: 0	Maximum: 90
Range: 1-90	Mean: 4.9
	Standard deviation: 10.6

## EF03\_12 Other (specify) (ef03\_12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 24164
Width: 8	
Decimals: 0	

## EF04\_1 Management (ef04\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 512
Format: numeric	Invalid: 23652
Width: 18	
Decimals: 0	
Range: -99-5	

## EF04\_2 Technical/Advice (ef04\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 849
Format: numeric	Invalid: 23315
Width: 18	
Decimals: 0	
Range: -99-5	

## EF04\_3 Marketing (ef04\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EF04\_3 Marketing (ef04\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-5

Valid cases: 348  
Invalid: 23816

## EF04\_4 Information Technology (ICT) (ef04\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-5

Valid cases: 341  
Invalid: 23823

## EF04\_5 Informal Advice/training (ef04\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-5

Valid cases: 352  
Invalid: 23812

## EF04\_6 Consultancy Advice (ef04\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-5

Valid cases: 138  
Invalid: 24026

## EF04\_7 Business Counseling (ef04\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EF04\_7 Business Counseling (ef04\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 186
Format: numeric	Invalid: 23978
Width: 18	
Decimals: 0	
Range: -99-5	

## EF04\_8 Finance &amp; Accounting (ef04\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 23970
Width: 18	
Decimals: 0	
Range: -99-5	

## EF04\_12 Other (specify) (ef04\_12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 24164
Width: 18	
Decimals: 0	
Range: -99-5	

## EF05\_1 Management (ef05\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 512
Format: numeric	Invalid: 23652
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_2 Technical/Advice (ef05\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EF05\_2 Technical/Advice (ef05\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 849
Format: numeric	Invalid: 23315
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_3 Marketing (ef05\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 348
Format: numeric	Invalid: 23816
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_4 Information Technology (ICT) (ef05\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 341
Format: numeric	Invalid: 23823
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_5 Informal Advice/training (ef05\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 352
Format: numeric	Invalid: 23812
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_6 Consultancy Advice (ef05\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EF05\_6 Consultancy Advice (ef05\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 138
Format: numeric	Invalid: 24026
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_7 Business Counseling (ef05\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 186
Format: numeric	Invalid: 23978
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_8 Finance &amp; Accounting (ef05\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 194
Format: numeric	Invalid: 23970
Width: 28	
Decimals: 0	
Range: -96-8	

## EF05\_12 Other (specify) (ef05\_12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 0
Format: numeric	Invalid: 24164
Width: 28	
Decimals: 0	
Range: -96-8	

EF06 What is the MOST important Type of training required by the employees? (ef06)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EF06 What is the MOST important Type of training required by the employees? (ef06)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 28  
Decimals: 0  
Range: -98-8

Valid cases: 14822  
Invalid: 9342

EF07 What is the 2ND MOST important Type of training required by the employees? (ef07)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 28  
Decimals: 0  
Range: -98-8

Valid cases: 11150  
Invalid: 13014

EF08 What is the 3RD MOST important Type of training required by the employees? (ef08)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 28  
Decimals: 0  
Range: -98-8

Valid cases: 8065  
Invalid: 16099

EG01 What has been the establishment's expenditure on Goodwill (eg01\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-60000000  
Invalid: 100000001, 100000001

Valid cases: 23306  
Invalid: 858  
Minimum: 0  
Maximum: 60000000  
Mean: 16236.9  
Standard deviation: 437911

EG02 In which year did the business pay goodwill? (eg02\_2)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 1808
Format: numeric	Invalid: 22356
Width: 8	Minimum: 1967
Decimals: 0	Maximum: 2016
Range: 1967-2016	Mean: 2010.4
Invalid: 10001, 10001	Standard deviation: 5.6

EG03 What is the establishment's monthly expenditure on Rent (eg03\_1)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23973
Format: numeric	Invalid: 191
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 5250000
Range: -74.25-5250000	Mean: 2948.6
	Standard deviation: 38934.6

EG04 What is the establishment's monthly expenditure on NSSF/Health Insurance (eg04\_1)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23813
Format: numeric	Invalid: 351
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 1436775
Range: -74.25-1436775	Mean: 664
	Standard deviation: 12027.2

EG05 What is the establishment's monthly expenditure on Electricity (eg05\_1)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 23973
Format: numeric	Invalid: 191
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 10335000
Range: -74.25-10335000	Mean: 3276.2
	Standard deviation: 127760.8

## EG06 What is the establishment's monthly expenditure on Water (eg06\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 24004
Format: numeric	Invalid: 160
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 600000
Range: -74.25-600000	Mean: 453.9
	Standard deviation: 7729.2

## EG07 What is the establishment's monthly expenditure on Telephone usage (eg07\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23828
Format: numeric	Invalid: 336
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 294547.1
Range: -74.25-294547.11	Mean: 440.8
	Standard deviation: 3445.2

## EG08 What is the establishment's monthly expenditure on Internet Costs (eg08\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23944
Format: numeric	Invalid: 220
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 429581.1
Range: -74.25-429581.1	Mean: 361
	Standard deviation: 6785.4

## EG09 What is the establishment's monthly expenditure on Insurance (Business) (eg09\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23593
Format: numeric	Invalid: 571
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 1500000
Range: -74.25-1500000	Mean: 1178.6
	Standard deviation: 24934.6



## EG10 What is the establishment's monthly expenditure on Credit (interest and oth (eg10\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23564
Format: numeric	Invalid: 600
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 19539000
Range: -74.25-19539000	Mean: 7105.7
	Standard deviation: 273160.1

## EG11 What is the establishment's monthly expenditure on Salaries and Wages (eg11\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23800
Format: numeric	Invalid: 364
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 22230000
Range: -74.25-22230000	Mean: 23278.7
	Standard deviation: 376362.7

## EG12 What is the establishment's monthly expenditure on Purchases of business wa (eg12\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 22539
Format: numeric	Invalid: 1625
Width: 12	Minimum: 0
Decimals: 0	Maximum: 900000000
Range: 0-900000000	Mean: 469759.6
Invalid: 1000000001, 1000000001	Standard deviation: 8996370.8

## EG13 What is the establishment's monthly expenditure on Purchases of inputs and (eg13\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23604
Format: numeric	Invalid: 560
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 120000000
Range: -74.25-120000000	Mean: 31606.7
	Standard deviation: 1166466.7

## EG14 What is the establishment's monthly expenditure on Transport/storage and wa (eg14\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23829
Format: numeric	Invalid: 335
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 19695000
Range: -74.25-19695000	Mean: 5560.5
	Standard deviation: 204643.4

## EG15 What is the establishment's monthly expenditure on Repairs/maintenance (eg15\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23808
Format: numeric	Invalid: 356
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 4500000
Range: -74.25-4500000	Mean: 2614.4
	Standard deviation: 69155.5

## EG16 What is the establishment's monthly expenditure on Licenses issued (eg16\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 24007
Format: numeric	Invalid: 157
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 2400003.6
Range: -74.25-2400003.6	Mean: 1320.5
	Standard deviation: 30760.7

## EG17 What is the establishment's monthly expenditure on Fines (eg17\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23992
Format: numeric	Invalid: 172
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 77400
Range: -74.25-77400	Mean: 59.7
	Standard deviation: 1662.9

## EG18 What is the establishment's monthly expenditure on Taxes (eg18\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23298
Format: numeric	Invalid: 866
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 60000000
Range: -74.25-60000000	Mean: 9593.5
	Standard deviation: 460543.5

## EG19 What is the establishment's monthly expenditure on Advertising (eg19\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23914
Format: numeric	Invalid: 250
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 5250000
Range: -74.25-5250000	Mean: 873.8
	Standard deviation: 36931.1

## EG20 What is the establishment's monthly expenditure on Product innovation (eg20\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23929
Format: numeric	Invalid: 235
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 1500000
Range: -74.25-1500000	Mean: 241.6
	Standard deviation: 14108.1

## EG21 What is the establishment's monthly expenditure on Process innovation (eg21\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23927
Format: numeric	Invalid: 237
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 7500000
Range: -74.25-7500000	Mean: 1122.9
	Standard deviation: 59149.9

## EG22 What is the establishment's monthly expenditure on Social Responsibility (eg22\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23876
Format: numeric	Invalid: 288
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 2100000
Range: -74.25-2100000	Mean: 1313.6
	Standard deviation: 40401.1

## EG23 What is the establishment's monthly expenditure on Office supplies (eg23\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23839
Format: numeric	Invalid: 325
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 1875000
Range: -74.25-1875000	Mean: 639.4
	Standard deviation: 14405.4

## EG24 What is the establishment's monthly expenditure on Additional Equipment and (eg24\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23742
Format: numeric	Invalid: 422
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 7200000
Range: -74.25-7200000	Mean: 3260.7
	Standard deviation: 132755.7

## EG25 What is the establishment's monthly expenditure on Other operating costs (eg25\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous	Valid cases: 23759
Format: numeric	Invalid: 405
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 75000000
Range: -74.25-75000000	Mean: 4674
	Standard deviation: 487140.8

EH01 What was the revenue from total sales of goods and services last month (KSh (eh01\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 23288
Format: numeric	Invalid: 876
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 341250000
Range: -74.25-341250000	Mean: 217804.7
	Standard deviation: 4145922.1

EH02 What was the value of stocks (For non-service enterprises) at the beginning (eh02\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 18702
Format: numeric	Invalid: 5462
Width: 12	Minimum: 0
Decimals: 0	Maximum: 800000000
Range: 0-800000000	Mean: 596375
Invalid: 1000000001, 1000000001	Standard deviation: 12775926.4

EH03 What was the value of stocks (For non-service enterprises) at the end of la (eh03\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 18284
Format: numeric	Invalid: 5880
Width: 12	Minimum: 0
Decimals: 0	Maximum: 400000000
Range: 0-400000000	Mean: 415815.3
Invalid: 1000000001, 1000000001	Standard deviation: 6801141.5

EH04 In your opinion what is the net income from the business per month? (eh04\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 21844
Format: numeric	Invalid: 2320
Width: 12	Minimum: 0
Decimals: 0	Maximum: 800000000
Range: 0-800000000	Mean: 613174.7
Invalid: 1000000001, 1000000001	Standard deviation: 16848355.2

EH06 What is the MOST important use of net income from the business? (eh06)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 27	
Decimals: 0	
Range: -96-6	

EH07 What is the 2nd MOST important use of net income from the business? (eh07)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 23433
Format: numeric	Invalid: 731
Width: 27	
Decimals: 0	
Range: -96-6	

EH08 What is the 3rd MOST important use of net income from the business? (eh08)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 19592
Format: numeric	Invalid: 4572
Width: 27	
Decimals: 0	
Range: -96-6	

EH09 How do you rank your business performance in the last one month? (eh09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 35	
Decimals: 0	
Range: 0-3	

## EH10 Good (above average) (eh10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 23926
Format: numeric	Invalid: 238
Width: 8	
Decimals: 0	
Range: -6-12	

## EH11 Normal (eh11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 23926
Format: numeric	Invalid: 238
Width: 8	
Decimals: 0	
Range: 0-12	

## EH12 Bad (below average) (eh12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 23926
Format: numeric	Invalid: 238
Width: 8	
Decimals: 0	
Range: -5-12	

## EH13 Compared to normal what is a good performance (1½,2,3,4 etc. times normal (eh13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 9	Minimum: 1
Decimals: 0	Maximum: 1500000
Range: 1-1500000	Mean: 165.1
	Standard deviation: 11245.2

EH14 Compared to normal what is a bad performance (1/4,1/2,3/4 etc. times normal (eh14)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 9	Minimum: -2
Decimals: 0	Maximum: 1
Range: -2-1	Mean: 0.5
	Standard deviation: 0.2

EH15 How much is normal monthly revenue from the business. (KShs.) (eh15\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 23293
Format: numeric	Invalid: 871
Width: 12	Minimum: -74.3
Decimals: 0	Maximum: 341250000
Range: -74.25-341250000	Mean: 265451.2
	Standard deviation: 6353414.8

EH16 Which is the best month of the business? (eh16)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 23926
Format: numeric	Invalid: 238
Width: 18	
Decimals: 0	
Range: -99-12	

EH17 Which is the worst month of the business? (eh17)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 23926
Format: numeric	Invalid: 238
Width: 18	
Decimals: 0	
Range: -99-12	



EH18 Was the last 3 months Period better or worse? (eh18)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: -99-3

Valid cases: 23926  
 Invalid: 238

EH19 During the period 2013 to 2015, did you introduce new or significantly impr (eh19)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: -99-1

Valid cases: 23926  
 Invalid: 238

EH20 During the period 2013 to 2015, did you introduce new or significantly impr (eh20)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: -99-1

Valid cases: 23926  
 Invalid: 238

EH21 During the period 2013 to 2015, did you implement a new marketing method in (eh21)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: -99-1

Valid cases: 23926  
 Invalid: 238

EH22 Please estimate the total turnover of goods and services in (KSh) in 2015 (eh22\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 1907
Format: numeric	Invalid: 22257
Width: 12	Minimum: 1
Decimals: 0	Maximum: 920000000
Range: 1-920000000	Mean: 12287953.2
Invalid: 1000000001, 1000000001	Standard deviation: 68463837.7

EJ01 What was the main reason for starting the business? (ej01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 34	
Decimals: 0	
Range: -96-9	

EJ02 What was the main reason for choosing this particular activity? (ej02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 34	
Decimals: 0	
Range: -96-9	

EJ03 What is the MOST important Non-financial assistance received in the last 4 (ej03\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 27	
Decimals: 0	
Range: -96-6	

EJ03 What is the 2nd MOST important Non-financial assistance received in the las (ej03\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 27  
Decimals: 0  
Range: -96-6

Valid cases: 3565  
Invalid: 20599

EJ04 What is the MOST important Kind of non-financial assistance needed? (ej04\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 27  
Decimals: 0  
Range: -96-6

Valid cases: 24164  
Invalid: 0

EJ04 What is the 2nd MOST important Kind of non-financial assistance needed? (ej04\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 27  
Decimals: 0  
Range: -96-6

Valid cases: 13809  
Invalid: 10355

EJ05 Which support group(s) do you belong to in relation to this business? (ej05)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: character  
Width: 9

Valid cases: 24164  
Invalid: 0

## MSEs associations (ej05x\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1823
Format: numeric	Invalid: 22341
Width: 9	
Decimals: 0	
Range: 1-1	

## Chamber of Commerce (ej05x\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 238
Format: numeric	Invalid: 23926
Width: 9	
Decimals: 0	
Range: 1-1	

## Other Business (ej05x\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1155
Format: numeric	Invalid: 23009
Width: 9	
Decimals: 0	
Range: 1-1	

## Merry-go- round (ej05x\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 4440
Format: numeric	Invalid: 19724
Width: 9	
Decimals: 0	
Range: 1-1	

## ROSCAs (ej05x\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## ROSCAs (ej05x\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

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

Valid cases: 967  
Invalid: 23197

## Men/Women Association (ej05x\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 1489  
Invalid: 22675

## None (ej05x\_0)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 15351  
Invalid: 8813

## Other (Specify) (ej05x\_96)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

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

Valid cases: 347  
Invalid: 23817

## EJ06 Which business records do you keep? (ej06)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 19

Valid cases: 24164  
Invalid: 0

## None (ej06x\_0)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 8097
Format: numeric	Invalid: 16067
Width: 9	
Decimals: 0	
Range: 0-0	

## Cash sales and receipts (ej06x\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 10245
Format: numeric	Invalid: 13919
Width: 9	
Decimals: 0	
Range: 1-1	

## Sales day book and monthly sales ledger (ej06x\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 5470
Format: numeric	Invalid: 18694
Width: 9	
Decimals: 0	
Range: 2-2	

## Purchases day book &amp; monthly purchases ledger (ej06x\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 3796
Format: numeric	Invalid: 20368
Width: 9	
Decimals: 0	
Range: 3-3	

## Cashbook and petty cashbook (ej06x\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## Cashbook and petty cashbook (ej06x\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 3029
Format: numeric	Invalid: 21135
Width: 9	
Decimals: 0	
Range: 4-4	

## Bank reconciliation statements (ej06x\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1888
Format: numeric	Invalid: 22276
Width: 9	
Decimals: 0	
Range: 6-6	

## Complete set of accounts (ej06x\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1452
Format: numeric	Invalid: 22712
Width: 9	
Decimals: 0	
Range: 7-7	

## External Accountancy Services (ej06x\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 747
Format: numeric	Invalid: 23417
Width: 9	
Decimals: 0	
Range: 8-8	

## Personal notes (ej06x\_9)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

**Personal notes (ej06x\_9)****File: 2016 MSME Survey - Final establishments dataset with trainings data**

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

Valid cases: 6013  
 Invalid: 18151

**Other (Specify) (ej06x\_96)****File: 2016 MSME Survey - Final establishments dataset with trainings data****Overview**

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

Valid cases: 320  
 Invalid: 23844

**(no\_reports1)****File: 2016 MSME Survey - Final establishments dataset with trainings data****Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 24164  
 Invalid: 0

**(no\_reports2)****File: 2016 MSME Survey - Final establishments dataset with trainings data****Overview**

Type: Discrete  
 Format: character  
 Width: 1

Valid cases: 24164  
 Invalid: 0

**EJ07 What reports do you generate from your business records? (ej07)****File: 2016 MSME Survey - Final establishments dataset with trainings data****Overview**

Type: Discrete  
 Format: character  
 Width: 11

Valid cases: 12820  
 Invalid: 0



(ej07a\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**Type: Discrete  
Format: character  
Width: 3Valid cases: 12820  
Invalid: 0

(ej07a\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**Type: Discrete  
Format: character  
Width: 3Valid cases: 4153  
Invalid: 0

(ej07a\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**Type: Discrete  
Format: character  
Width: 3Valid cases: 2330  
Invalid: 0

(ej07a\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**Type: Discrete  
Format: character  
Width: 3Valid cases: 1224  
Invalid: 0

(ej07a\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**Type: Discrete  
Format: character  
Width: 3Valid cases: 2  
Invalid: 0

EJ08 Approximately how many hours per week do you spend to generate those report (ej08\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 8026
Format: numeric	Invalid: 16138
Width: 9	Minimum: -99
Decimals: 0	Maximum: 168
Range: -99-168	Mean: -3.3
	Standard deviation: 30.1

EJ09 What type of bank account (s) do you have for the business? (ej09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 9	

(ej09a\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 3	

(ej09a\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 1275
Format: character	Invalid: 0
Width: 3	

(ej09a\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 163
Format: character	Invalid: 0
Width: 3	

(ej09a\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 3  
Invalid: 0

EJ10 Do you use Mobile Money Platform in your establishment ? (ej10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 24164  
Invalid: 0

EJ11 Does your business have a pay bill/ till number ? (ej11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 10888  
Invalid: 13276

EJ12 In which ways do you use mobile money transfer in your business? (ej12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 7

Valid cases: 10888  
Invalid: 0

Pay for goods & services (ej12x\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## Pay for goods &amp; services (ej12x\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 7257
Format: numeric	Invalid: 16907
Width: 9	
Decimals: 0	
Range: 1-1	

## Receive payments (ej12x\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 8384
Format: numeric	Invalid: 15780
Width: 9	
Decimals: 0	
Range: 2-2	

## Banking (ej12x\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 2622
Format: numeric	Invalid: 21542
Width: 9	
Decimals: 0	
Range: 3-3	

## N / A (do not use) (ej12x\_0)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 187
Format: numeric	Invalid: 23977
Width: 9	
Decimals: 0	
Range: 0-0	

## Other (Specify) (ej12x\_96)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## Other (Specify) (ej12x\_96)

File: 2016 MSME Survey - Final establishments dataset with trainings data

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

Valid cases: 170  
Invalid: 23994

## Don't Know (ej12x\_98)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -98--98

Valid cases: 117  
Invalid: 24047

## Refused To Respond (ej12x\_99)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -99--99

Valid cases: 3  
Invalid: 24161

## EJ13 What is the sex of the owners of the business (ej13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 22  
Decimals: 0  
Range: 1-5

Valid cases: 24164  
Invalid: 0

## EJ14 What is the Type of ownership structure of this business? (ej14)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EJ14 What is the Type of ownership structure of this business? (ej14)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 22	
Decimals: 0	
Range: -96-7	

EJ15 Is the Business Registered by registrar of companies? (ej15)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-1	

EJ17 How are prices set ? (ej17)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 39	
Decimals: 0	
Range: -96-6	

EJ18 What is the Main source of inputs / purchases ? (ej18)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 20	
Decimals: 0	
Range: -96-6	

EJ18\_2 What was the corresponding value of the inputs / purchases in 2015? (ej18\_2)  
 File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EJ18\_2 What was the corresponding value of the inputs / purchases in 2015? (ej18\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous	Valid cases: 15181
Format: numeric	Invalid: 8983
Width: 12	Minimum: 0
Decimals: 0	Maximum: 999999999
Range: 0-999999999	Mean: 4035370.9
Invalid: 1000000001, 1000000001	Standard deviation: 37821591.5

EJ19 Who is the Main buyer of products or services ? (ej19)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 20	
Decimals: 0	
Range: -96-5	

EJ19\_2 What was the corresponding value of the products / services in 2015? (ej19\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 14802
Format: numeric	Invalid: 9362
Width: 12	Minimum: 0
Decimals: 0	Maximum: 999999999
Range: 0-999999999	Mean: 4820451.7
Invalid: 1000000001, 1000000001	Standard deviation: 39771769.3

EJ20 What contracting arrangements for inputs or orders received from clients do (ej20)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 15	
Decimals: 0	
Range: -96-4	

EJ21 What contracted arrangement for your products or services does the business (ej21)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 15	
Decimals: 0	
Range: -96-4	

EJ22 What is the primary method of advertisement of products and services (ej22\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 49	
Decimals: 0	
Range: -96-10	

EJ22\_2 What is the Secondary method of advertisement of products and services (ej22\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 9756
Format: numeric	Invalid: 14408
Width: 49	
Decimals: 0	
Range: -96-10	

EJ23 What is your primary customer feedback mechanism? (ej23\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 28	
Decimals: 0	
Range: -96-7	



EJ23\_2 What is your secondary customer feedback mechanism?  
(ej23\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 20543
Format: numeric	Invalid: 3621
Width: 28	
Decimals: 0	
Range: -96-7	

EK01 What is your Main source of water? (ek01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 24	
Decimals: 0	
Range: -96-9	

EK01\_2 (ek01\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 1	

EK02 Do you have access to a piped water ? (ek02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 12196
Format: numeric	Invalid: 11968
Width: 18	
Decimals: 0	
Range: -99-1	

EK03 What is the distance to the nearest water pipeline? (ek03)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

### EK03 What is the distance to the nearest water pipeline? (ek03)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 12196
Format: numeric	Invalid: 11968
Width: 27	
Decimals: 0	
Range: 1-5	

### EK04 Are you connected to piped water? (ek04)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 12196
Format: numeric	Invalid: 11968
Width: 18	
Decimals: 0	
Range: -99-1	

### EK05 Have you applied for connection? (ek05)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 11233
Format: numeric	Invalid: 12931
Width: 18	
Decimals: 0	
Range: -99-1	

### EK06 Give reasons why you have not applied for a connection (ek06)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 10460
Format: numeric	Invalid: 13704
Width: 35	
Decimals: 0	
Range: -96-7	

### EK07 Give reasons for non-connection despite having applied for a connection (ek07)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

EK07 Give reasons for non-connection despite having applied for a connection (ek07)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 38  
Decimals: 0  
Range: -98-4

Valid cases: 655  
Invalid: 23509

EK08 Do you have access to Electricity? (ek08)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 24164  
Invalid: 0

EK09 Is your establishment connected to electricity? (ek09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 24164  
Invalid: 0

EK10 Have you applied for an electricity connection? (ek10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 4414  
Invalid: 19750

EK11 Give reasons for non-connection despite having applied for a connection (ek11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

EK11 Give reasons for non-connection despite having applied for a connection (ek11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 38  
Decimals: 0  
Range: -98-4

Valid cases: 727  
Invalid: 23437

EK12 Give reasons why you have not applied for a connection (ek12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 35  
Decimals: 0  
Range: -96-7

Valid cases: 3643  
Invalid: 20521

EK13 Did your establishment have a dedicated fixed / landline telephone for busi (ek13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 24164  
Invalid: 0

EK14 Did your enterprise have a dedicated mobile telephone for business during t (ek14)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 24164  
Invalid: 0

EK15a From which mobile service provider do you get sufficient network signal? (ek15a)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 9	

(ek15a1\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 1	

(ek15a1\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 5946
Format: character	Invalid: 0
Width: 1	

(ek15a1\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 2088
Format: character	Invalid: 0
Width: 1	

(ek15a1\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1019
Format: character	Invalid: 0
Width: 1	

(ek15a1\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 1

Valid cases: 362  
Invalid: 0

EK15b For what purposes do you use the mobile phone? (ek15b)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 9

Valid cases: 24164  
Invalid: 0

EK16 Did your enterprise use a computer for official purpose(s) during the year (ek16)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 24164  
Invalid: 0

EK17 What was the computer used for? (ek17)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 13

Valid cases: 3735  
Invalid: 0

(ek17a\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 3735  
Invalid: 0

(ek17a\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 3113  
Invalid: 0

(ek17a\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 2532  
Invalid: 0

(ek17a\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 1854  
Invalid: 0

(ek17a\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 1358  
Invalid: 0

(ek17a\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 9  
Invalid: 0

## EK18 What is the purpose of internet use? (ek18)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 13

Valid cases: 2627  
Invalid: 0

## (ek18a\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 2627  
Invalid: 0

## (ek18a\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 1861  
Invalid: 0

## (ek18a\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 1056  
Invalid: 0

## (ek18a\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 519  
Invalid: 0



(ek18a\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 134  
Invalid: 0

(ek18a\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 3  
Invalid: 0

EK19 Did your establishment seek the following government services via internet (ek19)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 17

Valid cases: 2627  
Invalid: 0

(ek19a\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 2627  
Invalid: 0

(ek19a\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 978  
Invalid: 0

(ek19a\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 545  
Invalid: 0

(ek19a\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 302  
Invalid: 0

(ek19a\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 173  
Invalid: 0

(ek19a\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 1

Valid cases: 92  
Invalid: 0

(ek19a\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 1

Valid cases: 51  
Invalid: 0

(ek19a\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 3

Valid cases: 1  
Invalid: 0

EK20 Did your establishment have an active website in 2015? (ek20)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 24164  
Invalid: 0

EK21 What type of roads do you use to access your business? (ek21)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 16  
Decimals: 0  
Range: -96-5

Valid cases: 23748  
Invalid: 416

EK22 What state are the roads you use to access your business? (ek22)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-3

Valid cases: 23748  
Invalid: 416

EK23 What type of Toilet facilities do you access at your business? (ek23)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

EK23 What type of Toilet facilities do you access at your business?  
(ek23)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 22  
Decimals: 0  
Range: -96-6

Valid cases: 23748  
Invalid: 416

EK24 What is the mode of solid waste (Garbage) disposal at your business? (ek24)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 30  
Decimals: 0  
Range: -96-4

Valid cases: 23748  
Invalid: 416

EK25 What is the mode of effluent disposal at your business? (ek25)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -96-4

Valid cases: 23748  
Invalid: 416

EL01 How much initial capital was invested in the business? (el01)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: -99-900000000

Valid cases: 24164  
Invalid: 0  
Minimum: -99  
Maximum: 900000000  
Mean: 925841.9  
Standard deviation: 18722865.9

EL02 What was the main source of initial capital? (el02)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

## EL02 What was the main source of initial capital? (el02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 37	
Decimals: 0	
Range: -96-13	

## EL03 How much additional capital was invested after the start of the establishme (el03)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 19542
Format: numeric	Invalid: 4622
Width: 12	Minimum: 0
Decimals: 0	Maximum: 500000000
Range: 0-500000000	Mean: 567139.9
Invalid: 1000000001, 1000000001	Standard deviation: 12241971.9

## EL04 What was the establishment's MAIN source of additional capital? (el04)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 37	
Decimals: 0	
Range: -96-13	

## EL05 Please estimate the approximate current gross worth of the business (el05)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 21112
Format: numeric	Invalid: 3052
Width: 12	Minimum: 0
Decimals: 0	Maximum: 999999999
Range: 0-999999999	Mean: 6021202.5
Invalid: 1000000001, 1000000001	Standard deviation: 45141755.9

EL06\_1 What was the MOST important other type of support received?  
(el06\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 21	
Decimals: 0	
Range: -96-6	

EL06\_2 What was the 2nd MOST important other type of support received? (el06\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 2539
Format: numeric	Invalid: 21625
Width: 21	
Decimals: 0	
Range: -96-6	

EL06\_3 What was the 3rd MOST important other type of support received? (el06\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 967
Format: numeric	Invalid: 23197
Width: 21	
Decimals: 0	
Range: -96-6	

EL07 What has been the source of technological advice? (el07)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 23	
Decimals: 0	
Range: -96-7	

EL08 Does the business have any of the following types of ICT equipment? (el08)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 21	

None (el08x\_0)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 5147
Format: numeric	Invalid: 19017
Width: 9	
Decimals: 0	
Range: 0-0	

Mobile Phone (el08x\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 16922
Format: numeric	Invalid: 7242
Width: 9	
Decimals: 0	
Range: 1-1	

Computer (el08x\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 4103
Format: numeric	Invalid: 20061
Width: 9	
Decimals: 0	
Range: 2-2	

Tablets / Phablets (el08x\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

## Tablets / Phablets (el08x\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 582
Format: numeric	Invalid: 23582
Width: 9	
Decimals: 0	
Range: 3-3	

## Digital / Video Cameras (el08x\_4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 837
Format: numeric	Invalid: 23327
Width: 9	
Decimals: 0	
Range: 4-4	

## Radio (el08x\_5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 6039
Format: numeric	Invalid: 18125
Width: 9	
Decimals: 0	
Range: 5-5	

## Television set (el08x\_6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 3590
Format: numeric	Invalid: 20574
Width: 9	
Decimals: 0	
Range: 6-6	

## Fax (el08x\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**



Fax (el08x\_7)

File: 2016 MSME Survey - Final establishments dataset with trainings data

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

Valid cases: 301  
Invalid: 23863

Photocopier (el08x\_8)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 2223  
Invalid: 21941

Printer (el08x\_9)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 2563  
Invalid: 21601

Other (Specify) (el08x\_96)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

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

Valid cases: 761  
Invalid: 23403

EL09 What is the main reason why the business does not use ICT ?  
(el09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

## EL09 What is the main reason why the business does not use ICT ? (el09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 17  
Decimals: 0  
Range: -96-5

Valid cases: 5147  
Invalid: 19017

## EL10 Electrically operated (el10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-12000

Valid cases: 24164  
Invalid: 0  
Minimum: 0  
Maximum: 12000  
Mean: 3.7  
Standard deviation: 95.8

## EL11 Fuel Using (el11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-300000

Valid cases: 24164  
Invalid: 0  
Minimum: 0  
Maximum: 300000  
Mean: 14.9  
Standard deviation: 1956.5

## EL12 Human Powered (el12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous  
Format: numeric  
Width: 12  
Decimals: 0  
Range: 0-42000

Valid cases: 24164  
Invalid: 0  
Minimum: 0  
Maximum: 42000  
Mean: 2.4  
Standard deviation: 270.2

## EL13 Animal Powered (el13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

## EL13 Animal Powered (el13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-12	

(machine\_check)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: character	Invalid: 0
Width: 1	

## EL15 Main Sources of electrically operated machines and equipment (el15)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 17385
Format: numeric	Invalid: 6779
Width: 22	
Decimals: 0	
Range: -96-6	

## EL16 Main Sources of fuel using machines and equipment (el16)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 3173
Format: numeric	Invalid: 20991
Width: 22	
Decimals: 0	
Range: -96-6	

## EL17 Main Sources of human powered machines and equipment. (el17)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EL17 Main Sources of human powered machines and equipment. (el17)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 22  
Decimals: 0  
Range: -96-6

Valid cases: 4398  
Invalid: 19766

## EL18 Main Sources of animal powered machines and equipment (el18)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete  
Format: numeric  
Width: 22  
Decimals: 0  
Range: -96-6

Valid cases: 85  
Invalid: 24079

## EL19 Electrically operated (el19)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 17385  
Invalid: 6779

## EL20 Fuel Using (el20)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-1

Valid cases: 3173  
Invalid: 20991

## EL21 Human Powered (el21)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

## EL21 Human Powered (el21)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 4398
Format: numeric	Invalid: 19766
Width: 18	
Decimals: 0	
Range: -99-1	

## EL22 Animal Powered (el22)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 85
Format: numeric	Invalid: 24079
Width: 18	
Decimals: 0	
Range: -99-1	

## EL23 Electrically operated (el23)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 1829
Format: numeric	Invalid: 22335
Width: 31	
Decimals: 0	
Range: -96-6	

## EL24 Fuel Using (el24)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 353
Format: numeric	Invalid: 23811
Width: 31	
Decimals: 0	
Range: -96-6	

## EL25 Human Powered (el25)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EL25 Human Powered (el25)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 464
Format: numeric	Invalid: 23700
Width: 31	
Decimals: 0	
Range: -96-6	

## EL26 Animal Powered (el26)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 8
Format: numeric	Invalid: 24156
Width: 31	
Decimals: 0	
Range: -96-6	

## EM01 Did you apply for credit in the last three years? (em01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-1	

## EM02 How much did you apply for in (KSh)? (em02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 6649
Format: numeric	Invalid: 17515
Width: 12	Minimum: 20
Decimals: 0	Maximum: 900000000
Range: 20-900000000	Mean: 1475751.7
Invalid: 1000000001, 1000000001	Standard deviation: 16686273.2

## EM03 How much did you receive? (em03)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EM03 How much did you receive? (em03)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous	Valid cases: 6633
Format: numeric	Invalid: 17531
Width: 12	Minimum: 0
Decimals: 0	Maximum: 900000000
Range: 0-900000000	Mean: 1304757.9
Invalid: 1000000001, 1000000001	Standard deviation: 16349307.3

## EM04 What was the main credit source? (em04)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 7025
Format: numeric	Invalid: 17139
Width: 38	
Decimals: 0	
Range: -96-17	

## EM05 What was the main Purpose of Credit ? (em05)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 7025
Format: numeric	Invalid: 17139
Width: 25	
Decimals: 0	
Range: -96-6	

## EM06a Was the credit adequate ? (em06a)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 7025
Format: numeric	Invalid: 17139
Width: 18	
Decimals: 0	
Range: -99-1	

## EM06b Why was the amount of credit inadequate? (em06b)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## EM06b Why was the amount of credit inadequate? (em06b)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete	Valid cases: 2470
Format: numeric	Invalid: 21694
Width: 18	
Decimals: 0	
Range: -96-3	

## EM07 What was main source of information on credit? (em07)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 7025
Format: numeric	Invalid: 17139
Width: 24	
Decimals: 0	
Range: -96-4	

## EM08a During the last 12 months, did you attempt to borrow some money? (em08a)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 7025
Format: numeric	Invalid: 17139
Width: 8	
Decimals: 0	
Range: 0-1	

## EM08b Was your credit application turned down? (em08b)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Discrete	Valid cases: 3343
Format: numeric	Invalid: 20821
Width: 18	
Decimals: 0	
Range: -99-1	

## EM09 Who turned you down? (em09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview



## EM09 Who turned you down? (em09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 22  
Decimals: 0  
Range: -96-13

Valid cases: 265  
Invalid: 23899

## EM10\_1 What was the MOST important reason why you did not attempt to borrow in t (em10\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 38  
Decimals: 0  
Range: -96-8

Valid cases: 20821  
Invalid: 3343

## EM10\_2 What was the 2nd MOST important reason why you did not attempt to borrow (em10\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 38  
Decimals: 0  
Range: -96-8

Valid cases: 7786  
Invalid: 16378

## EM10\_3 What was the 3rd MOST important reason why you did not attempt to borrow (em10\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 38  
Decimals: 0  
Range: -96-8

Valid cases: 4662  
Invalid: 19502

## EM11 Does the business run a business account? (em11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

EM11 Does the business run a business account? (em11)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 18	
Decimals: 0	
Range: -99-1	

EM12 in what type of institution is the business account? (em12)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

Type: Discrete	Valid cases: 11768
Format: numeric	Invalid: 12396
Width: 22	
Decimals: 0	
Range: -96-7	

EM13 What was the MOST serious constraint to your business in the  
 last one year (em13)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 34	
Decimals: 0	
Range: -96-17	

EM14 What was the 2nd MOST serious constraint to your business in  
 the last one y (em14)  
 File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

**Overview**

Type: Discrete	Valid cases: 20712
Format: numeric	Invalid: 3452
Width: 34	
Decimals: 0	
Range: -96-17	

EM15 What was the 3rd MOST serious constraint to your business in the last one y (em15)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 34  
Decimals: 0  
Range: -96-17

Valid cases: 14128  
Invalid: 10036

(constraint\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: character  
Width: 219

Valid cases: 24161

(constraint\_2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: character  
Width: 134

Valid cases: 20711

(constraint\_3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: character  
Width: 241

Valid cases: 14126

EM16 What was the degree of the severity of constraint 1 -  $\{\text{constraint}_1\}$  (em16)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

EM16 What was the degree of the severity of constraint 1 -  
 $\{\text{constraint}_1\}$  (em16)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

Type: Discrete  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: 1-3

Valid cases: 20712  
 Invalid: 3452

EM17 What was the degree of the severity of constraint 2 -  
 $\{\text{constraint}_2\}$  (em17)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: 1-3

Valid cases: 14128  
 Invalid: 10036

EM18 What was the degree of the severity of constraint 3 -  
 $\{\text{constraint}_3\}$  (em18)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: 1-3

Valid cases: 7957  
 Invalid: 16207

EM19 What is a perceived solutions to constraint 1 -  $\{\text{constraint}_1\}$   
 (em19)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 51  
 Decimals: 0  
 Range: -96-15

Valid cases: 20712  
 Invalid: 3452

EM20 What is a perceived solutions to constraint 2 -  $\{\text{constraint}_2\}$   
(em20)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 14128
Format: numeric	Invalid: 10036
Width: 51	
Decimals: 0	
Range: -96-15	

EM21 What is a perceived solutions to constraint 3 -  $\{\text{constraint}_3\}$   
(em21)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 7957
Format: numeric	Invalid: 16207
Width: 51	
Decimals: 0	
Range: -96-15	

Over the past five years, HAVE YOU closed any income-generating establishments t (en01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 8	
Decimals: 0	
Range: 0-1	

EN01b How many income-generating establishments have you closed in the past 5 ye (en01b)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 1584
Format: numeric	Invalid: 22580
Width: 8	
Decimals: 0	
Range: 1-3	

## SET-OF-closed\_enterprise1 (setofclosed\_enterprise1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 104

Valid cases: 1584

## EB02 Date business was started or acquired? (eb02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 11

Valid cases: 24164  
Minimum: NaN  
Maximum: NaN

## EC84 Date started engaging persons aged- 5 - 12 years (ec84)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 11

Valid cases: 19  
Minimum: NaN  
Maximum: NaN

## EC86 Date started engaging persons aged -13 - 15 years (ec86)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 11

Valid cases: 83  
Minimum: NaN  
Maximum: NaN

## EC88 Date started engaging persons aged -16 - 17 years (ec88)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 11

Valid cases: 242  
Minimum: NaN  
Maximum: NaN

EC90 Date started engaging persons aged - 18-35 years (ec90)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 13319
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

EC90\_2 Date started engaging persons aged -36+ years (ec90\_2)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 4043
Format: character	Minimum: NaN
Width: 11	Maximum: NaN

(merge\_1)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 23	
Decimals: 0	
Range: 1-5	

(merge\_wgt1)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 23	
Decimals: 0	
Range: 1-5	

Establishment Weight (est\_wgt)  
File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

## Establishment Weight (est\_wgt)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Continuous  
 Format: numeric  
 Width: 10  
 Decimals: 0  
 Range: 1.41699881210815-387.077030033366

Valid cases: 24164  
 Invalid: 0  
 Minimum: 1.4  
 Maximum: 387.1  
 Mean: 76.6  
 Standard deviation: 75.9

## (merge\_wgt2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 23  
 Decimals: 0  
 Range: 1-5

Valid cases: 24164  
 Invalid: 0

## (merge\_isic)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 23  
 Decimals: 0  
 Range: 1-5

Valid cases: 24164  
 Invalid: 0

## (merge\_isic\_eb01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 23  
 Decimals: 0  
 Range: 1-5

Valid cases: 24164  
 Invalid: 0

## (merge\_isic\_eb14)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**



(merge\_isic\_eb14)

File: 2016 MSME Survey - Final establishments dataset with trainings data

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-5

Valid cases: 24164  
Invalid: 0

(merge\_isic\_eb18)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: numeric  
Width: 23  
Decimals: 0  
Range: 1-5

Valid cases: 24164  
Invalid: 0

(chk2)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 30

Valid cases: 22774  
Invalid: 0

(chk3)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 1

Valid cases: 22774  
Invalid: 0

(chk4)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete  
Format: character  
Width: 1

Valid cases: 0  
Invalid: 0

(chk5)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 22774
Format: character	Invalid: 0
Width: 23	

(chk6)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 22774
Format: character	Invalid: 0
Width: 3	

EE01 What is the highest level of education completed by  $\{\text{name\_empl2}\}$ ? (ee01)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 22774
Format: numeric	Invalid: 1390
Width: 40	
Decimals: 0	
Range: -99-27	

EE01\_1 In which year did  $\{\text{name\_empl2}\}$  complete this highest level? (ee01\_1)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 17480
Format: numeric	Invalid: 6684
Width: 8	Minimum: 1930
Decimals: 0	Maximum: 2016
Range: 1930-2016	Mean: 1996.6
Invalid: 10001, 10001	Standard deviation: 12.2

EE02 What is the highest education qualification completed by  $\{\text{name\_empl2}\}$ ? (ee02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

EE02 What is the highest education qualification completed by  $\{\text{name\_empl2}\}$ ? (ee02)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 21522
Format: numeric	Invalid: 2642
Width: 33	
Decimals: 0	
Range: -99-11	

EE03 What other vocational/ Professional training has  $\{\text{name\_empl2}\}$  attained? (ee03)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 22774
Format: numeric	Invalid: 1390
Width: 21	
Decimals: 0	
Range: -96-12	

EE04 Which type of Institution has  $\{\text{name\_empl2}\}$  attended? (ee04)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 8340
Format: numeric	Invalid: 15824
Width: 28	
Decimals: 0	
Range: -96-7	

Please enter the number of different types of training (train\_number)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Continuous	Valid cases: 21739
Format: numeric	Invalid: 2425
Width: 8	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 0.3
Invalid: 1001, 1001	Standard deviation: 1.5

EE05 What was  $\${name\_empl2}$ 's MOST important type of training received? (ee05)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 3211
Format: numeric	Invalid: 20953
Width: 28	
Decimals: 0	
Range: -98-8	

EE06 What was the duration of this training? (ee06)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 3211
Format: numeric	Invalid: 20953
Width: 18	
Decimals: 0	
Range: -99-5	

EE07 What type of institution did  $\${name\_empl2}$  undertake this training? (ee07)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 3211
Format: numeric	Invalid: 20953
Width: 28	
Decimals: 0	
Range: -96-7	

EE08 Who sponsored this training? (ee08)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 3211
Format: numeric	Invalid: 20953
Width: 28	
Decimals: 0	
Range: -96-8	

EE09 What was  $\${name\_empl2}$ 's 2nd MOST important type of training received? (ee09)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 28  
Decimals: 0  
Range: -98-8

Valid cases: 1029  
Invalid: 23135

EE10 What was the duration of this training? (ee10)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 18  
Decimals: 0  
Range: -99-5

Valid cases: 1029  
Invalid: 23135

EE11 What type of institution did  $\${name\_empl2}$  undertake this training? (ee11)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 28  
Decimals: 0  
Range: -96-7

Valid cases: 1029  
Invalid: 23135

EE12 Who sponsored this training? (ee12)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete  
Format: numeric  
Width: 28  
Decimals: 0  
Range: -96-8

Valid cases: 1029  
Invalid: 23135

EE13 What was  $\${name\_empl2}$  3rd MOST important type of training received? (ee13)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 504
Format: numeric	Invalid: 23660
Width: 28	
Decimals: 0	
Range: -98-8	

EE14 What was the duration of this training? (ee14)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 504
Format: numeric	Invalid: 23660
Width: 18	
Decimals: 0	
Range: -99-5	

EE15 What type of institution did  $\${name\_empl2}$ 's undertake this training? (ee15)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 504
Format: numeric	Invalid: 23660
Width: 28	
Decimals: 0	
Range: -96-7	

EE16 Who sponsored this training? (ee16)

File: 2016 MSME Survey - Final establishments dataset with trainings data

#### Overview

Type: Discrete	Valid cases: 504
Format: numeric	Invalid: 23660
Width: 28	
Decimals: 0	
Range: -96-8	

EE17 What is the MOST important type of training required by  
 \${name\_empl2} ? (ee17)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

#### Overview

Type: Discrete	Valid cases: 22774
Format: numeric	Invalid: 1390
Width: 28	
Decimals: 0	
Range: -98-8	

EE18 What is the 2nd MOST important type of training required by  
 \${name\_empl2} (ee18)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

#### Overview

Type: Discrete	Valid cases: 16273
Format: numeric	Invalid: 7891
Width: 28	
Decimals: 0	
Range: -98-8	

(merge\_emp1)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

#### Overview

Type: Discrete	Valid cases: 22774
Format: numeric	Invalid: 1390
Width: 23	
Decimals: 0	
Range: 1-5	

(merge\_emp)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

#### Overview

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 23	
Decimals: 0	
Range: 1-5	

(total\_employees)

File: 2016 MSME Survey - Final establishments dataset with  
 trainings data

(total\_employees)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 9	Minimum: 1
Decimals: 0	Maximum: 7508
Range: 1-7508	Mean: 6.3
	Standard deviation: 55.2

(total\_employ)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Discrete	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 24	
Decimals: 0	
Range: 1-9	

(total\_males\_emp)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 6004
Range: 0-6004	Mean: 3.9
	Standard deviation: 42.9

(total\_females\_emp)

File: 2016 MSME Survey - Final establishments dataset with trainings data

**Overview**

Type: Continuous	Valid cases: 24164
Format: numeric	Invalid: 0
Width: 9	Minimum: 0
Decimals: 0	Maximum: 1504
Range: 0-1504	Mean: 2.5
	Standard deviation: 14.8

(tot\_exp)

File: 2016 MSME Survey - Final establishments dataset with trainings data



(tot\_exp)

## File: 2016 MSME Survey - Final establishments dataset with trainings data

### Overview

Type: Continuous  
Format: numeric  
Width: 9  
Decimals: 0  
Range: -2277-906684544

Valid cases: 24160  
Invalid: 4  
Minimum: -2277  
Maximum: 906684544  
Mean: 1106675.9  
Standard deviation: 16547735.9

# Documentation

## Other materials

### MSME - Enterprise questionnaire

---

Title MSME - Enterprise questionnaire  
Filename Docs/MSME - Enterprise questionnaire.pdf

---

### 2016 MSME - Basic Report

---

Title 2016 MSME - Basic Report  
Filename Docs/2016 MSME - Basic Report.pdf

---

### THE 2016 MSME SURVEY HIGHLIGHTS OF BASIC REPOR

---

Title THE 2016 MSME SURVEY HIGHLIGHTS OF BASIC REPOR  
Filename Docs/THE 2016 MSME SURVEY HIGHLIGHTS OF BASIC REPORT.pdf

---