

Rwanda - Rwanda Establishment Census 2017

**National Institute of Statistics of Rwanda - Ministry of Finance and Economic
Planning**

Report generated on: February 14, 2019

Visit our data catalog at: <http://microdata.statistics.gov.rw/index.php>

Overview

Identification

ID NUMBER
rwa-nisr-rec-2017-V0.1

Version

VERSION DESCRIPTION
V0.1: Edited, anonymous dataset for public distribution.

PRODUCTION DATE
2018-06

Overview

ABSTRACT

The establishment census 2017 consisted of a complete counting of all establishments practicing a specific economic activity in Rwanda except not-for-sale governmental services.

The main objectives of this census are:

- To provide detailed information on the establishments' characteristics and their spatial distribution;
- To provide detailed information about the economic activity of all establishments operating in Rwanda;
- To update data of the enterprise database, the general sample frame of economic, administrative and public-service establishments for use in sample surveys.

The 2017 Establishment Census is designed to achieve the following specific objectives:

- To produce a comprehensive and updated data profile of all economic activities by establishments operating in Rwanda;
- To provide detailed tabulations about the establishments' characteristics, e.g, geographical location, number of employees, registration status, legal status, ownership, sector of activity, manager or owner sex;
- To produce data necessary to classify establishments according to their size (micro, small, medium, and large);
- To lay out the data foundation needed to identify formal and informal economic sectors in Rwanda.

KIND OF DATA
Census/enumeration data [cen]

UNITS OF ANALYSIS

The unit analysis of this study is establishment excluding governmental establishments which provide not-for-sale services. However, for employment component, all institutions were covered including 'not-for-sale services' government institutions. It is important to note that this census excludes diplomatic missions operating in Rwanda.

Scope

NOTES

This census covered the following themes: Economic activity, Legal status, Registration of establishment, Taxation, Capital

employed, Regular operation accounts, Socio economic characteristics of the establishment staff, Payment Status and Sex of employees

KEYWORDS

Rwanda Establishment Census 2017

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The study covered all establishments except governmental establishments that provide not-for-sale services. However, for employment component, all institutions were covered including 'not-for-sale services' government institutions. It is important to note that this census excludes diplomatic missions operating in Rwanda.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Institute of Statistics of Rwanda	Ministry of Finance and Economic Planning

OTHER PRODUCER(S)

Name	Affiliation	Role
Ministry of Trade and Industry		Technical assistance
National Bank		Technical assistance
Private Sector Federation		Technical assistance
Ministry of Youth and ICT		Technical assistance
Rwanda Cooperatives Agency		Technical assistance
Ministry of Public Services and Labour		Technical assistance
Rwanda development Board		Technical assistance
Rwanda Revenue Authority		Technical assistance

FUNDING

Name	Abbreviation	Role
Government of Rwanda	GoR	Funding

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Local Government	Ministry of Local Government	Awareness and mobilization

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
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Name	Abbreviation	Affiliation	Role
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning	study description

DATE OF METADATA PRODUCTION
2019-02-14

DDI DOCUMENT VERSION
v0.1

DDI DOCUMENT ID
ddi-rwa-nisr-rec-2017-V0.1

Sampling

Sampling Procedure

N/A

Deviations from Sample Design

N/A

Weighting

N/A

Questionnaires

Overview

The questionnaire was developed in English and translated into Kinyarwanda. Appropriate tests were performed which provided feedback to improve the questionnaire.

Data Collection

Data Collection Dates

Start	End	Cycle
2017-12-18	2018-01-21	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

A five-day training session was organised to train all field supervisors: Team leaders, Zonal and Regional Supervisors. The training of trainers took place at NOBLEZA Hotel during the period of 20th to 24th November, 2017. The purpose of this training was to train senior field personnel who were trainers of enumerators involved in the establishment Census data collection.

The training of trainers was followed by a two days field practice in KAMONYI district to test materials that were to be used for the training of enumerators and main field data collection. In this case, the electronic application used for the data collection of the establishment census was tested to ensure the flow of the questionnaire, skips instructions and modalities of responses.

Furthermore, the data transmission was tested from field to NISR's server as the data collection was supposed to use electronic devices (smartphones). After the pre-test, a debriefing session was held with the pre-test field staff, and improvement to the questionnaire, manual and application was made based on lessons drawn from the field test exercise. In two rounds of 6 days each, about 1006 enumerators and 67 team leaders were trained for the main data collection countrywide. The trainings were conducted by trainers trained during the training of trainers in November 2017. During the trainings, class presentations were followed by mock interviews, group practice and role playing among participants. After the coverage of the questionnaire content, the focus was made on how to use electronic devices in data collection (data capture) by using smart phones device, GPS coordinates taking and data transmission. More practices were given to the enumerators to ensure the data quality and completeness of data collected regarding establishments census. Also field procedures were covered so that people follow same procedures during data collection.

Questionnaires

The questionnaire was developed in English and translated into Kinyarwanda. Appropriate tests were performed which provided feedback to improve the questionnaire.

Data Collectors

Name	Abbreviation	Affiliation
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning

Supervision

The data collection was carried out by 946 enumerators dispatched countrywide. One, two or more than two enumerators were assigned to do the enumeration within a sector according to the expected number of establishments. Two or more than two team leaders by district were assigned to supervise the data collection at district level and ensure smooth data collection activities and data quality. There has been a number of senior management visits to track the progress of the data collection.

Data Processing

Data Editing

Since electronic devices were used for the data collection, data were directly sent to the NISR's server, a drop box was created to receive daily data from the field and concatenate data into SPSS and STATA files. A daily progress report was sent back to team leaders and supervisors to ensure that progress is going well as planned and take appropriate measures if necessary. Data quality was assessed at daily basis and feedback sent back to the field so that they take appropriate measures wherever is necessary

In fact, data editing has been performed continuously throughout data collection for the purpose of detecting out-of-range and/or inconsistent data values. Appropriate actions have been taken to cope with any doubtful data and to introduce necessary corrections.

Upon producing the clean data file, statistical tabulations have been generated.

Data Appraisal

No content available

File Description

Variable List

data-rwa-nisr-ec-2017

Content	This is the microdata file for Establishment census 2017.
Cases	190288
Variable(s)	72
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V96	q1_2	Q1.2 District	contin	numeric	
V97	q1_1	Q1.1 Province	discrete	numeric	
V98	q1_5_1	Q1.5_1 Village type	discrete	numeric	
V99	q2	Q2. Working place	discrete	numeric	
V100	q3	Q3. Working status	discrete	numeric	
V101	q4_2	Q4.2 Manager sex	discrete	numeric	
V102	q4_3	Q4.3 Manager age	contin	numeric	
V103	q5_1	Q5.1 Month of starting operation in Rwanda	discrete	numeric	
V104	q5_2	Q5.2 Year of starting operation in Rwanda	contin	numeric	
V105	q6_1	ISIC_1_digit	discrete	numeric	
V106	q7	Q7 Institutional sector	discrete	numeric	
V107	q8	Q8 Categories of mixed sector	discrete	numeric	
V108	q9	Q9 Nationality of owner	discrete	numeric	
V109	q10	Q10 Legal status	discrete	numeric	
V110	q11	Q11 Is the management of establishment completely separated from the household m	discrete	numeric	
V111	q12	Q12 Is the owner of the establishment its manager?	discrete	numeric	
V112	q13	Q13 Sex of the owner	discrete	numeric	
V113	q14	Q14 Age of the owner	contin	numeric	
V114	q15_1	Q15.1 Does the establishment maintain regular accounts?	discrete	numeric	
V115	q15_2	Q15.2 Which of the following books is used	discrete	character	
V116	q15_2a	Q15_2A Ledgers	discrete	numeric	
V117	q15_2b	Q15_2B Journals	discrete	numeric	
V118	q15_2c	Q15_2C Balance sheet	discrete	numeric	
V119	q15_2d	Q15_2D Income statement (Profit and loss account)	discrete	numeric	
V120	q15_2e	Q15_2E Invoice	discrete	numeric	
V121	q16	Q16 Establishment type	discrete	numeric	

ID	Name	Label	Type	Format	Question
V122	q17_2	Q17.2 Total number of branches in rwanda including the head office	contin	numeric	
V123	q17_3	Q17.3 Total number of working persons in all branches in rwanda including the he	contin	numeric	
V124	q20	Q20. Annual total turnover in 2016	discrete	numeric	
V125	q21	Q21. Current employed capital	discrete	numeric	
V126	q22	Q22. Is the establishment registered in any of the following institutions?	discrete	character	
V127	q22_other	Q22. Specify other	discrete	character	
V128	q22_o0	Q22. Specify other	discrete	character	
V129	q22a	Q22A Sector	discrete	numeric	
V130	q22b	Q22B District	discrete	numeric	
V131	q22c	Q22C Rwanda cooperative Agency (RCA) only Cooperative	discrete	numeric	
V132	q22d	Q22D Private sector Federation (PSF)	discrete	numeric	
V133	q22e	Q22E Rwanda Governance Board (RGB) only NGO	discrete	numeric	
V134	q22f	Q22F Social Security Board (RSSB)	discrete	numeric	
V135	q22g	Q22G Rwanda Development Board (RDB)	discrete	numeric	
V136	q22h	Q22H Rwanda Revenue Authority (RRA)	discrete	numeric	
V137	q22i	Q22I Directorate of Immigration and Emigration	discrete	numeric	
V138	q22j	Q22J Other	discrete	numeric	
V139	q22z	Q22Z No registration	discrete	numeric	
V140	q23_1	Q23.1 Did you have any transaction of goods with a foreign country during the la	discrete	numeric	
V141	q23_2	Q23.2 Did you have any transaction of services with a foreign country during the	discrete	numeric	
V142	q24	Q24. What type of taxes do you pay?	discrete	character	
V143	q24a	Q24A Value Added Tax (VAT)	discrete	numeric	
V144	q24b	Q24B TPR/PAYE	discrete	numeric	
V145	q24c	Q24C Income tax	discrete	numeric	
V146	q24d	Q24D Excise duties tax	discrete	numeric	
V147	q24e	Q24E Import duties tax	discrete	numeric	
V148	q24f	Q24F Trading license tax	discrete	numeric	
V149	q24g	Q24G Rental income tax	discrete	numeric	
V150	q24h	Q24H Flat tax	discrete	numeric	
V151	q24z	Q24Z No tax	discrete	numeric	
V152	q25	Q25. Do you have a tin number	discrete	numeric	
V153	Owner_sex	Sex of owner	discrete	numeric	
V154	Owner_age	Age of owner	discrete	numeric	
V155	FI	Formal and Informal enterprises	discrete	numeric	
V156	owner	Owner of establishment	discrete	numeric	

ID	Name	Label	Type	Format	Question
V157	start_y	Year of starting intervals	discrete	numeric	
V158	Male_worker	Enterprise male workers	contin	numeric	
V159	Female_worker	Enterprise female workers	contin	numeric	
V160	Total_workers	Enterprise total workers	contin	numeric	
V161	Foreign_male	Enterprise Foreign male workers	contin	numeric	
V162	Rwandan_workers	Enterprise Rwandan workers	contin	numeric	
V163	Rwandan_male	Enterprise Rwandan male workers	contin	numeric	
V164	Foregner_workers	Enterprise Foreigner workers	contin	numeric	
V165	Rwandan_female	Enterprise Rwandan female workers	contin	numeric	
V166	Foreign_female	Enterprise foreign female workers	contin	numeric	
V167	size2	Size based on number of workers at enterprise level	discrete	numeric	

Q1.2 District (q1_2)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 2	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

Q1.1 Province (q1_1)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-5	

Q1.5_1 Village type (q1_5_1)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

Q2. Working place (q2)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

Q3. Working status (q3)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

Q4.2 Manager sex (q4_2)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Q4.3 Manager age (q4_3)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 2	Minimum: 9
Decimals: 0	Maximum: 98
Range: 9-98	

Q5.1 Month of starting operation in Rwanda (q5_1)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 189900
Format: numeric	Invalid: 388
Width: 2	
Decimals: 0	
Range: 1-12	

Q5.2 Year of starting operation in Rwanda (q5_2)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 4	Minimum: 1900
Decimals: 0	Maximum: 9999
Range: 1900-9999	

ISIC_1_digit (q6_1)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Q7 Institutional sector (q7)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-6	

Q8 Categories of mixed sector (q8)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 3879
Format: numeric	Invalid: 186409
Width: 1	
Decimals: 0	
Range: 1-2	

Q9 Nationality of owner (q9)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-91	

Q10 Legal status (q10)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Q11 Is the management of establishment completely separated from the household m (q11)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 175253
Format: numeric	Invalid: 15035
Width: 1	
Decimals: 0	
Range: 1-2	

Q12 Is the owner of the establishment its manager? (q12)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 175253
Format: numeric	Invalid: 15035
Width: 1	
Decimals: 0	
Range: 1-2	

Q13 Sex of the owner (q13)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 9246
Format: numeric	Invalid: 181042
Width: 1	
Decimals: 0	
Range: 1-9	

Q14 Age of the owner (q14)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 9246
Format: numeric	Invalid: 181042
Width: 2	Minimum: 9
Decimals: 0	Maximum: 99
Range: 9-99	Mean: 38.7
	Standard deviation: 11.3

Q15.1 Does the establishment maintain regular accounts? (q15_1)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-2	

Q15.2 Which of the following books is used (q15_2)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 20857
Format: character	Invalid: 0
Width: 5	

Q15_2A Ledgers (q15_2a)

File: data-rwa-nisr-ec-2017

Q15_2A Ledgers (q15_2a)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 21194
Format: numeric	Invalid: 169094
Width: 1	
Decimals: 0	
Range: 0-9	

Q15_2B Journals (q15_2b)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 21194
Format: numeric	Invalid: 169094
Width: 1	
Decimals: 0	
Range: 0-9	

Q15_2C Balance sheet (q15_2c)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 21194
Format: numeric	Invalid: 169094
Width: 1	
Decimals: 0	
Range: 0-9	

Q15_2D Income statement (Profit and loss account) (q15_2d)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 21194
Format: numeric	Invalid: 169094
Width: 1	
Decimals: 0	
Range: 0-9	

Q15_2E Invoice (q15_2e)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 21194
Format: numeric	Invalid: 169094
Width: 1	
Decimals: 0	
Range: 0-9	

Q16 Establishment type (q16)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-4	

Q17.2 Total number of branches in rwanda including the head office (q17_2)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 703
Format: numeric	Invalid: 189585
Width: 3	Minimum: 2
Decimals: 0	Maximum: 675
Range: 2-675	Mean: 7.7
	Standard deviation: 28.9

Q17.3 Total number of working persons in all branches in rwanda including the he (q17_3)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 703
Format: numeric	Invalid: 189585
Width: 5	Minimum: 1
Decimals: 0	Maximum: 15450
Range: 1-15450	Mean: 80.3
	Standard deviation: 631.4

Q20. Annual total turnover in 2016 (q20)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 109642
Format: numeric	Invalid: 80646
Width: 1	
Decimals: 0	
Range: 1-9	

Q21. Current employed capital (q21)

File: data-rwa-nisr-ec-2017

Overview

Q21. Current employed capital (q21)

File: data-rwa-nisr-ec-2017

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

Valid cases: 190288
Invalid: 0

Q22. Is the establishment registered in any of the following institutions? (q22)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete
Format: character
Width: 10

Valid cases: 190024
Invalid: 0

Q22. Specify other (q22_other)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete
Format: character
Width: 50

Valid cases: 906
Invalid: 0

Q22. Specify other (q22_o0)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete
Format: character
Width: 1

Valid cases: 0
Invalid: 0

Q22A Sector (q22a)

File: data-rwa-nisr-ec-2017

Overview

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

Valid cases: 190288
Invalid: 0

Q22B District (q22b)

File: data-rwa-nisr-ec-2017

Overview

Q22B District (q22b)

File: data-rwa-nisr-ec-2017

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

Valid cases: 190288
 Invalid: 0

Q22C Rwanda cooperative Agency (RCA) only Cooperative (q22c)

File: data-rwa-nisr-ec-2017

Overview

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

Valid cases: 190170
 Invalid: 118

Q22D Private sector Federation (PSF) (q22d)

File: data-rwa-nisr-ec-2017

Overview

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

Valid cases: 190170
 Invalid: 118

Q22E Rwanda Governance Board (RGB) only NGO (q22e)

File: data-rwa-nisr-ec-2017

Overview

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

Valid cases: 190170
 Invalid: 118

Q22F Social Security Board (RSSB) (q22f)

File: data-rwa-nisr-ec-2017

Overview

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

Valid cases: 190288
 Invalid: 0

Q22G Rwanda Development Board (RDB) (q22g)

File: data-rwa-nisr-ec-2017

Q22G Rwanda Development Board (RDB) (q22g)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q22H Rwanda Revenue Authority (RRA) (q22h)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q22I Directorate of Immigration and Emigration (q22i)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190170
Format: numeric	Invalid: 118
Width: 1	
Decimals: 0	
Range: 0-1	

Q22J Other (q22j)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190170
Format: numeric	Invalid: 118
Width: 1	
Decimals: 0	
Range: 0-1	

Q22Z No registration (q22z)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 6
Format: numeric	Invalid: 190282
Width: 1	
Decimals: 0	
Range: 0-1	

Q23.1 Did you have any transaction of goods with a foreign country during the 1a (q23_1)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Q23.2 Did you have any transaction of services with a foreign country during the 1a (q23_2)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-9	

Q24. What type of taxes do you pay? (q24)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190014
Format: character	Invalid: 0
Width: 8	

Q24A Value Added Tax (VAT) (q24a)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24B TPR/PAYE (q24b)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24C Income tax (q24c)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24D Excise duties tax (q24d)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24E Import duties tax (q24e)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24F Trading license tax (q24f)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24G Rental income tax (q24g)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24H Flat tax (q24h)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

Q24Z No tax (q24z)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 56250
Format: numeric	Invalid: 134038
Width: 1	
Decimals: 0	
Range: 0-1	

Q25. Do you have a tin number (q25)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190167
Format: numeric	Invalid: 121
Width: 1	
Decimals: 0	
Range: 1-2	

Sex of owner (Owner_sex)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 175253
Format: numeric	Invalid: 15035
Width: 1	
Decimals: 0	
Range: 1-9	

Age of owner (Owner_age)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 175253
Format: numeric	Invalid: 15035
Width: 2	
Decimals: 0	
Range: 9-99	

Formal and Informal enterprises (FI)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 180746
Format: numeric	Invalid: 9542
Width: 1	
Decimals: 0	
Range: 1-2	

Owner of establishment (owner)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 175291
Format: numeric	Invalid: 14997
Width: 1	
Decimals: 0	
Range: 1-2	

Year of starting intervals (start_y)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 2	
Decimals: 0	
Range: 1-99	

Enterprise male workers (Male_worker)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9613
Range: 0-9613	Mean: 2.1
	Standard deviation: 33.4

Enterprise female workers (Female_worker)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5837
Range: 0-5837	Mean: 1.2
	Standard deviation: 17.5

Enterprise total workers (Total_workers)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 5	Minimum: 1
Decimals: 0	Maximum: 15450
Range: 1-15450	Mean: 3.3
	Standard deviation: 49

Enterprise Foreign male workers (Foreign_male)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 3	Minimum: 0
Decimals: 0	Maximum: 113
Range: 0-113	Mean: 0
	Standard deviation: 0.7

Enterprise Rwandan workers (Rwandan_workers)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 5	Minimum: 0
Decimals: 0	Maximum: 15006
Range: 0-15006	Mean: 3.2
	Standard deviation: 48

Enterprise Rwandan male workers (Rwandan_male)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9245
Range: 0-9245	Mean: 2
	Standard deviation: 32.5

Enterprise Foreigner workers (Foregner_workers)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 3	Minimum: 0
Decimals: 0	Maximum: 444
Range: 0-444	Mean: 0.1
	Standard deviation: 1.5

Enterprise Rwandan female workers (Rwandan_female)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5761
Range: 0-5761	Mean: 1.2
	Standard deviation: 17.4

Enterprise foreign female workers (Foreign_female)

File: data-rwa-nisr-ec-2017

Overview

Type: Continuous	Valid cases: 186822
Format: numeric	Invalid: 3466
Width: 3	Minimum: 0
Decimals: 0	Maximum: 444
Range: 0-444	Mean: 0
	Standard deviation: 1.2

Size based on number of workers at enterprise level (size2)

File: data-rwa-nisr-ec-2017

Overview

Type: Discrete	Valid cases: 190288
Format: numeric	Invalid: 0
Width: 4	
Decimals: 0	
Range: 1-9999	

Documentation

Questionnaires

Establishment Census Questionnaire 2017 (English)

Title Establishment Census Questionnaire 2017 (English)
 Author(s) NISR
 Country Rwanda
 Language English
 Publisher(s) NISR
 Description This is the questionnaire for Establishment census 2017 in English language
 Filename q-rwa-nisr-ec-2017-eng.docx

Establishment Census 2017 Questionnaire(Kinyarwanda)

Title Establishment Census 2017 Questionnaire(Kinyarwanda)
 Author(s) NISR
 Country Rwanda
 Language Kinyarwanda
 Publisher(s) NISR
 Description This is the questionnaire for Establishment Census 2017 in Kinyarwanda
 Filename q-rwa-nisr-ec-2017-Kiny.docx

Reports

Rwanda Establishment Census Report 2017

Title Rwanda Establishment Census Report 2017
 Author(s) The National Institute of Statistics of Rwanda (NISR)
 Date 2018-06-01
 Country Rwanda
 Language English
 Publisher(s) NISR
 Description This is the report of findings from Establishment Census 2017

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Filename	rwa-nisr-ec-2017-report-eng.pdf	

Technical documents

LISTING FORM

Title LISTING FORM
Author(s) NISR
Date 2017-01-01
Country Rwanda
Language Kinyarwanda
Publisher(s) NISR
Description This is the listing form used during the Establishment Census 2017 in Rwanda.
Filename rwa-nisr-ec-2017-listing.docx
