

# Rwanda - Agricultural Household Survey 2017

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

Report generated on: May 17, 2020

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## Overview

### Identification

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ID NUMBER  
RWA-NISR-RAHS-2017-V0.1

### Version

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VERSION DESCRIPTION  
Version 0.1 Edited anonymized dataset for public use

PRODUCTION DATE  
2017-07-28

#### NOTES

Data collection consists of two distinct phases: The first Phase, known as Listing of households, consists of visiting all sampled segments and after identifying a dwelling (household) enumerators through reading the definition of household to the household head, identify the number of households in that dwelling record the information on household's main activity whereby each household was asked if there is at least one household member who was engaged in cropping or/ and livestock during the agricultural year 2016/2017.the second phase consists of visiting agricultural household from listing, all of them were interviewed and records were taken using survey instruments.In this phase each sampled agricultural household is requested to provide information related to socio-economic characteristics of agricultural households, crop production, use of agricultural production, awareness of agriculture technology, government policies and programs, access to inputs, access to finance, agricultural assets and livestock numbers.

For AHS 2017 NISR employed 200 field workers 168 enumerators, 23 Team leaders at district level, 7 regional supervisors and 3 data editors. Training was provided to all fieldwork personnel on the data collection methodologies associated with the use of GPS household location and computer tablet questionnaires used for data collection. The computer assisted personal interviewing data collection method allowed for very fast and efficient uploading and transfer of the enumerated data from the field to NISR headquarters for processing. The tablet software instruments (electronic version of the paper questionnaires) allowed for instantaneous checking of the respondent data and automatically directed the enumerator questioning to reduce non-sampling errors within the data collection.

## Overview

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#### ABSTRACT

Agriculture statistics are useful for monitoring progress on agriculture programs and policies in Rwanda. The government of Rwanda needs updated information on agricultural household in order to assist in addressing key agricultural issues and information needs that will inform policy makers and other stakeholders and allow more effective identification of priority intervention needs and to facilitate evidence-based decision making for the development of Agriculture sector.

KIND OF DATA  
Sample survey data [ssd]

UNITS OF ANALYSIS  
This seasonal agriculture survey focused on the following units of analysis: Agricultural Households for both household and individual level.

## Scope

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NOTES

The scope of 2017 Agricultural Household Survey was related to socio-economic characteristics of agricultural households, crop production, use of agricultural production, awareness of agriculture technology, government policies and programs, access to inputs, access to finance, agricultural assets and livestock numbers

## Coverage

### GEOGRAPHIC COVERAGE

National coverage

### UNIVERSE

All household members

## 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 Agriculture and Animal Resources	Government of Rwanda	

### FUNDING

Name	Abbreviation	Role
Government of Rwanda	GoR	Funding

## Metadata Production

### METADATA PRODUCED BY

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

### DATE OF METADATA PRODUCTION

2019-02-18

### DDI DOCUMENT VERSION

Version 0.1 Edited anonymized dataset for public use

### DDI DOCUMENT ID

RWA-NISR-RAHS-2017-V0.1

## Sampling

### Sampling Procedure

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In order to provide the basis for conducting sample surveys based on complete coverage of the household level in all 30 districts of Rwanda, and as a better way of collecting agricultural household data and finding better precise survey estimates, agricultural household survey (AHS) used a Multiple-Frame Sampling (MFS) methodology by which, area frame was constructed and survey sample was drawn from it.

In the sampling strategy of the SAS 2017, it was proposed that 960 PSUs be selected in the first instance by systematic sampling method with probability proportional to size. At the second stage the sampled PSUs were divided into SSUs among which only one SSU was sampled at random for each PSU and used for the survey. 960 segments were drawn from three agricultural strata including intensive agriculture land on hillsides (stratum 1.1), intensive agriculture land in marshlands (stratum 2.0), rangelands (stratum 3.0). Using the open segment obliges to include urban strata in the sampling frame. Apart from stated strata, village stratum which combines two substrata; urban area (stratum 4.1) rural settlements (stratum 4.2) was added to the sample frame. This stratum was divided into segments and a sample of 600 segments was drawn by systematic sampling method. It should be mentioned that the Stratum 4.1 and 4.2 were specially added to the purpose of having a complete sampling frame for estimation of livestock since a major portion of livestock are associated with households located in villages and rural urban area adjacent to grazing land that had previously been missing for all of the previous SAS area sampling frames.

This survey was conducted among private agricultural households, in 4 strata used in Seasonal agricultural survey. Households were listed from the 1,560 sampled segments in the country. Among the listed households 16,057 households were found the ones applying agricultural activities. A single visit was done in every identified agricultural household and the information collected covered two agricultural seasons A and B of 2017 agricultural year.

### Weighting

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Taking into consideration of full completeness of the segment, sampling weights were calculated for each stratum in each district considering the total number of segments in the stratum and the sample size in the specific stratum. The weight was calculated as the inverse of the overall probability of selection, taking into account the probabilities from all sampling stages. For strata 1.1, 2.0 and 3.0, the sampling of segments was done through two stages and probabilities were calculated for each sampling stage. For strata 4.1 and 4.2 the sampling of segments was done through one stage and probabilities were calculated in order to determine the weight.

# Questionnaires

## Overview

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Listing questionnaire was used to list all households inside the segment

Agricultural household questionnaire was used to collect data in agricultural households and contained twelve sections:

Section 0. general information

Section I: Household member's characteristics

Section II: land tenure and crops planted during agricultural year 2016-2017 agricultural year

Section III: extension services and agricultural programs in 2016-2017 agricultural year

Section IV: funding during 2016-2017 agricultural year

Section V: agricultural inputs during 2016-2017 agricultural year

Section VI: agricultural practices during 2016-2017 agricultural year

Section VII: agricultural tools during 2016-2017 agricultural year

Section VIII: Use of production, storage facilities and expenses on harvesting and storage during 2016-2017 agricultural year

Section IX: number of animals

Section X: animal's products and use

Section XI: animal inputs and services

Questionnaire design took into account the requests raised by major data users and stakeholders, it was developed in English then translated into Kinyarwanda for data collection, All the sections of the questionnaire were published in English.

## Data Collection

### Data Collection Dates

Start	End	Cycle
2017-07-18	2017-07-28	Listing of households
2017-07-30	2017-09-04	Interview for agricultural households

### Data Collection Mode

Face-to-face [f2f]

### Data Collection Notes

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### Data Collectors

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

## Supervision

At the bottom of the hierarchy, there are enumerators who would be assisted by a team leader. His/ her main function is to introduce the enumerators to the various key people from the sector to the villages leaders up to operators in the Secondary Sampling Unit (known as Segment), and assist enumerators during the whole course of the survey.

Responsibilities of a Team Leader is to manage the interviewers to ensure successful completion and quality of data collected in a given time period for the fieldwork. He/she was expected to record information about the fieldwork, which track the status of completion of the work in the field, document problems in the field and solutions taken to resolve these problems.

At the middle of the hierarchy, there are team leaders at regional level who assist district teams. Specifically, his/her tasks included: 1. Introduce the survey and interviewers at local level where the survey is administered. 2. Monitor and attend some interviews and make comments on the worker's performance. 3. Meet frequently with each member of the group to discuss, improve and organize work. 4. Check the availability of all the necessary items before going on field. 5. Help workers to solve the problems they encounter 6. Manage the team's work schedule 7. Communicate with NISR, regarding field issues, as necessary.

A higher-level supervision staff from NISR visited the field teams during each phase of data collection to ensure quality of data.

## Data Processing

### Data Editing

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The questionnaire was designed in CPro software to facilitate electronic data collection. Tablets were used to collect data

Data editing took place at a number of stages throughout the processing, including:

- a) During data entry
- b) Office editing and coding
- c) Structure checking and completeness

### Other Processing

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In this survey Computer-Assisted Personal Interviewing (CAPI) technique was used in order to improve the speed of delivery and quality of data.



# Data Appraisal

No content available

# File Description

# Variable List

## S0\_General Information

Content	This data file is related to agricultural household questionnaire Section 0. It contains data on identification of respondent and main activity done by household
Cases	23709
Variable(s)	25
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V1	idquest	Household_ID	contin	numeric	
V2	Segment_ID	Segment_ID	contin	numeric	
V3	s0q0	0.0 Is there any household in the segment?	contin	numeric	
V4	s0q1	0.1 Province	contin	numeric	
V5	s0q2	0.2 District	contin	numeric	
V6	s0q3	0.3 Stratum	contin	numeric	
V7	s0q4	0.4 Segment	contin	numeric	
V8	s0q5	0.5 House number	contin	numeric	
V9	s0q6	0.6 Household Number	contin	numeric	
V10	s0q7	0.7 Names of Household head	discrete	character	
V11	s0q8	0.8 Contact of Household head	discrete	character	
V12	s0q9	0.9 Is the respondent the Household head?	contin	numeric	
V13	s0q10	0.10 Names of the respondent if not the Household head	discrete	character	
V14	s0q11	0.11 Contact of the respondent if not the Household head	discrete	character	
V15	s0q12	0.12 Relationship to the Household head	contin	numeric	
V16	s0q13	0.13 What is the agricultural activity of the Household?	contin	numeric	
V17	s0q14	0.14 Is any member of the Household belonging to any agricultural cooperative?	contin	numeric	
V18	s0q15	0.15 Which type of Agriculture cooperative or association?	contin	numeric	
V19	s0q16	0.16 Total Number of Household members	contin	numeric	
V20	s0q17	0.17 Date of interview	contin	numeric	
V21	s0q18	0.18 Enumerator code	discrete	character	
V22	s0q19	0.19 Team Leader code	discrete	character	
V23	s0q20	0.20 Regional supervisor name	discrete	character	
V24	s0q21	0.21 Control results	contin	numeric	
V25	weight	segment_weight	contin	numeric	

## S1\_Household members characteristics

Content	This data file is related to agricultural household questionnaire Section I. It contains data on household members characteristics
Cases	73665
Variable(s)	27
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V26	idquest	Household_ID	contin	numeric	
V27	s0q1	0.1 Province	contin	numeric	
V28	s0q2	0.2 District	contin	numeric	
V29	s0q3	0.3 Stratum	contin	numeric	
V30	s0q4	0.4 Segment	contin	numeric	
V31	s1q1	Household member number	contin	numeric	
V32	s1q2	1.2 Household member names	discrete	character	
V33	s1q3	1.3 What is the member relationship with the household Head?	contin	numeric	
V34	s1q4	1.4 What is the sex of household member?	contin	numeric	
V35	s1q5	1.5 What is the age of household member?	contin	numeric	
V36	s1q6	1.6 Did this child schooled?	contin	numeric	
V37	s1q7	1.7 What is the highest level of education attained by the household member?	contin	numeric	
V38	s1q8	1.8 What is the main economic activity of household member?	contin	numeric	
V39	s1q9	1.9 Where the farming activity is located?	contin	numeric	
V40	s1q10	1.10 Average number of Hours/day that the household member worked per day in Sea	contin	numeric	
V41	s1q11	1.11 Number of days that the household member worked in Sept -16	contin	numeric	
V42	s1q12	1.12 Number of days that the household member worked in Oct-16	contin	numeric	
V43	s1q13	1.13 Number of days that the household member worked in Nov-16	contin	numeric	
V44	s1q14	1.14 Number of days that the household member worked in Dec-16	contin	numeric	
V45	s1q15	1.15 Number of days that the household member worked in Jan-17	contin	numeric	
V46	s1q16	1.16 Average number of Hours/day that the household member worked per day in Sea	contin	numeric	
V47	s1q17	1.17 Number of days that the household member worked in Feb -17	contin	numeric	
V48	s1q18	1.18 Number of days that the household member worked in March -17	contin	numeric	
V49	s1q19	1.19 Number of days that the household member worked in April -17	contin	numeric	
V50	s1q20	1.20 Number of days that the household member worked in May -17	contin	numeric	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V51	s1q21	1.21 Number of days that the household member worked in Jun-17	contin	numeric	
V52	weight	segment_weight	contin	numeric	

## S2\_Land tenure crops planted

Content	This data file is related to agricultural household questionnaire Section II. It contains data on land tenure and crops planted during agricultural year 2016-2017
Cases	16057
Variable(s)	30
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V53	idquest	Household_ID	contin	numeric	
V54	s0q1	0.1 Province	contin	numeric	
V55	s0q2	0.2 District	contin	numeric	
V56	s0q3	0.3 Stratum	contin	numeric	
V57	s0q4	0.4 Segment	contin	numeric	
V58	s2q1	2.1 Did any member of your household own land used for dwelling during Season A	contin	numeric	
V59	s2q2	2.2 Did any member of your household own land used for cropping during Season A	contin	numeric	
V60	s2q3	2.3 Did any member of your household own land used for grazing during Season A 2	contin	numeric	
V61	s2q4	2.4 Did any member of your household rented land used for cropping for fixed	contin	numeric	
V62	s2q5	2.5 Did any member of your household rented land used for cropping and paid rent	contin	numeric	
V63	s2q6	2.6 Did any member of your household rented land used for cropping, for free dur	contin	numeric	
V64	s2q7_1	2.7.1 What are major 3 crops did your household grow during Season A 2017-Crop 1	contin	numeric	
V65	s2q7_2	2.7.2 What are major 3 crops did your household grow during Season A 2017-Crop 2	contin	numeric	
V66	s2q7_3	2.7.3 What are major 3 crops did your household grow during Season A 2017-Crop 3	contin	numeric	
V67	s2q8_1	2.8.1 What are 3 major crops would your household have preferred to grow durin	contin	numeric	
V68	s2q8_2	2.8.2 What are 3 major crops would your household have preferred to grow durin	contin	numeric	
V69	s2q8_3	2.8.3 What are 3 major crops would your household have preferred to grow durin	contin	numeric	
V70	s2q9	2.9 Did any member of your household own land used for dwelling during Season B	contin	numeric	
V71	s2q10	2.10 Did any member of your household own land used for cropping during Season B	contin	numeric	

ID	Name	Label	Type	Format	Question
V72	s2q11	2.11 Did any member of your household own land used for grazing during Season B	contin	numeric	
V73	s2q12	2.12 Did any member of your household rented land used for cropping for fixed am	contin	numeric	
V74	s2q13	2.13 Did any member of your household rented land used for cropping and paid ren	contin	numeric	
V75	s2q14	2.14 Did any member of your household rented land used for cropping, for free du	contin	numeric	
V76	s2q15_1	2.15.1 What are major 3 crops did your household grow during Season B 2017-Crop	contin	numeric	
V77	s2q15_2	2.15. 2 What are major 3 crops did your household grow during Season B 2017-Crop	contin	numeric	
V78	s2q15_3	2.15.3 What are major 3 crops did your household grow during Season B 2017-Crop	contin	numeric	
V79	s2q16_1	2.16.1 What are 3 major crops would your household have preferred to grow duri	contin	numeric	
V80	s2q16_2	2.16.2 What are 3 major crops would your household have preferred to grow duri	contin	numeric	
V81	s2q16_3	2.16.3 What are 3 major crops would your household have preferred to grow duri	contin	numeric	
V82	weight	segment_weight	contin	numeric	



## S3\_Extension services and agricultural programmes

Content	This data file is related to agricultural household questionnaire Section III. It contains data on extension services (household benefited from any extension service, type of extension service provided, cropping extension services received and livestock extension services) and agricultural programmes in 2016-2017 agricultural year
Cases	64228
Variable(s)	24
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V83	idquest	Household_ID	contin	numeric	
V84	s0q1	0.1 Province	contin	numeric	
V85	s0q2	0.2 District	contin	numeric	
V86	s0q3	0.3 Stratum	contin	numeric	
V87	s0q4	0.4 Segment	contin	numeric	
V88	s3q1	3.1 Has any member of this household benefited from any extension service during	contin	numeric	
V89	s3q2	3.2 What type of extension service provided?	contin	numeric	
V90	s3q3_a	Type of cropping service received	contin	numeric	
V91	s3q3_b	Cropping service provider	contin	numeric	
V92	s3q4_a	Type of livestock service received	contin	numeric	
V93	s3q4_b	Livestock service provider	contin	numeric	
V94	s3q5	3.5 HH member belong to ?Twigire muhinzi? group	contin	numeric	
V95	s3q6	3.6 HH member benefited from contract farming during 2016-2017	contin	numeric	
V96	s3q7	3.7 HH member reared at least one cow during 2016-2017	contin	numeric	
V97	s3q8	3.8 Was there any reared cow received from GIRINKA program	contin	numeric	
V98	s3q9	3.9 Was there any reared cow donated by NGOs	contin	numeric	
V99	s3q10	3.10 Was there any reared cow donated by friends during 2016-2017 Agricultural	contin	numeric	
V100	s3q11	3.11 Was there any reared cow bought by any household member during 2016-2017 Ag	contin	numeric	
V101	s3q12	3.12 Was there any reared cow that was neither bought nor donated but own raised	contin	numeric	
V102	s3q13	3.13 Does any member of this household still have cow provided by GIRINKA Progra	contin	numeric	
V103	s3q14	3.14 Why she/he doesn?t still have that cow?	contin	numeric	
V104	s3q15	3.15 Does any child of your household benefit one cup of milk at school last ter	contin	numeric	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V105	s3q16	3.16 Do you have a kitchen garden at your home ?	contin	numeric	
V106	weight	segment_weight	contin	numeric	

## S4\_Funding during 2016\_2017

Content	This data file is related to agricultural household questionnaire Section IV. It contains data on funding during 2016-2017 agricultural year
Cases	16057
Variable(s)	19
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V107	idquest	Household_ID	contin	numeric	
V108	s0q1	0.1 Province	contin	numeric	
V109	s0q2	0.2 District	contin	numeric	
V110	s0q3	0.3 Stratum	contin	numeric	
V111	s0q4	0.4 Segment	contin	numeric	
V112	s4q1	4.1 Does the member of your household have an account in any financial instituti	contin	numeric	
V113	s4q2	4.2 During 2016-2017, did any member of the household request a loan?	contin	numeric	
V114	s4q3	4.3 From which type of financial Institution was the loan 1 requested?	contin	numeric	
V115	s4q4	4.4 Was the requested loan 1 approved?	contin	numeric	
V116	s4q5	4.5 If the agricultural loan 1 was requested but not approved what was the main	contin	numeric	
V117	s4q6	4.6 From which type of financial Institution was the loan 2 requested?	contin	numeric	
V118	s4q7	4.7 Was the requested loan 2 approved?	contin	numeric	
V119	s4q8	4.8 If the agricultural loan 2 was requested but not approved what was the main	contin	numeric	
V120	s4q9	4.9 From which type of financial Institution was the loan 3 requested?	contin	numeric	
V121	s4q10	4.10 Was the requested loan 3 approved?	contin	numeric	
V122	s4q11	4.11 If the agricultural loan 3 was requested but not approved what was the main	contin	numeric	
V123	s4q12	4.12 Have you received any fund for grant for agricultural purpose during 2016-2	contin	numeric	
V124	s4q13	4.13 What is the origin of that grant?	contin	numeric	
V125	weight	segment_weight	contin	numeric	

## S5\_Agricultural Inputs

Content	This data file is related to agricultural household questionnaire Section V. It contains data on agricultural inputs during 2016-2017 agricultural year (use of organic and inorganic fertilizer, use of pesticide and use of seed )
Cases	16057
Variable(s)	162
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V126	idquest	Household_ID	contin	numeric	
V127	s0q1	0.1 Province	contin	numeric	
V128	s0q2	0.2 District	contin	numeric	
V129	s0q3	0.3 Stratum	contin	numeric	
V130	s0q4	0.4 Segment	contin	numeric	
V131	s5q1_1	5.1.1 Did any member of your household use organic fertilizer at least in one of	contin	numeric	
V132	s5q1_2	5.1.2.Quantity of organic fertilizer used during agricultural Season A 2017 (Kg	contin	numeric	
V133	s5q1_3	5.1.3 Source of organic fertilizer Season A-Source 1	contin	numeric	
V134	s5q1_4	5.1.4 Quantity purchased during agricultural Season A 2017 (Kg)	contin	numeric	
V135	s5q1_5	5.1.5 Amount paid for purchasing the organic fertilizer during agricultural Seas	contin	numeric	
V136	s5q1_6_1	5.1.6 Method used for preparing manure Season A-Methode 1	contin	numeric	
V137	s5q1_6_2	5.1.6 Method used for preparing manure Season A-Methode 2	contin	numeric	
V138	s5q1_6_3	5.1.6 Method used for preparing manure Season A-Methode 3	contin	numeric	
V139	s5q1_7	5.1.7 Quantity of used organic fertilizer that any member of the household recei	contin	numeric	
V140	s5q1_8	5.1.8. Did any member of your household use lime or gypsum at least in one plot	contin	numeric	
V141	s5q1_9	5.1.9 Did any member of your household use organic fertilizer at least in one of	contin	numeric	
V142	s5q1_10	5.1.10.Quantity of organic fertilizer used during agricultural Season B 2017 (K	contin	numeric	
V143	s5q1_11	5.1.11 Source of organic fertilizer Season B	contin	numeric	
V144	s5q1_12	5.1.12 Quantity purchased during agricultural Season B 2017 (Kg)	contin	numeric	
V145	s5q1_13	5.1.13 Amount paid for purchasing the organic fertilizer during agricultural Sea	contin	numeric	
V146	s5q1_14_1	5.1.14 Method used for preparing manure Season B-Methode 1	contin	numeric	

ID	Name	Label	Type	Format	Question
V147	s5q1_14_2	5.1.14 Method used for preparing manure Season B-Methode 2	contin	numeric	
V148	s5q1_14_3	5.1.14 Method used for preparing manure Season B-Methode 3	contin	numeric	
V149	s5q1_15	5.1.15 Is there any quantity of used organic fertilizer that any member of the h	contin	numeric	
V150	s5q1_16	5.1.16. Did any member of your household use lime or gypsum at least in one plot	contin	numeric	
V151	s5q2_1	5.2.1 Did any member of your household use inorganic fertilizer at least in one	contin	numeric	
V152	s5q2_2	5.2.2 What was the type of inorganic fertilizer used? Type 1	contin	numeric	
V153	s5q2_3	5.2.3 Measurement unit	contin	numeric	
V154	s5q2_4	5.2.4 Quantity of used fertilizer_Type 1	contin	numeric	
V155	s5q2_5	5.2.5 Quantity of purchased fertilizer_Type 1	contin	numeric	
V156	s5q2_6	5.2.6 Price of inorganic fertilizer_Type 1(RWF/Kg)	contin	numeric	
V157	s5q2_7	5.2.7 Source of the used inorganic fertilizer-Source 1	contin	numeric	
V158	s5q2_8	5.2.8 What was the type of inorganic fertilizer used? Type 2	contin	numeric	
V159	s5q2_9	5.2.9 Measurement unit	contin	numeric	
V160	s5q2_10	5.2.10 Quantity of used fertilizer_Type 2	contin	numeric	
V161	s5q2_11	5.2.11 Quantity of purchased fertilizer_Type 2	contin	numeric	
V162	s5q2_12	5.2.12 Price of inorganic fertilizer_Type 1(RWF/Kg)	contin	numeric	
V163	s5q2_13	5.2.13 Source of the used inorganic fertilizer-Source 2	contin	numeric	
V164	s5q2_14	5.2.14 What was the type of inorganic fertilizer used? Type 3	contin	numeric	
V165	s5q2_15	5.2.15 Measurement unit	contin	numeric	
V166	s5q2_16	5.2.16 Quantity of used fertilizer_Type 3	contin	numeric	
V167	s5q2_17	5.2.17 Quantity of purchased fertilizer_Type 3	contin	numeric	
V168	s5q2_18	5.2.18 Price of inorganic fertilizer_Type 3(RWF/Kg)	contin	numeric	
V169	s5q2_19	5.2.19 Source of the used inorganic fertilizer-Source 3	contin	numeric	
V170	s5q2_20	5.2.20 Did any member of your household use inorganic fertilizer at least in one	contin	numeric	
V171	s5q2_21	5.2.21 What was the type of inorganic fertilizer used? Type 1	contin	numeric	
V172	s5q2_22	5.2.22 Measurement unit	contin	numeric	
V173	s5q2_23	5.2.23 Quantity of used fertilizer_Type 1	contin	numeric	
V174	s5q2_24	5.2.24 Quantity of purchased fertilizer_Type 1	contin	numeric	
V175	s5q2_25	5.2.25 Price of inorganic fertilizer_Type 1(RWF/Kg)	contin	numeric	
V176	s5q2_26	5.2.26 Source of the used inorganic fertilizer-Source 1	contin	numeric	
V177	s5q2_27	5.2.27 What was the type of inorganic fertilizer used? Type 2	contin	numeric	
V178	s5q2_28	5.2.28 Measurement unit	contin	numeric	
V179	s5q2_29	5.2.29 Quantity of used fertilizer_Type 2	contin	numeric	
V180	s5q2_30	5.2.30 Quantity of purchased fertilizer_Type 2	contin	numeric	
V181	s5q2_31	5.2.31 Price of inorganic fertilizer_Type 2(RWF/Kg)	contin	numeric	
V182	s5q2_32	5.2.32 Source of the used inorganic fertilizer-Source 2	contin	numeric	

ID	Name	Label	Type	Format	Question
V183	s5q2_33	5.2.33 What was the type of inorganic fertilizer used? Type 3	contin	numeric	
V184	s5q2_34	5.2.34 Measurement unit	contin	numeric	
V185	s5q2_35	5.2.35 Quantity of used fertilizer_Type 3	contin	numeric	
V186	s5q2_36	5.2.36 Quantity of purchased fertilizer_Type 3	contin	numeric	
V187	s5q2_37	5.2.37 Price of inorganic fertilizer_Type 3(RWF/Kg)	contin	numeric	
V188	s5q2_38	5.2.38 Source of the used inorganic fertilizer-Source 3	contin	numeric	
V189	s5q3_1	5.3.1 Did any member of your household applied pesticide at least in one of the	contin	numeric	
V190	s5q3_2	5.3.2 Pesticide used_Type 1	contin	numeric	
V191	s5q3_3	5.3.3 Measurement unit	contin	numeric	
V192	s5q3_4	5.3.4 Used Quantity of Pesticide used_Type 1	contin	numeric	
V193	s5q3_5	5.3.5 Purchased Quantity(Kg)	contin	numeric	
V194	s5q3_6	5.3.6 Price of purchased Pesticide_Type 1(RWF/Kg)	contin	numeric	
V195	s5q3_7	5.3.7 Source of pesticide used-Source 1	contin	numeric	
V196	s5q3_8	5.3.8 What was the purpose of applying pesticide?	contin	numeric	
V197	s5q3_9	5.3.9 Pesticide used_Type 2	contin	numeric	
V198	s5q3_10	5.3.10 Measurement unit	contin	numeric	
V199	s5q3_11	5.3.11 Used Quantity of Pesticide used_Type 2	contin	numeric	
V200	s5q3_12	5.3.12 Purchased Quantity(Kg)	contin	numeric	
V201	s5q3_13	5.3.13 Price of purchased Pesticide_Type 2 (RWF/Kg)	contin	numeric	
V202	s5q3_14	5.3.14 Source of pesticide used-Source 2	contin	numeric	
V203	s5q3_15	5.3.15 What was the purpose of applying pesticide?	contin	numeric	
V204	s5q3_16	5.3.16 Pesticide used_Type 3	contin	numeric	
V205	s5q3_17	5.3.17 Measurement unit	contin	numeric	
V206	s5q3_18	5.3.18 Used Quantity of Pesticide used_Type 3	contin	numeric	
V207	s5q3_19	5.3.19 Purchased Quantity(Kg)	contin	numeric	
V208	s5q3_20	5.3.20 Price of purchased Pesticide_Type 3 (RWF/Kg)	contin	numeric	
V209	s5q3_21	5.3.21 Source of pesticide used-Source 3	contin	numeric	
V210	s5q3_22	5.3.22 What was the purpose of applying pesticide?	contin	numeric	
V211	s5q3_23	5.3.23 Did any member of your household applied pesticide at least in one of the	contin	numeric	
V212	s5q3_24	5.3.24 Pesticide used_Type 1	contin	numeric	
V213	s5q3_25	5.3.25 Measurement unit	contin	numeric	
V214	s5q3_26	5.3.26 Used Quantity of Pesticide used_Type 1	contin	numeric	
V215	s5q3_27	5.3.27 Purchased Quantity(Kg)	contin	numeric	
V216	s5q3_28	5.3.28 Price of purchased Pesticide_Type 1(RWF/Kg)	contin	numeric	
V217	s5q3_29	5.3.29 Source of pesticide used-Source 1	contin	numeric	
V218	s5q3_30	5.3.30 What was the purpose of applying pesticide?	contin	numeric	
V219	s5q3_31	5.3.31 Pesticide used_Type 2	contin	numeric	

ID	Name	Label	Type	Format	Question
V220	s5q3_32	5.3.32 Measurement unit	contin	numeric	
V221	s5q3_33	5.3.33 Used Quantity of Pesticide used_Type 2	contin	numeric	
V222	s5q3_34	5.3.34 Purchased Quantity(Kg)	contin	numeric	
V223	s5q3_35	5.3.35 Price of purchased Pesticide_Type 2 (RWF/Kg)	contin	numeric	
V224	s5q3_36	5.3.36 Source of pesticide used-Source 2	contin	numeric	
V225	s5q3_37	5.3.37 What was the purpose of applying pesticide?	contin	numeric	
V226	s5q3_38	5.3.38 Pesticide used_Type 3	contin	numeric	
V227	s5q3_39	5.3.39 Measurement unit	contin	numeric	
V228	s5q3_40	5.3.40 Used Quantity of Pesticide used_Type 3	contin	numeric	
V229	s5q3_41	5.3.41 Purchased Quantity(Kg)	contin	numeric	
V230	s5q3_42	5.3.42 Price of purchased Pesticide_Type 3 (RWF/Kg)	contin	numeric	
V231	s5q3_43	5.3.43 Source of pesticide used-Source 3	contin	numeric	
V232	s5q3_44	5.3.44 What was the purpose of applying pesticide?	contin	numeric	
V233	s5q4_1_a	5.4.1 Crops planted in season A-Crop 1	contin	numeric	
V234	s5q4_2_a	5.4.2 Type of seeds used season A	contin	numeric	
V235	s5q4_3_a	5.4.3 Quantity of traditional seeds sown ( Kg)	contin	numeric	
V236	s5q4_4_a	5.4.4 Quantity of traditional seeds bought ( Kg)	contin	numeric	
V237	s5q4_5_a	5.4.5 Amount spent for the purchase of traditional seeds ( RWF)	contin	numeric	
V238	s5q4_6_a	5.4.6 Quantity of improved seeds sown (Kg)	contin	numeric	
V239	s5q4_7_a	5.4.7 Quantity of improved seed brought (Kg)	contin	numeric	
V240	s5q4_8_a	5.4.8 Amount spent to the purchase of seeds (RWF)	contin	numeric	
V241	s5q4_9_a	5.4.9 Source of improved seeds used	contin	numeric	
V242	s5q4_1_b	5.4.1 Crops planted in season A-Crop 2	contin	numeric	
V243	s5q4_2_b	5.4.2 Type of seeds used season A	contin	numeric	
V244	s5q4_3_b	5.4.3 Quantity of traditional seeds sown ( Kg)	contin	numeric	
V245	s5q4_4_b	5.4.4 Quantity of traditional seeds bought ( Kg)	contin	numeric	
V246	s5q4_5_b	5.4.5 Amount spent for the purchase of traditional seeds ( RWF)	contin	numeric	
V247	s5q4_6_b	5.4.6 Quantity of improved seeds sown (Kg)	contin	numeric	
V248	s5q4_7_b	5.4.7 Quantity of improved seed brought (Kg)	contin	numeric	
V249	s5q4_8_b	5.4.8 Amount spent to the purchase of seeds (RWF)	contin	numeric	
V250	s5q4_9_b	5.4.9 Source of improved seeds used	contin	numeric	
V251	s5q4_1_c	5.4.1 Crops planted in season A-Crop 3	contin	numeric	
V252	s5q4_2_c	5.4.2 Type of seeds used season A	contin	numeric	
V253	s5q4_3_c	5.4.3 Quantity of traditional seeds sown ( Kg)	contin	numeric	
V254	s5q4_4_c	5.4.4 Quantity of traditional seeds bought ( Kg)	contin	numeric	
V255	s5q4_5_c	5.4.5 Amount spent for the purchase of traditional seeds ( RWF)	contin	numeric	
V256	s5q4_6_c	5.4.6 Quantity of improved seeds sown (Kg)	contin	numeric	
V257	s5q4_7_c	5.4.7 Quantity of improved seed brought (Kg)	contin	numeric	

ID	Name	Label	Type	Format	Question
V258	s5q4_8_c	5.4.8 Amount spent to the purchase of seeds (RWF)	contin	numeric	
V259	s5q4_9_c	5.4.9 Source of improved seeds used	contin	numeric	
V260	s5q4_10_a	5.4.10 Crops planted in season B-Crop 1	contin	numeric	
V261	s5q4_11_a	5.4.11 Type of seeds used season B	contin	numeric	
V262	s5q4_12_a	5.4.12 Quantity of traditional seeds sown ( Kg)	contin	numeric	
V263	s5q4_13_a	5.4.13 Quantity of traditional seeds bought ( Kg)	contin	numeric	
V264	s5q4_14_a	5.4.14 Amount spent for the purchase of traditional seeds ( RWF)	contin	numeric	
V265	s5q4_15_a	5.4.15 Source of improved seeds/seedling	contin	numeric	
V266	s5q4_16_a	5.4.16 Quantity of improved seeds sown ( Kg)	contin	numeric	
V267	s5q4_17_a	5.4.17 Quantity of improved seeds bought ( Kg)	contin	numeric	
V268	s5q4_18_a	5.4.18 Amount spent for the purchase of improved seeds ( RWF)	contin	numeric	
V269	s5q4_10_b	5.4.10 Crops planted in season B-Crop 2	contin	numeric	
V270	s5q4_11_b	5.4.11 Type of seeds used season B	contin	numeric	
V271	s5q4_12_b	5.4.12 Quantity of traditional seeds sown ( Kg)	contin	numeric	
V272	s5q4_13_b	5.4.13 Quantity of traditional seeds bought ( Kg)	contin	numeric	
V273	s5q4_14_b	5.4.14 Amount spent for the purchase of traditional seeds ( RWF)	contin	numeric	
V274	s5q4_15_b	5.4.15 Source of improved seeds/seedling	contin	numeric	
V275	s5q4_16_b	5.4.16 Quantity of improved seeds sown ( Kg)	contin	numeric	
V276	s5q4_17_b	5.4.17 Quantity of improved seeds bought ( Kg)	contin	numeric	
V277	s5q4_18_b	5.4.18 Amount spent for the purchase of improved seeds ( RWF)	contin	numeric	
V278	s5q4_10_c	5.4.10 Crops planted in season B-Crop 3	contin	numeric	
V279	s5q4_11_c	5.4.11 Type of seeds used season B	contin	numeric	
V280	s5q4_12_c	5.4.12 Quantity of traditional seeds sown ( Kg)	contin	numeric	
V281	s5q4_13_c	5.4.13 Quantity of traditional seeds bought ( Kg)	contin	numeric	
V282	s5q4_14_c	5.4.14 Amount spent for the purchase of traditional seeds ( RWF)	contin	numeric	
V283	s5q4_15_c	5.4.15 Source of improved seeds/seedling	contin	numeric	
V284	s5q4_16_c	5.4.16 Quantity of improved seeds sown ( Kg)	contin	numeric	
V285	s5q4_17_c	5.4.17 Quantity of improved seeds bought ( Kg)	contin	numeric	
V286	s5q4_18_c	5.4.18 Amount spent for the purchase of improved seeds ( RWF)	contin	numeric	
V287	weight	segment_weight	contin	numeric	



## S6\_Agricultural Practices

Content	This data file is related to agricultural household questionnaire Section VI. It contains data on agricultural practices (erosion control measures, irrigation and mechanization)
Cases	16057
Variable(s)	40
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V288	idquest	Household_ID	contin	numeric	
V289	dummy_cropping_B	household engaged in cropping in season B	contin	numeric	
V290	cropping	households who engaged in cropping in one of seasons	contin	numeric	
V291	s2q7_1	2.7.1 What are major 3 crops did your household grow during Season A 2017-Crop 1	contin	numeric	
V292	s2q7_2	2.7.2 What are major 3 crops did your household grow during Season A 2017-Crop 2	contin	numeric	
V293	s2q7_3	2.7.3 What are major 3 crops did your household grow during Season A 2017-Crop 3	contin	numeric	
V294	s2q15_1	2.15.1 What are major 3 crops did your household grow during Season B 2017-Crop	contin	numeric	
V295	s2q15_2	2.15. 2 What are major 3 crops did your household grow during Season B 2017-Crop	contin	numeric	
V296	s2q15_3	2.15.3 What are major 3 crops did your household grow during Season B 2017-Crop	contin	numeric	
V297	s0q1	0.1 Province	contin	numeric	
V298	s0q2	0.2 District	contin	numeric	
V299	s0q3	0.3 Stratum	contin	numeric	
V300	s0q4	0.4 Segment	contin	numeric	
V301	s6q1_1	6.1.1 Did any member of your household practice any type of erosion control meas	contin	numeric	
V302	s6q1_2_1	6.1.2.1 Soil protection measure-Measure 1	contin	numeric	
V303	s6q1_2_2	6.1.2.2 Soil protection measure-Measure 2	contin	numeric	
V304	s6q1_2_3	6.1.2.3 Soil protection measure-Measure 3	contin	numeric	
V305	s6q1_3	6.1.3 Is soil erosion on any of your household member?s land increasing over tim	contin	numeric	
V306	s6q1_4_1	6.1.4.1 Main form of erosion -Form 1	contin	numeric	
V307	s6q1_4_2	6.1.4.2 Main form of erosion -Form 2	contin	numeric	
V308	s6q1_4_3	6.1.4.3 Main form of erosion -Form 3	contin	numeric	
V309	s6q1_5_0	6.1.5.0 Are there any limitation in applying soil protection?	contin	numeric	

ID	Name	Label	Type	Format	Question
V310	s6q1_5_1	6.1.5.1 Limitations in applying soil protection-Limitation 1	contin	numeric	
V311	s6q1_5_1_a	6.1.5.1-A-Other Limitation specify-1	discrete	character	
V312	s6q1_5_2	6.1.5.2 Limitations in applying soil protection-Limitation 2	contin	numeric	
V313	s6q1_5_1_b	6.1.5.1-A-Other Limitation specify-2	discrete	character	
V314	s6q1_5_3	6.1.5.3 Limitations in applying soil protection-Limitation 3	contin	numeric	
V315	s6q1_5_1_c	6.1.5.1-A-Other Limitation specify-3	discrete	character	
V316	s6q2_1	6.2.1 Household practice any irrigation technique?	contin	numeric	
V317	s6q2_2_1	6.2.2.1 Which irrigation technics -Technic 1	contin	numeric	
V318	s6q2_2_2	6.2.2.2 Which irrigation technics- Technic 2	contin	numeric	
V319	s6q2_2_3	6.2.2.3 Which irrigation technics- Technic 3	contin	numeric	
V320	s6q2_3_1	6.2.3.1 Main source of water used for irrigation-Source 1	contin	numeric	
V321	s6q2_3_2	6.2.3.2 Main source of water used for irrigation-Source 2	contin	numeric	
V322	s6q2_3_3	6.2.3.3 Main source of water used for irrigation-Source 3	contin	numeric	
V323	s6q2_4	6.2.4 Use any mechanical equipment	contin	numeric	
V324	s6q2_5_1	6.2.5.1 Mechanical equipment used-Tech Equip 1	contin	numeric	
V325	s6q2_5_2	6.2.5.1 Mechanical equipment used-Tech Equip 2	contin	numeric	
V326	s6q2_5_3	6.2.5.3 Mechanical equipment used-Tech Equip 3	contin	numeric	
V327	weight	segment_weight	contin	numeric	

## S7\_1\_Agricultural small tools

Content	This data file is related to agricultural household questionnaire Section VII. 1. It contains data on agricultural small tools during 2016-2017 agricultural year
Cases	362203
Variable(s)	13
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V328	idquest	Household_ID	contin	numeric	
V329	s0q1	0.1 Province	contin	numeric	
V330	s0q2	0.2 District	contin	numeric	
V331	s0q3	0.3 Stratum	contin	numeric	
V332	s0q4	0.4 Segment	contin	numeric	
V333	s7q1	7.1 small tools name	contin	numeric	
V334	s7q2	7.2 Does any member of your household own this tool for farming activities	contin	numeric	
V335	s7q3	7.3 The number of this tool owned by the household	contin	numeric	
V336	s7q4	7.4 Number of tools purchased by your household during agricultural year 2016-20	contin	numeric	
V337	s7q5	7.5 Unit price for the purchased tool	contin	numeric	
V338	s7q6	7.6 Number of this tool rented by your household	contin	numeric	
V339	s7q7	7.7 Amount paid for rented small tools	contin	numeric	
V340	weight	segment_weight	contin	numeric	

## S7\_2\_Agricultural durable tools

Content	This data file is related to agricultural household questionnaire Section VII. 2. It contains data on agricultural
Cases	207049
Variable(s)	13
Structure	Type: Keys: ()
Version	V0.1
Producer	NISR
Missing Data	

## Variables

ID	Name	Label	Type	Format	Question
V341	idquest	Household_ID	contin	numeric	
V342	s0q1	0.1 Province	contin	numeric	
V343	s0q2	0.2 District	contin	numeric	
V344	s0q3	0.3 Stratum	contin	numeric	
V345	s0q4	0.4 Segment	contin	numeric	
V346	s7q8	7.8 Durable tool name	contin	numeric	
V347	s7q9	7.9 Did any member of your household use this equipment?	contin	numeric	
V348	s7q10	7.10 The number of this tool existing in the farm at the day of interview	contin	numeric	
V349	s7q11	7.11 Number of tools acquired during agricultural year 2016-2017	contin	numeric	
V350	s7q12	7.12 Unit price for the purchased tool (RWF)	contin	numeric	
V351	s7q13	7.13 Number of this rented by your household member	contin	numeric	
V352	s7q14	7.14 Amount paid for rented durable tools	contin	numeric	
V353	weight	segment_weight	contin	numeric	

## S8\_A\_Production Use, storage and Expenses

Content  
Cases 35844  
Variable(s) 31  
Structure Type:  
Keys: ()  
Version  
Producer  
Missing Data

### Variables

ID	Name	Label	Type	Format	Question
V354	idquest	Household_ID	contin	numeric	
V355	s0q1	0.1 Province	contin	numeric	
V356	s0q2	0.2 District	contin	numeric	
V357	s0q3	0.3 Stratum	contin	numeric	
V358	s0q4	0.4 Segment	contin	numeric	
V359	s8q1_1_1	8.1.1 Crop name	discrete	character	
V360	s8q1_1_2	8.1.2 Crop code 1	contin	numeric	
V361	s8q1_1_3	8.1.3 What was the quantity produced? (Kg) Season A	contin	numeric	
V362	s8q1_1_4	8.1.4 What was the quantity processed at farm level?	contin	numeric	
V363	s8q1_1_5	8.1.5 What was the quantity sold?	contin	numeric	
V364	s8q1_1_6	8.1.6 On which market this crop was sold?	contin	numeric	
V365	s8q1_1_7	8.1.7 What was the selling price per kilogram? (RwF/Kg)	contin	numeric	
V366	s8q1_1_8	8.1.8 What was the quantity used for own consumption?	contin	numeric	
V367	s8q1_1_9	8.1.9 What was the quantity used as wages?	contin	numeric	
V368	s8q1_1_10	8.1.10 What was the quantity used as farm rent?	contin	numeric	
V369	s8q1_1_11	8.1.11 What was the quantity used as gift?	contin	numeric	
V370	s8q1_1_12	8.1.12 What was the quantity exchanged for other goods?	contin	numeric	
V371	s8q1_1_13	8.1.13 What was the quantity used as seeds?	contin	numeric	
V372	s8q1_1_14	8.1.14 What was the quantity used to feed animals?	contin	numeric	
V373	s8q1_1_15	8.1.15 What was the quantity stored?	contin	numeric	
V374	s8q1_1_16	8.1.16 What was the quantity lost after harvest?	contin	numeric	
V375	s8q1_1_17	8.1.17 What was the quantity used in other forms?	contin	numeric	
V376	s8q1_1_18	8.1.18 Which is the storage facility used by the household? storage type 1	contin	numeric	
V377	s8q1_1_19	8.1.19 Do you apply training skills on post-harvest-handling and storage?	contin	numeric	
V378	s8q1_1_20	8.1.20 Amount paid to labour for harvest and transport of the harvest of this cr	contin	numeric	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V379	s8q1_1_21	8.1.21 Amount paid on renting equipment used to harvest this crop during Season	contin	numeric	
V380	s8q1_1_22	8.1.22 Amount paid on rehabilitation and maintenance of buildings and other equi	contin	numeric	
V381	s8q1_1_23	8.1.23 Amount paid on rehabilitation and maintenance of buildings and other eq	contin	numeric	
V382	s8q1_1_24	8.1.24 Amount paid for insecticides to keep stored production against pests duri	contin	numeric	
V383	s8q1_1_25	8.1.25 Other cost	contin	numeric	
V384	weight	segment_weight	contin	numeric	

## S8\_B\_Production Use,Storage and Expenses

Content  
 Cases 34167  
 Variable(s) 31  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

### Variables

ID	Name	Label	Type	Format	Question
V385	idquest	Household_ID	contin	numeric	
V386	s0q1	0.1 Province	contin	numeric	
V387	s0q2	0.2 District	contin	numeric	
V388	s0q3	0.3 Stratum	contin	numeric	
V389	s0q4	0.4 Segment	contin	numeric	
V390	s8q1_1_26	8.1.26 Crop name	discrete	character	
V391	s8q1_1_27	8.1.27 Crop code 1	contin	numeric	
V392	s8q1_1_28	8.1.28 What was the quantity produced? (Kg) Season A	contin	numeric	
V393	s8q1_1_29	8.1.29 What was the quantity processed at farm level?	contin	numeric	
V394	s8q1_1_30	8.1.30 What was the quantity sold?	contin	numeric	
V395	s8q1_1_31	8.1.31 On which market this crop was sold?	contin	numeric	
V396	s8q1_1_32	8.1.32 What was the selling price per kilogram? (RwF/Kg)	contin	numeric	
V397	s8q1_1_33	8.1.33 What was the quantity used for own consumption?	contin	numeric	
V398	s8q1_1_34	8.1.34 What was the quantity used as wages?	contin	numeric	
V399	s8q1_1_35	8.1.35 What was the quantity used as farm rent?	contin	numeric	
V400	s8q1_1_36	8.1.36 What was the quantity used as gift?	contin	numeric	
V401	s8q1_1_37	8.1.37 What was the quantity exchanged for other goods?	contin	numeric	
V402	s8q1_1_38	8.1.38 What was the quantity used as seeds?	contin	numeric	
V403	s8q1_1_39	8.1.39 What was the quantity used to feed animals?	contin	numeric	
V404	s8q1_1_40	8.1.40 What was the quantity stored?	contin	numeric	
V405	s8q1_1_41	8.1.41 What was the quantity lost after harvest?	contin	numeric	
V406	s8q1_1_42	8.1.42 What was the quantity used in other forms?	contin	numeric	
V407	s8q1_1_43	8.1.43 Which is the storage facility used by the household? storage type 1	contin	numeric	
V408	s8q1_1_44	8.1.44 Do you apply training skills on post-harvest-handling and storage?	contin	numeric	
V409	s8q1_1_45	8.1.45 Amount paid to labour for harvest and transport of the harvest of this cr	contin	numeric	

ID	Name	Label	Type	Format	Question
V410	s8q1_1_46	8.1.46 Amount paid on renting equipment used to harvest this crop during Season	contin	numeric	
V411	s8q1_1_47	8.1.47 Amount paid on rehabilitation and maintenance of buildings and other equi	contin	numeric	
V412	s8q1_1_48	8.1.48 Amount paid on rehabilitation and maintenance of buildings and other eq	contin	numeric	
V413	s8q1_1_49	8.1.49 Amount paid for insecticides to keep stored production against pests duri	contin	numeric	
V414	s8q1_1_50	8.1.50 Other cost	contin	numeric	
V415	weight	segment_weight	contin	numeric	



## S9\_Number of animals

Content

Cases 32611

Variable(s) 38

Structure Type:  
Keys: ()

Version

Producer

Missing Data

## Variables

ID	Name	Label	Type	Format	Question
V416	idquest	Household_ID	contin	numeric	
V417	s0q1	0.1 Province	contin	numeric	
V418	s0q2	0.2 District	contin	numeric	
V419	s0q3	0.3 Stratum	contin	numeric	
V420	s0q4	0.4 Segment	contin	numeric	
V421	s9q9_1	9.1 Name of animal reared	contin	numeric	
V422	s9q9_2	9.2 Did any memnber of your household rear this animal during 2016-2017 agricult	contin	numeric	
V423	s9q9_3	9.3 What is the total number of animal reared?	contin	numeric	
V424	s9q9_4_1	9.4.1 Adults	contin	numeric	
V425	s9q9_4_2	9.4.2 Young	contin	numeric	
V426	s9q9_5_1	9.5.1 Adults not lactating	contin	numeric	
V427	s9q9_5_2	9.5.2 Adults Lactating	contin	numeric	
V428	s9q9_5_3	9.5.3 Young	contin	numeric	
V429	s9q9_6	9.6 How many born animals in last 12 months	contin	numeric	
V430	s9q9_7	9.7 How many bought animals in last 12 months	contin	numeric	
V431	s9q9_8	9.8 Total Amount paid	contin	numeric	
V432	s9q9_9	9.9 Number received as gift in last 12 months	contin	numeric	
V433	s9q9_10	9.10 Number slaughtered for own consumption in last 12 months	contin	numeric	
V434	s9q9_11	9.11 Number of animals sold in last 12 months	contin	numeric	
V435	s9q9_12	9.12 Total Amount received	contin	numeric	
V436	s9q9_13	9.13 Number of animals given away as gift in last 12 months	contin	numeric	
V437	s9q9_14	9.14 Number of animals died for any reasons in last 12 months	contin	numeric	
V438	s9q9_15	9.15 Number of animals lost or stolen in last 12 months	contin	numeric	
V439	s9q9_16	9.16 Number of animals vaccinated in last 12 months	contin	numeric	
V440	s9q9_17	9.17 Number of animals treated for sickness in last 12 months	contin	numeric	
V441	s9q9_18_1	9.18.1 Number of animals own consumed per week	contin	numeric	

ID	Name	Label	Type	Format	Question
V442	s9q9_18_2	9.18.2 Number of weeks animals were consumed	contin	numeric	
V443	s9q9_19	9.19 Number of animals sold per week	contin	numeric	
V444	s9q9_20	9.20 Sale price per animal	contin	numeric	
V445	s9q9_21	9.21 Number of animals lost per week	contin	numeric	
V446	s9q9_22	9.22 Number of animals used in other ways not mentioned	contin	numeric	
V447	s9q9_23	9.23 Number eggs produced per week	contin	numeric	
V448	s9q9_24	9.24 Number eggs consumed per week	contin	numeric	
V449	s9q9_25	9.25 Number eggs sold per week	contin	numeric	
V450	s9q9_26	9.26 Unit price per egg sold	contin	numeric	
V451	s9q9_27	9.27 Number eggs damaged per week	contin	numeric	
V452	s9q9_28	9.28 Number eggs in other ways per week	contin	numeric	
V453	weight	segment_weight	contin	numeric	

## S10\_1\_Cattle milk production

Content  
 Cases 3237  
 Variable(s) 16  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

### Variables

ID	Name	Label	Type	Format	Question
V454	idquest	Household_ID	contin	numeric	
V455	s0q1	0.1 Province	contin	numeric	
V456	s0q2	0.2 District	contin	numeric	
V457	s0q3	0.3 Stratum	contin	numeric	
V458	s0q4	0.4 Segment	contin	numeric	
V459	s10q1_1	10.1.1 Lactating cow number	contin	numeric	
V460	s10q1_2	10.1.2 Lactating cow race	contin	numeric	
V461	s10q1_3_1	10.1.3.1 Lactating time length at high lactation period(in days)	contin	numeric	
V462	s10q1_3_2	10.1.3.2 Lactating time length at high low period(in days)	contin	numeric	
V463	s10q1_3_3	10.1.3.3 Lactating time length, whole lactation period(in days)	contin	numeric	
V464	s10q1_4_1	10.1.4.1 Dail milk production at high lactating period (in liters)	contin	numeric	
V465	s10q1_4_2	10.1.4.2 Dail milk production at low lactating period (in liters)	contin	numeric	
V466	s10q1_5	10.1.5 Months and year of calving	contin	numeric	
V467	s10q1_6	10.1.6 Has your cattle has any problem that caused low milk yield during	contin	numeric	
V468	s10q1_7	10.1.7 What are major problems among the following that caused low milk	contin	numeric	
V469	weight	segment_weight	contin	numeric	

## S10\_2\_Cattle milk production use

Content  
 Cases 3989  
 Variable(s) 15  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

### Variables

ID	Name	Label	Type	Format	Question
V470	idquest	Household_ID	contin	numeric	
V471	s0q2	0.2 District Name	contin	numeric	
V472	s0q3	0.3 Stratum	contin	numeric	
V473	s0q4	0.4 Segment	contin	numeric	
V474	s10q2_1	10.2.1 Lactation period	contin	numeric	
V475	s10q2_2	10.2.2 Average daily quantity consumed	contin	numeric	
V476	s10q2_3	10.2.3 Average daily quantity given to others	contin	numeric	
V477	s10q2_4	10.2.4 Average daily quantity processed in farm/at home	contin	numeric	
V478	s10q2_5	10.2.5 Average daily quantity used in other way	contin	numeric	
V479	s10q2_6	10.2.6 Average daily quantity sold to milk collection site	contin	numeric	
V480	s10q2_7	10.2.7 Price(Rwf)	contin	numeric	
V481	s10q2_8	10.2.8 Average daily quantity sold to others	contin	numeric	
V482	s10q2_9	10.2.9 Price(Rwf)	contin	numeric	
V483	s10q2_10	10.2.10 Average daily quantity of milk lost	contin	numeric	
V484	weight	segment_weight	contin	numeric	

## S10\_3\_Honey production

Content  
 Cases 16067  
 Variable(s) 12  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

### Variables

ID	Name	Label	Type	Format	Question
V485	idquest	Household_ID	contin	numeric	
V486	s0q2	0.2 District	contin	numeric	
V487	s0q3	0.3 Stratum	contin	numeric	
V488	s0q4	0.4 Segment	contin	numeric	
V489	s10q3_1	10.3.1 Type of bee hive	contin	numeric	
V490	s10q3_2	10.3.2 Number of bee hives hung during 12 months	contin	numeric	
V491	s10q3_3	10.3.3 Quantity of honey Production during 12 months (Kg)	contin	numeric	
V492	s10q3_4	10.3.4 Quantity of produced honey that has been consumed at home during 12 month	contin	numeric	
V493	s10q3_5	10.3.5 Sale In last 12 months-Qty	contin	numeric	
V494	s10q3_6	10.3.6 Sale In last 12 months-Sale price	contin	numeric	
V495	s10q3_7	10.3.7 Honey stored at the end of August v2017	contin	numeric	
V496	weight	segment_weight	contin	numeric	

## S11\_Animal inputs and services

Content  
 Cases 26500  
 Variable(s) 20  
 Structure Type:  
 Keys: ()  
 Version  
 Producer  
 Missing Data

### Variables

ID	Name	Label	Type	Format	Question
V497	idquest	Household_ID	contin	numeric	
V498	s0q1	0.1 Province Name	contin	numeric	
V499	s0q2	0.2 District Name	contin	numeric	
V500	s0q3	0.3 Stratum	contin	numeric	
V501	s0q4	0.4 Segment	contin	numeric	
V502	s11q1	11.1 Animal category	contin	numeric	
V503	s11q2	11.2 Amount spent on rent for land grazing	contin	numeric	
V504	s11q3	11.3 Amount spent on purchasing fodder crop	contin	numeric	
V505	s11q4	11.4 Amount spent on purchasing feed	contin	numeric	
V506	s11q5	11.5 Amount spent on purchasing salt and minerals	contin	numeric	
V507	s11q6	11.6 Amount spent on purchasing artificial insemination	contin	numeric	
V508	s11q7	11.7 Amount spent on purchasing vaccines,dips,sprays and medecine	contin	numeric	
V509	s11q8	11.8 Amount spent on purchasing veterinary services	contin	numeric	
V510	s11q9	11.9 Amount spent on purchasing repairs of fencing, sheds	contin	numeric	
V511	s11q10	11.10 Amount spent on purchasing new fences, sheds	contin	numeric	
V512	s11q11	11.11 Amount spent on purchasing Pesticides used to protect animal from insects,	contin	numeric	
V513	s11q12	11.12 Amount spent on farm maintenance activities	contin	numeric	
V514	s11q13	11.13 Amount spent on purchasing payment of Shepherds	contin	numeric	
V515	s11q14	11.14 purchasing Other expenditures	contin	numeric	
V516	weight	segment_weight	contin	numeric	



## Household\_ID (idquest)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 23419
Format: numeric	Invalid: 290
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 34407966291.9
	Standard deviation: 15946873758

## Segment\_ID (Segment\_ID)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 111102
Decimals: 0	Maximum: 574233
Range: 111102-574233	Mean: 345115.1
	Standard deviation: 159554.2

## 0.0 Is there any household in the segment? (s0q0)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 0.1 Province (s0q1)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	



### 0.3 Stratum (s0q3)

#### File: S0\_General Information

##### Overview

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

### 0.4 Segment (s0q4)

#### File: S0\_General Information

##### Overview

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 16.2
	Standard deviation: 13

### 0.5 House number (s0q5)

#### File: S0\_General Information

##### Overview

Type: Continuous	Valid cases: 23419
Format: numeric	Invalid: 290
Width: 8	Minimum: 1
Decimals: 0	Maximum: 152
Range: 1-152	Mean: 16.6
	Standard deviation: 15.6

### 0.6 Household Number (s0q6)

#### File: S0\_General Information

##### Overview

Type: Continuous	Valid cases: 23419
Format: numeric	Invalid: 290
Width: 8	Minimum: 1
Decimals: 0	Maximum: 10
Range: 1-10	Mean: 1.1
	Standard deviation: 0.5

### 0.7 Names of Household head (s0q7)

#### File: S0\_General Information

##### Overview

Type: Discrete	Valid cases: 23709
Format: character	Invalid: 0
Width: 40	

## 0.8 Contact of Household head (s0q8)

File: S0\_General Information

### Overview

Type: Discrete	Valid cases: 23709
Format: character	Invalid: 0
Width: 10	

## 0.9 Is the respondent the Household head? (s0q9)

File: S0\_General Information

### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 7652
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 0.10 Names of the respondent if not the Household head (s0q10)

File: S0\_General Information

### Overview

Type: Discrete	Valid cases: 23709
Format: character	Invalid: 0
Width: 34	

## 0.11 Contact of the respondent if not the Household head (s0q11)

File: S0\_General Information

### Overview

Type: Discrete	Valid cases: 23709
Format: character	Invalid: 0
Width: 10	

## 0.12 Relationship to the Household head (s0q12)

File: S0\_General Information

### Overview

Type: Continuous	Valid cases: 5825
Format: numeric	Invalid: 17884
Width: 8	Minimum: 1
Decimals: 0	Maximum: 6
Range: 1-6	

## 0.13 What is the agricultural activity of the Household? (s0q13)

File: S0\_General Information

### Overview

## 0.13 What is the agricultural activity of the Household? (s0q13)

### File: S0\_General Information

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 11
Range: 1-11	

## 0.14 Is any member of the Household belonging to any agricultural cooperative? (s0q14)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 7652
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 0.15 Which type of Agriculture cooperative or association? (s0q15)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 1998
Format: numeric	Invalid: 21711
Width: 8	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

## 0.16 Total Number of Household members (s0q16)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 7652
Width: 8	Minimum: 1
Decimals: 0	Maximum: 18
Range: 1-18	Mean: 4.6
	Standard deviation: 2.1

## 0.17 Date of interview (s0q17)

### File: S0\_General Information

#### Overview

Type: Continuous	Valid cases: 10669
Format: numeric	Invalid: 13040
Width: 8	Minimum: 2
Decimals: 0	Maximum: 31082017
Range: 2-31082017	Mean: 16374298.2
	Standard deviation: 8732930.1

## 0.18 Enumerator code (s0q18)

File: S0\_General Information

**Overview**

Type: Discrete	Valid cases: 23709
Format: character	Invalid: 0
Width: 3	

## 0.19 Team Leader code (s0q19)

File: S0\_General Information

**Overview**

Type: Discrete	Valid cases: 23709
Format: character	Invalid: 0
Width: 3	

## 0.20 Regional supervisor name (s0q20)

File: S0\_General Information

**Overview**

Type: Discrete	Valid cases: 23709
Format: character	Invalid: 0
Width: 1	

## 0.21 Control results (s0q21)

File: S0\_General Information

**Overview**

Type: Continuous	Valid cases: 0
Format: numeric	Invalid: 23709
Width: 8	
Decimals: 0	
Range: 1-3	

## segment\_weight (weight)

File: S0\_General Information

**Overview**

Type: Continuous	Valid cases: 23709
Format: numeric	Invalid: 0
Width: 8	Minimum: 7.9
Decimals: 0	Maximum: 361
Range: 7.87116301033384-361.012133274259	Mean: 113.8
	Standard deviation: 86.4

## Household\_ID (idquest)

## File: S1\_Household members characteristics

**Overview**

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38849597801.7
	Standard deviation: 14044887102.2

## 0.1 Province (s0q1)

## File: S1\_Household members characteristics

**Overview**

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S1\_Household members characteristics

**Overview**

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S1\_Household members characteristics

**Overview**

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S1\_Household members characteristics

**Overview**

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.5
	Standard deviation: 14

## Household member number (s1q1)

### File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 18
Range: 1-18	Mean: 3.3
	Standard deviation: 2

## 1.2 Household member names (s1q2)

### File: S1\_Household members characteristics

#### Overview

Type: Discrete	Valid cases: 73665
Format: character	Invalid: 0
Width: 40	

## 1.3 What is the member relationship with the household Head? (s1q3)

### File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

## 1.4 What is the sex of household member? (s1q4)

### File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 1.5 What is the age of household member? (s1q5)

### File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 115
Range: 1-115	Mean: 23.3
	Standard deviation: 18.6

## 1.6 Did this child schooled? (s1q6)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 22244
Format: numeric	Invalid: 51421
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 1.7 What is the highest level of education attained by the household member? (s1q7)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 51421
Format: numeric	Invalid: 22244
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## 1.8 What is the main economic activity of household member? (s1q8)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 51421
Format: numeric	Invalid: 22244
Width: 8	Minimum: 1
Decimals: 0	Maximum: 6
Range: 1-6	

## 1.9 Where the farming activity is located? (s1q9)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 26874
Format: numeric	Invalid: 46791
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## 1.10 Average number of Hours/day that the household member worked per day in Sea (s1q10)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 26062
Format: numeric	Invalid: 47603
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12
Range: 0-12	Mean: 5.3
	Standard deviation: 1.6

### 1.11 Number of days that the household member worked in Sept -16 (s1q11)

File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 25301
Format: numeric	Invalid: 48364
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30
Range: 0-30	Mean: 14.9
	Standard deviation: 7.6

### 1.12 Number of days that the household member worked in Oct-16 (s1q12)

File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 25301
Format: numeric	Invalid: 48364
Width: 8	Minimum: 0
Decimals: 0	Maximum: 31
Range: 0-31	Mean: 13.7
	Standard deviation: 8

### 1.13 Number of days that the household member worked in Nov-16 (s1q13)

File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 25301
Format: numeric	Invalid: 48364
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30
Range: 0-30	Mean: 12.3
	Standard deviation: 8

### 1.14 Number of days that the household member worked in Dec-16 (s1q14)

File: S1\_Household members characteristics

#### Overview

Type: Continuous	Valid cases: 25301
Format: numeric	Invalid: 48364
Width: 8	Minimum: 0
Decimals: 0	Maximum: 31
Range: 0-31	Mean: 10.7
	Standard deviation: 8.1



## 1.15 Number of days that the household member worked in Jan-17 (s1q15)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 25301
Format: numeric	Invalid: 48364
Width: 8	Minimum: 0
Decimals: 0	Maximum: 31
Range: 0-31	Mean: 11.4
	Standard deviation: 8.1

## 1.16 Average number of Hours/day that the household member worked per day in Sea (s1q16)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 26062
Format: numeric	Invalid: 47603
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12
Range: 0-12	Mean: 5.3
	Standard deviation: 1.5

## 1.17 Number of days that the household member worked in Feb -17 (s1q17)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 25507
Format: numeric	Invalid: 48158
Width: 8	Minimum: 0
Decimals: 0	Maximum: 29
Range: 0-29	Mean: 13.6
	Standard deviation: 7.8

## 1.18 Number of days that the household member worked in March -17 (s1q18)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 25507
Format: numeric	Invalid: 48158
Width: 8	Minimum: 0
Decimals: 0	Maximum: 31
Range: 0-31	Mean: 13.3
	Standard deviation: 8

## 1.19 Number of days that the household member worked in April -17 (s1q19)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 25507
Format: numeric	Invalid: 48158
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30
Range: 0-30	Mean: 11.5
	Standard deviation: 7.9

## 1.20 Number of days that the household member worked in May -17 (s1q20)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 25507
Format: numeric	Invalid: 48158
Width: 8	Minimum: 0
Decimals: 0	Maximum: 31
Range: 0-31	Mean: 10.2
	Standard deviation: 8

## 1.21 Number of days that the household member worked in Jun-17 (s1q21)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 25507
Format: numeric	Invalid: 48158
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30
Range: 0-30	Mean: 9.9
	Standard deviation: 7.8

## segment\_weight (weight)

File: S1\_Household members characteristics

### Overview

Type: Continuous	Valid cases: 73665
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 131.4
	Standard deviation: 90.9

## Household\_ID (idquest)

## File: S2\_Land tenure crops planted

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38700334679.6
	Standard deviation: 14086136699.3

## 0.1 Province (s0q1)

## File: S2\_Land tenure crops planted

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S2\_Land tenure crops planted

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S2\_Land tenure crops planted

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S2\_Land tenure crops planted

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.4
	Standard deviation: 13.8

## 2.1 Did any member of your household own land used for dwelling during Season A (s2q1)

File: S2\_Land tenure crops planted

### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.2 Did any member of your household own land used for cropping during Season A (s2q2)

File: S2\_Land tenure crops planted

### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.3 Did any member of your household own land used for grazing during Season A 2 (s2q3)

File: S2\_Land tenure crops planted

### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.4 Did any member of your household rented land used for cropping for fixed (s2q4)

File: S2\_Land tenure crops planted

### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.5 Did any member of your household rented land used for cropping and paid rent (s2q5)

File: S2\_Land tenure crops planted

### Overview

## 2.5 Did any member of your household rented land used for cropping and paid rent (s2q5)

### File: S2\_Land tenure crops planted

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.6 Did any member of your household rented land used for cropping, for free dur (s2q6)

### File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.7.1 What are major 3 crops did your household grow during Season A 2017-Crop 1 (s2q7\_1)

### File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 14931
Format: numeric	Invalid: 1126
Width: 8	Minimum: 101
Decimals: 0	Maximum: 516
Range: 97-999	

## 2.7.2 What are major 3 crops did your household grow during Season A 2017-Crop 2 (s2q7\_2)

### File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 12758
Format: numeric	Invalid: 3299
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

## 2.7.3 What are major 3 crops did your household grow during Season A 2017-Crop 3 (s2q7\_3)

### File: S2\_Land tenure crops planted

#### Overview

### 2.7.3 What are major 3 crops did your household grow during Season A 2017-Crop 3 (s2q7\_3)

File: S2\_Land tenure crops planted

Type: Continuous	Valid cases: 8355
Format: numeric	Invalid: 7702
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

### 2.8.1 What are 3 major crops would your household have preferred to grow durin (s2q8\_1)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 14931
Format: numeric	Invalid: 1126
Width: 8	Minimum: 101
Decimals: 0	Maximum: 516
Range: 97-999	

### 2.8.2 What are 3 major crops would your household have preferred to grow durin (s2q8\_2)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 13037
Format: numeric	Invalid: 3020
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

### 2.8.3 What are 3 major crops would your household have preferred to grow durin (s2q8\_3)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 9513
Format: numeric	Invalid: 6544
Width: 8	Minimum: 101
Decimals: 0	Maximum: 513
Range: 97-999	

### 2.9 Did any member of your household own land used for dwelling during Season B (s2q9)

File: S2\_Land tenure crops planted

#### Overview

2.9 Did any member of your household own land used for dwelling during Season B (s2q9)

File: S2\_Land tenure crops planted

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

2.10 Did any member of your household own land used for cropping during Season B (s2q10)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

2.11 Did any member of your household own land used for grazing during Season B (s2q11)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

2.12 Did any member of your household rented land used for cropping for fixed am (s2q12)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

2.13 Did any member of your household rented land used for cropping and paid ren (s2q13)

File: S2\_Land tenure crops planted

#### Overview

## 2.13 Did any member of your household rented land used for cropping and paid ren (s2q13)

### File: S2\_Land tenure crops planted

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.14 Did any member of your household rented land used for cropping, for free du (s2q14)

### File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 2.15.1 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_1)

### File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 15121
Format: numeric	Invalid: 936
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

## 2.15. 2 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_2)

### File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 12195
Format: numeric	Invalid: 3862
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

## 2.15.3 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_3)

### File: S2\_Land tenure crops planted

#### Overview



### 2.15.3 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_3)

File: S2\_Land tenure crops planted

Type: Continuous	Valid cases: 7214
Format: numeric	Invalid: 8843
Width: 8	Minimum: 99
Decimals: 0	Maximum: 512
Range: 97-999	

### 2.16.1 What are 3 major crops would your household have preferred to grow duri (s2q16\_1)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 14829
Format: numeric	Invalid: 1228
Width: 8	Minimum: 6
Decimals: 0	Maximum: 512
Range: 6-999	

### 2.16.2 What are 3 major crops would your household have preferred to grow duri (s2q16\_2)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 12366
Format: numeric	Invalid: 3691
Width: 8	Minimum: 101
Decimals: 0	Maximum: 518
Range: 97-999	

### 2.16.3 What are 3 major crops would your household have preferred to grow duri (s2q16\_3)

File: S2\_Land tenure crops planted

#### Overview

Type: Continuous	Valid cases: 8408
Format: numeric	Invalid: 7649
Width: 8	Minimum: 99
Decimals: 0	Maximum: 990
Range: 97-999	

### segment\_weight (weight)

File: S2\_Land tenure crops planted

#### Overview

segment\_weight (weight)

File: S2\_Land tenure crops planted

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 12.2830236146464-361.012133274259

Valid cases: 16057  
Invalid: 0  
Minimum: 12.3  
Maximum: 361  
Mean: 134.8  
Standard deviation: 91.7

## Household\_ID (idquest)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38700334679.6
	Standard deviation: 14085807718.4

## 0.1 Province (s0q1)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.4
	Standard deviation: 13.8

### 3.1 Has any member of this household benefited from any extension service during (s3q1)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.2 What type of extension service provided? (s3q2)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### Type of cropping service received (s3q3\_a)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 10764
Format: numeric	Invalid: 53464
Width: 8	Minimum: 1
Decimals: 0	Maximum: 11
Range: 1-99	

### Cropping service provider (s3q3\_b)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 10763
Format: numeric	Invalid: 53465
Width: 8	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

### Type of livestock service received (s3q4\_a)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 1179
Format: numeric	Invalid: 63049
Width: 8	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

## Livestock service provider (s3q4\_b)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 1179
Format: numeric	Invalid: 63049
Width: 8	Minimum: 1
Decimals: 0	Maximum: 8
Range: 1-8	

## 3.5 HH member belong to ?Twigire muhinzi? group (s3q5)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 3.6 HH member benefited from contract farming during 2016-2017 (s3q6)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 3.7 HH member reared at least one cow during 2016-2017 (s3q7)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 3.8 Was there any reared cow received from GIRINKA program (s3q8)

## File: S3\_Extension services and agricultural programmes

**Overview**

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.9 Was there any reared cow donated by NGOs (s3q9)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 23628
Format: numeric	Invalid: 40600
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.10 Was there any reared cow donated by friends during 2016-2017 Agricultural (s3q10)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 23628
Format: numeric	Invalid: 40600
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.11 Was there any reared cow bought by any household member during 2016-2017 Ag (s3q11)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 23628
Format: numeric	Invalid: 40600
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.12 Was there any reared cow that was neither bought nor donated but own raised (s3q12)

File: S3\_Extension services and agricultural programmes

#### Overview

Type: Continuous	Valid cases: 25604
Format: numeric	Invalid: 38624
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.13 Does any member of this household still have cow provided by GIRINKA Progra (s3q13)

File: S3\_Extension services and agricultural programmes

#### Overview

### 3.13 Does any member of this household still have cow provided by GIRINKA Progra (s3q13)

#### File: S3\_Extension services and agricultural programmes

Type: Continuous	Valid cases: 3940
Format: numeric	Invalid: 60288
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.14 Why she/he doesn't still have that cow? (s3q14)

#### File: S3\_Extension services and agricultural programmes

##### Overview

Type: Continuous	Valid cases: 344
Format: numeric	Invalid: 63884
Width: 8	Minimum: 1
Decimals: 0	Maximum: 6
Range: 1-6	

### 3.15 Does any child of your household benefit one cup of milk at school last ter (s3q15)

#### File: S3\_Extension services and agricultural programmes

##### Overview

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 3.16 Do you have a kitchen garden at your home ? (s3q16)

#### File: S3\_Extension services and agricultural programmes

##### Overview

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### segment\_weight (weight)

#### File: S3\_Extension services and agricultural programmes

##### Overview

Type: Continuous	Valid cases: 64228
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 134.8
	Standard deviation: 91.7





## Household\_ID (idquest)

## File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38700334679.6
	Standard deviation: 14086136699.3

## 0.1 Province (s0q1)

## File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.4
	Standard deviation: 13.8

#### 4.1 Does the member of your household have an account in any financial instituti (s4q1)

File: S4\_Funding during 2016\_2017

##### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

#### 4.2 During 2016-2017, did any member of the household request a loan? (s4q2)

File: S4\_Funding during 2016\_2017

##### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

#### 4.3 From which type of financial Institution was the loan 1 requested? (s4q3)

File: S4\_Funding during 2016\_2017

##### Overview

Type: Continuous	Valid cases: 747
Format: numeric	Invalid: 15310
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

#### 4.4 Was the requested loan 1 approved? (s4q4)

File: S4\_Funding during 2016\_2017

##### Overview

Type: Continuous	Valid cases: 747
Format: numeric	Invalid: 15310
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

#### 4.5 If the agricultural loan 1 was requested but not approved what was the main (s4q5)

File: S4\_Funding during 2016\_2017

##### Overview

4.5 If the agricultural loan 1 was requested but not approved what was the main (s4q5)

File: S4\_Funding during 2016\_2017

Type: Continuous	Valid cases: 25
Format: numeric	Invalid: 16032
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

4.6 From which type of financial Institution was the loan 2 requested? (s4q6)

File: S4\_Funding during 2016\_2017

#### Overview

Type: Continuous	Valid cases: 38
Format: numeric	Invalid: 16019
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 0-9	

4.7 Was the requested loan 2 approved? (s4q7)

File: S4\_Funding during 2016\_2017

#### Overview

Type: Continuous	Valid cases: 38
Format: numeric	Invalid: 16019
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

4.8 If the agricultural loan 2 was requested but not approved what was the main (s4q8)

File: S4\_Funding during 2016\_2017

#### Overview

Type: Continuous	Valid cases: 3
Format: numeric	Invalid: 16054
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-5	

4.9 From which type of financial Institution was the loan 3 requested? (s4q9)

File: S4\_Funding during 2016\_2017

#### Overview

Type: Continuous	Valid cases: 4
Format: numeric	Invalid: 16053
Width: 8	Minimum: 4
Decimals: 0	Maximum: 9
Range: 0-9	

## 4.10 Was the requested loan 3 approved? (s4q10)

File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 4
Format: numeric	Invalid: 16053
Width: 8	Minimum: 3
Decimals: 0	Maximum: 3
Range: 1-3	

## 4.11 If the agricultural loan 3 was requested but not approved what was the main (s4q11)

File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 4
Format: numeric	Invalid: 16053
Width: 8	Minimum: 1
Decimals: 0	Maximum: 1
Range: 1-5	

## 4.12 Have you received any fund for grant for agricultural purpose during 2016-2 (s4q12)

File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 4.13 What is the origin of that grant? (s4q13)

File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 787
Format: numeric	Invalid: 15270
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## segment\_weight (weight)

File: S4\_Funding during 2016\_2017

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 134.8
	Standard deviation: 91.7



## Household\_ID (idquest)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38700334679.6
	Standard deviation: 14086136699.3

## 0.1 Province (s0q1)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.4
	Standard deviation: 13.8

### 5.1.1 Did any member of your household use organic fertilizer at least in one of (s5q1\_1)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 5.1.2. Quantity of organic fertilizer used during agricultural Season A 2017 (Kg (s5q1\_2)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 11080
Format: numeric	Invalid: 4977
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9000000
Range: 1-9000000	Mean: 2231
	Standard deviation: 94124

### 5.1.3 Source of organic fertilizer Season A-Source 1 (s5q1\_3)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 11080
Format: numeric	Invalid: 4977
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	Mean: 1.5
	Standard deviation: 0.9

### 5.1.4 Quantity purchased during agricultural Season A 2017 (Kg) (s5q1\_4)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 2216
Format: numeric	Invalid: 13841
Width: 8	Minimum: 0
Decimals: 0	Maximum: 200000
Range: 0-200000	Mean: 1313.8
	Standard deviation: 7029

### 5.1.5 Amount paid for purchasing the organic fertilizer during agricultural Seas (s5q1\_5)

File: S5\_Agricultural Inputs

#### Overview

### 5.1.5 Amount paid for purchasing the organic fertilizer during agricultural Seas (s5q1\_5)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 2213
Format: numeric	Invalid: 13844
Width: 8	Minimum: 0
Decimals: 0	Maximum: 5000000
Range: 0-5000000	Mean: 19573.3
	Standard deviation: 118121.2

### 5.1.6 Method used for preparing manure Season A-Methode 1 (s5q1\_6\_1)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 8515
Format: numeric	Invalid: 7542
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.1.6 Method used for preparing manure Season A-Methode 2 (s5q1\_6\_2)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 494
Format: numeric	Invalid: 15563
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.1.6 Method used for preparing manure Season A-Methode 3 (s5q1\_6\_3)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 494
Format: numeric	Invalid: 15563
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 5.1.7 Quantity of used organic fertilizer that any member of the household recei (s5q1\_7)

#### File: S5\_Agricultural Inputs

##### Overview



### 5.1.7 Quantity of used organic fertilizer that any member of the household recei (s5q1\_7)

#### File: S5\_Agricultural Inputs

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 0-15000

Valid cases: 897  
Invalid: 15160  
Minimum: 0  
Maximum: 15000  
Mean: 406.9  
Standard deviation: 890.5

### 5.1.8. Did any member of your household use lime or gypsum at least in one plot (s5q1\_8)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 16057  
Invalid: 0  
Minimum: 1  
Maximum: 2

### 5.1.9 Did any member of your household use organic fertilizer at least in one of (s5q1\_9)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 16057  
Invalid: 0  
Minimum: 1  
Maximum: 2

### 5.1.10. Quantity of organic fertilizer used during agricultural Season B 2017 (K (s5q1\_10)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2500000

Valid cases: 8336  
Invalid: 7721  
Minimum: 1  
Maximum: 2500000  
Mean: 1100.6  
Standard deviation: 27866.9

### 5.1.11 Source of organic fertilizer Season B (s5q1\_11)

#### File: S5\_Agricultural Inputs

##### Overview

### 5.1.11 Source of organic fertilizer Season B (s5q1\_11)

#### File: S5\_Agricultural Inputs

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-5

Valid cases: 8336  
Invalid: 7721  
Minimum: 1  
Maximum: 4

### 5.1.12 Quantity purchased during agricultural Season B 2017 (Kg) (s5q1\_12)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 3-200000

Valid cases: 1184  
Invalid: 14873  
Minimum: 3  
Maximum: 200000  
Mean: 1151.4  
Standard deviation: 6890.2

### 5.1.13 Amount paid for purchasing the organic fertilizer during agricultural Sea (s5q1\_13)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 10-5000000

Valid cases: 1184  
Invalid: 14873  
Minimum: 10  
Maximum: 5000000  
Mean: 19263.3  
Standard deviation: 152896.3

### 5.1.14 Method used for preparing manure Season B-Methode 1 (s5q1\_14\_1)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-4

Valid cases: 6827  
Invalid: 9230  
Minimum: 1  
Maximum: 4

### 5.1.14 Method used for preparing manure Season B-Methode 2 (s5q1\_14\_2)

#### File: S5\_Agricultural Inputs

##### Overview

### 5.1.14 Method used for preparing manure Season B-Method 2 (s5q1\_14\_2)

File: S5\_Agricultural Inputs

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-4

Valid cases: 365  
Invalid: 15692  
Minimum: 1  
Maximum: 4

### 5.1.14 Method used for preparing manure Season B-Method 3 (s5q1\_14\_3)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-9

Valid cases: 365  
Invalid: 15692  
Minimum: 1  
Maximum: 9

### 5.1.15 Is there any quantity of used organic fertilizer that any member of the h (s5q1\_15)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 0  
Invalid: 16057

### 5.1.16. Did any member of your household use lime or gypsum at least in one plot (s5q1\_16)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 1-2

Valid cases: 16057  
Invalid: 0  
Minimum: 1  
Maximum: 2

### 5.2.1 Did any member of your household use inorganic fertilizer at least in one (s5q2\_1)

File: S5\_Agricultural Inputs

#### Overview

### 5.2.1 Did any member of your household use inorganic fertilizer at least in one (s5q2\_1)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 5.2.2 What was the type of inorganic fertilizer used? Type 1 (s5q2\_2)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 4440
Format: numeric	Invalid: 11617
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 5.2.3 Measurement unit (s5q2\_3)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 4440
Format: numeric	Invalid: 11617
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-4	

### 5.2.4 Quantity of used fertilizer\_Type 1 (s5q2\_4)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 4440
Format: numeric	Invalid: 11617
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0.035-1500	Mean: 22.4
	Standard deviation: 57.8

### 5.2.5 Quantity of purchased fertilizer\_Type 1 (s5q2\_5)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 4440
Format: numeric	Invalid: 11617
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 21.2
	Standard deviation: 55.4

## 5.2.6 Price of inorganic fertilizer\_Type 1(RWF/Kg) (s5q2\_6)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 4289
Format: numeric	Invalid: 11768
Width: 8	Minimum: 200
Decimals: 0	Maximum: 1080
Range: 200-1080	Mean: 460.2
	Standard deviation: 83

## 5.2.7 Source of the used inorganic fertilizer-Source 1 (s5q2\_7)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 4440
Format: numeric	Invalid: 11617
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 5.2.8 What was the type of inorganic fertilizer used? Type 2 (s5q2\_8)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 4440
Format: numeric	Invalid: 11617
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

## 5.2.9 Measurement unit (s5q2\_9)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 2605
Format: numeric	Invalid: 13452
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## 5.2.10 Quantity of used fertilizer\_Type 2 (s5q2\_10)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 2604
Format: numeric	Invalid: 13453
Width: 8	Minimum: 0.5
Decimals: 0	Maximum: 500
Range: 0.5-500	Mean: 15.4
	Standard deviation: 33.4

### 5.2.11 Quantity of purchased fertilizer\_Type 2 (s5q2\_11)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2604
Format: numeric	Invalid: 13453
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500
Range: 0-500	Mean: 14.1
	Standard deviation: 28.4

### 5.2.12 Price of inorganic fertilizer\_Type 1(RWF/Kg) (s5q2\_12)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2543
Format: numeric	Invalid: 13514
Width: 8	Minimum: 175
Decimals: 0	Maximum: 850
Range: 175-850	Mean: 402.8
	Standard deviation: 74.4

### 5.2.13 Source of the used inorganic fertilizer-Source 2 (s5q2\_13)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2604
Format: numeric	Invalid: 13453
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.2.14 What was the type of inorganic fertilizer used? Type 3 (s5q2\_14)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2605
Format: numeric	Invalid: 13452
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

### 5.2.15 Measurement unit (s5q2\_15)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 296
Format: numeric	Invalid: 15761
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## 5.2.16 Quantity of used fertilizer\_Type 3 (s5q2\_16)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 296
Format: numeric	Invalid: 15761
Width: 8	Minimum: 0.2
Decimals: 0	Maximum: 250
Range: 0.15-250	Mean: 22.4
	Standard deviation: 32.3

## 5.2.17 Quantity of purchased fertilizer\_Type 3 (s5q2\_17)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 296
Format: numeric	Invalid: 15761
Width: 8	Minimum: 0
Decimals: 0	Maximum: 250
Range: 0-250	Mean: 20.5
	Standard deviation: 30.6

## 5.2.18 Price of inorganic fertilizer\_Type 3(RWF/Kg) (s5q2\_18)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 287
Format: numeric	Invalid: 15770
Width: 8	Minimum: 290
Decimals: 0	Maximum: 1000
Range: 290-1000	Mean: 435.5
	Standard deviation: 91.4

## 5.2.19 Source of the used inorganic fertilizer-Source 3 (s5q2\_19)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 296
Format: numeric	Invalid: 15761
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 5.2.20 Did any member of your household use inorganic fertilizer at least in one (s5q2\_20)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 5.2.21 What was the type of inorganic fertilizer used? Type 1 (s5q2\_21)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 3360
Format: numeric	Invalid: 12697
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 5.2.22 Measurement unit (s5q2\_22)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 3360
Format: numeric	Invalid: 12697
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.2.23 Quantity of used fertilizer\_Type 1 (s5q2\_23)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 3360
Format: numeric	Invalid: 12697
Width: 8	Minimum: 0.3
Decimals: 0	Maximum: 7800
Range: 0.25-7800	Mean: 26
	Standard deviation: 146.3

### 5.2.24 Quantity of purchased fertilizer\_Type 1 (s5q2\_24)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 3360
Format: numeric	Invalid: 12697
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1750
Range: 0-1750	Mean: 22.6
	Standard deviation: 55.8

### 5.2.25 Price of inorganic fertilizer\_Type 1(RWF/Kg) (s5q2\_25)

File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 3272
Format: numeric	Invalid: 12785
Width: 8	Minimum: 150
Decimals: 0	Maximum: 1200
Range: 150-1200	Mean: 471
	Standard deviation: 84.6



## 5.2.26 Source of the used inorganic fertilizer-Source 1 (s5q2\_26)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 3360
Format: numeric	Invalid: 12697
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 5.2.27 What was the type of inorganic fertilizer used? Type 2 (s5q2\_27)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 3360
Format: numeric	Invalid: 12697
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

## 5.2.28 Measurement unit (s5q2\_28)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 1489
Format: numeric	Invalid: 14568
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## 5.2.29 Quantity of used fertilizer\_Type 2 (s5q2\_29)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 1488
Format: numeric	Invalid: 14569
Width: 8	Minimum: 0.3
Decimals: 0	Maximum: 520
Range: 0.25-520	Mean: 16.8
	Standard deviation: 41.6

## 5.2.30 Quantity of purchased fertilizer\_Type 2 (s5q2\_30)

### File: S5\_Agricultural Inputs

#### Overview

Type: Continuous	Valid cases: 1488
Format: numeric	Invalid: 14569
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500
Range: 0-500	Mean: 15.5
	Standard deviation: 35.7

### 5.2.31 Price of inorganic fertilizer\_Type 2(RWF/Kg) (s5q2\_31)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 1460
Format: numeric	Invalid: 14597
Width: 8	Minimum: 200
Decimals: 0	Maximum: 1000
Range: 200-1000	Mean: 412.3
	Standard deviation: 82.5

### 5.2.32 Source of the used inorganic fertilizer-Source 2 (s5q2\_32)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 1488
Format: numeric	Invalid: 14569
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.2.33 What was the type of inorganic fertilizer used? Type 3 (s5q2\_33)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 1488
Format: numeric	Invalid: 14569
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

### 5.2.34 Measurement unit (s5q2\_34)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 15897
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.2.35 Quantity of used fertilizer\_Type 3 (s5q2\_35)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 15897
Width: 8	Minimum: 0.3
Decimals: 0	Maximum: 200
Range: 0.25-200	Mean: 17.3
	Standard deviation: 24.8

## 5.2.36 Quantity of purchased fertilizer\_Type 3 (s5q2\_36)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 15897
Width: 8	Minimum: 0.3
Decimals: 0	Maximum: 200
Range: 0.25-200	Mean: 17.3
	Standard deviation: 24.8

## 5.2.37 Price of inorganic fertilizer\_Type 3(RWF/Kg) (s5q2\_37)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 15897
Width: 8	Minimum: 295
Decimals: 0	Maximum: 1000
Range: 295-1000	Mean: 438.3
	Standard deviation: 111.3

## 5.2.38 Source of the used inorganic fertilizer-Source 3 (s5q2\_38)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 160
Format: numeric	Invalid: 15897
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 5.3.1 Did any member of your household applied pesticide at least in one of the (s5q3\_1)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 5.3.2 Pesticide used\_Type 1 (s5q3\_2)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 2579
Format: numeric	Invalid: 13478
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 5.3.3 Measurement unit (s5q3\_3)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2579
Format: numeric	Invalid: 13478
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.3.4 Used Quantity of Pesticide used\_Type 1 (s5q3\_4)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2579
Format: numeric	Invalid: 13478
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0.02-2000	Mean: 75.4
	Standard deviation: 143.7

### 5.3.5 Purchased Quantity(Kg) (s5q3\_5)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2579
Format: numeric	Invalid: 13478
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0-2000	Mean: 72.1
	Standard deviation: 143.7

### 5.3.6 Price of purchased Pesticide\_Type 1(RWF/Kg) (s5q3\_6)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2391
Format: numeric	Invalid: 13666
Width: 8	Minimum: 5
Decimals: 0	Maximum: 77500
Range: 5-77500	Mean: 2281.3
	Standard deviation: 3766.1

### 5.3.7 Source of pesticide used-Source 1 (s5q3\_7)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2579
Format: numeric	Invalid: 13478
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.3.8 What was the purpose of applying pesticide? (s5q3\_8)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2579
Format: numeric	Invalid: 13478
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.3.9 Pesticide used\_Type 2 (s5q3\_9)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2586
Format: numeric	Invalid: 13471
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

### 5.3.10 Measurement unit (s5q3\_10)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 946
Format: numeric	Invalid: 15111
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.3.11 Used Quantity of Pesticide used\_Type 2 (s5q3\_11)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 946
Format: numeric	Invalid: 15111
Width: 8	Minimum: 0
Decimals: 0	Maximum: 8000
Range: 0.02-8000	Mean: 119.1
	Standard deviation: 315.4

### 5.3.12 Purchased Quantity(Kg) (s5q3\_12)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 946
Format: numeric	Invalid: 15111
Width: 8	Minimum: 0
Decimals: 0	Maximum: 8000
Range: 0-8000	Mean: 117.7
	Standard deviation: 315.4

### 5.3.13 Price of purchased Pesticide\_Type 2 (RWF/Kg) (s5q3\_13)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 929
Format: numeric	Invalid: 15128
Width: 8	Minimum: 5
Decimals: 0	Maximum: 72000
Range: 5-72000	Mean: 3972.1
	Standard deviation: 6314.2

### 5.3.14 Source of pesticide used-Source 2 (s5q3\_14)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 946
Format: numeric	Invalid: 15111
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.3.15 What was the purpose of applying pesticide? (s5q3\_15)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 946
Format: numeric	Invalid: 15111
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.3.16 Pesticide used\_Type 3 (s5q3\_16)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 946
Format: numeric	Invalid: 15111
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

### 5.3.17 Measurement unit (s5q3\_17)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 297
Format: numeric	Invalid: 15760
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.3.18 Used Quantity of Pesticide used\_Type 3 (s5q3\_18)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 297
Format: numeric	Invalid: 15760
Width: 8	Minimum: 0
Decimals: 0	Maximum: 3000
Range: 0.01-3000	Mean: 165.1
	Standard deviation: 310.4

### 5.3.19 Purchased Quantity(Kg) (s5q3\_19)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 297
Format: numeric	Invalid: 15760
Width: 8	Minimum: 0
Decimals: 0	Maximum: 3000
Range: 0-3000	Mean: 164.3
	Standard deviation: 310.7

### 5.3.20 Price of purchased Pesticide\_Type 3 (RWF/Kg) (s5q3\_20)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 295
Format: numeric	Invalid: 15762
Width: 8	Minimum: 5
Decimals: 0	Maximum: 30000
Range: 5-30000	Mean: 3943.8
	Standard deviation: 4675

### 5.3.21 Source of pesticide used-Source 3 (s5q3\_21)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 297
Format: numeric	Invalid: 15760
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.3.22 What was the purpose of applying pesticide? (s5q3\_22)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 297
Format: numeric	Invalid: 15760
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.3.23 Did any member of your household applied pesticide at least in one of the (s5q3\_23)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 5.3.24 Pesticide used\_Type 1 (s5q3\_24)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2767
Format: numeric	Invalid: 13290
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 5.3.25 Measurement unit (s5q3\_25)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2767
Format: numeric	Invalid: 13290
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.3.26 Used Quantity of Pesticide used\_Type 1 (s5q3\_26)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2767
Format: numeric	Invalid: 13290
Width: 8	Minimum: 0
Decimals: 0	Maximum: 3000
Range: 0.01-3000	Mean: 73.1
	Standard deviation: 145.8

### 5.3.27 Purchased Quantity(Kg) (s5q3\_27)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2767
Format: numeric	Invalid: 13290
Width: 8	Minimum: 0
Decimals: 0	Maximum: 3000
Range: 0-3000	Mean: 68.6
	Standard deviation: 141.4



### 5.3.28 Price of purchased Pesticide\_Type 1(RWF/Kg) (s5q3\_28)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2522
Format: numeric	Invalid: 13535
Width: 8	Minimum: 5
Decimals: 0	Maximum: 77500
Range: 5-77500	Mean: 2437.6
	Standard deviation: 3570.1

### 5.3.29 Source of pesticide used-Source 1 (s5q3\_29)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2767
Format: numeric	Invalid: 13290
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.3.30 What was the purpose of applying pesticide? (s5q3\_30)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2767
Format: numeric	Invalid: 13290
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.3.31 Pesticide used\_Type 2 (s5q3\_31)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2770
Format: numeric	Invalid: 13287
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

### 5.3.32 Measurement unit (s5q3\_32)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 987
Format: numeric	Invalid: 15070
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

### 5.3.33 Used Quantity of Pesticide used\_Type 2 (s5q3\_33)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 987
Format: numeric	Invalid: 15070
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0.01-2000	Mean: 108.9
	Standard deviation: 180.1

### 5.3.34 Purchased Quantity(Kg) (s5q3\_34)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 987
Format: numeric	Invalid: 15070
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0-2000	Mean: 107.4
	Standard deviation: 179.8

### 5.3.35 Price of purchased Pesticide\_Type 2 (RWF/Kg) (s5q3\_35)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 968
Format: numeric	Invalid: 15089
Width: 8	Minimum: 5
Decimals: 0	Maximum: 130000
Range: 5-130000	Mean: 3477.8
	Standard deviation: 6380.6

### 5.3.36 Source of pesticide used-Source 2 (s5q3\_36)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 986
Format: numeric	Invalid: 15071
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.3.37 What was the purpose of applying pesticide? (s5q3\_37)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 986
Format: numeric	Invalid: 15071
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## 5.3.38 Pesticide used\_Type 3 (s5q3\_38)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 986
Format: numeric	Invalid: 15071
Width: 8	Minimum: 0
Decimals: 0	Maximum: 9
Range: 0-9	

## 5.3.39 Measurement unit (s5q3\_39)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 276
Format: numeric	Invalid: 15781
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-4	

## 5.3.40 Used Quantity of Pesticide used\_Type 3 (s5q3\_40)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 276
Format: numeric	Invalid: 15781
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0.01-2000	Mean: 197.3
	Standard deviation: 310.1

## 5.3.41 Purchased Quantity(Kg) (s5q3\_41)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 276
Format: numeric	Invalid: 15781
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0-2000	Mean: 197.1
	Standard deviation: 310.3

## 5.3.42 Price of purchased Pesticide\_Type 3 (RWF/Kg) (s5q3\_42)

## File: S5\_Agricultural Inputs

**Overview**

Type: Continuous	Valid cases: 202
Format: numeric	Invalid: 15855
Width: 8	Minimum: 2
Decimals: 0	Maximum: 9
Range: 2-9	Mean: 6.6
	Standard deviation: 1.6

### 5.3.43 Source of pesticide used-Source 3 (s5q3\_43)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 274
Format: numeric	Invalid: 15783
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.3.44 What was the purpose of applying pesticide? (s5q3\_44)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 274
Format: numeric	Invalid: 15783
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.4.1 Crops planted in season A-Crop 1 (s5q4\_1\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 14931
Format: numeric	Invalid: 1126
Width: 8	Minimum: 101
Decimals: 0	Maximum: 516
Range: 97-999	

### 5.4.2 Type of seeds used season A (s5q4\_2\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 14931
Format: numeric	Invalid: 1126
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.4.3 Quantity of traditional seeds sown ( Kg) (s5q4\_3\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 12828
Format: numeric	Invalid: 3229
Width: 8	Minimum: 0
Decimals: 0	Maximum: 100000
Range: 0-100000	Mean: 40.1
	Standard deviation: 908.8

#### 5.4.4 Quantity of traditional seeds bought ( Kg) (s5q4\_4\_a)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 12828
Format: numeric	Invalid: 3229
Width: 8	Minimum: 0
Decimals: 0	Maximum: 10000
Range: 0-10000	Mean: 16.9
	Standard deviation: 106.2

#### 5.4.5 Amount spent for the purchase of traditional seeds ( RWF) (s5q4\_5\_a)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 6899
Format: numeric	Invalid: 9158
Width: 8	Minimum: 0
Decimals: 0	Maximum: 5000000
Range: 0-5000000	Mean: 8900.8
	Standard deviation: 68524.5

#### 5.4.6 Quantity of improved seeds sown (Kg) (s5q4\_6\_a)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 2213
Format: numeric	Invalid: 13844
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 10.4
	Standard deviation: 42.8

#### 5.4.7 Quantity of improved seed brought (Kg) (s5q4\_7\_a)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 2211
Format: numeric	Invalid: 13846
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 7.7
	Standard deviation: 36.9

#### 5.4.8 Amount spent to the purchase of seeds (RWF) (s5q4\_8\_a)

##### File: S5\_Agricultural Inputs

###### Overview

### 5.4.8 Amount spent to the purchase of seeds (RWF) (s5q4\_8\_a)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 2075
Format: numeric	Invalid: 13982
Width: 8	Minimum: 1
Decimals: 0	Maximum: 450000
Range: 1-450000	Mean: 3430.4
	Standard deviation: 13646.9

### 5.4.9 Source of improved seeds used (s5q4\_9\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 2211
Format: numeric	Invalid: 13846
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.4.1 Crops planted in season A-Crop 2 (s5q4\_1\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 12735
Format: numeric	Invalid: 3322
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

### 5.4.2 Type of seeds used season A (s5q4\_2\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 12735
Format: numeric	Invalid: 3322
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.4.3 Quantity of traditional seeds sown ( Kg) (s5q4\_3\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 11692
Format: numeric	Invalid: 4365
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1800
Range: 0-1800	Mean: 40.4
	Standard deviation: 57.6

#### 5.4.4 Quantity of traditional seeds bought ( Kg) (s5q4\_4\_b)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 11693
Format: numeric	Invalid: 4364
Width: 8	Minimum: 0
Decimals: 0	Maximum: 700
Range: 0-700	Mean: 24.3
	Standard deviation: 42.3

#### 5.4.5 Amount spent for the purchase of traditional seeds ( RWF) (s5q4\_5\_b)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 6166
Format: numeric	Invalid: 9891
Width: 8	Minimum: 0
Decimals: 0	Maximum: 750000
Range: 0-750000	Mean: 4833.8
	Standard deviation: 15979.6

#### 5.4.6 Quantity of improved seeds sown (Kg) (s5q4\_6\_b)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 1093
Format: numeric	Invalid: 14964
Width: 8	Minimum: 0
Decimals: 0	Maximum: 700
Range: 0.01-700	Mean: 13.3
	Standard deviation: 39.4

#### 5.4.7 Quantity of improved seed brought (Kg) (s5q4\_7\_b)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 1093
Format: numeric	Invalid: 14964
Width: 8	Minimum: 0
Decimals: 0	Maximum: 300
Range: 0-300	Mean: 9.9
	Standard deviation: 25.1

#### 5.4.8 Amount spent to the purchase of seeds (RWF) (s5q4\_8\_b)

##### File: S5\_Agricultural Inputs

###### Overview

### 5.4.8 Amount spent to the purchase of seeds (RWF) (s5q4\_8\_b)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 1074
Format: numeric	Invalid: 14983
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500000
Range: 0-500000	Mean: 3427.8
	Standard deviation: 18052.9

### 5.4.9 Source of improved seeds used (s5q4\_9\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 1093
Format: numeric	Invalid: 14964
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.4.1 Crops planted in season A-Crop 3 (s5q4\_1\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 8298
Format: numeric	Invalid: 7759
Width: 8	Minimum: 101
Decimals: 0	Maximum: 511
Range: 97-999	

### 5.4.2 Type of seeds used season A (s5q4\_2\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 8298
Format: numeric	Invalid: 7759
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.4.3 Quantity of traditional seeds sown ( Kg) (s5q4\_3\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 7862
Format: numeric	Invalid: 8195
Width: 8	Minimum: 0
Decimals: 0	Maximum: 5400
Range: 0.01-5400	Mean: 68.8
	Standard deviation: 82.1



#### 5.4.4 Quantity of traditional seeds bought ( Kg) (s5q4\_4\_c)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 7862
Format: numeric	Invalid: 8195
Width: 8	Minimum: 0
Decimals: 0	Maximum: 800
Range: 0-800	Mean: 43.7
	Standard deviation: 51

#### 5.4.5 Amount spent for the purchase of traditional seeds ( RWF) (s5q4\_5\_c)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 4132
Format: numeric	Invalid: 11925
Width: 8	Minimum: 0
Decimals: 0	Maximum: 360000
Range: 0-360000	Mean: 2912.4
	Standard deviation: 11605.7

#### 5.4.6 Quantity of improved seeds sown (Kg) (s5q4\_6\_c)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 441
Format: numeric	Invalid: 15616
Width: 8	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 24.6
	Standard deviation: 45.4

#### 5.4.7 Quantity of improved seed brought (Kg) (s5q4\_7\_c)

##### File: S5\_Agricultural Inputs

###### Overview

Type: Continuous	Valid cases: 441
Format: numeric	Invalid: 15616
Width: 8	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 19.8
	Standard deviation: 41.6

#### 5.4.8 Amount spent to the purchase of seeds (RWF) (s5q4\_8\_c)

##### File: S5\_Agricultural Inputs

###### Overview

### 5.4.8 Amount spent to the purchase of seeds (RWF) (s5q4\_8\_c)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 438
Format: numeric	Invalid: 15619
Width: 8	Minimum: 0
Decimals: 0	Maximum: 200000
Range: 0-200000	Mean: 4556.2
	Standard deviation: 14494.6

### 5.4.9 Source of improved seeds used (s5q4\_9\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 441
Format: numeric	Invalid: 15616
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.4.10 Crops planted in season B-Crop 1 (s5q4\_10\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 15129
Format: numeric	Invalid: 928
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

### 5.4.11 Type of seeds used season B (s5q4\_11\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 15129
Format: numeric	Invalid: 928
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.4.12 Quantity of traditional seeds sown ( Kg) (s5q4\_12\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 14098
Format: numeric	Invalid: 1959
Width: 8	Minimum: 0
Decimals: 0	Maximum: 20000
Range: 0-20000	Mean: 32
	Standard deviation: 197.5

### 5.4.13 Quantity of traditional seeds bought ( Kg) (s5q4\_13\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 14097
Format: numeric	Invalid: 1960
Width: 8	Minimum: 0
Decimals: 0	Maximum: 7000
Range: 0-7000	Mean: 15
	Standard deviation: 84.1

### 5.4.14 Amount spent for the purchase of traditional seeds ( RWF) (s5q4\_14\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 6383
Format: numeric	Invalid: 9674
Width: 8	Minimum: 0
Decimals: 0	Maximum: 3390000
Range: 0-3390000	Mean: 7717.5
	Standard deviation: 49595.4

### 5.4.15 Source of improved seeds/seedling (s5q4\_15\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 978
Format: numeric	Invalid: 15079
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.4.16 Quantity of improved seeds sown ( Kg) (s5q4\_16\_a)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 978
Format: numeric	Invalid: 15079
Width: 8	Minimum: 0
Decimals: 0	Maximum: 10000
Range: 0-10000	Mean: 29.1
	Standard deviation: 324.1

### 5.4.17 Quantity of improved seeds bought ( Kg) (s5q4\_17\_a)

#### File: S5\_Agricultural Inputs

##### Overview

### 5.4.17 Quantity of improved seeds bought ( Kg) (s5q4\_17\_a)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 978
Format: numeric	Invalid: 15079
Width: 8	Minimum: 0
Decimals: 0	Maximum: 300
Range: 0-300	Mean: 13.7
	Standard deviation: 31.8

### 5.4.18 Amount spent for the purchase of improved seeds ( RWF) (s5q4\_18\_a)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 902
Format: numeric	Invalid: 15155
Width: 8	Minimum: 0
Decimals: 0	Maximum: 300000
Range: 0-300000	Mean: 5040.7
	Standard deviation: 16782

### 5.4.10 Crops planted in season B-Crop 2 (s5q4\_10\_b)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 12202
Format: numeric	Invalid: 3855
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

### 5.4.11 Type of seeds used season B (s5q4\_11\_b)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 12202
Format: numeric	Invalid: 3855
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.4.12 Quantity of traditional seeds sown ( Kg) (s5q4\_12\_b)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 11494
Format: numeric	Invalid: 4563
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2800
Range: 0-2800	Mean: 38.7
	Standard deviation: 64.4

### 5.4.13 Quantity of traditional seeds bought ( Kg) (s5q4\_13\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 11494
Format: numeric	Invalid: 4563
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1000
Range: 0-1000	Mean: 21.4
	Standard deviation: 41.3

### 5.4.14 Amount spent for the purchase of traditional seeds ( RWF) (s5q4\_14\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 4914
Format: numeric	Invalid: 11143
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500000
Range: 0-500000	Mean: 3933
	Standard deviation: 14780.5

### 5.4.15 Source of improved seeds/seedling (s5q4\_15\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 585
Format: numeric	Invalid: 15472
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.4.16 Quantity of improved seeds sown ( Kg) (s5q4\_16\_b)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 586
Format: numeric	Invalid: 15471
Width: 8	Minimum: 0
Decimals: 0	Maximum: 450
Range: 0-450	Mean: 24.2
	Standard deviation: 44

### 5.4.17 Quantity of improved seeds bought ( Kg) (s5q4\_17\_b)

#### File: S5\_Agricultural Inputs

##### Overview

### 5.4.17 Quantity of improved seeds bought ( Kg) (s5q4\_17\_b)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 586
Format: numeric	Invalid: 15471
Width: 8	Minimum: 0
Decimals: 0	Maximum: 200
Range: 0-200	Mean: 17.7
	Standard deviation: 34.7

### 5.4.18 Amount spent for the purchase of improved seeds ( RWF) (s5q4\_18\_b)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 578
Format: numeric	Invalid: 15479
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500000
Range: 0-500000	Mean: 4461.7
	Standard deviation: 22253.3

### 5.4.10 Crops planted in season B-Crop 3 (s5q4\_10\_c)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 7109
Format: numeric	Invalid: 8948
Width: 8	Minimum: 99
Decimals: 0	Maximum: 511
Range: 97-999	

### 5.4.11 Type of seeds used season B (s5q4\_11\_c)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 7109
Format: numeric	Invalid: 8948
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 5.4.12 Quantity of traditional seeds sown ( Kg) (s5q4\_12\_c)

#### File: S5\_Agricultural Inputs

Overview	
Type: Continuous	Valid cases: 6656
Format: numeric	Invalid: 9401
Width: 8	Minimum: 0
Decimals: 0	Maximum: 750
Range: 0-750	Mean: 58.5
	Standard deviation: 47.6

### 5.4.13 Quantity of traditional seeds bought ( Kg) (s5q4\_13\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 6656
Format: numeric	Invalid: 9401
Width: 8	Minimum: 0
Decimals: 0	Maximum: 300
Range: 0-300	Mean: 36
	Standard deviation: 46.8

### 5.4.14 Amount spent for the purchase of traditional seeds ( RWF) (s5q4\_14\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 3118
Format: numeric	Invalid: 12939
Width: 8	Minimum: 0
Decimals: 0	Maximum: 300000
Range: 0-300000	Mean: 2368.6
	Standard deviation: 8796.5

### 5.4.15 Source of improved seeds/seedling (s5q4\_15\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 376
Format: numeric	Invalid: 15681
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 5.4.16 Quantity of improved seeds sown ( Kg) (s5q4\_16\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 3424
Format: numeric	Invalid: 12633
Width: 8	Minimum: 0
Decimals: 0	Maximum: 750
Range: 0-750	Mean: 20.6
	Standard deviation: 43.1

### 5.4.17 Quantity of improved seeds bought ( Kg) (s5q4\_17\_c)

#### File: S5\_Agricultural Inputs

##### Overview

### 5.4.17 Quantity of improved seeds bought ( Kg) (s5q4\_17\_c)

#### File: S5\_Agricultural Inputs

Type: Continuous	Valid cases: 3424
Format: numeric	Invalid: 12633
Width: 8	Minimum: 0
Decimals: 0	Maximum: 750
Range: 0-750	Mean: 18.8
	Standard deviation: 40.3

### 5.4.18 Amount spent for the purchase of improved seeds ( RWF) (s5q4\_18\_c)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 264
Format: numeric	Invalid: 15793
Width: 8	Minimum: 0
Decimals: 0	Maximum: 200000
Range: 0-200000	Mean: 4744.7
	Standard deviation: 13889.4

### segment\_weight (weight)

#### File: S5\_Agricultural Inputs

##### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 134.8
	Standard deviation: 91.7



## Household\_ID (idquest)

### File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38700334679.6
	Standard deviation: 14086136699.3

## household engaged in cropping in season B (dummy\_cropping\_B)

### File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1.1
	Standard deviation: 0.2

## households who engaged in cropping in one of seasons (cropping)

### File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	Mean: 1
	Standard deviation: 0.2

## 2.7.1 What are major 3 crops did your household grow during Season A 2017-Crop 1 (s2q7\_1)

### File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 14931
Format: numeric	Invalid: 1126
Width: 8	Minimum: 101
Decimals: 0	Maximum: 516
Range: 101-516	Mean: 116.8
	Standard deviation: 48.1

## 2.7.2 What are major 3 crops did your household grow during Season A 2017-Crop 2 (s2q7\_2)

### File: S6\_Agricultural Practices

#### Overview

## 2.7.2 What are major 3 crops did your household grow during Season A 2017-Crop 2 (s2q7\_2)

### File: S6\_Agricultural Practices

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 101-512

Valid cases: 12758  
Invalid: 3299  
Minimum: 101  
Maximum: 512  
Mean: 141.9  
Standard deviation: 77

## 2.7.3 What are major 3 crops did your household grow during Season A 2017-Crop 3 (s2q7\_3)

### File: S6\_Agricultural Practices

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 101-512

Valid cases: 8355  
Invalid: 7702  
Minimum: 101  
Maximum: 512  
Mean: 197.3  
Standard deviation: 99.8

## 2.15.1 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_1)

### File: S6\_Agricultural Practices

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 101-512

Valid cases: 15121  
Invalid: 936  
Minimum: 101  
Maximum: 512  
Mean: 118.2  
Standard deviation: 49.7

## 2.15. 2 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_2)

### File: S6\_Agricultural Practices

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 101-512

Valid cases: 12195  
Invalid: 3862  
Minimum: 101  
Maximum: 512  
Mean: 142.1  
Standard deviation: 76.9

## 2.15.3 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_3)

### File: S6\_Agricultural Practices

### 2.15.3 What are major 3 crops did your household grow during Season B 2017-Crop (s2q15\_3)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 7214
Format: numeric	Invalid: 8843
Width: 8	Minimum: 99
Decimals: 0	Maximum: 512
Range: 99-512	Mean: 184.7
	Standard deviation: 98.4

### 0.1 Province (s0q1)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 0.2 District (s0q2)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

### 0.3 Stratum (s0q3)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

### 0.4 Segment (s0q4)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.4
	Standard deviation: 13.8

### 6.1.1 Did any member of your household practice any type of erosion control meas (s6q1\_1)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 6.1.2.1 Soil protection measure-Measure 1 (s6q1\_2\_1)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 9837
Format: numeric	Invalid: 6220
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 6.1.2.2 Soil protection measure-Measure 2 (s6q1\_2\_2)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 5472
Format: numeric	Invalid: 10585
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-99	

### 6.1.2.3 Soil protection measure-Measure 3 (s6q1\_2\_3)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 1027
Format: numeric	Invalid: 15030
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-99	

### 6.1.3 Is soil erosion on any of your household member?s land increasing over tim (s6q1\_3)

File: S6\_Agricultural Practices

#### Overview

Type: Continuous	Valid cases: 16052
Format: numeric	Invalid: 5
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## 6.1.4.1 Main form of erosion -Form 1 (s6q1\_4\_1)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous	Valid cases: 8112
Format: numeric	Invalid: 7945
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-9	

## 6.1.4.2 Main form of erosion -Form 2 (s6q1\_4\_2)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous	Valid cases: 2204
Format: numeric	Invalid: 13853
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-9	

## 6.1.4.3 Main form of erosion -Form 3 (s6q1\_4\_3)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous	Valid cases: 494
Format: numeric	Invalid: 15563
Width: 8	Minimum: 1
Decimals: 0	Maximum: 4
Range: 1-9	

## 6.1.5.0 Are there any limitation in applying soil protection? (s6q1\_5\_0)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous	Valid cases: 16051
Format: numeric	Invalid: 6
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 6.1.5.1 Limitations in applying soil protection-Limitation 1 (s6q1\_5\_1)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous	Valid cases: 3075
Format: numeric	Invalid: 12982
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 6.1.5.1-A-Other Limitation specify-1 (s6q1\_5\_1\_a)

## File: S6\_Agricultural Practices

**Overview**

Type: Discrete	Valid cases: 253
Format: character	Invalid: 0
Width: 30	

## 6.1.5.2 Limitations in applying soil protection-Limitation 2 (s6q1\_5\_2)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous	Valid cases: 1123
Format: numeric	Invalid: 14934
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-9	

## 6.1.5.1-A-Other Limitation specify-2 (s6q1\_5\_1\_b)

## File: S6\_Agricultural Practices

**Overview**

Type: Discrete	Valid cases: 60
Format: character	Invalid: 0
Width: 30	

## 6.1.5.3 Limitations in applying soil protection-Limitation 3 (s6q1\_5\_3)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous	Valid cases: 250
Format: numeric	Invalid: 15807
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-9	

## 6.1.5.1-A-Other Limitation specify-3 (s6q1\_5\_1\_c)

## File: S6\_Agricultural Practices

**Overview**

Type: Discrete	Valid cases: 40
Format: character	Invalid: 0
Width: 30	

## 6.2.1 Household practice any irrigation technique? (s6q2\_1)

## File: S6\_Agricultural Practices

**Overview**

### 6.2.1 Household practice any irrigation technique? (s6q2\_1)

#### File: S6\_Agricultural Practices

Type: Continuous	Valid cases: 16057
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 6.2.2.1 Which irrigation technics -Technic 1 (s6q2\_2\_1)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 1495
Format: numeric	Invalid: 14562
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

### 6.2.2.2 Which irrigation technics- Technic 2 (s6q2\_2\_2)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 1495
Format: numeric	Invalid: 14562
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 6.2.2.3 Which irrigation technics- Technic 3 (s6q2\_2\_3)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 117
Format: numeric	Invalid: 15940
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 6.2.3.1 Main source of water used for irrigation-Source 1 (s6q2\_3\_1)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 1495
Format: numeric	Invalid: 14562
Width: 8	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

### 6.2.3.2 Main source of water used for irrigation-Source 2 (s6q2\_3\_2)

#### File: S6\_Agricultural Practices

### 6.2.3.2 Main source of water used for irrigation-Source 2 (s6q2\_3\_2)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 1495
Format: numeric	Invalid: 14562
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

### 6.2.3.3 Main source of water used for irrigation-Source 3 (s6q2\_3\_3)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 48
Format: numeric	Invalid: 16009
Width: 8	Minimum: 5
Decimals: 0	Maximum: 9
Range: 1-9	

### 6.2.4 Use any mechanical equipment (s6q2\_4)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 16052
Format: numeric	Invalid: 5
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 6.2.5.1 Mechanical equipment used-Tech Equip 1 (s6q2\_5\_1)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 23
Format: numeric	Invalid: 16034
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-3	

### 6.2.5.1 Mechanical equipment used-Tech Equip 2 (s6q2\_5\_2)

#### File: S6\_Agricultural Practices

##### Overview

Type: Continuous	Valid cases: 23
Format: numeric	Invalid: 16034
Width: 8	Minimum: 3
Decimals: 0	Maximum: 9
Range: 1-9	



## 6.2.5.3 Mechanical equipment used-Tech Equip 3 (s6q2\_5\_3)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 1-9

Valid cases: 1  
 Invalid: 16056  
 Minimum: 9  
 Maximum: 9

## segment\_weight (weight)

## File: S6\_Agricultural Practices

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 8  
 Decimals: 0  
 Range: 12.2830236146464-361.012133274259

Valid cases: 16057  
 Invalid: 0  
 Minimum: 12.3  
 Maximum: 361  
 Mean: 134.8  
 Standard deviation: 91.7

## Household\_ID (idquest)

## File: S7\_1\_Agricultural small tools

**Overview**

Type: Continuous	Valid cases: 362203
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38585719815.8
	Standard deviation: 14125935996.3

## 0.1 Province (s0q1)

## File: S7\_1\_Agricultural small tools

**Overview**

Type: Continuous	Valid cases: 362203
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S7\_1\_Agricultural small tools

**Overview**

Type: Continuous	Valid cases: 362203
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S7\_1\_Agricultural small tools

**Overview**

Type: Continuous	Valid cases: 362203
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S7\_1\_Agricultural small tools

**Overview**

Type: Continuous	Valid cases: 362203
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.5
	Standard deviation: 13.9

## 7.1 small tools name (s7q1)

File: S7\_1\_Agricultural small tools

### Overview

Type: Continuous	Valid cases: 346148
Format: numeric	Invalid: 16055
Width: 8	Minimum: 1
Decimals: 0	Maximum: 26
Range: 1-99	

## 7.2 Does any member of your household own this tool for farming activities (s7q2)

File: S7\_1\_Agricultural small tools

### Overview

Type: Continuous	Valid cases: 346148
Format: numeric	Invalid: 16055
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 7.3 The number of this tool owned by the household (s7q3)

File: S7\_1\_Agricultural small tools

### Overview

Type: Continuous	Valid cases: 110406
Format: numeric	Invalid: 251797
Width: 8	Minimum: 0
Decimals: 0	Maximum: 8000
Range: 0-8000	Mean: 2.3
	Standard deviation: 33.1

## 7.4 Number of tools purchased by your household during agricultural year 2016-20 (s7q4)

File: S7\_1\_Agricultural small tools

### Overview

Type: Continuous	Valid cases: 110408
Format: numeric	Invalid: 251795
Width: 8	Minimum: 0
Decimals: 0	Maximum: 200
Range: 0-200	Mean: 0.7
	Standard deviation: 2.4

## 7.5 Unit price for the purchased tool (s7q5)

File: S7\_1\_Agricultural small tools

### Overview

## 7.5 Unit price for the purchased tool (s7q5)

### File: S7\_1\_Agricultural small tools

Type: Continuous	Valid cases: 39773
Format: numeric	Invalid: 322430
Width: 8	Minimum: 1
Decimals: 0	Maximum: 450000
Range: 1-450000	Mean: 1409.1
	Standard deviation: 5594.8

## 7.6 Number of this tool rented by your household (s7q6)

### File: S7\_1\_Agricultural small tools

#### Overview

Type: Continuous	Valid cases: 110404
Format: numeric	Invalid: 251799
Width: 8	Minimum: 0
Decimals: 0	Maximum: 7000
Range: 0-7000	Mean: 0.9
	Standard deviation: 46.5

## 7.7 Amount paid for rented small tools (s7q7)

### File: S7\_1\_Agricultural small tools

#### Overview

Type: Continuous	Valid cases: 719
Format: numeric	Invalid: 361484
Width: 8	Minimum: 0
Decimals: 0	Maximum: 72000
Range: 0-72000	Mean: 918.3
	Standard deviation: 4441.5

## segment\_weight (weight)

### File: S7\_1\_Agricultural small tools

#### Overview

Type: Continuous	Valid cases: 362203
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 137.4
	Standard deviation: 93

## Household\_ID (idquest)

## File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 207049
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 37826875027.3
	Standard deviation: 13957734615.2

## 0.1 Province (s0q1)

## File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 207049
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 207049
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 207049
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 207049
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.3
	Standard deviation: 13.9

## 7.8 Durable tool name (s7q8)

File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 198273
Format: numeric	Invalid: 8776
Width: 8	Minimum: 1
Decimals: 0	Maximum: 18
Range: 1-99	

## 7.9 Did any member of your household use this equipment? (s7q9)

File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 198273
Format: numeric	Invalid: 8776
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 7.10 The number of this tool existing in the farm at the day of interview (s7q10)

File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 8116
Format: numeric	Invalid: 198933
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2000
Range: 0-2000	Mean: 1.4
	Standard deviation: 22.4

## 7.11 Number of tools acquired during agricultural year 2016-2017 (s7q11)

File: S7\_2\_Agricultural durable tools

**Overview**

Type: Continuous	Valid cases: 8116
Format: numeric	Invalid: 198933
Width: 8	Minimum: 0
Decimals: 0	Maximum: 8000
Range: 0-8000	Mean: 1.2
	Standard deviation: 89

## 7.12 Unit price for the purchased tool (RWF) (s7q12)

File: S7\_2\_Agricultural durable tools

**Overview**

## 7.12 Unit price for the purchased tool (RWF) (s7q12)

### File: S7\_2\_Agricultural durable tools

Type: Continuous	Valid cases: 1655
Format: numeric	Invalid: 205394
Width: 8	Minimum: 0
Decimals: 0	Maximum: 21000000
Range: 0-21000000	Mean: 87495.7
	Standard deviation: 761236

## 7.13 Number of this rented by your household member (s7q13)

### File: S7\_2\_Agricultural durable tools

#### Overview

Type: Continuous	Valid cases: 7683
Format: numeric	Invalid: 199366
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 0.4
	Standard deviation: 24.2

## 7.14 Amount paid for rented durable tools (s7q14)

### File: S7\_2\_Agricultural durable tools

#### Overview

Type: Continuous	Valid cases: 861
Format: numeric	Invalid: 206188
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1900000
Range: 0-1900000	Mean: 6347.8
	Standard deviation: 76137.7

## segment\_weight (weight)

### File: S7\_2\_Agricultural durable tools

#### Overview

Type: Continuous	Valid cases: 207049
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 139.2
	Standard deviation: 93.3

## Household\_ID (idquest)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38764937941.5
	Standard deviation: 14178938726.7

## 0.1 Province (s0q1)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	Mean: 23.6
	Standard deviation: 14.8

## 0.4 Segment (s0q4)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.3
	Standard deviation: 13.7



### 8.1.1 Crop name (s8q1\_1\_1)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Discrete	Valid cases: 35834
Format: character	Invalid: 0
Width: 15	

### 8.1.2 Crop code 1 (s8q1\_1\_2)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 35833
Format: numeric	Invalid: 11
Width: 8	Minimum: 101
Decimals: 0	Maximum: 516
Range: 97-999	

### 8.1.3 What was the quantity produced? (Kg) Season A (s8q1\_1\_3)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 162800
Range: 0-162800	Mean: 235
	Standard deviation: 1250.4

### 8.1.4 What was the quantity processed at farm level? (s8q1\_1\_4)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 31954
Format: numeric	Invalid: 3890
Width: 8	Minimum: 0
Decimals: 0	Maximum: 15000
Range: 0-15000	Mean: 26
	Standard deviation: 198.3

### 8.1.5 What was the quantity sold? (s8q1\_1\_5)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 150000
Range: 0-150000	Mean: 124.2
	Standard deviation: 1061.6

### 8.1.6 On which market this crop was sold? (s8q1\_1\_6)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 13297
Format: numeric	Invalid: 22547
Width: 8	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

### 8.1.7 What was the selling price per kilogram? (RwF/Kg) (s8q1\_1\_7)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 13297
Format: numeric	Invalid: 22547
Width: 8	Minimum: 6
Decimals: 0	Maximum: 60000
Range: 6-60000	Mean: 314.8
	Standard deviation: 1026.2

### 8.1.8 What was the quantity used for own consumption? (s8q1\_1\_8)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 14000
Range: 0-14000	Mean: 71.7
	Standard deviation: 175.9

### 8.1.9 What was the quantity used as wages? (s8q1\_1\_9)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 11050
Range: 0-11050	Mean: 3.9
	Standard deviation: 73.1

### 8.1.10 What was the quantity used as farm rent? (s8q1\_1\_10)

#### File: S8\_A\_Production Use, storage and Expenses

##### Overview

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 14500
Range: 0-14500	Mean: 4.7
	Standard deviation: 85.2

## 8.1.11 What was the quantity used as gift? (s8q1\_1\_11)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 10000
Range: 0-10000	Mean: 10.8
	Standard deviation: 65.1

## 8.1.12 What was the quantity exchanged for other goods? (s8q1\_1\_12)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 0.2
	Standard deviation: 4.6

## 8.1.13 What was the quantity used as seeds? (s8q1\_1\_13)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 13000
Range: 0-13000	Mean: 8.8
	Standard deviation: 117.4

## 8.1.14 What was the quantity used to feed animals? (s8q1\_1\_14)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12000
Range: 0-12000	Mean: 2.1
	Standard deviation: 101.1

## 8.1.15 What was the quantity stored? (s8q1\_1\_15)

## File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 4150
Range: 0-4150	Mean: 3.4
	Standard deviation: 32.4

## 8.1.16 What was the quantity lost after harvest? (s8q1\_1\_16)

File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2925
Range: 0-2925	Mean: 1.1
	Standard deviation: 26.5

## 8.1.17 What was the quantity used in other forms? (s8q1\_1\_17)

File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30000
Range: 0-30000	Mean: 4.1
	Standard deviation: 177.5

## 8.1.18 Which is the storage facility used by the household? storage type 1 (s8q1\_1\_18)

File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 2657
Format: numeric	Invalid: 33187
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## 8.1.19 Do you apply training skills on post-harvest-handling and storage? (s8q1\_1\_19)

File: S8\_A\_Production Use, storage and Expenses

**Overview**

Type: Continuous	Valid cases: 31953
Format: numeric	Invalid: 3891
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 8.1.20 Amount paid to labour for harvest and transport of the harvest of this cr (s8q1\_1\_20)

File: S8\_A\_Production Use, storage and Expenses

**Overview**

### 8.1.20 Amount paid to labour for harvest and transport of the harvest of this cr (s8q1\_1\_20)

#### File: S8\_A\_Production Use, storage and Expenses

Type: Continuous	Valid cases: 31953
Format: numeric	Invalid: 3891
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2520000
Range: 0-2520000	Mean: 1851.4
	Standard deviation: 16558.1

### 8.1.21 Amount paid on renting equipment used to harvest this crop during Season (s8q1\_1\_21)

#### File: S8\_A\_Production Use, storage and Expenses

Overview	
Type: Continuous	Valid cases: 31953
Format: numeric	Invalid: 3891
Width: 8	Minimum: 0
Decimals: 0	Maximum: 170000
Range: 0-170000	Mean: 69.7
	Standard deviation: 1792.7

### 8.1.22 Amount paid on rehabilitation and maintenance of buildings and other equi (s8q1\_1\_22)

#### File: S8\_A\_Production Use, storage and Expenses

Overview	
Type: Continuous	Valid cases: 31952
Format: numeric	Invalid: 3892
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30000
Range: 0-30000	Mean: 9.4
	Standard deviation: 378.4

### 8.1.23 Amount paid on rehabilitation and maintenance of buildings and other eq (s8q1\_1\_23)

#### File: S8\_A\_Production Use, storage and Expenses

Overview	
Type: Continuous	Valid cases: 31952
Format: numeric	Invalid: 3892
Width: 8	Minimum: 0
Decimals: 0	Maximum: 19000
Range: 0-19000	Mean: 3.2
	Standard deviation: 151.1

### 8.1.24 Amount paid for insecticides to keep stored production against pests duri (s8q1\_1\_24)

#### File: S8\_A\_Production Use, storage and Expenses

### 8.1.24 Amount paid for insecticides to keep stored production against pests duri (s8q1\_1\_24)

File: S8\_A\_Production Use, storage and Expenses

#### Overview

Type: Continuous	Valid cases: 31952
Format: numeric	Invalid: 3892
Width: 8	Minimum: 0
Decimals: 0	Maximum: 100000
Range: 0-100000	Mean: 73
	Standard deviation: 788.8

### 8.1.25 Other cost (s8q1\_1\_25)

File: S8\_A\_Production Use, storage and Expenses

#### Overview

Type: Continuous	Valid cases: 31952
Format: numeric	Invalid: 3892
Width: 8	Minimum: 0
Decimals: 0	Maximum: 120000
Range: 0-120000	Mean: 103.4
	Standard deviation: 1513.9

### segment\_weight (weight)

File: S8\_A\_Production Use, storage and Expenses

#### Overview

Type: Continuous	Valid cases: 35844
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 142.6
	Standard deviation: 93.3

## Household\_ID (idquest)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38652506452.7
	Standard deviation: 14224099871.8

## 0.1 Province (s0q1)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	Mean: 23.5
	Standard deviation: 14.8

## 0.4 Segment (s0q4)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.4
	Standard deviation: 13.8

## 8.1.26 Crop name (s8q1\_1\_26)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Discrete	Valid cases: 34151
Format: character	Invalid: 0
Width: 15	

## 8.1.27 Crop code 1 (s8q1\_1\_27)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34152
Format: numeric	Invalid: 15
Width: 8	Minimum: 101
Decimals: 0	Maximum: 512
Range: 97-999	

## 8.1.28 What was the quantity produced? (Kg) Season A (s8q1\_1\_28)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 51100
Range: 0-51100	Mean: 208.4
	Standard deviation: 826.9

## 8.1.29 What was the quantity processed at farm level? (s8q1\_1\_29)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 32471
Format: numeric	Invalid: 1696
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12600
Range: 0-12600	Mean: 23.5
	Standard deviation: 191.6

## 8.1.30 What was the quantity sold? (s8q1\_1\_30)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 38000
Range: 0-38000	Mean: 107.1
	Standard deviation: 663.2



## 8.1.31 On which market this crop was sold? (s8q1\_1\_31)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 12383
Format: numeric	Invalid: 21784
Width: 8	Minimum: 1
Decimals: 0	Maximum: 7
Range: 1-7	

## 8.1.32 What was the selling price per kilogram? (RwF/Kg) (s8q1\_1\_32)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 12383
Format: numeric	Invalid: 21784
Width: 8	Minimum: 0
Decimals: 0	Maximum: 27000
Range: 0-27000	Mean: 308.6
	Standard deviation: 333.2

## 8.1.33 What was the quantity used for own consumption? (s8q1\_1\_33)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 20000
Range: 0-20000	Mean: 64.4
	Standard deviation: 230.2

## 8.1.34 What was the quantity used as wages? (s8q1\_1\_34)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1500
Range: 0-1500	Mean: 2.1
	Standard deviation: 23.1

## 8.1.35 What was the quantity used as farm rent? (s8q1\_1\_35)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2100
Range: 0-2100	Mean: 3.6
	Standard deviation: 29.6

## 8.1.36 What was the quantity used as gift? (s8q1\_1\_36)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1800
Range: 0-1800	Mean: 7.7
	Standard deviation: 33

## 8.1.37 What was the quantity exchanged for other goods? (s8q1\_1\_37)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1900
Range: 0-1900	Mean: 0.3
	Standard deviation: 14.3

## 8.1.38 What was the quantity used as seeds? (s8q1\_1\_38)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12000
Range: 0-12000	Mean: 7.5
	Standard deviation: 109.8

## 8.1.39 What was the quantity used to feed animals? (s8q1\_1\_39)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 20000
Range: 0-20000	Mean: 2.3
	Standard deviation: 133.4

## 8.1.40 What was the quantity stored? (s8q1\_1\_40)

## File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 5500
Range: 0-5500	Mean: 9
	Standard deviation: 63.9

## 8.1.41 What was the quantity lost after harvest? (s8q1\_1\_41)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1200
Range: 0-1200	Mean: 0.8
	Standard deviation: 14.6

## 8.1.42 What was the quantity used in other forms? (s8q1\_1\_42)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 25000
Range: 0-25000	Mean: 3.7
	Standard deviation: 141.9

## 8.1.43 Which is the storage facility used by the household? storage type 1 (s8q1\_1\_43)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 5177
Format: numeric	Invalid: 28990
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

## 8.1.44 Do you apply training skills on post-harvest-handling and storage? (s8q1\_1\_44)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

Type: Continuous	Valid cases: 32416
Format: numeric	Invalid: 1751
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 8.1.45 Amount paid to labour for harvest and transport of the harvest of this cr (s8q1\_1\_45)

File: S8\_B\_Production Use,Storage and Expenses

**Overview**

### 8.1.45 Amount paid to labour for harvest and transport of the harvest of this cr (s8q1\_1\_45)

#### File: S8\_B\_Production Use,Storage and Expenses

Type: Continuous	Valid cases: 32471
Format: numeric	Invalid: 1696
Width: 8	Minimum: 0
Decimals: 0	Maximum: 700000
Range: 0-700000	Mean: 1455.1
	Standard deviation: 8961.9

### 8.1.46 Amount paid on renting equipment used to harvest this crop during Season (s8q1\_1\_46)

#### File: S8\_B\_Production Use,Storage and Expenses

Overview	
Type: Continuous	Valid cases: 32471
Format: numeric	Invalid: 1696
Width: 8	Minimum: 0
Decimals: 0	Maximum: 3000000
Range: 0-3000000	Mean: 141.7
	Standard deviation: 16709.2

### 8.1.47 Amount paid on rehabilitation and maintenance of buildings and other equi (s8q1\_1\_47)

#### File: S8\_B\_Production Use,Storage and Expenses

Overview	
Type: Continuous	Valid cases: 32471
Format: numeric	Invalid: 1696
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30000
Range: 0-30000	Mean: 4.7
	Standard deviation: 227.4

### 8.1.48 Amount paid on rehabilitation and maintenance of buildings and other eq (s8q1\_1\_48)

#### File: S8\_B\_Production Use,Storage and Expenses

Overview	
Type: Continuous	Valid cases: 32471
Format: numeric	Invalid: 1696
Width: 8	Minimum: 0
Decimals: 0	Maximum: 10000
Range: 0-10000	Mean: 1.8
	Standard deviation: 90.6

### 8.1.49 Amount paid for insecticides to keep stored production against pests duri (s8q1\_1\_49)

#### File: S8\_B\_Production Use,Storage and Expenses

### 8.1.49 Amount paid for insecticides to keep stored production against pests duri (s8q1\_1\_49)

File: S8\_B\_Production Use,Storage and Expenses

#### Overview

Type: Continuous	Valid cases: 32471
Format: numeric	Invalid: 1696
Width: 8	Minimum: 0
Decimals: 0	Maximum: 36000
Range: 0-36000	Mean: 59.8
	Standard deviation: 431.2

### 8.1.50 Other cost (s8q1\_1\_50)

File: S8\_B\_Production Use,Storage and Expenses

#### Overview

Type: Continuous	Valid cases: 32471
Format: numeric	Invalid: 1696
Width: 8	Minimum: 0
Decimals: 0	Maximum: 180000
Range: 0-180000	Mean: 84.1
	Standard deviation: 1510.5

### segment\_weight (weight)

File: S8\_B\_Production Use,Storage and Expenses

#### Overview

Type: Continuous	Valid cases: 34167
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 143
	Standard deviation: 93.5

## Household\_ID (idquest)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 32611
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 35681153088
	Standard deviation: 13693541499.7

## 0.1 Province (s0q1)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 15.8
	Standard deviation: 12.5

## 9.1 Name of animal reared (s9q9\_1)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 1
Decimals: 0	Maximum: 16
Range: 1-99	

## 9.2 Did any memnber of your household rear this animal during 2016-2017 agricult (s9q9\_2)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 1
Decimals: 0	Maximum: 1
Range: 1-2	

## 9.3 What is the total number of animal reared? (s9q9\_3)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 0
Decimals: 0	Maximum: 4000
Range: 0-4000	Mean: 2.8
	Standard deviation: 29.1

## 9.4.1 Adults (s9q9\_4\_1)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 32611
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30
Range: 0-30	Mean: 0.1
	Standard deviation: 0.4

## 9.4.2 Young (s9q9\_4\_2)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 32611
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 90
Range: 0-90	Mean: 0.2
	Standard deviation: 0.9

### 9.5.1 Adults not lactating (s9q9\_5\_1)

#### File: S9\_Number of animals

##### Overview

Type: Continuous	Valid cases: 32611
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 70
Range: 0-70	Mean: 0.5
	Standard deviation: 1.4

### 9.5.2 Adults Lactating (s9q9\_5\_2)

#### File: S9\_Number of animals

##### Overview

Type: Continuous	Valid cases: 32611
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 20
Range: 0-20	Mean: 0.1
	Standard deviation: 0.6

### 9.5.3 Young (s9q9\_5\_3)

#### File: S9\_Number of animals

##### Overview

Type: Continuous	Valid cases: 32611
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 39
Range: 0-39	Mean: 0.3
	Standard deviation: 1

### 9.6 How many born animals in last 12 months (s9q9\_6)

#### File: S9\_Number of animals

##### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 223
Range: 0-223	Mean: 0.8
	Standard deviation: 2.6

### 9.7 How many bought animals in last 12 months (s9q9\_7)

#### File: S9\_Number of animals

##### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 20
Range: 0-20	Mean: 0.3
	Standard deviation: 0.7



## 9.8 Total Amount paid (s9q9\_8)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 4048
Format: numeric	Invalid: 28563
Width: 8	Minimum: 0
Decimals: 0	Maximum: 4000000
Range: 0-4000000	Mean: 58675.6
	Standard deviation: 119453.9

## 9.9 Number received as gift in last 12 months (s9q9\_9)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 63
Range: 0-63	Mean: 0.2
	Standard deviation: 0.7

## 9.10 Number slaughtered for own consumption in last 12 months (s9q9\_10)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12
Range: 0-12	Mean: 0
	Standard deviation: 0.3

## 9.11 Number of animals sold in last 12 months (s9q9\_11)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 0.4
	Standard deviation: 1.6

## 9.12 Total Amount received (s9q9\_12)

File: S9\_Number of animals

### Overview

## 9.12 Total Amount received (s9q9\_12)

### File: S9\_Number of animals

Type: Continuous	Valid cases: 4224
Format: numeric	Invalid: 28387
Width: 8	Minimum: 0
Decimals: 0	Maximum: 6450000
Range: 0-6450000	Mean: 101503.6
	Standard deviation: 233263.3

## 9.13 Number of animals given away as gift in last 12 months (s9q9\_13)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 20
Range: 0-20	Mean: 0.1
	Standard deviation: 0.5

## 9.14 Number of animals died for any reasons in last 12 months (s9q9\_14)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 0.2
	Standard deviation: 0.9

## 9.15 Number of animals lost or stolen in last 12 months (s9q9\_15)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 20185
Format: numeric	Invalid: 12426
Width: 8	Minimum: 0
Decimals: 0	Maximum: 12
Range: 0-12	Mean: 0
	Standard deviation: 0.3

## 9.16 Number of animals vaccinated in last 12 months (s9q9\_16)

### File: S9\_Number of animals

#### Overview

## 9.16 Number of animals vaccinated in last 12 months (s9q9\_16)

### File: S9\_Number of animals

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 0
Decimals: 0	Maximum: 4000
Range: 0-4000	Mean: 1.2
	Standard deviation: 37.5

## 9.17 Number of animals treated for sickness in last 12 months (s9q9\_17)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30000
Range: 0-30000	Mean: 3.2
	Standard deviation: 191.6

## 9.18.1 Number of animals own consumed per week (s9q9\_18\_1)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 8014
Format: numeric	Invalid: 24597
Width: 8	Minimum: 0
Decimals: 0	Maximum: 10
Range: 0-10	Mean: 0.2
	Standard deviation: 0.6

## 9.18.2 Number of weeks animals were consumed (s9q9\_18\_2)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 1211
Format: numeric	Invalid: 31400
Width: 8	Minimum: 1
Decimals: 0	Maximum: 52
Range: 1-52	Mean: 3.7
	Standard deviation: 5.8

## 9.19 Number of animals sold per week (s9q9\_19)

### File: S9\_Number of animals

#### Overview

Type: Continuous	Valid cases: 8013
Format: numeric	Invalid: 24598
Width: 8	Minimum: 0
Decimals: 0	Maximum: 930
Range: 0-930	Mean: 0.9
	Standard deviation: 14.2

## 9.20 Sale price per animal (s9q9\_20)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 1399
Format: numeric	Invalid: 31212
Width: 8	Minimum: 100
Decimals: 0	Maximum: 48000
Range: 100-48000	Mean: 3095.1
	Standard deviation: 2410

## 9.21 Number of animals lost per week (s9q9\_21)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 8013
Format: numeric	Invalid: 24598
Width: 8	Minimum: 0
Decimals: 0	Maximum: 80
Range: 0-80	Mean: 0.9
	Standard deviation: 3.3

## 9.22 Number of animals used in other ways not mentioned (s9q9\_22)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 8013
Format: numeric	Invalid: 24598
Width: 8	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 0.2
	Standard deviation: 4.8

## 9.23 Number eggs produced per week (s9q9\_23)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 5816
Format: numeric	Invalid: 26795
Width: 8	Minimum: 0
Decimals: 0	Maximum: 22400
Range: 0-22400	Mean: 12.3
	Standard deviation: 308.1

## 9.24 Number eggs consumed per week (s9q9\_24)

File: S9\_Number of animals

### Overview

Type: Continuous	Valid cases: 5816
Format: numeric	Invalid: 26795
Width: 8	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 1.9
	Standard deviation: 4.2

## 9.25 Number eggs sold per week (s9q9\_25)

File: S9\_Number of animals

**Overview**

Type: Continuous	Valid cases: 5816
Format: numeric	Invalid: 26795
Width: 8	Minimum: 0
Decimals: 0	Maximum: 21952
Range: 0-21952	Mean: 8.9
	Standard deviation: 304.1

## 9.26 Unit price per egg sold (s9q9\_26)

File: S9\_Number of animals

**Overview**

Type: Continuous	Valid cases: 1376
Format: numeric	Invalid: 31235
Width: 8	Minimum: 0
Decimals: 0	Maximum: 150
Range: 0-150	Mean: 74.6
	Standard deviation: 27.2

## 9.27 Number eggs damaged per week (s9q9\_27)

File: S9\_Number of animals

**Overview**

Type: Continuous	Valid cases: 5816
Format: numeric	Invalid: 26795
Width: 8	Minimum: 0
Decimals: 0	Maximum: 448
Range: 0-448	Mean: 0.4
	Standard deviation: 6.2

## 9.28 Number eggs in other ways per week (s9q9\_28)

File: S9\_Number of animals

**Overview**

Type: Continuous	Valid cases: 5816
Format: numeric	Invalid: 26795
Width: 8	Minimum: 0
Decimals: 0	Maximum: 267
Range: 0-267	Mean: 1
	Standard deviation: 4.7

## segment\_weight (weight)

File: S9\_Number of animals

**Overview**

Type: Continuous	Valid cases: 28199
Format: numeric	Invalid: 4412
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 166.3
	Standard deviation: 97.5



## Household\_ID (idquest)

## File: S10\_1\_Cattle milk production

**Overview**

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200901
Decimals: 0	Maximum: 57423301301
Range: 11110200901-57423301301	Mean: 39353003618.7
	Standard deviation: 13581089804.2

## 0.1 Province (s0q1)

## File: S10\_1\_Cattle milk production

**Overview**

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District (s0q2)

## File: S10\_1\_Cattle milk production

**Overview**

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S10\_1\_Cattle milk production

**Overview**

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S10\_1\_Cattle milk production

**Overview**

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 20.9
	Standard deviation: 15.4

### 10.1.1 Lactating cow number (s10q1\_1)

File: S10\_1\_Cattle milk production

#### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 20
Range: 1-20	Mean: 2.4
	Standard deviation: 2.8

### 10.1.2 Lactating cow race (s10q1\_2)

File: S10\_1\_Cattle milk production

#### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### 10.1.3.1 Lactating time length at high lactation period(in days) (s10q1\_3\_1)

File: S10\_1\_Cattle milk production

#### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 365
Range: 0-365	Mean: 93.7
	Standard deviation: 61.7

### 10.1.3.2 Lactating time length at high low period(in days) (s10q1\_3\_2)

File: S10\_1\_Cattle milk production

#### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 360
Range: 0-360	Mean: 69.5
	Standard deviation: 56.5

### 10.1.3.3 Lactating time length, whole lactation period(in days) (s10q1\_3\_3)

File: S10\_1\_Cattle milk production

#### Overview



### 10.1.3.3 Lactating time length, whole lactation period(in days) (s10q1\_3\_3)

#### File: S10\_1\_Cattle milk production

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 570
Range: 1-570	Mean: 162
	Standard deviation: 90

### 10.1.4.1 Dail milk production at high lactating period (in liters) (s10q1\_4\_1)

#### File: S10\_1\_Cattle milk production

##### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 30
Range: 0-30	Mean: 5
	Standard deviation: 3.2

### 10.1.4.2 Dail milk production at low lactating period (in liters) (s10q1\_4\_2)

#### File: S10\_1\_Cattle milk production

##### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 61
Range: 0-61	Mean: 2.5
	Standard deviation: 2.3

### 10.1.5 Months and year of calving (s10q1\_5)

#### File: S10\_1\_Cattle milk production

##### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 20
Range: 1-20	Mean: 6.2
	Standard deviation: 3

### 10.1.6 Has your cattle has any problem that caused low milk yield during (s10q1\_6)

#### File: S10\_1\_Cattle milk production

##### Overview

### 10.1.6 Has your cattle has any problem that caused low milk yield during (s10q1\_6)

#### File: S10\_1\_Cattle milk production

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

### 10.1.7 What are major problems among the following that caused low milk (s10q1\_7)

#### File: S10\_1\_Cattle milk production

##### Overview

Type: Continuous	Valid cases: 2649
Format: numeric	Invalid: 588
Width: 8	Minimum: 1
Decimals: 0	Maximum: 3
Range: 1-3	

### segment\_weight (weight)

#### File: S10\_1\_Cattle milk production

##### Overview

Type: Continuous	Valid cases: 3237
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 119.6
	Standard deviation: 96.7

## Household\_ID (idquest)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200901
Decimals: 0	Maximum: 57423301301
Range: 11110200901-57423301301	Mean: 37925351610.9
	Standard deviation: 13376252438.5

## 0.2 District Name (s0q2)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 16.6
	Standard deviation: 13.2

## 10.2.1 Lactation period (s10q2\_1)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-2	

## 10.2.2 Average daily quantity consumed (s10q2\_2)

### File: S10\_2\_Cattle milk production use

#### Overview

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 31
Range: 0-31	Mean: 2
	Standard deviation: 2.1

## 10.2.3 Average daily quantity given to others (s10q2\_3)

### File: S10\_2\_Cattle milk production use

#### Overview

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 15
Range: 0-15	Mean: 0.5
	Standard deviation: 1.1

## 10.2.4 Average daily quantity processed in farm/at home (s10q2\_4)

### File: S10\_2\_Cattle milk production use

#### Overview

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 0.1
	Standard deviation: 1

## 10.2.5 Average daily quantity used in other way (s10q2\_5)

### File: S10\_2\_Cattle milk production use

#### Overview

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 150
Range: 0-150	Mean: 0.1
	Standard deviation: 2.5

## 10.2.6 Average daily quantity sold to milk collection site (s10q2\_6)

### File: S10\_2\_Cattle milk production use

#### Overview

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 456
Range: 0-456	Mean: 1.3
	Standard deviation: 9.1

## 10.2.7 Price(Rwf) (s10q2\_7)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500
Range: 0-500	Mean: 21.9
	Standard deviation: 59.4

## 10.2.8 Average daily quantity sold to others (s10q2\_8)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 810
Range: 0-810	Mean: 2.5
	Standard deviation: 17.3

## 10.2.9 Price(Rwf) (s10q2\_9)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 400
Range: 0-400	Mean: 64
	Standard deviation: 93.5

## 10.2.10 Average daily quantity of milk lost (s10q2\_10)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 0
Decimals: 0	Maximum: 180
Range: 0-180	Mean: 0.2
	Standard deviation: 3.7

## segment\_weight (weight)

## File: S10\_2\_Cattle milk production use

**Overview**

Type: Continuous	Valid cases: 3989
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 149.6
	Standard deviation: 97



## Household\_ID (idquest)

### File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 16067
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38697742332.9
	Standard deviation: 14085322217.3

## 0.2 District (s0q2)

### File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 16067
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

### File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 16067
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-42	

## 0.4 Segment (s0q4)

### File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 16067
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.4
	Standard deviation: 13.8

## 10.3.1 Type of bee hive (s10q3\_1)

### File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 215
Format: numeric	Invalid: 15852
Width: 8	Minimum: 1
Decimals: 0	Maximum: 2
Range: 1-3	

### 10.3.2 Number of bee hives hung during 12 months (s10q3\_2)

File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 214
Format: numeric	Invalid: 15853
Width: 8	Minimum: 1
Decimals: 0	Maximum: 194
Range: 1-194	Mean: 6.7
	Standard deviation: 14.7

### 10.3.3 Quantity of honey Production during 12 months (Kg) (s10q3\_3)

File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 214
Format: numeric	Invalid: 15853
Width: 8	Minimum: 0
Decimals: 0	Maximum: 161
Range: 0-161	Mean: 9.7
	Standard deviation: 21.8

### 10.3.4 Quantity of produced honey that has been consumed at home during 12 month (s10q3\_4)

File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 214
Format: numeric	Invalid: 15853
Width: 8	Minimum: 0
Decimals: 0	Maximum: 15
Range: 0-15	Mean: 2
	Standard deviation: 3

### 10.3.5 Sale In last 12 months-Qty (s10q3\_5)

File: S10\_3\_Honey production

#### Overview

Type: Continuous	Valid cases: 214
Format: numeric	Invalid: 15853
Width: 8	Minimum: 0
Decimals: 0	Maximum: 150
Range: 0-150	Mean: 7.4
	Standard deviation: 19.9

### 10.3.6 Sale In last 12 months-Sale price (s10q3\_6)

File: S10\_3\_Honey production

#### Overview



### 10.3.6 Sale In last 12 months-Sale price (s10q3\_6)

#### File: S10\_3\_Honey production

Type: Continuous	Valid cases: 95
Format: numeric	Invalid: 15972
Width: 8	Minimum: 1000
Decimals: 0	Maximum: 4500
Range: 1000-4500	Mean: 2424.7
	Standard deviation: 783.4

### 10.3.7 Honey stored at the end of August v2017 (s10q3\_7)

#### File: S10\_3\_Honey production

##### Overview

Type: Continuous	Valid cases: 214
Format: numeric	Invalid: 15853
Width: 8	Minimum: 0
Decimals: 0	Maximum: 14.8
Range: 0-14.75	Mean: 0.3
	Standard deviation: 1.6

### segment\_weight (weight)

#### File: S10\_3\_Honey production

##### Overview

Type: Continuous	Valid cases: 16067
Format: numeric	Invalid: 0
Width: 8	Minimum: 12.3
Decimals: 0	Maximum: 361
Range: 12.2830236146464-361.012133274259	Mean: 134.8
	Standard deviation: 91.8

## Household\_ID (idquest)

## File: S11\_Animal inputs and services

**Overview**

Type: Continuous	Valid cases: 26500
Format: numeric	Invalid: 0
Width: 8	Minimum: 11110200101
Decimals: 0	Maximum: 57423301901
Range: 11110200101-57423301901	Mean: 38752801545.2
	Standard deviation: 13852669777.3

## 0.1 Province Name (s0q1)

## File: S11\_Animal inputs and services

**Overview**

Type: Continuous	Valid cases: 26500
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 5
Range: 1-5	

## 0.2 District Name (s0q2)

## File: S11\_Animal inputs and services

**Overview**

Type: Continuous	Valid cases: 26500
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 57
Range: 11-57	

## 0.3 Stratum (s0q3)

## File: S11\_Animal inputs and services

**Overview**

Type: Continuous	Valid cases: 26500
Format: numeric	Invalid: 0
Width: 8	Minimum: 11
Decimals: 0	Maximum: 42
Range: 11-50	

## 0.4 Segment (s0q4)

## File: S11\_Animal inputs and services

**Overview**

Type: Continuous	Valid cases: 26500
Format: numeric	Invalid: 0
Width: 8	Minimum: 1
Decimals: 0	Maximum: 72
Range: 1-72	Mean: 17.3
	Standard deviation: 13.6

## 11.1 Animal category (s11q1)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 22129
Format: numeric	Invalid: 4371
Width: 8	Minimum: 1
Decimals: 0	Maximum: 9
Range: 1-9	

## 11.2 Amount spent on rent for land grazing (s11q2)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1200000
Range: 0-1200000	Mean: 543.5
	Standard deviation: 16099.8

## 11.3 Amount spent on purchasing fodder crop (s11q3)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 3000000
Range: 0-3000000	Mean: 4825.3
	Standard deviation: 38349.4

## 11.4 Amount spent on purchasing feed (s11q4)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 63539200
Range: 0-63539200	Mean: 13072.8
	Standard deviation: 568049.2

## 11.5 Amount spent on purchasing salt and minerals (s11q5)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 588000
Range: 0-588000	Mean: 1709
	Standard deviation: 10348.5

## 11.6 Amount spent on purchasing artificial insemination (s11q6)

File: S11\_Animal inputs and services

### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 120000
Range: 0-120000	Mean: 238.7
	Standard deviation: 2268

## 11.7 Amount spent on purchasing vaccines,dips,sprays and medicine (s11q7)

File: S11\_Animal inputs and services

### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 474000
Range: 0-474000	Mean: 1251.5
	Standard deviation: 10129.9

## 11.8 Amount spent on purchasing veterinary services (s11q8)

File: S11\_Animal inputs and services

### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 800000
Range: 0-800000	Mean: 1088.4
	Standard deviation: 10825.3

## 11.9 Amount spent on purchasing repairs of fencing, sheds (s11q9)

File: S11\_Animal inputs and services

### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1000000
Range: 0-1000000	Mean: 1276.9
	Standard deviation: 13786.9

## 11.10 Amount spent on purchasing new fences, sheds (s11q10)

File: S11\_Animal inputs and services

### Overview

## 11.10 Amount spent on purchasing new fences, sheds (s11q10)

### File: S11\_Animal inputs and services

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 1700000
Range: 0-1700000	Mean: 2033.5
	Standard deviation: 25231.1

## 11.11 Amount spent on purchasing Pesticides used to protect animal from insects, (s11q11)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500000
Range: 0-500000	Mean: 2024.5
	Standard deviation: 11920.6

## 11.12 Amount spent on farm maintenance activities (s11q12)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 500000
Range: 0-500000	Mean: 444.4
	Standard deviation: 8638.8

## 11.13 Amount spent on purchasing payment of Shepherds (s11q13)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14515
Format: numeric	Invalid: 11985
Width: 8	Minimum: 0
Decimals: 0	Maximum: 2520000
Range: 0-2520000	Mean: 7978.5
	Standard deviation: 59163.7

## 11.14 purchasing Other expenditures (s11q14)

### File: S11\_Animal inputs and services

#### Overview

Type: Continuous	Valid cases: 14511
Format: numeric	Invalid: 11989
Width: 8	Minimum: 0
Decimals: 0	Maximum: 600000
Range: 0-600000	Mean: 1077.9
	Standard deviation: 11870.4

segment\_weight (weight)

File: S11\_Animal inputs and services

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 12.2830236146464-361.012133274259

Valid cases: 26500  
Invalid: 0  
Minimum: 12.3  
Maximum: 361  
Mean: 139.8  
Standard deviation: 92.9

# Documentation

## Questionnaires

### AGRICULTURAL HOUSEHOLD SURVEY 2017 QUESTIONNAIRE

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Title AGRICULTURAL HOUSEHOLD SURVEY 2017 QUESTIONNAIRE  
Author(s) National Institute of Statistics of Rwanda  
Date 2017-07-18  
Country Rwanda  
Language English  
Filename AHS\_ Questionnaire\_2017.pdf

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## Reports

### Agricultural Household Survey (AHS) 2017 report

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Title Agricultural Household Survey (AHS) 2017 report  
Author(s) National Institute of Statistics of Rwanda  
Date 2018-12-02  
Country Rwanda  
Language English  
Filename Agricultural Household Survey \_2017\_final.pdf

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