

RWANDA - Comprehensive Food Security and Vulnerability Analysis and Nutrition Survey 2009

**National Institute of Statistics of Rwanda - Ministry of Economics Planification and
Finance**

Report generated on: February 19, 2014

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Overview

Identification

ID NUMBER

RWA-NISR-CFSVANS-2009-v01

Version

VERSION DESCRIPTION

v2.1: Edited, anonymous dataset for public distribution.

PRODUCTION DATE

2009-07

Overview

ABSTRACT

As significant progress continues to be made by the Rwandan economy following various recovery and growth strategies, certain elements remain crucial. The food and nutrition security of the population remains a key building block in not only consolidating the gains already made thus far but also further accelerating the rate of growth towards the realization of the Millennium Development Goals (MDGs). The 2009 national Comprehensive Food Security and Vulnerability Analysis (CFSVA) and Nutrition survey was undertaken with the objective of analyzing trends over time in comparison with the 2006 CFSVA and the 2005 RDHS as well as with other more recent secondary data, measuring the extent and depth of food and nutrition insecurity and vulnerability, and identifying the underlying causes. The five key questions to a CFSVA and/or Nutrition Survey are: who are the people currently facing food insecurity and malnutrition; how many are they; where do they live; why are they food insecure and/or malnourished and; how can food assistance and other interventions make a difference in reducing poverty, hunger and supporting livelihoods? In order to provide answers to these questions, specifically, the assessment sought to:

- Identify geographic and socio-economic groups that are food insecure or vulnerable to food insecurity;
- highlight the nature and causes of food insecurity among each group;
- Identify the major risks and constraints to improving food security;
- Evaluate assistance needs at the short, medium and long range;
- Support the development of an appropriate targeting system;
- Better define the role of GoR's development partners including WFP in promoting food security strengthening programs;
- Determine the prevalence of nutritional status of vulnerable groups (children aged 6 - 59 months and non-pregnant women of reproductive age (15-49 years old));
- Determine the prevalence of exclusive breastfeeding as a key Infant and Young Child Feeding strategy;
- Establish the linkage between household food security and nutritional status of children in Rwanda.

KIND OF DATA

Sample survey data [ssd]

UNITS OF ANALYSIS

Household and community level data.

Scope

NOTES

The 2009 CFSVA & NS has collected indicators on human and social capital, natural capital, physical capital, economic capital and livelihood strategies, food consumption, and health and nutrition. In addition, the CFSVA & NS has integrated a risk and vulnerability context module thus determining the most commonly experienced shocks by the sampled households at the district level.

Coverage

GEOGRAPHIC COVERAGE

National coverage

GEOGRAPHIC UNIT

Sub-provincial level

UNIVERSE

Household members

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Institute of Statistics of Rwanda	Ministry of Economics Planification and Finance

OTHER PRODUCER(S)

Name	Affiliation	Role
United Nations World Food Programme	International Organisation	Technical assistance

FUNDING

Name	Abbreviation	Role
World Food Programme	WFP	Financial support
United Nations' Children Fund-Rwanda	UNICEF Rwanda	Financial support
World Vision Rwanda		Financial support
ONE UN Fund		Financial support
The Bill and Melinda Gates Foundation (Gates)		Financial support

OTHER ACKNOWLEDGEMENTS

Name	Affiliation	Role
Ministry of Agriculture and Animal resources	Government of Rwanda	
Ministry of Health	Government of Rwanda	
Ministry of Finance and Economic Planning	Government of Rwanda	
Ministry of Local Government and Administration	Government of Rwanda	
The Heads of the Households		
The WFP team in HQ and the Regional Bureau	International Organisation	

Metadata Production

METADATA PRODUCED BY

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

DATE OF METADATA PRODUCTION

2012-06-24

DDI DOCUMENT VERSION

Version 0.1

DDI DOCUMENT ID

DDI-RWA-NISR-CFSVA&NS-2009-v01

Sampling

Sampling Procedure

Rwanda is administratively divided into four provinces (Northern Province, Southern Province, Eastern Province and Western Province) plus Kigali City and a total of 30 districts. Districts are further divided in sectors and cells. The 2009 CFSVA and Nutrition Survey was designed to provide statistically representative information at the sub-provincial level. To facilitate comparison with existing studies, it was decided to define strata using administrative limits rather than food economy zones (as in 2006). Because of the large number of districts, it was decided to define strata that would be either single districts or a group of districts. Districts that were identified as similar with regards to their socio-economic and agroenvironmental characteristics were grouped together. A total of 16 strata were defined including 8 districts and 8 groups of districts. Kigali City was not included in the sample.

The Eastern Province includes the strata of Nyagatare-Gatsibo-Kayanza, Kirehe-Ngoma-Rwamagana, and Bugesera. The Northern Province includes the strata of Musanze-Burera, Gakenke, and Rulindo-Gicumbi. The Western Province includes the strata of Rubavu, Nyabihu, Ngororero, Rutsiro-Karongi, and Nyamasheke-Rusizi. The Southern Province includes the strata of Kamonyi-Muhanga-Ruhango, Nyanza, Huye, Gisagara, and Nyamagabe-Nyaruguru.

Within each stratum, NISR implemented a two-stage sampling procedure to select households using an approach that is standardized for statistical studies in Rwanda. Zones de Dnombrement (ZD, enumeration areas) were selected first, followed by households using 2007 population estimates based on the 2002 census. The ZDs are a sampling unit that is smaller than a sector.

A total of 450 ZD were selected. In each stratum, the probability of the ZDs to be selected was equal to the number of ZDs in the stratum divided by the number of ZDs. In each stratum, ZDs were randomly selected. Within each sampled ZD, a total of 12 households were interviewed, resulting in a total expected sample size of 5,400 households.

All of the households were interviewed. Enumerators were provided with clear instructions on which households to interview, and how to find them. Supervisors were provided with a list of over-sampled households in the event that a household had to be replaced.

Because this study also focuses on the relation between nutrition and food security, it was decided during the study design that only households with children aged below 5 years old would be included in the sample. This imposed some limitations in the ability to draw conclusions about all the households in Rwanda, as explained in the limitations section below. (See in CFSV&NS 2009 Report)

Weighting

Taking into consideration the sampling methodology summarized above, adjustment weights were computed to provide results representative at country level. The household probability of selection is equal to the product of a household's probability of being selected in a ZD by the probability of the ZD of being sampled.

The inverse of this probability is the design weight. The design weight is divided by the product of the total number of households in the population divided by the number of sampled households. The result is the normalized weights which were used in all analyses.

Questionnaires

Overview

Household survey

To allow for comparison over time, the 2009 CFSVA and Nutrition Survey used a standard questionnaire similar to the one used for the 2006 CFSVA. In 2006, face validity of the questionnaire was examined by local and food security experts and the questionnaire was piloted among a random sample of people not included in the study. It was a structured questionnaire using mainly close-ended questions with response options provided to the enumerators. For several questions, respondents were allowed to provide more than one response. The survey instrument sought to collect quantitative data on 13 components: (1) demographics; (2) housing and facilities; (3) household and productive assets; (4) inputs to livelihoods; (5) migration and remittances; (6) sources of credit; (7) agricultural production; (8) expenditure; (9) food sources and consumption; (10) shocks and food security; (11) programme participation; (12) maternal health and nutrition; and (13) child health and nutrition.

Community questionnaire

In addition to the household survey, a community questionnaire was administered to a key informant, who was an official representative of the area, including the Executive Secretary of the Cell, or any individual responsible for administrative services at Cell level. The community questionnaire was developed using an approach similar to that of the household questionnaire. Questions were open-ended and the questionnaires covered four main aspects; migration and seasonal movement of population, health, external assistance (food aid), and market prices.

The questionnaires were developed in English and administered in Kinyarwanda. Careful training was conducted to reduce individual variations on how enumerators interpreted the questionnaire and understood the questions.

Data Collection

Data Collection Dates

Start	End	Cycle
2009-02	2009-03	N/A

Data Collection Mode

Face-to-face [f2f]

DATA COLLECTION NOTES

Data collection for the survey was conducted by the National Institute of Statistics of Rwanda (NISR) in partnership with World Food Programme, UNICEF, World Vision Rwanda, MINAGRI, MINECOFIN, MINALOC and MoH after the survey protocol had been cleared by the National Ethics Committee. A total of 150 enumerators participated in a 9 days-training prior to data collection. The purpose of the training was to familiarize the enumerators with the protocol and questionnaires used for the study and ensure that the study was conducted in a standardized manner. It covered instructions on how to select respondents, conduct interviews and take anthropometric measurements. The training included field testing and practice sessions. After the training, enumerators went to the field in teams of 5 individuals including a team leader. In addition there were 10 national supervisors.

Data Collectors

Name	Abbreviation	Affiliation
National Institute of Statistics of Rwanda	NISR	MINECOFIN

SUPERVISION

After the training, enumerators went to the field in teams of 5 individuals including a team leader. In addition there were 10 national supervisors.

Data Processing

Data Editing

Data entry was conducted by NISR using CPro. The database was then exported to SPSS for analysis. Statistical analysis was conducted by WFP in Rwanda and Rome, with the support of NISR. SPSS and ADDAWIN were used to conduct PCA and cluster analysis. Z-scores for wasting, stunting and underweight were calculated using WHO Anthro. All other analyses were done using SPSS.

Data Appraisal

Other forms of Data Appraisal

A series of data quality tables and graphs are available to review the quality of the data and include the following:

- Food Items, Groups and Weights for Calculation of the FCS
- Household characteristics associated with food consumption
- Child nutrition by livelihood, wealth index and FCS
- The people facing food insecurity and vulnerability
- Sample and Demographic Characteristics by Strata (CFSVA 2009)....

File Description

Variable List

PAM_COMMUNITY

Content

Cases 427

Variable(s) 22

Structure Type:
Keys: ()

Version

Producer

Missing Data

Variables

ID	Name	Label	Type	Format	Question
V1	ID1	INTARA	discrete	numeric	
V2	ID2	AKARERE	discrete	numeric	
V3	ID4	UMURENGE	discrete	numeric	
V4	ID5	AKAGARI	contin	numeric	
V5	ID6	ZD	contin	numeric	
V6	S00D	Intara	discrete	character	
V7	S00E	Akarere	discrete	character	
V8	S00F	Umurenge	discrete	character	
V9	Q1	1 - Kuva mu 2006 haba hari ubantu baje gutura aha cyangwa bi	discrete	numeric	
V10	Q1A	Ni ubuhe buryo bw'imiturire buri muri aka kagari	discrete	numeric	
V11	Q21	2.1 - Muri aka kagari hari ikigo cy'amashuri abanza gikora	discrete	numeric	
V12	Q22	2.2 - Niba ntacyo,kugera ku mashuri abanza abegereye harimo	contin	numeric	
V13	Q23	2.3 - Muri aka kagari hari amashuri yisumbuye akora	discrete	numeric	
V14	Q24	2.4 - Niba ntayo kugera ku mashuri y'isumbuye abegereye har	contin	numeric	
V15	Q25	2.5 - Muri aka kagari hari ivuriro ritoya rikora muri aka ka	discrete	numeric	
V16	Q26	2.6 - Hari urugendo rungana iki kugera iki kugera ku ivuriro	contin	numeric	
V17	Q27	2.7 - Umuhanda muto ubegereye waba uri ku ntera ingana iki u	contin	numeric	
V18	Q28	2.8 - Umuhanda munini ubegereye waba uri kuntera ingana iki	contin	numeric	
V19	Q29	2.9 - Haba hari isoko ry'ibiribwa rirema buri muni muri aka	discrete	numeric	
V20	Q210	2.10 - Haba hari isoko ry'ibiribwa ritarema buri muni muri	discrete	numeric	
V21	Q211	2.11 - Ni igihe kingana iki mukoresha kugera ku isoko ribege	contin	numeric	
V22	Q212	2.12 - Ni igihe kingana iki mukoresha kugera ku isoko ribege	contin	numeric	

S1_13 Question

Content
Cases 5406
Variable(s) 10
Structure Type:
Keys: ()
Version
Producer
Missing Data

Variables

ID	Name	Label	Type	Format	Question
V23	ID1	Intara	discrete	numeric	
V24	ID2	Akarere	discrete	numeric	
V25	ID4	Umurenge	discrete	numeric	
V26	ID5	Akagari	contin	numeric	
V27	ID6	Agapande k'ibarura	contin	numeric	
V28	ID7	Numero y'urugo	contin	numeric	
V29	NO	No.	discrete	numeric	
V30	S1Q13D	1.13.A. Igitsina	discrete	numeric	
V31	S1Q13E	1.13.B.Imyaka	contin	numeric	
V32	S1Q13F	1.13.C.Bishwe ni iki	discrete	numeric	

S1_15 Question

Content	
Cases	5457
Variable(s)	11
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V33	ID1	Intara	discrete	numeric	Province
V34	ID2	Akarere	discrete	numeric	District
V35	ID4	Umurenge	discrete	numeric	Sector
V36	ID5	Akagari	contin	numeric	Cell
V37	ID6	Agapande k'ibarura	contin	numeric	
V38	ID7	Numero y'urugo	contin	numeric	Household number
V39	NP	No	discrete	numeric	
V40	S1Q15A	1.15.A.Igitsina	discrete	numeric	For those with such a condition, please complete the following: Sex
V41	S1Q15B	1.15.B.Imyaka	contin	numeric	For those with such a condition, please complete the following: Age
V42	S1Q15C	1.15.C.Uko ameze	discrete	numeric	For those with such a condition, please complete the following: Condition
V43	S1Q15D	1.15.D.Sobanura	discrete	character	For those with such a condition, please complete the following: Other(Specify)

S1_21Question

Content	Data related to the Demographics (Age, Sex and Status of the orphans).
Cases	5894
Variable(s)	10
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V44	ID1	Intara	discrete	numeric	Province
V45	ID2	Akarere	discrete	numeric	District
V46	ID4	Umurenge	discrete	numeric	Sector
V47	ID5	Akagari	contin	numeric	Cell
V48	ID6	Agapande k'ibarura	contin	numeric	
V49	ID7	Numero y'urugo	contin	numeric	Household number
V50	NQ	No.	discrete	numeric	
V51	S1Q21A	1.21.A.Mbwira igitsina cye ?	discrete	numeric	Please give the, sex of the orphans.
V52	S1Q21B	1.21.B.Mbwira imyaka yabo?	discrete	numeric	Please give the age of the orphans.
V53	S1Q21C	1.21.C.Mbwira ikiciro cye ?	discrete	numeric	Please give the status of the orphans.

S3_17 Question

Content	the file contains data related to the Household Assets and Productive Assets.
Cases	42309
Variable(s)	10
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V54	ID1	Intara	discrete	numeric	Province
V55	ID2	Akarere	discrete	numeric	District
V56	ID4	Umurenge	discrete	numeric	Sector
V57	ID5	Akagari	contin	numeric	Cell
V58	ID6	Agapande k'ibarura	contin	numeric	
V59	ID7	Numero y'urugo	contin	numeric	Household number
V60	S3Q17A1	3.17.No	discrete	numeric	
V61	S3Q17A	3.17.Amatungo	discrete	character	If yes, please how many of each of the following animals do you own? (write 00 if none)
V62	S3Q17B	3.17.a.UMUBARE BOROYE	contin	numeric	If yes, please how many of each of the following animals do you own? (write 00 if none) Total Managed
V63	S3Q17C	3.17.b.AYABO BWITE	contin	numeric	If yes, please how many of each of the following animals do you own? (write 00 if none) Total Owned

S4

Content	Data related to Inputs to Livelihood
Cases	21600
Variable(s)	26
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V64	ID1	Intara	discrete	numeric	
V65	ID2	Akarere	discrete	numeric	
V66	ID4	Umurenge	discrete	numeric	
V67	ID5	Akagari	contin	numeric	
V68	ID6	Agapande k'ibarura	contin	numeric	
V69	ID7	Numero y'urugo	contin	numeric	
V70	S4Q0	Code umurimo	discrete	numeric	
V71	S4Q1A	A.1.Urwego rw'umurimo	discrete	character	
V72	S4Q1	A.2.Niyihe mirimo y'ingenzi itunze urugo yakozwe mu mezi 12	discrete	numeric	What are your household's main livelihood activities throughout the year?
V73	S4Q2L	Ni muyahe mezi uwo murimo ukorwamo ? All	discrete	numeric	In which months do you do these activities?
V74	S4Q2	B.Ni muyahe mezi uwo murimo ukorwamo ? J	discrete	numeric	In which months do you do these activities?
V75	S4Q2A	Ni muyahe mezi uwo murimo ukorwamo ? F	discrete	numeric	In which months do you do these activities?
V76	S4Q2B	Ni muyahe mezi uwo murimo ukorwamo ? M	discrete	numeric	In which months do you do these activities?
V77	S4Q2C	Ni muyahe mezi uwo murimo ukorwamo ? A	discrete	numeric	In which months do you do these activities?
V78	S4Q2D	Ni muyahe mezi uwo murimo ukorwamo ? M	discrete	numeric	In which months do you do these activities?
V79	S4Q2E	Ni muyahe mezi uwo murimo ukorwamo ? J	discrete	numeric	In which months do you do these activities?
V80	S4Q2F	Ni muyahe mezi uwo murimo ukorwamo ? J	discrete	numeric	In which months do you do these activities?
V81	S4Q2G	Ni muyahe mezi uwo murimo ukorwamo ? A	discrete	numeric	In which months do you do these activities?
V82	S4Q2H	Ni muyahe mezi uwo murimo ukorwamo ? S	discrete	numeric	In which months do you do these activities?
V83	S4Q2I	Ni muyahe mezi uwo murimo ukorwamo ? O	discrete	numeric	In which months do you do these activities?
V84	S4Q2J	Ni muyahe mezi uwo murimo ukorwamo ? N	discrete	numeric	In which months do you do these activities?
V85	S4Q2K	Ni muyahe mezi uwo murimo ukorwamo ? D	discrete	numeric	In which months do you do these activities?
V86	S4Q3	C.Ninde ukora uwo murimo	discrete	numeric	Who participates in this activity?
V87	S4Q4	D.Ni uwuhe mugabane ukomoka kuri uwo murimo utunze urugo ?	discrete	numeric	What proportion of this activity do you directly consume (food) ?
V88	S4Q41	E.Ni ikihe kigereranyo cy'amafaranga yavuye muri uwo muimo m	discrete	numeric	Estimate the total cash value earned from this activity over the last year.

ID	Name	Label	Type	Format	Question
V89	SQ42	F.Ukoresheje ijanisha erekana uko uwo murimo ubunganira mugu	contin	numeric	Using proportional piling or 'divide the pie' methods, please estimate the relative contribution to the HH livelihood of each activity?

S7

Content	Data related to the Agriculture Production of the Household
Cases	43200
Variable(s)	15
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V90	ID1	Intara	discrete	numeric	
V91	ID2	Akarere	discrete	numeric	
V92	ID4	Umurenge	discrete	numeric	
V93	ID5	Akagari	contin	numeric	
V94	ID6	Agapande k'ibarura	contin	numeric	
V95	ID7	Numero y'urugo	contin	numeric	
V96	CODE1	Code1	discrete	numeric	
V97	S7Q0	Ibirango by'ibihingwa	discrete	numeric	Code
V98	S7Q1	A.Ni ikihe gihingwa k'ingenzi cyahinzwe muri ubwo bwoko bw'ub	discrete	character	By order of importance, What are the main crops cultivated by your household?
V99	S7Q2	B.Ni uwuhe mugabane w'ubutaka ukoreshwa kuri iki gihingwa ? %	contin	numeric	What % of your land do you generally use for this crop?
V100	S7Q3	C.Wowe ubwawe ukoresha uwuhe mugabane w'umugaruro w'iki gihi	contin	numeric	What % of your production for this crop do you directly consume?
V101	S7Q4	D.Ni uwuhe mugabane w'umugaruro ugurisha uva muri iki gihing	contin	numeric	What % of your production for this crop do you sell?
V102	S7Q5A	E.a.Iyo mushaka imbuto z'icyo gihingwa k'ingenzi muzibona mu	discrete	numeric	How do you normally acquire [MAJOR CROP] seeds/planting material?
V103	S7QB	E.b.Iyo mushaka imbuto z'icyo gihingwa k'ingenzi muzibona mu	discrete	character	How do you normally acquire [MAJOR CROP] seeds/planting material?
V104	S7Q6	F.Ni uwuhe mugabane w'umugaruro w'icyo gihingwa k'ingenzi wo	contin	numeric	How do you normally acquire [MAJOR CROP] seeds/planting material?

S8

Content	The file contains the data related to the Expenditure of the Household.
Cases	118800
Variable(s)	12
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V105	ID1	Intara	discrete	numeric	
V106	ID2	Akarere	discrete	numeric	
V107	ID4	Umurenge	discrete	numeric	
V108	ID5	Akagari	contin	numeric	
V109	ID6	Agapande k'ibarura	contin	numeric	
V110	ID7	Numero y'urugo	contin	numeric	
V111	S8Q0	CODE	contin	numeric	
V112	S8Q1	Mu minsi 30 ishize hari amafaranga yatanzwe ku... kugirango	discrete	character	Did you spend money on [item] last 30 days for domestic consumption?
V113	S8Q2	A.Ugereranyije watanze amafaranga angahe ku.. mu minsi 30 is	contin	numeric	Est. Expenditure in Cash during the last 30 days (Rwf)?
V114	S8Q3	B.Ugereranyije ibintu mwafashe ku ideni gifite agaciro	contin	numeric	Est. Expenditure in Credit during the last 30 days Rwf
V115	S8Q4	C.Ugereranyije ... mwaguranye ibindi bintu bifite agaciro k'	contin	numeric	Est. Expenditure in Credit during the last 30 days Rwf
V116	Code_HH		contin	numeric	

S8_823_32Question

Content	The file contains the data related to the Expenditure of the Household.
Cases	54000
Variable(s)	25
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V117	ID1	Intara	discrete	numeric	Province
V118	ID2	Akarere	discrete	numeric	District
V119	ID4	Umurenge	discrete	numeric	Sector
V120	ID5	Akagari	contin	numeric	Cell
V121	ID6	Agapande k'ibarura	contin	numeric	
V122	ID7	No HH	contin	numeric	Household number
V123	S8Q01	CODE	discrete	numeric	
V124	S8Q01B	IGIKORWA	discrete	character	
V125	CODE_HH		contin	numeric	
V126	S8Q23M	ALL	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V127	S8Q23A	Jan	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V128	S8Q23B	Feb	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V129	S8Q23C	Mar	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V130	S8Q23D	Apr	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V131	S8Q23E	May	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V132	S8Q23F	June	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V133	S8Q23G	July	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V134	S8Q23H	Aug	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V135	S8Q23I	Sept	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V136	S8Q23J	Oct	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V137	S8Q23K	Nov	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?

ID	Name	Label	Type	Format	Question
V138	S8Q23L	Dec	discrete	numeric	When (the last 12 months) how much money have you spent on each of the following items or service?
V139	S8Q24	A.Ugereranyije watanze amafaranga angahe?	contin	numeric	Est. Expenditure in Cash
V140	S8Q25	B.Ugereranyije mwafashe... ku ideni gifite agaciro k'amafara	contin	numeric	Est. Expenditure in Credit
V141	S8Q26	C.Ugereranyije mwaguranye ibindi bintu bifite agaciro k'amaf	contin	numeric	Est. Expenditure in Barter /Exchange

S9 Question

Content	The file contains the data related to the Food Sources and Food Consumptions in the Household.
Cases	118800
Variable(s)	19
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V142	ID1	Intara	discrete	numeric	Province
V143	ID2	Akarere	discrete	numeric	District
V144	ID4	Umurenge	discrete	numeric	Sector
V145	ID5	Akagari	contin	numeric	Cell
V146	ID6	Agapande k'ibarura	contin	numeric	
V147	ID7	Numero y'urugo	contin	numeric	Household number
V148	S9Q3J	No code	contin	numeric	Food source codes
V149	S9Q3K	IBIRIBWA	discrete	character	
V150	S9Q3C	Ku biribwa byafshwe mu minsi 7 ishize, shyira akamenyetso mu	discrete	numeric	Could you please tell me how many days in the past one week your household has eaten the following foods and what the source was?
V151	S9Q3D	Ku biribwa byafshwe mu minsi 7 ishize, shyira akamenyetso mu	discrete	numeric	Could you please tell me how many days in the past one week your household has eaten the following foods and what the source was?
V152	S9Q3E	Ku biribwa byafshwe mu minsi 7 ishize, shyira akamenyetso mu	discrete	numeric	Could you please tell me how many days in the past one week your household has eaten the following foods and what the source was?
V153	S9Q3F	Ku biribwa byafshwe mu minsi 7 ishize, shyira akamenyetso mu	discrete	numeric	Could you please tell me how many days in the past one week your household has eaten the following foods and what the source was?
V154	S9Q3G	Ku biribwa byafshwe mu minsi 7 ishize, shyira akamenyetso mu	discrete	numeric	Could you please tell me how many days in the past one week your household has eaten the following foods and what the source was?
V155	S9Q3H	Ku biribwa byafshwe mu minsi 7 ishize, shyira akamenyetso mu	discrete	numeric	Could you please tell me how many days in the past one week your household has eaten the following foods and what the source was?
V156	S9Q3I	Ku biribwa byafshwe mu minsi 7 ishize, shyira akamenyetso mu	discrete	numeric	Could you please tell me how many days in the past one week your household has eaten the following foods and what the source was?
V157	S9Q3L	1.Umubare w'iminsi ikiribwa cyakoreshejwe igiteranyo cy'utuz	discrete	numeric	Number of days eaten last 7 days (total of boxes on left).
V158	S9Q3M	2.1.Aho ibiribwa byakomotse AH'INGENZI	discrete	numeric	Food Source(write all)
V159	S9Q3N	2.1.Aho ibiribwa byakomotse AHANDI	discrete	numeric	Food Source(write all)
V160	CODE_HH		contin	numeric	

S10B

Content	Data related to the Households' Shocks and Food Security.
Cases	5948
Variable(s)	25
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V161	ID1	Intara	discrete	numeric	
V162	ID2	Akarere	discrete	numeric	
V163	ID4	Umurenge	discrete	numeric	
V164	ID5	Akagari	contin	numeric	
V165	ID6	Agapande k'ibarura	contin	numeric	
V166	ID7	Numero y'urugo	contin	numeric	
V167	S10Q2A	URWEGO N'IMPAMVU	discrete	numeric	Problem (ranked as above)
V168	S10Q2B13	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? ALL	discrete	numeric	What months did [Problem] affect you over the last year?
V169	S10Q2B1	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? J	discrete	numeric	What months did [Problem] affect you over the last year?
V170	S10Q2B2	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? F	discrete	numeric	What months did [Problem] affect you over the last year?
V171	S10Q2B3	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? M	discrete	numeric	What months did [Problem] affect you over the last year?
V172	S10Q2B4	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? A	discrete	numeric	What months did [Problem] affect you over the last year?
V173	S10Q2B5	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? M	discrete	numeric	What months did [Problem] affect you over the last year?
V174	S10Q2B6	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? J	discrete	numeric	What months did [Problem] affect you over the last year?
V175	S10Q2B7	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? J	discrete	numeric	What months did [Problem] affect you over the last year?
V176	S10Q2B8	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? A	discrete	numeric	What months did [Problem] affect you over the last year?
V177	S10Q2B9	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? S	discrete	numeric	What months did [Problem] affect you over the last year?
V178	S10Q2B10	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? O	discrete	numeric	What months did [Problem] affect you over the last year?
V179	S10Q2B11	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? N	discrete	numeric	What months did [Problem] affect you over the last year?
V180	S10Q2B12	NI MUYAHE MEZI URUGO RWANYU RWAHUYE N'IZO NGORANE ? D	discrete	numeric	What months did [Problem] affect you over the last year?
V181	S10Q3	10.3. Iyo mpamvu yaba yaratumye urugo rubura cyangwa rutakaz	discrete	numeric	Did [Problem] create a decrease or loss of income in cash or in-kind?

ID	Name	Label	Type	Format	Question
V182	S10Q4	10.4.Iyo mpamvu yaba yaratumye urugo rubura ibintu byo mu ru	discrete	numeric	Did [Problem] create a decrease or loss of assets or belongings?
V183	S10Q5	10.5.Ese iyo ngorane yatumye urugo rutakaza ubushobozi bwo k	discrete	numeric	Did [Problem] create an unusual decrease in your household's ability to have enough food to eat?
V184	S10Q6B	10.6.1.Ni iki mwakoze kugirango mwikure muri izo ngorane ?	discrete	numeric	What did the household do to compensate for those losses?
V185	S10Q7	10.7.Kuri ubu urugo rwanyu rwabashije kwihaza mu biribwa ?	discrete	numeric	Has the household recovered from those losses?

Section 12 Female_15_49

Content	This file contains data related to the Maternal Health and nutrition (Female 15-49 years).
Cases	6252
Variable(s)	28
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V186	ID1	Intara	discrete	numeric	Province
V187	ID2	Akarere	discrete	numeric	District
V188	ID4	Umurenge	discrete	numeric	Sector
V189	ID5	Akagari	contin	numeric	Cell
V190	ID6	Agapande k'ibarura	contin	numeric	Zonne
V191	ID7	Numero y'urugo	contin	numeric	Houshold no
V192	NR	No	discrete	numeric	
V193	S12Q2	Izina ry'umugore ufite imyaka kuva 15 kugera 49	discrete	character	First name of woman aged 15-49yrs
V194	S12Q3	12.3. Imyaka afite	contin	numeric	Age in Years
V195	S12Q4	Ushobora kwandika/gusoma inyandiko ngufi	discrete	numeric	Can you read and write simple messages?
V196	S12Q5	12.5.Ni ikihe cyiciro cy'amashuri wize	discrete	numeric	What is your level of education?
V197	S12Q6	12.6.Ese ubu uratwite/uronsa	discrete	numeric	Are you currently pregnant or breastfeeding?
V198	S12Q7	12.7.Igihe wari utwite wigeze ujya kwisuzumisha kwa muganga	discrete	numeric	Have you ever attended antenatal consultation during this/last pregnancy?
V199	S12Q8	12.8.Igihe wari utwite wafashe ibinini bya feri	discrete	numeric	Have you ever received Iron-Folate tablets (small red tablets) during pregnancy?
V200	S12Q9	12.9.Hari ubwo wigeze ufata ibinini bya vitamini A nyuma y'a	discrete	numeric	In the first 2 months after your last delivery, did you receive a vitamin A capsule (red color capsule)?
V201	S12Q10	12.10.Mu byumweru 2 bishize hari ubwo wigeze urwara	discrete	numeric	In the past 2 weeks have you been ill at all?
V202	S12Q11	12.11.Mu ijoro ryakeye waba waraye mu nzitiraibu ?	discrete	numeric	Last night, did you sleep under a mosquito net?
V203	S12Q12A	12.12.a.Ukaraba intoki ryari ? Mbere yo gutegura ifunguro	discrete	numeric	When do you wash your hands Before preparing meals?
V204	S12Q12B	12.12.b.Ukaraba intoki ryari ? Mbere yo kurya	discrete	numeric	When do you wash your hands Before eating?
V205	S12Q12C	12.12.c.Ukaraba intoki ryari ? Avuye kwituma	discrete	numeric	When do you wash your hands After going to the toilet?
V206	S12Q12D	12.12.d.Ukaraba intoki ryari ? Nyuma yo gutuganya umwana uvu	discrete	numeric	When do you wash your hands After cleaning a child when they go to the toilet?
V207	S12Q12E	12.12.e.Ukaraba intoki ryari ? Igihe afite intoki zanduye	discrete	numeric	When do you wash your hands When they are dirty?

ID	Name	Label	Type	Format	Question
V208	S12Q12F	12.12.f.Ukaraba intoki ryari ? Nta na rimwe	discrete	numeric	When do you wash your hands? Never
V209	S12Q13	12.13.Iyo uvuye kwituma ukaraba iki ?	discrete	numeric	After visiting the toilet, what do you use to wash your hands?
V210	S12Q14	12.14.Pima umusegururko w'ukuboko kw'ibumoso (MUAC) muri cm	contin	numeric	Woman's MUAC (in centimeters)
V211	S12Q15	12.15.Ese ubu uratwite	discrete	numeric	Is the woman pregnant
V212	S12Q16	12.16.Uburebure bw'uwo mubyeyi muri cm	contin	numeric	Woman's height (in centimeters to one decimal place)
V213	S12Q17	12.17.Ibiro by'uwo mubyeyi mur Kg	contin	numeric	Woman's weight (in kilograms to one decimal place)

Section 13 enfants

Content	This file contains data related to the Child Health and Nutrition (59 months in the Household)
Cases	7819
Variable(s)	43
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda
Missing Data	

Variables

ID	Name	Label	Type	Format	Question
V214	ID1	Intara	discrete	numeric	
V215	ID2	Akarere	discrete	numeric	
V216	ID4	Umurenge	discrete	numeric	
V217	ID5	Akagari	contin	numeric	
V218	ID6	Agapande k'ibarura	contin	numeric	
V219	ID7	Numero y'urugo	contin	numeric	
V220	NS	No	discrete	numeric	
V221	S13Q1A0	13.1. Ese kuri ubu uracyonsa ?	discrete	numeric	
V222	S13Q1A	13.1a.Izina (buri mubare uhwanyeye n'ikirango cya nyina w'umwa	discrete	numeric	First name of the child
V223	S13Q1B	13.1b.N za nyina w'umwana	discrete	numeric	Mothers ID no.
V224	S13Q1C	13.2.Itariki y'amavuko Umunsi	contin	numeric	If available Date of Birth from the Medical Card
V225	S13Q1D	13.2.Itariki y'amavuko Ukwezi	discrete	numeric	If available Date of Birth from the Medical Card
V226	S13Q1E	13.2.Itariki y'amavuko Umwaka	discrete	numeric	If available Date of Birth from the Medical Card
V227	S13Q3	13.3.Ukwezi yavutsemo	discrete	numeric	Birth month
V228	S13Q4	13.4.Umwaka yavutseho	contin	numeric	Birth year
V229	S13Q5	13.5.Imyaka y'umwana (mu mezi)	contin	numeric	Child's age in months
V230	S13Q6	13.6.Igitsina	discrete	numeric	Child gender?
V231	S13Q7	13.7.Ni wowe ubyara	discrete	numeric	Are you the mother of [Name]
V232	S13Q8	13.8.Hari ubwo wigeze wonsa ?	discrete	numeric	Did you ever breastfeed [NAME]?
V233	S13Q9	13.9.Wonkeje nyuma y'igihe kingana iki ukimara kubyara ? A	discrete	numeric	How long after birth did you first put [NAME] to the breast?
V234	S13Q9A	13.9.Wonkeje nyuma y'igihe kingana iki ukimara kubyara ? I	contin	numeric	How long after birth did you first put [NAME] to the breast?
V235	S13Q10	13.10.Mu mezi 6 umaze kubyara waba hari icyo wamuhaye cyo ku	discrete	numeric	In the first six months after delivery, was [NAME] given anything to drink or other food other than breast milk?
V236	S13Q11	13.11.Uracyamwonsa	discrete	numeric	Is [NAME] still being breastfed?
V237	S13Q12	13.12.Ni kangahe waraye wonkeje kuva nimugoroba izuba rirenze	contin	numeric	How many times did you breastfeed [NAME] last night between sunset and sunrise?

ID	Name	Label	Type	Format	Question
V238	S13Q13	13.13.Ni inshuro nzigahye wonkeje ejo umunsi wose	contin	numeric	How many times did you breastfeed [NAME] yesterday during daylight hours?
V239	S13Q14	13.14.Ejo hashize cg mu ijoro ryakeye haba hari icyo yanywey	discrete	numeric	Did [NAME] drink anything from a bottle with a nipple yesterday or last night?
V240	S13Q15	13.15.Igihe yavukaga ... yaganaga ate ?	discrete	numeric	When [NAME] was born, was he/she ?(use code)
V241	S13Q16	13.16.Yigeze afata ikini cya vitamini A	discrete	numeric	Has [NAME] ever received a vitamin A capsule (supplement) like this one? Show capsule
V242	S13Q17	13.17.Mu byumweru bibili bishize yigeze arwara	discrete	numeric	Has [NAME] been ill in the last 2weeks?
V243	S13Q18	13.18.Mu byumweru bibili bishize yigeze agira umuriro	discrete	numeric	Has [NAME] been ill with a fever at any time in the past 2 weeks?
V244	S13Q19	13.19.Mu byumweru bibiri bishize yigeze arwara inkorara	discrete	numeric	Has [NAME] been ill with a cough at any time in the past 2 weeks?
V245	S13Q20	13.20.Mu byumweru bibiri bishize yigeze arwara impiswi ?	discrete	numeric	Has [NAME] been ill with diarrhea at any time in the past 2 weeks? (Diarrhea: perceived by mother as 3 or more loose stools per day for 3days or one large watery stool or blood in stool)
V246	S13Q21	13.21.Niba mu byumweru bibiri bishize yararwaye, ese yagiye	discrete	numeric	If the child was sick in the previous 2weeks, was [NAME] seen at a health facility during the illness?
V247	S13Q22	13.22.Niba afite amezi 9 cg hejuru ese yigeze abona urukingo	discrete	numeric	If 9months or older; Has [NAME] ever received a measles vaccination - an injection in the arm? (check yellow card if available)
V248	S13Q23	13.23.Ese yigeze afata ibinini by'inzoka mu mezi 6 ashize ?	discrete	numeric	Has [NAME] received deworming tablets in the last 6 months?
V249	S13Q24	13.24.Ibiro by'umwana	contin	numeric	Child weight (enter weight in kilograms, with one decimal place)
V250	S13Q25	13.25.Ese ibipimo by'umwana byafashwe aryamywe/ahagaze?	discrete	numeric	Child measurement made lying or standing? (If < 85cm < 24 months, must be measured lying down)
V251	S13Q26	13.26.Uburebure bw'umwana	contin	numeric	Child height/length (in centimeters, with one decimal place)
V252	S13Q27	13.27.Umuzeguruko w'akaboko k'ibumoso k'uwo mwana ?	contin	numeric	Child MUAC (in centimeters)
V253	S13Q28	13.28.umuzeguruko w'umutwe w'umwana	contin	numeric	Child head circumference (in centimeters)
V254	S13Q29	13.29.Ese umwana afite ububimbe ku birenge byombi ? (oedema	discrete	numeric	Does the child have bilateral pitting oedema? (Check both feet for oedema)
V255	S13Q30	13.30.Yaba yarashyizwe muri gahunda mbonezamirire ?	discrete	numeric	Is the child presently enrolled in a selective feeding program?
V256	S13Q31	13.31.Niba ari yego, ni muhiye gahunda ?	discrete	numeric	IF yes, which one?

All_Section_without_tables

Content	Data related to the Household's questionnaire such that: Household's Demographics, Housing and Facilities, Household Assets and Productive Assets, Migration & Remittances, Sources of Credit, Food Sources and Consumption, External Assistance / Programme participation, - External Assistance / Programme participation, and Child Health and Nutrition.
Cases	5400
Variable(s)	242
Structure	Type: Keys: ()
Version	
Producer	National Institute of Statistics of Rwanda.
Missing Data	

Variables

