



Collaborative Research Centre 228: Future Rural Africa: Household Survey (Wave II-2023) - Botswana

Data Dictionary

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Table of Contents

INTRODUCTION	4
SECTION 0: INTERVIEW INFORMATION	6
SECTION 1: HOUSEHOLD DEMOGRAPHICS AND ROSTER	8
SECTION 2: MIGRATION PATTERNS AND HISTORY	26
SECTION 3: LAND OWNERSHIP AND ACCESS	
SECTION 4: CROP PRODUCTION	
SECTION 5: LIVESTOCK OWNERSHIP	
SECTION 6: HOUSEHOLD ASSETS	56
SECTION 7: HOUSEHOLD SHOCKS AND COPING	66
SECTION 8: ASPIRATION, SOCIAL NETWORK	69
SECTION 9: FOOD SECURITY	85
SECTION 10: OTHER INCOME SOURCES	90
SECTION 11: GENDER ROLES AND TIME ALLOCATION	
SECTION 12: ROAD CONNECTIVITY	96
SECTION 13: CONSERVANCY AND ENVIRONMENTAL PRODUCTS	
SECTION 15: FUTURE CONTACT	106

INTRODUCTION

This data dictionary provides a short description of the variables and data files for the Collaborative Research Centre 228: Future Rural Africa: Household Survey (Wave II-2023) for Botswana. The data dictionary is organized by sections, each of which corresponds to the structure of the questionnaire. It contains the variable name, label, type and the answer label with its code. The data dictionary is intended to provide researchers with an overview of the data and to facilitate the use of the dataset. Detailed variable descriptions can be found in the codebook.

Acknowledgements

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Table 1. Botswana	Enumerator and	Supervisor Contacts
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Disclaimer

The data provided are for research purposes only and should not be used for commercial purposes. The data are the property of the Collaborative Research Centre 228: Future Rural Africa and are subject to the terms and conditions of use specified by the data owners (CRC data use policy). Users are responsible for ensuring that they comply with the terms and conditions of use and for obtaining any necessary permissions or approvals for the use of the data. The data owners are not responsible for any errors or omissions in the data or for any loss or damage resulting from the use of the data.

Citation

Researchers who use the data are required to cite the dataset as follows:

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Contact Information

For more information about the Collaborative Research Centre 228: Future Rural Africa: Household Survey (2023), please contact the project PIs Prof. Dr. Jan Börner or Prof. Dr. Peter Dannenberg

SECTION 0: INTERVIEW INFORMATION

IDENTIFYING INFORMATION

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
ctry	Country			long
		Kenya	1	
		Tanzania	2	
		Zambia	3	
		Namibia	4	
		Botswana	5	
dist	District	Open ended		String
village	Village Name			long
		KACHIKAU	1	
		KASANE	2	
		KAVIMBA	3	
		KAZUNGULA	4	
		MUCHINJE/MABELE	5	
		PANDAMATENGA	6	
local_name	Local Name of the Grid	Open ended		String
interviewed_consent	Interviewed consent	Open ended		double
res_head	ls the Respondent (member_name_consent) Head of the Household?			long
		Head of the household	1	
		Representative of the head	2	
res_rel	What is the Relationship (member_name_consent) of the Respondent to the Head			long
		Self/HH head	1	
		Spouse	2	
		Son	3	
		Daughter	4	
		Brother	5	
		Sister	6	
		Father	7	
		Mother	8	
		Grandson	9	
		Granddaughter	10	
		Son-in-law	11	
		Daughter-in-law	12	
		Brother-in-law	13	
		Sister-in-law	14	
		Grandfather	15	
		Grandmother	16	
		Nephew	17	
		Niece	18	
		Other male relative	19	

		Other male member	21	
		Other female member	22	
interview_possible	Is it Possible to Start the Interview?			long
		No	1	
		Yes	2	

SECTION 1: HOUSEHOLD DEMOGRAPHICS AND ROSTER

BASIC DEMOGRAPHICS

nterview_key Unique Interview Key Open ended String membersid Member id Open ended double vie_here During the Past 12 Months, How many Months Did _s1 12 Months, How many Months Did _s1 member_name_ Live Here? Immed is the MAIN Reason for Absence Immed is the main reason Immed is the MAIN Reason for Absence Immed is the main reason Immed is the MAIN Reason for Absence Immed is the main reason Immed is the Im	Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
r_members_id Member id Open ended double During the Past 12 Months, How many Months Did _s1_member_name it we Here? basence_res If _s1_member_name_Has not Stayed for 12 Months, What is the MAIN Reason for New arrivals - New born 1 New arrivals - Returned 2 home from adduction/displacement New arrivals - To escape 3 insecurity from home area New arrivals - To look for 5 work New arrivals - Dolok for 5 Work arrivals - Dolok for 5 work New arrivals - Dolok for 5 New for 1 New arrivals - Dolok for 5 New for 1 New arrivals - Dolok for 5 New for 1 New	interviewkey	Unique Interview Key	Open ended		
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New arrivals - Returned home from abduction/displacement 2 New arrivals - To escape insecurity from home area 3 New arrivals - To escape insecurity from home area 3 New arrivals - To look for work 4 New arrivals - To look for work 5 New arrivals - To look for work 5 New arrivals - Clucation 7 New arrivals - Clucation 7 New arrivals - Clucation 7 New arrivals - Divorce 9 Members that left - 10 0 Deceased 0 Members that left - Other economic reasons 11 area Nembers that left - Other economic reasons 12 Members that left - Other economic reasons 13 Members that left - Other economic reasons 14 Members that left - 11 15 Members that left - 15 14 Members that left - 16 14 Members that left	absence_res	Stayed for 12 Months, What is the			long
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economic reasons Members that left - Illness I4 Members that left - 15 Education Members that left - 16 Marriage Members that left - Divorce 17 Members that left - Divorce 17 I Members that left - Started 18 own household Members that left - 19 Abducted/disappeared Members that left - 0ther 20 (Specify) absence_res_oth Specify the MAIN Reason for Absence ha03 What is the Sex of s1_member_name_? Member shat left - Version Member shat left - Other 20 (Specify) Member shat left - Specify Member shat left - Specify Member shat left - Spe			-	12	
Members that left - 15 Education 16 Members that left - 16 Marriage 17 Members that left - Divorce 17 Members that left - Started 18 own household 19 Abducted/disappeared Members that left - Members that left - Other 20 (Specify) Specify the MAIN Reason for Absence Mend3 What is the Sex of ? String				13	
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absence_res_oth Specify the MAIN Reason for Absence Open ended String ha03 What is the Sex of			Members that left - Other	20	
s1_member_name?	absence_res_oth	Specify the MAIN Reason for Absence			String
	ha03				long
			Female	1	

		Male	2	
ha_rel	What iss1_member_name's Relationship to the Head of Household?	Open ended		String
age	How Old iss1_member_name?			long
		Less than 1 year	1	
		1	2	
		2	3	
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marital What is _s1_member_name_'s Current Marital Status? 108 96 Married monogamously 1	Initial Matrix s1_member_name_'s Current Marital Status? Iong Married monogamously 1 Married polygamous 2 Divorced /Separated 3			102	94	
marital What iss1_member_name's Current Marital Status? long Married monogamously 1	marital What iss1_member_name's Current Marital Status? long Married monogamously 1 Married polygamous 2 Divorced /Separated 3			103	95	
Current Marital Status? Married monogamously 1	Current Marital Status? Married monogamously 1 Married polygamous 2 Divorced /Separated 3			108	96	
	Married polygamous2Divorced /Separated3	marital	What iss1_member_name's Current Marital Status?			long
Name and a second se	Divorced /Separated 3					
	Widow/ Widower 4					
Widow/ Widower 4				Widow/ Widower	4	

		Never Married	5	
ha07	What iss1_member_name's	Open ended		String
uelieie	Ethnic Group?			lawa
religio	What iss1_member_name's Religion?			long
		Refuse to answer	1	
		Does not know	2	
		Catholic	3	
		Protestant demoninantions	4	
		(incl all non-catholic denominations)		
		Muslim	5	
		African Traditional religion	6	
		Non-religious	7	
		Other → Please specify	8	
religio_1	s1_member_name's Religion, if Response is "Other"	Open ended		String
educ1	What Was the Highest Class/Grade thats1_member_name COMPLETED?			long
		No formal education	1	
		Nursey/ Kindergarten/ECD	2	
		Standard 1	3	
		Standard 2	4	
		Standard 3	5	
		Standard 4	6	
		Standard 5	7	
		Standard 6	8	
		Standard 7	9	
		Form 1	10	
		Form 2	11	
		Form 3	12	
		Form 4	13	
		Form 5	14	
		University level	15	
		Post graduate university level	16	
		Adult Literacy	17	
		Religious education	18	
		Other educational training	19	
educ2	<pre>Iss1_member_name Currently Attending School?</pre>			long
		No	1	
		Yes	2	
school_attnd	What is the MAIN Reason s1_member_name not Attending School?			long
		Refused to answer	1	
		I don't Know	2	
		Completed desired schooling	3	
		Further schooling not available	4	
		Too expensive	5	
		Too far away	6	
		Had to help at home	7	
		Had to help with farm work	8	
		Had to help with family	9	

		business	10	
		Poor school quality	10	
		Parents did not want	12	
		Not willing to attend further	13	
		Poor academic progress	14	
		Sickness or calamity in family	15	
		Pregnancy	16	
		Other	17	
school_attnd_oth	Specify Other Reason for not Attending School	Open ended		String
educ3	How Much Money Has the Household Spent ons1_member_name Schooling During th	Open ended		double
ex_student	Please Name the University the Household Member Has Graduated from	Open ended		String
year_graduate	In which Year Did the Household Member Graduate?	Open ended		String
study_program	Could you Please Name the Study Programme the Household Member Was Enrolled In?	Open ended		String
emp_member	<pre>Iss1_member_name Employed or Involved in any Income-Generating Activities,</pre>			long
		No	1	
		Yes	2	
lbr3	Wass1_member_name Employed in any Job Away from the Own Farm Including Its			long
		No	1	
		Yes	2	
lbr13	In the Last 12 Months, Has s1_member_name Undertaken any Work on the Farm?			long
		No	1	
		Yes	2	

OFF-FARM EMPLOYMENT

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Member id	Open ended		double
lbr3_1	What Type of Off-Farm Job Was s1_member_name Engaged in in the Last 12 Month			long
		l don't know	1	
		Large-scale farm	2	
		Small-scale farm	3	
		Food industry	4	
		Health (nurse, doctor etc)	5	
		Education (teacher etc)	6	
		Other public sector	7	
		Retail trade	8	
		Transport	9	

		Travel and Tourism	10	
		Hospitality (e.g.,	11	
		Accommodation & Lodging)		
		Recreation & amp; Events	12	
		Beauty industry (hair, skin	13	
		etc)	-	
		Security services	14	
		Domestic/household	15	
		helper		
		Others, specify	16	
lbr3_1_oth	Please Specify Other Type of Off-Farm Jobs1_member_name Engaged in	Open ended		String
emp_form	What is the Type of Employment?			long
		Self-employed/own	1	
		business		
		Employee	2	
bus_yr	How Long Has the Business Been in	Open ended		double
hue dru	Operation (in Months)? What is the Total Number of Months	Onen anded		daubla
bus_dry	s1_member_name Worked in Business During	Open ended		double
bus_rain	What is the Total Number of Months	Open ended		double
_	s1_member_name Worked in			
	this Business Du			
bus_days_wk	What is the Total Number of Days in a	Open ended		double
	Typical Weeks1_member_name Worked in			
bus hrs	What is the Total Number of Hours in	Open ended		double
5d5_115	a Typical Day s1 member name	open ended		uoubie
	Worked in			
bus_sales	What is the Approximate Total	Open ended		double
	Income (incurrency) from the			
bus_main_use1	Business Operate What is the MAIN Use of the Money	Open ended		double
bus_mam_use1	Received from this	Open ended		uouble
	Source?[Investment in Own B			
bus_main_use2	What is the MAIN Use of the Money	Open ended		double
	Received from this Source?[Food]			
bus_main_use3	What is the MAIN Use of the Money	Open ended		double
	Received from this			
bus_main_use4	Source?[Education] What is the MAIN Use of the Money	Open ended		double
bus_mam_use4	Received from this Source?[Health]	Open ended		uouble
bus_main_use5	What is the MAIN Use of the Money	Open ended		double
	Received from this Source?[Housing			
	and Furnitu			
bus_main_use6	What is the MAIN Use of the Money	Open ended		double
	Received from this			
bus_main_use7	Source?[Transportation] What is the MAIN Use of the Money	Open ended		double
bus_mam_use/	Received from this	open ended		double
	Source?[Entertainment]			
bus_main_use96	What is the MAIN Use of the Money	Open ended		double
	Received from this Source?[Others,			
hus mat 200	Specify]			
bus_main_usen888	What is the MAIN Use of the Money	Open ended		double
	Received from this Source?[I Don't Know]			
bus_main_use_others	Specify Other Income Use	Open ended		String
		•		0

bus_input	How Much Was Spend on Buying Stock and Inputs for this Business Operated bys1	Open ended		double
bus_labor	How Much Was Spend on Hired Labor for this Business Operated by s1 member name	Open ended		double
bus_capital	How Much Was Spend on Capital Costs (Machinery Maintenance, Rent for the Premise	Open ended		double
bus_reg	Is the Business Operated by s1_member_name Registered?			long
		Yes	1	
		No	2	
bus_loc	Where is the Business Located?			long
		Refuse to answer	1	- 0
		Don't know	2	
		Town in region	3	
		Town outside region	4	
		-	5	
		Capital city		
		Outside the country	6	
		Village in region	7	
		village outside region	8	
		Other, Specify	9	
bus_employe	How many Employees Does the Business Have?	Open ended		double
tourism_motivate1	What Motivated the s1_member_name to Start a Business?[Previous Experience i			long
		No	1	
		Yes	2	
tourism_motivate2	What Motivated the		-	long
tourisin_inotifettet	s1_member_name to Start a Business?[Saw Other Successful			10118
		No	1	
		Yes	2	
tourism_motivate3	What Motivated the s1_member_name to Start a Business?[Figure that this Kind			long
	-	No	1	
		Yes	2	
tourism_motivate4	What Motivated the s1_member_name to Start a Business?[Unemployment]			long
		No	1	
		Yes	2	
tourism_motivate5	What Motivated the s1_member_name to Start a Business?[Insufficient Income f			long
		No	1	
		Yes	2	
tourism_motivate6	What Motivated the s1_member_name to Start a			long
	Business?[Insufficient Income f	No	1	
		Yes	2	
tourism motivate 7	What Motivated the	153	۷	long
tourism_motivate7	What Motivated the s1_member_name to Start a Business?[Insufficient Income f			long

		Ne	1	
		No	1	
ta si an ati ata 0		Yes	2	lana
tourism_motivate8	What Motivated the s1_member_name to Start a			long
	Business?[Inherited the Busines	No	1	
			1	
		Yes	2	
tourism_motivate96	What Motivated the s1_member_name to Start a Business?[Other (Please Specify			long
		No	1	
		Yes	2	
tourism_motivate_oth	Specify Other Motivation			long
		No	1	-
		Yes	2	
years_exp_agri	Years of Experience in the Job			long
/		Refused to answer	1	
		I don't know	2	
		0	3	
		1	4	
		2	5	
		3	6	
		4	7	
		5	8	
		6	9	
		7	10	
		8	11	
		10	12	
		11	13	
		12	14	
		13	15	
		14	16	
		15	17	
		16	18	
		17	19	
		18	20	
		19	20	
		20	22	
		21	23	
		22	23	
		23	24	
		24	26	
			26	
		25 27		
			28	
		29	29	
		30	30	
		35	31	
		44	32	
		50	33	
business_obstacle1	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	

business_obstacle2	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle3	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle4	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle5	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle6	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle7	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle8	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle9	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle10	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle11	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstacle96	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obstaclen88 8	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	

			-	
		Yes	2	
business_obstaclen99 9	What Doess1_member_name View as the MAIN Obstacle to Operation and Growth o			long
		No	1	
		Yes	2	
business_obs_oth	Specify Other Obstacle?	Open ended	-	String
		Open ended		-
business_financing1	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Hi			long
		No	1	
		Yes	2	
business_financing2	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[La			long
		No	1	
		Yes	2	
business_financing3	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Co			long
		No	1	
		Yes	2	
business_financing4	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Ba			long
		No	1	
		Yes	2	
business_financing5	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[In			long
		No	1	
		Yes	2	
business_financing6	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Sp			long
		No	1	
		Yes	2	
business_financing7	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Ba			long
		No	1	
		Yes	2	
business_financing8	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Ac			long
		No	1	
		Yes	2	
business_financing9	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Ac		L	long
		No	1	
		Yes	2	
business_financing10	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Ac			long
		No	1	
		Yes	2	

business_financing11	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Ac			long
		No	1	
		Yes	2	
business_financing12	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Co			long
		No	1	
		Yes	2	
business_financing96	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Ot			long
		No	1	
		Yes	2	
business_financingn88 8	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[I			long
		No	1	
		Yes	2	
business_financingn99 9	In your View, What are the THREE MAIN Constraints when it Comes to Financing?[Re			long
		No	1	
		Yes	2	
business_financing_oth	Specify Other			long
		No	1	
		Yes	2	
business_finance1	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating			long
		No	1	
		Yes	2	
business_finance2	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating			long
		No	1	
		Yes	2	
business_finance3	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating			long
		No	1	
		Yes	2	
business_finance4	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating			long
		No	1	
		Yes	2	
business_finance5	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating			long
		No	1	
		Yes	2	
business_finance6	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating			long
		No	1	
		Yes	2	

business_finance7	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating	9			long
			No	1	
			Yes	2	
business_finance8	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating	2			long
			No	1	
			Yes	2	
business_finance96	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating	<u>. </u>			long
			No	1	
			Yes	2	
business_financen888	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating	2			long
			No	1	
			Yes	2	
business_financen999	Where Doess1_member_name Usually Go when He/Her Needs a Loan for Operating	<u>. </u>			long
			No	1	
			Yes	2	
business_finance_oth	Specify Other				long
			No	1	
			Yes	2	
business_legal1	Where Dos1_member_name when He/She Has a Dispute over Money with a Suppl	_Go			long
			No	1	
			Yes	2	
business_legal2	Where Dos1_member_name when He/She Has a Dispute over Money with a Suppl	_Go			long
			No	1	
			Yes	2	
business_legal3	Where Dos1_member_name when He/She Has a Dispute over Money with a Suppl	_Go			long
			No	1	
			Yes	2	
business_legal4	Where Dos1_member_name when He/She Has a Dispute over Money with a Suppl	_Go			long
			No	1	
			Yes	2	
business_legal5	Where Dos1_member_name when He/She Has a Dispute over Money with a Suppl	_Go			long
			No	1	
			Yes	2	
business_legal96	Where Dos1_member_name when He/She Has a Dispute over Money with a Suppl	_Go			long
			No	1	
			Yes	2	

business_legaln888	Where Dos1_member_name Go when He/She Has a Dispute over Money with a Suppl			long
		No	1	
		Yes	2	
business_legaln999	Where Dos1_member_name Go when He/She Has a Dispute over Money with a Suppl			long
		No	1	
		Yes	2	
business_legal_oth	Specify Other			long
		No	1	
		Yes	2	
support_local_gov	Dids1_member_name Receive any Support from a Local, Regional or National Go			long
		No	1	
		Yes	2	
support_local_kind1	What Kind of Support Was Provided?[Tax Incentives or Exemptions]	Open ended		double
support_local_kind2	What Kind of Support Was Provided?[Grants or Subsidies]	Open ended		double
support_local_kind3	What Kind of Support Was Provided?[Loans or Financing]	Open ended		double
support_local_kind4	What Kind of Support Was Provided?[Access to Training Programs or Workshops]	Open ended		double
support_local_kind5	What Kind of Support Was Provided?[Networking Opportunities or Access to Busines	Open ended		double
support_local_kind6	What Kind of Support Was Provided?[Regulatory or Administrative Support]	Open ended		double
support_local_kind7	What Kind of Support Was Provided?[Market Research or Feasibility Studies]	Open ended		double
support_local_kind8	What Kind of Support Was Provided?[Export or Trade Assistance]	Open ended		double
support_local_kind96	What Kind of Support Was Provided?[Other (Please Specify).]	Open ended		double
support_local_kindn88 8	What Kind of Support Was Provided?[I Don't Know]	Open ended		double
support_local_kindn99 9	What Kind of Support Was Provided?[Refused to Answer]	Open ended		double
<pre>support_local_gov_oth</pre>	Specify Other Support	Open ended		String
lbr3_2	What is the Name of the Company/Employer where s1_member_name Was Employed i	Open ended		String
lbr3_3	Where iss1_member_name's Workplace Located?			long
		In this village	1	
		In other rural area within or outside this district	2	
		Town or city within this district/region	3	
		Town or city in another district/region	4	
		Outside the country	5	

lbr3_4	Iss1_member_name's Off-Farm Job Permanent or Seasonal?			long
		Permanent	1	
		Seasonal	2	
lbr3_5	If Permanent or Longer Term, What is s1_member_name's Wage Rate per Month (M	Open ended		double
lbr3_5_11	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_12	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_13	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_14	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_15	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_16	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_17	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_196	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_1n888	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_1n999	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_5_1_oth	Specify Other Income Use bys1_member_name?	Open ended		String
lbr3_6	If Permanent or Longer Term, How many Days in a Typical Week Did s1_member_nam	Open ended		double
lbr3_7	If Permanent or Longer Term, How many Hours in a Typical Day Did s1_member_nam	Open ended		double
lbr3_8	If Seasonal/Casual, How Was s1_member_name Paid?			long
		Per hour	1	
		Per day	2	
		Per week	3	
		Per fortnight	4	
		Per month	5	
		Per quarter	6	
		Per half year	7	
		Per year	8	
		Lumpsum	9	
lbr3_9	If Seasonal or Casual, What is the Amount of Money Paid to s1_member_name af	Open ended		double

lbr3_9_11	What is the MAIN Use of the Money Received from this Source by s1 member name	Open ended		double
lbr3_9_12	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_9_13	What is the MAIN Use of the Money Received from this Source by s1 member name	Open ended		double
lbr3_9_14	What is the MAIN Use of the Money Received from this Source by s1 member name	Open ended		double
lbr3_9_15	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_9_16	What is the MAIN Use of the Money Received from this Source by s1 member name	Open ended		double
lbr3_9_17	What is the MAIN Use of the Money Received from this Source by s1 member name	Open ended		double
lbr3_9_196	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_9_1n888	What is the MAIN Use of the Money Received from this Source by s1_member_name_	Open ended		double
lbr3_9_1n999	What is the MAIN Use of the Money Received from this Source by s1 member name	Open ended		double
lbr3_9_1_oth	Specify Other Use of Income by s1_member_name?	Open ended		String
lbr3_10	If Seasonal or Casual, What is the Number of Months Worked by s1_member_name	Open ended		double
lbr3_11	If Seasonal or Casual, What is the Number of Months Worked by s1_member_name	Open ended		double
lbr3_12	If Seasonal or Casual, What is the Number of Days in a Typical Week Worked by	Open ended		double
lbr3_13	If Seasonal or Casual, What is the Number of Hours in a Typical Day Worked by	Open ended		double
lbr3_141	Was thes1_member_name Provided with any of the Following Fringe Benefits in			long
		No	1	
		Yes	2	
lbr3_142	Was thes1_member_name Provided with any of the Following Fringe Benefits in			long
		No	1	
		Yes	2	
lbr3_143	Was thes1_member_name Provided with any of the Following Fringe Benefits in			long
		No	1	
		Yes	2	
lbr3_15	Hass1_member_name Been Working During Nights and/or Official Holidays witho			long

			_	
		No	1	
		Yes	2	
lbr3_16	Hass1_member_name Had any Work Accidents Since the Start of Employment in t			long
	. ,	No	1	
		Yes	2	
lbr3_17	Does this Job Offer Paternity/Maternity Leave for s1_member_name?			long
		No	1	
		Yes	2	
lbr3_18	Does this Job Offer Health Insurance fors1_member_name?	Ne	1	long
		No	1	
		Yes	2	
lbr3_19	Iss1_member_name Working Unprotected with Dangerous Products (E.g. Pesticid			long
		No	1	
		Yes	2	
leave	Iss1_member_name Allowed to Take a Paid Annual Leave?			long
		No	1	
		Yes	2	
sick_leave	<pre>Iss1_member_name Entitled and Able to Take a Paid Sick Leave?</pre>			long
		No	1	
		Yes	2	
lbr10	What Best Describes s1_member_name's Contract Status in this Activity?			long
		Refuse to answer	1	
		Do not know	2	
		Long term permanent contract	3	
		Fixed term permanent contract	4	
		Part-time contract	5	
		Daily wage labourer	6	
		No contract (informal)	7	
		Self-employed/ own firm	8	
		Volunteering	9	
		Apprenticeship /	10	
		internship		
		Other (specify)	11	
lbr10_1	Please Specify if s1_member_name's Contract Type is "Other"	Open ended		String
job_search	How Dids1_member_name Find the Job/Work?			long
		From family and relatives	1	
		From neighbors or friends	2	
		Farmer or producer organizations or cooperatives	3	
		Vocational training centres	4	

		Public employment/recruitment agency	5	
		Private employment/recruitment agency	6	
		Online postings	7	
		Others, specify	8	
job_search_oth	Please Specify Other Job Search Method fors1_member_name	Open ended		String
lbr09	Hass1_member_name Received any Professional Education or Training for this			long
		No	1	
		Yes	2	
emp_years	How Long (in Years) Has s1_member_name Been Engaged or Working in that Occup	Open ended		double
lbr11	On Scale of 1 to 5, How Satisfied is s1_member_name with His/Her Activity/			long
		Very dissatisfied	1	
		dissatisfied	2	
		Neither	3	
		Satisfied	4	
		Very satisfied	5	

ON-FARM EMPLOYMENT

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Member id	Open ended		double
lbr13	In the Last 12 Months, Has s1_member_name Undertaken any Work on the Farm?			long
		No	1	
		Yes	2	
lbr13_1	How many Months Did s1_member_name Work on Cash Crops During the Rainy Seas	Open ended		double
lbr13_2	How many Months Did s1_member_name Work on Cash Crops During the Dry Season	Open ended		double
lbr13_3	In a Typical Week, How many Days Did s1_member_name Work on Cash Crops?	Open ended		double
lbr13_4	In a Typical Day, How many Hours Did s1_member_name Work on Cash Crops?	Open ended		double
lbr13_5	How many Months Did s1_member_name Work on Food Crops During the Rainy Seas	Open ended		double
lbr13_6	How many Months Did s1_member_name Work on Food Crops During the Dry Season	Open ended		double

lbr13_8	In a Typical Week, How many Days Did s1_member_name Work on Food Crops?	Open ended	double
lbr13_9	In a Typical Day, How many Hours Did s1_member_name Work on Food Crops?	Open ended	double
years_exp_crp	How many Years of Experiance Do you Have in Crop Cultivation?	Open ended	double
lbr13_10	How many Months Did s1_member_name Work in Livestock Keeping Activities Duri	Open ended	double
lbr13_11	How many Months Did s1_member_name Work in Livestock Keeping Activities Duri	Open ended	double
lbr13_12	In a Typical Week, How many Days Did s1_member_name Work in Livestock Keepin	Open ended	double
lbr13_13	In a Typical Day, How many Hours Did s1_member_name Work in Livestock Keepin	Open ended	double
years_exp_liv	How many Years of Experiance Do you Have in in Livestock Keeping?	Open ended	double
onfarm_main_use 1	What is the MAIN Use of the Money Received from on Farm Activity by s1 member	Open ended	double
onfarm_main_use 2	What is the MAIN Use of the Money Received from on Farm Activity by s1 member	Open ended	double
onfarm_main_use 3	What is the MAIN Use of the Money Received from on Farm Activity by s1 member	Open ended	double
onfarm_main_use 4	What is the MAIN Use of the Money Received from on Farm Activity by s1 member	Open ended	double
onfarm_main_use 5	What is the MAIN Use of the Money Received from on Farm Activity by s1 member	Open ended	double
onfarm_main_use 6	What is the MAIN Use of the Money Received from on Farm Activity by s1 member	Open ended	double
onfarm_main_use 7	What is the MAIN Use of the Money Received from on Farm Activity by s1 member	Open ended	double
onfarm_main_use 96	What is the MAIN Use of the Money Received from on Farm Activity by s1_member_	Open ended	double
onfarm_main_use_ot h	Specify Other Use by s1_member_name?	Open ended	String

SECTION 2: MIGRATION PATTERNS AND HISTORY

MIGRATION HISTORY

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Member id	Open ended		double
migrant_ind	Hass1_member_name Worked or Moved Away from the Household in the Last 12 Mo			long
		No	1	
		Yes	2	
migrant_current	<pre>Iss1_member_name a Current Outmigrant or Currently Away from the Household?</pre>			long
		No	1	
		Yes	2	
migrant_past	Dids1_member_name Work as Outmigrant in the Last 5 Years?			long
		No	1	
		Yes	2	
migr_itt	Doess1_member_name Have any Intention to Temporarily or Permanently Migrate			long
		Refuse to answer	1	
		Don't know	2	
		Yes permanently migrate	3	
		Yes temporarily migrate	4	
		No intention to migrate	5	
migr_desti	What iss1_member_name's Preferred Destination?			long
		Refuse to answer	1	
		Don't know	2	
		Town in region	3	
		Town outside region	4	
		Capital city	5	
		Outside the country	6	
		Village in region	7	
		village outside region	8	
		Other, Specify	9	
migr_desti_oth	Specify Other Migration Destination	Open ended		String
migrant_year_first	In which Year Did s1_member_name Migrate for the First Time?	Open ended		double
migrant_year_recent	In which Year Did s1_member_name Recently Migrate Out?	Open ended		double
migrant_months_no	For Current Migrants, in a Typical Year, How many Months is s1_member_name A	Open ended		double

migrant_visit	How many Times Did the s1_member_name Visit Home in the Last 12 Months?	Open ended		double
remit_amt	How Much is the Total Remittance (in currency) Sent by s1_member_name to	Open ended		double
remit_receiver	Who Generally Receives the Remittance from s1_member_name?			long
		Head/Self	1	
		Spouse	2	
		Son	3	
		Daughter	4	
		Brother	5	
		Sister	6	
		Father	7	
		Mother	8	
		Grandson	9	
		Granddaughter	10	
		Son-in-law	11	
		Daughter-in-law	12	
		Brother-in-law	13	
		Sister-in-law	14	
		Grandfather	15	
		Grandmother	16	
		Nephew	17	
		Niece	18	
		Other male relatives	19	
		Other female relatives	20	
		Other male members	21	
		Other female members	22	

SECTION 3: LAND OWNERSHIP AND ACCESS

LAND OWNERSHIP AND ACCESS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interview key	Unique Interview Key	Open ended		String
Ind_mes	How is Land Measured in this Region?			long
·_ ··		Acres	1	- 0
		Hectares	2	
		Other → Please specify	3	
Ind_mes_1	Please Specify if Response to Land Measurement is Other and Provide Conversion F	Open ended		String
Ind01	Size of Cropland	Open ended		double
Ind02	Size of Fallow	Open ended		double
Ind03	Size of Agroforestry or forestry	Open ended		double
Ind04	Size of Pasture (natural or planted)	Open ended		double
Ind08	Size of Residential land	Open ended		double
Ind09	Size of Lodge/camp site	Open ended		double
Ind06	Size of Other land use types	Open ended		double
Ind_ten01	What is the ownership status (tenure) of land under %rostertitle%?			long
		Refuse to answer	1	
		Don't know	2	
		State owned	3	
		Private owned with land title	4	
		Private owned with no land title	5	
		Leased/rented	6	
		Communally owned	7	
		Co-share/ co-farming	8	
Ind_ten02	What is the ownership status (tenure) of land under %rostertitle%?			long
		Refuse to answer	1	
		Don't know	2	
		State owned	3	
		Private owned with land title	4	
		Private owned with no land title	5	
		Leased/rented	6	
		Communally owned	7	
		Co-share/ co-farming	8	
Ind_ten03	What is the ownership status (tenure) of land under %rostertitle%?			long
		Refuse to answer	1	
		Don't know	2	
		State owned	3	
		Private owned with land title	4	
		Private owned with no land title	5	

		Leased/rented	6	
		Communally owned	7	
		Co-share/ co-farming	8	
Ind_ten04	What is the ownership status (tenure) of land under %rostertitle%?			long
		Refuse to answer	1	
		Don't know	2	
		State owned	3	
		Private owned with land title	4	
		Private owned with no land title	5	
		Leased/rented	6	
		Communally owned	7	
		Co-share/ co-farming	8	
Ind_ten08	What is the ownership status (tenure) of land under %rostertitle%?			long
		Refuse to answer	1	
		Don't know	2	
		State owned	3	
		Private owned with land title	4	
		Private owned with no land title	5	
		Leased/rented	6	
		Communally owned	7	
		Co-share/ co-farming	8	
Ind_ten09	What is the ownership status (tenure) of land under %rostertitle%?			long
		Refuse to answer	1	
		Don't know	2	
		State owned	3	
		Private owned with land title	4	
		Private owned with no land title	5	
		Leased/rented	6	
		Communally owned	7	
		Co-share/ co-farming	8	
Ind_ten06	What is the ownership status (tenure) of land under %rostertitle%?			long
		Refuse to answer	1	
		Don't know	2	
		State owned Private owned with land	3 4	
		title Private owned with no land	5	
		title	-	
		Leased/rented	6	
		Communally owned	7	
Ind 07	Have you Ever Been Involved in a Land	Co-share/ co-farming	8	long
Ind_07	Have you Ever Been Involved in a Land Dispute Concerning any of the Land Parcels			long
		No	1	
		Yes	2	
Ind_08	With Whom Did you Have a Land			long
	Dispute?			

		Within family	1	
		Other individuals	2	
		Government	3	
		Other → Please specify	4	
Ind_08_1	Please Specify if Dispute Was with "Other"	Open ended		String
Ind_09	Where Did you Go for Arbitration to Resolve the Dispute?			long
		Nowhere	1	
		Clan / Elder	2	
		Village headman / chairperson	3	
		Neighbours	4	
		LC Court	5	
		Magistrate	6	
		Tried to sort out ourselves	7	
	Disease Constitution Dist Aubitmetion	Other (please specify)	8	Chuin a
Ind_09_1	Please Specify if you Did Arbitration with "Other"	Open ended		String
Ind_10	Was the Dispute Resolved?			long
		No	1	
		Yes	2	
Ind_11	How Likely Do you Think There will be a Dispute over your Land Ownership in the			long
		Very unlikely	1	
		unlikely	2	
		Maybe, maybe not	3	
		Likely	4	
		Very likely	5	
Ind_12	Are you Taking any Action to Protect your Household from Future Possible Land Di			long
		No	1	
		Yes	2	
Ind_131	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_132	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_133	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_134	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_135	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long

		No	1	
Ind_136	What Actions are you Taking to Protect Yourself from Future Disputes or Loss	Yes	2	long
	of			
		No	1	
		Yes	2	
Ind_137	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_138	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_139	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_1310	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_1396	What Actions are you Taking to Protect Yourself from Future Disputes or Loss of			long
		No	1	
		Yes	2	
Ind_13_oth	Specify Other Action			long
		No	1	
		Yes	2	
f01	Has the Household Cleared any Land from Natural Vegetation (Including Fallow Veg			long
		No	1	
		Yes	2	
f03	How Much Area with Natural Vegetation (Including Fallow Vegetation) Was Cleared	Open ended		double
f041	For which purpose was the land cleared?[Crops]			long
		No	1	
		Yes	2	
f042	For which purpose was the land cleared?[Grazing]	No	1	long
(0.1		Yes	2	
f043	For which purpose was the land cleared?[Buildings]	No	1	long
		No Yes	1	
f0496	For which purpose was the land	100	۷	long
10490	cleared?[OtherPlease specify]	No	1	long
		NU	T	

		Yes	2	
f04_1	Please Specify if Purpose for Clearing	105	-	long
	Forest is "Other"			10115
		No	1	
		Yes	2	
f05	Over the Past 5 Years, How many Trees Has the Household Planted?	Open ended		double
Ind_14	In General, How Has the Availability of Land Changed over the Last 5 Years?			long
		Massive increase	1	
		Slight increase	2	
		The same	3	
		Slight decrease	4	
		Massive decrease	5	
Ind_15	How Do you Think the Availability of Land will Change in the Next 5 Years?			long
		Massive increase	1	
		Slight increase	2	
		The same	3	
		Slight decrease	4	
		Massive decrease	5	
Ind_16	Have you Ever Used your Land as Collateral to Secure a Loan?			long
		No	1	
		Yes	2	
Ind_17	What Was the Amount of the Loan?	Open ended		double
Ind_18	Who Was the Lender?			long
		Bank	1	
		Credit Union	2	
		Private individual/Money lender	3	
		Government agency	4	
		NGO/Development Project	5	
		Family, friend or relative	6	
		Cooperative Trader/trade store	7	
		Other	8	
Ind_18_oth	Specify Other Lender	Open ended		String
num_plots	How many Farm Land Do your Household Own?	Open ended		double
more_plot	Do you Intend to Have Another Plot?			long
		No	1	
		Yes	2	
more_plot_explain	Please Explain Why you Intend or not to Have an Additional Plot	Open ended		String

PARCEL INFORMATION

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
num_plots	How many Farm Land Do your Household Own?	Open ended		double
Ind_mes	How is Land Measured in this Region?			long

		Acres	1	
		Hectares	2	
		Other → Please specify	3	
Ind_mes_1	Please Specify if Response to Land Measurement is Other and Provide Conversion F	Open ended		String
plot_name	Please Name the MAIN Plot for Easy Identification	Open ended		String
plot_area	What is the Area of (plot_name) in Ha?	Open ended		double
begin_year	What Year Did you First Begin to Use/Received Possession of plot_name?	Open ended		String
land_acquire	How Did you Acquire plot_name?			long
		Ceded by traditional authorities	1	
		Ceded by the government	2	
		Ceded by relatives	3	
		Rented	4	
		Borrowed	5	
		Occupied	6	
		Purchased	7	
		Inherited	8	
		Others	9	
time_plot_home	How Long Does it Take to Get to this Plot (plot_name) from your House by you	Open ended		double
soil_type	What is the MAIN Soil Type on (plot_name)?			long
		Clay	1	
		Loam	2	
		Sand	3	
		Silt	4	
signs_good_plot1	What Signs Told you that this is a Good Plot for Farming?[Soil Color (Dark)]	Open ended		double
signs_good_plot2	What Signs Told you that this is a Good Plot for Farming?[Soil Texture (Sandy, C	Open ended		double
signs_good_plot3	What Signs Told you that this is a Good Plot for Farming?[Many Trees]	Open ended		double
signs_good_plot4	What Signs Told you that this is a Good Plot for Farming?[Different Trees]	Open ended		double
signs_good_plot5	What Signs Told you that this is a Good Plot for Farming?[Specific Plants]	Open ended		double
signs_good_plot6	What Signs Told you that this is a Good Plot for Farming?[My Ancestors Told Me]	Open ended		double
signs_good_plot96	What Signs Told you that this is a Good Plot for Farming?[Others Specify]	Open ended		double
signs_good_plot_oth	Specify Other	Open ended		String
plot_problem1	Do you Experience Problems with any of the Following Conditions on plot_name	Open ended		double

plot_problem2	Do you Experience Problems with any of the Following Conditions on plot_name	Open ended	double
plot_problem3	Do you Experience Problems with any of the Following Conditions on plot_name	Open ended	double
plot_problem4	Do you Experience Problems with any of the Following Conditions on plot_name	Open ended	double
plot_problem5	Do you Experience Problems with any of the Following Conditions on plot_name	Open ended	double
plot_problem6	Do you Experience Problems with any of the Following Conditions on plot_name	Open ended	double
plot_problem96	Do you Experience Problems with any of the Following Conditions on plot_name	Open ended	double
plot_problem_other	Specify Other	Open ended	String
if_soilwater_cons1	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons2	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons3	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons4	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons5	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons6	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons7	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons9	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons10	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons11	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons12	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons13	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons14	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double
if_soilwater_cons15	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended	double

if_soilwater_cons96	Have you Made any of the Following Soil and Water Conservation Improvements on t	Open ended		double
if_soilwater_conservation_ot her	Specify Other	Open ended		String
trees_onfarm	Do you Have any Trees on plot_name			long
		No	1	
		Yes	2	
why_trees1	Why Do you Keep These Trees on the Farm?[Shade]	Open ended		double
why_trees2	Why Do you Keep These Trees on the Farm?[Soil Improvement]	Open ended		double
why_trees3	Why Do you Keep These Trees on the Farm?[Lack of Man Power]	Open ended		double
why_trees4	Why Do you Keep These Trees on the Farm?[Lack of Finance to Hire Sewing Machines	Open ended		double
why_trees5	Why Do you Keep These Trees on the Farm?[NGO Support Me]	Open ended		double
why_trees96	Why Do you Keep These Trees on the Farm?[Others Specify]	Open ended		double
why_trees_oth	Specify Other	Open ended		String

SECTION 4: CROP PRODUCTION

CROP PRODUCTION

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_cropid	ld in r_crop			long
		OTHER SPECIFY	1	-
		BEANS/COWPEA	2	
		CASSAVA	3	
		COCOYAM	4	
		COTTON	5	
		GROUND NUT/PEANUTS	6	
		GUINEA CORN/SORGHUM	7	
		MAIZE	8	
		MELON/EGUSI	9	
		MILLET/MAIWA	10	
		RICE	11	
		WHITE YAM	12	
		YELLOW YAM	13	
		WATER YAM	14	
		THREE LEAVE YAM	15	
		ACHA	16	
		BAMBARA NUT	17	
		BEENI-SEED/SESAME	18	
		CARROT	19	
		CUCUMBER	20	
		CABBAGE	21	
		LETUS	22	
		GARDEN EGG	23	
		GARLIC	24	
		GINGER	25	
		OKRO	26	
		ONION	27	
		SWEET/BELL PEPPER (TATASHE)	28	
		SMALL PEPPER (RODO)	29	
		PIGEON PEA	30	
		IRISH POTATO	31	
		SWEET POTATO	32	
		PUMPKIN	33	
		GREEN VEGETABLE	34	
		SOYA BEANS	35	
		SUGAR CANE	36	
		TOBACCO	37	
		ΤΟΜΑΤΟ	38	
		WHEAT	39	
		ZOBO	40	
		APPLE	41	
		CASHEW	42	
		CHILLI PEPPER (SHOMBO)	43	
		COCOA	44	
		COCONUT	45	

		COFFE	46	
		GRAPE FRUIT	47	
		GUAVA	48	
		KOLANUT	49	
		LEMON	50	
		LIME	51	
		MANDARIN/TANGERINE	52	
		MANGO	53	
		ORANGE	55	
		OIL PALM TREE	55	
		AGBONO(ORO SEED)	56	
		OIL BEAN	57	
		PAWPAW	58	
		PEAR	59	
		AVOCADO PEAR	60	
		RUBBER	61	
		OTHER(SPECIFY)	62	
		BANANA	63	
		PINEAPPLE	64	
		PLANTAIN	65	
		SORGHUM	66	
		TEA	67	
		WALNUT	68	
crop_area	Approximately How Much Land (in	WALNOT	00	long
crop_area	Ind_mes) Did you Allocate to the			iong
	Cultivation			
		Refused to answer	1	
		I don't Know	2	
		1e-04	3	
		2e-04	4	
		8e-04	5	
		9e-04	6	
		0.001	7	
		0.0013	8	
		0.0015	9	
		0.002	10	
		0.003	11	
		0.0035	12	
		0.004	13	
		0.005	14	
		0.006	15	
		0.0067	16	
		0.01	17	
		0.016	18	
		0.02	19	
		0.03	20	
		0.05	21	
		0.1	22	
		0.16	23	
		0.2	24	
		0.36	25	
		0.4	26	
		0.5	27	
		1	28	
		1.11	29	
		1.5	30	
		2	31	
		2.5	32	

		3	33	
		4	34	
		5	35	
		6	36	
		7	37	
		7.8	38	
		8	39	
		9	40	
		12.5	41	
		15	42	
		16	43	
		27	44	
		140	45	
		200	46	
		300	47	
		500	48	
ср06	Wasrostertitle Mixed Cropped?			long
		No	1	
anan harraat		Yes	2	less -
crop_harvest	Has therostertitle Been Harvested?			long
	narvesteu :	No	1	
		Yes	2	
crop_output	How Much ofrostertitle Was	Open ended	-	double
or ob_output	Harvested?	openenaea		
crop_unit	In What Unit Was the Harvest of rostertitle Measured?			long
		Grams	1	
		Kilograms	2	
		Liters	3	
		Numbers	4	
		Basins	5	
		2kg packet	6	
		10kg bag	7	
		25kg bag	8	
		50 kg bag	9	
		100 kg bag	10	
		Crates	11	
		Bunches	12	
		Gorogoro	13	
		Debe	14	
		Wheelbarrow	15	
		Bale / Bundle	16 17	
		Tonnes Canter	17 18	
		Packet (e.g salt, cigarattes)	18 19	
		Tins (eg milk tins)	20	
		No harvest yet or No	20	
		harvest		
		Other (please specify)	22	
crop_unit_1	Please Specify if Unit of Measurement forrostertitle is "Other"	Open ended		String
crop_sale	Did you Sell or Exchange (Barter) Part ofrostertitle?			long
		No	1	
		Yes	2	
crop_saleamt	How Much ofrostertitle Was Sold?	Open ended		double
crop_slunits	Units of Measurement for rostertitle Sold			long

		Grams	1	
		Kilograms	2	
		Liters	3	
		Numbers	4	
		Basins	5	
		2kg packet	6	
		10kg bag	7	
		25kg bag	8	
		50 kg bag	9	
		100 kg bag	10	
		Crates	11	
		Bunches	12	
		Gorogoro	13	
		Debe	14	
		Wheelbarrow	15	
		Bale / Bundle	16	
		Tonnes	17	
		Canter Packet (e.g.salt_cigarattes)	18 19	
		Packet (e.g salt, cigarattes) Tins (eg milk tins)	20	
		No harvest yet or No	20	
		harvest	21	
		Other (please specify)	22	
crop_slunits_1	Please Specify Unit of Measurement of	Open ended		String
crop_price	rostertitle Sold if Others What Was the Price per Unit of	Open ended		double
0.00_0.00	rostertitleat Sale incurrency?	openenaea		
crop_buyer1	To whom did you MAINLY sell the produce?[Direct buyers, open-air market]			long
		No	1	
		Yes	2	
crop_buyer2	To whom did you MAINLY sell the produce?[Brokers, middlemen, traders]			long
		No	1	
		Yes	2	
crop_buyer3	To whom did you MAINLY sell the produce?[Cooperatives, farmers associations, gro			long
		No	1	
		Yes	2	
crop_buyer4	To whom did you MAINLY sell the produce?[Large-scale/commercial farmers]			long
		No	1	
		Yes	2	
crop_buyer5	To whom did you MAINLY sell the produce?[Lodges, hostels, restaurants, tourist e			long
		No	1	
		Yes	2	
crop_buyer6	To whom did you MAINLY sell the produce?[Government]			long
		No	1	
		Yes	2	
crop_buyer96	To whom did you MAINLY sell the produce?[Other Please specify]			long
		No	1	
		Yes	2	

crop_buyer_oth	Specify Other Buyer Type of the			long
	Produce			10118
		No	1	
		Yes	2	
crop_buyer_where	In which Market Did you Sell the Produce?			long
		No	1	
		Yes	2	
crop_homecons	How Much ofrostertitle Was Consumed at Home?	Open ended		double
crop_clunits	Units of Measurement forrostertitle Consumed at Home			long
		Grams	1	
		Kilograms	2	
		Liters	3	
		Numbers	4	
		Basins	5	
		2kg packet	6	
		10kg bag	7	
		25kg bag	8	
		50 kg bag	9	
		100 kg bag	10	
		Crates	11	
		Bunches	12	
		Gorogoro	13	
		Debe	14	
		Wheelbarrow	15	
		Bale / Bundle	16	
		Tonnes	17	
		Canter	18	
		Packet (e.g salt, cigarattes)	19	
		Tins (eg milk tins)	20	
		No harvest yet or No	20	
		harvest	21	
		Other (please specify)	22	
crop_cunits_1	Please Specify Unit of Measurement of rostertitle Consumed if Others	Open ended		String
cp_stor	Do you Have any ofrostertitle's Harvest in Storage Now?			long
	narvest in storage now.	No	1	
		Yes	2	
cpamt	Amount ofrostertitle Currently in Storage			long
		Refused to answer	1	
		I don't know	2	
		0.5	3	
		1	4	
		2	5	
		3	6	
		4	7	
		5	8	
		6	9	
		9	10	
		10	11	
		75	12	
		200	13	
		250000	14	
cpunits2	Unit of Measurement ofrostertitle			long
	in Storage			

Grams	1	
Kilograms	2	
Liters	3	
Numbers	4	
Basins	5	
2kg packet	6	
10kg bag	7	
25kg bag	8	
50 kg bag	9	
100 kg bag	10	
Crates	11	
Bunches	12	
Gorogoro	13	
Debe	14	
Wheelbarrow	15	
Bale / Bundle	16	
Tonnes	17	
Canter	18	
Packet (e.g salt, cigarattes)	19	
Tins (eg milk tins)	20	
No harvest yet or No	21	
harvest		
Other (please specify)	22	
cpunits2_oth Please Specify Unit of Measurement of Open ended		String
<pre>rostertitle in Storage is Others</pre>		
crop_inkind_pay Amount ofrostertitle Given as Payment		long
Refused to answer	1	
I don't know	2	
0	3	
10	4	
30	5	
payment_unit Unit of Measurement ofrostertitle Given as Payment		long
Grams	1	
Kilograms		
Liters	2	
Numbers	2 3	
Basins		
	3	
2kg packet	3 4 5	
2kg packet 10kg bag	3 4	
10kg bag	3 4 5 6 7	
10kg bag 25kg bag	3 4 5 6 7 8	
10kg bag 25kg bag 50 kg bag	3 4 5 6 7 8 9	
10kg bag 25kg bag 50 kg bag 100 kg bag	3 4 5 6 7 8 9 10	
10kg bag 25kg bag 50 kg bag 100 kg bag Crates	3 4 5 6 7 8 9 10 11	
10kg bag25kg bag50 kg bag100 kg bagCratesBunches	3 4 5 6 7 8 9 10 11 12	
10kg bag25kg bag50 kg bag100 kg bagCratesBunchesGorogoro	3 4 5 6 7 8 9 10 11 12 13	
10kg bag25kg bag50 kg bag100 kg bagCratesBunchesGorogoroDebe	3 4 5 6 7 8 9 10 11 11 12 13 14	
10kg bag25kg bag25kg bag50 kg bag100 kg bag100 kg bagCratesBunchesGorogoroDebeWheelbarrow	3 4 5 6 7 8 9 10 11 12 13 13 14 15	
10kg bag25kg bag25kg bag50 kg bag100 kg bag100 kg bagCratesBunchesGorogoroDebeWheelbarrowBale / Bundle	3 4 5 6 7 8 9 10 11 12 13 14 15 16	
10kg bag25kg bag25kg bag50 kg bag100 kg bag100 kg bagCratesBunchesBunchesGorogoroDebeWheelbarrowBale / BundleTonnes	3 4 5 6 7 8 9 10 11 12 13 14 13 14 15 16 17	
10kg bag25kg bag25kg bag50 kg bag100 kg bag100 kg bagCratesBunchesBunchesGorogoroDebeWheelbarrowBale / BundleTonnesCanter	3 4 5 6 7 8 9 10 11 12 13 13 14 15 16 17 18	
10kg bag25kg bag50 kg bag50 kg bag100 kg bag100 kg bagCratesBunchesGorogoroDebeWheelbarrowBale / BundleTonnesCanterPacket (e.g salt, cigarattes)	3 4 5 6 7 8 9 10 11 12 13 13 14 15 16 17 18 19	
10kg bag25kg bag50 kg bag50 kg bag100 kg bag100 kg bagCratesBunchesGorogoroDebeWheelbarrowBale / BundleTonnesCanterPacket (e.g salt, cigarattes)Tins (eg milk tins)	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	
10kg bag25kg bag50 kg bag100 kg bag100 kg bag100 kg bagCratesBunchesGorogoroDebeWheelbarrowBale / BundleTonnesCanterPacket (e.g salt, cigarattes)Tins (eg milk tins)No harvest yet or No harvest	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	
10kg bag25kg bag50 kg bag100 kg bag100 kg bag100 kg bagCratesBunchesGorogoroDebeWheelbarrowBale / BundleTonnesCanterPacket (e.g salt, cigarattes)Tins (eg milk tins)No harvest yet or No	3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	String

crop_gifts	Amount ofrostertitle Given as Gifts	Open ended		double
gift_unit	Unit of Measurement ofrostertitle Given as Gift			long
		Grams	1	
		Kilograms	2	
		Liters	3	
		Numbers	4	
		Basins	5	
		2kg packet	6	
		10kg bag	7	
		25kg bag	8	
		50 kg bag	9	
		100 kg bag	10	
		Crates	10	
		Bunches	12	
		Gorogoro	13	
		Debe	14	
		Wheelbarrow	15	
		Bale / Bundle	16	
		Tonnes	17	
		Canter	18	
		Packet (e.g salt, cigarattes)	19	
		Tins (eg milk tins)	20	
		No harvest yet or No harvest	21	
		Other (please specify)	22	
gift_unit_oth	Specify Unit if Unit of Measurement for Given as Gift is Others	Open ended		String
crop_oth_uses	Amount ofrostertitle Utilized for Other Uses			long
		Refused to answer	1	
		I don't know	2	
		0	3	
		1	4	
		150	5	
		200	6	
crop_ouse_oth	Please Specify Other Uses of	Open ended	U	String
ouses unit	rostertitle Harvest. Unit of Measurement ofrostertitle	open ended		long
ouses_unit	Other Uses			long
		Grams	1	
		Kilograms	2	
		Liters	3	
		Numbers	4	
		Basins	5	
		2kg packet	6	
		10kg bag	7	
		25kg bag	8	
		50 kg bag	9	
		100 kg bag	10	
		Crates	11	
		Bunches	12	
		Gorogoro	13	
		Debe	14	
		Wheelbarrow	15	
		Bale / Bundle	16	
		Tonnes	17	
		Canter	18	

		Packet (e.g salt, cigarattes)	19	
		Tins (eg milk tins)	20	
		No harvest yet or No harvest	21	
		Other (please specify)	22	
ouses_unit_oth	Specify Unit if Unit of Measurement for Other Uses is Others	Open ended		String
crp_irrig	Did you Irrigate your Crops?			long
		No	1	
		Yes	2	
irrig1	What is the MAIN Source of Irrigation?[Well/Borehole]	Open ended		double
irrig2	What is the MAIN Source of Irrigation?[River/ Stream]	Open ended		double
irrig3	What is the MAIN Source of Irrigation?[Public Water Service]	Open ended		double
irrig4	What is the MAIN Source of Irrigation?[Dam]	Open ended		double
irrig5	What is the MAIN Source of Irrigation?[Traditional Reservoir]	Open ended		double
irrig6	What is the MAIN Source of Irrigation?[Improved Reservoir (Plastic or Cement Sea	Open ended		double
irrig96	What is the MAIN Source of Irrigation?[Others, Specify]	Open ended		double
irrign888	What is the MAIN Source of Irrigation?[I Don't Know]	Open ended		double
irrign999	What is the MAIN Source of Irrigation?[Refused to Answer]	Open ended		double
irrig_others	Please Specify Other Source of Irrigation.	Open ended		String
irrig_method1	What is your Irrigation Method?[Drip Irrigation]			long
		No	1	
		Yes	2	
irrig_method2	What is your Irrigation Method?[Sprinkler Irrigation]			long
		No	1	
		Yes	2	
irrig_method3	What is your Irrigation Method?[Bucket/Hand Irrigation]			long
		No	1	
		Yes	2	
irrig_method4	What is your Irrigation Method?[Green Scheme/ Government Run Irrigation]			long
		No	1	
		Yes	2	
irrig_method96	What is your Irrigation Method?[Otherspecify:]			long
		No	1	
irrig_methodn888	What is your Irrigation Method?[I Don't Know]	Yes	2	long
		No	1	
		Yes	2	
irrig_methodn999	What is your Irrigation Method?[Refused to Answer]			long
		No	1	
		Yes	2	
seed	What Type of Seeds Were Used in the Cultivationrostertitle?			long

		No	1	
		Yes	2	
var_trait_11	What Feature Do you Like the Most from this Seed Type?[Grain Size and		2	long
	Shape (E.g	No	1	
		Yes	2	
var_trait_12	What Feature Do you Like the Most from this Seed Type?[Plant Height]	163	2	long
		No	1	
		Yes	2	
var_trait_13	What Feature Do you Like the Most from this Seed Type?[Early Maturity or Shorter			long
		No	1	
		Yes	2	
var_trait_14	What Feature Do you Like the Most from this Seed Type?[Long Shelf/Storage Life]			long
		No	1	
		Yes	2	
var_trait_15	What Feature Do you Like the Most from this Seed Type?[High Yield]			long
		No	1	
		Yes	2	
var_trait_16	What Feature Do you Like the Most from this Seed Type?[Disease Resistance]			long
		No	1	
		Yes	2	
var_trait_17	What Feature Do you Like the Most from this Seed Type?[Pest Resistance]			long
		No	1	
var_trait_18	What Feature Do you Like the Most from this Seed Type?[Drought Tolerance]	Yes	2	long
		No	1	
		Yes	2	
var_trait_19	What Feature Do you Like the Most from this Seed Type?[Resistance to Other Harsh			long
		No	1	
		Yes	2	
var_trait_110	What Feature Do you Like the Most from this Seed Type?[High Milling Recovery]			long
		No	1	
		Yes	2	
var_trait_111	What Feature Do you Like the Most from this Seed Type?[Good Taste, Flavour]			long
		No	1	
		Yes	2	
var_trait_112	What Feature Do you Like the Most from this Seed Type?[High Nutritional Value]			long
		No	1	
		Yes	2	

var_trait_113	What Feature Do you Like the Most			long
	from this Seed Type?[High Cooking Quality (E.g			
		No	1	
		Yes	2	
var_trait_114	What Feature Do you Like the Most from this Seed Type?[Good for Making Value Pro			long
		No	1	
		Yes	2	
var_trait_115	What Feature Do you Like the Most from this Seed Type?[Use of less Water for Coo			long
		No	1	
		Yes	2	
var_trait_116	What Feature Do you Like the Most from this Seed Type?[Shorter Cooking Time]			long
		No	1	
		Yes	2	
var_trait_117	What Feature Do you Like the Most from this Seed Type?[Easy to Sell / High Marke			long
		No	1	
		Yes	2	
var_trait_118	What Feature Do you Like the Most from this Seed Type?[High Price in Market]			long
		No	1	
		Yes	2	
var_trait_119	What Feature Do you Like the Most from this Seed Type?[Requires few or Non-Costl			long
		No	1	
		Yes	2	
var_trait_120	What Feature Do you Like the Most from this Seed Type?[Suitability to Lands and			long
		No	1	
		Yes	2	
var_trait_196	What Feature Do you Like the Most from this Seed Type?[Other, Specify]	N	4	long
		No	1	
var_trait_1_other	[var_trait_1_other] Speify Other	Yes	2	long
		No	1	IUIIg
		Yes	2	
seed_source_1	What Was your MAIN Seed Source?	•	_	long
	,	No	1	- 0
		Yes	2	
seed_source_oth_1	Please Specify Other Seed Source			long
		No	1	
		Yes	2	
seed_amt_1	Total Seed ofrostertitle Used			long
		No	1	
		Yes	2	
seed_amtunits	Units of Measurement for rostertitle Seed Sold			long
		No	1	
		Yes	2	

seed_amtunits_oth	Specify if Seed Amount Unit is Others			long
		No	1	
		Yes	2	
seed_price_1	What Was the Price Paid in the Last Purchase per Unit Specified?			long
		No	1	
		Yes	2	
ср07	Did you Apply any Organic Fertilizer (Manure) in the Cultivation of rostertitl			long
		No	1	
		Yes	2	
cp08	Did you Apply any Inorganic Fertilizer in the Cultivation ofrostertitle?			long
		No	1	
		Yes	2	
cp09	Did you Apply any Pesticide in the Cultivation ofrostertitle?			long
		No	1	
		Yes	2	
cp11	Did you Use a Tractor to Plough your Land in the Cultivation of rostertitle?			long
		No	1	
		Yes	2	

EXPENDITURE ON CROP PRODUCTION

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
crp_ip1_exp	Approximate Amount of Money Spent on Seeds and Seedlings in Last 12 Months?	Open ended		double
crp_ip3_exp	Approximate Amount of Money Spent on Fertilizers/Manure in Last 12 Months?	Open ended		double
crp_ip5_exp	Approximate Amount of Money Spent on Pesticides in Last 12 Months?	Open ended		double
crp_ip6_exp	Approximate Amount of Money Spent on Machinery (E.g. Tractors) in Last 12 Months	Open ended		double
crp_ip7_exp	Approximate Amount of Money Spent on Hired Labour in Last 12 Months?	Open ended		double
crp_ip8_exp	Approximate Amount of Money Spent on Renting Land in Last 12 Months?	Open ended		double
crp_ip9_exp	Approximate Amount of Money Spent on Transport for Inputs and Produce to and fro	Open ended		double
crp_ip10_exp	Approximate Amount of Money Spent on Other Inputs in Last 12 Months?	Open ended		double

MARKET ACCESS

Variable Name	Variable Label	Answer Label	Answer	Variable
			Code	Туре

markt_output_dist Output Market (in Km)? markt_input_dist how Far is your House to the Nearest input Market (in Km)? markt_buyerOpen endeddouble open endedmarkt_buyerIn which Markets Do you Normally Sell your Produce?Imarket market market market in this vilage Rural market in the neighbouring vilage Urban market inthis vilage1markt_buyer_othSpecify, Other Copen endedDirect individuals not in a market market in this or other region Others [] Specify1markt_buyer_othSpecify, Other Copen endedOpen endedString market market market (town) in others [] Specifymarkt_buyer_othSpecify, Other Copen other region others [] Specify0Imarket market market market market market (town) in market market in this or other region others [] Specify1markt_buyer_othSpecify, Other Company to Sell to Them your Produce?No1markt_buyer_othSpecify, Other Company to Sell to Them your Produce?No1markt_buyer_othSpecify, Other Company to Sell to Them your Produce?No1markt_buye1Which crop has been contracted? Target (Subsidized Support [Seeds]No1markt_buye_2For What Types of Inputs Did you Receive Support?[Seeds]No1markt_buye_2For What Types of Inputs Did you Receive Support?[Gero-Chemicals]No1markt_buye_3For What Types of Inputs Did you Receive Support?[Gero-Chemicals]No1markt_buye_4For What Types of Inputs Did yo					
Line Output Market (in Km)? Gene ended double inv which Markets Do you Normally Sell your Produce? Direct individuals not in a market Market in this village 1 market_buyer in which Markets Do you Normally Sell your Produce? Direct individuals not in a market Market in this village 1 market_buyer in which Markets Do you Normally Sell your Produce? Direct individuals not in a market Market in this village 1 market in which Markets Do you Normally Sell your Produce? Direct individuals not in a market Market in this or other region 1 market_buyer_oth Specify, Other Open ended Specify this region 1 Specify this region	interviewkey	•			-
input Market[n km]?input Market[n km]?longmarkt_buyerinput Market[n km]?longyour Produce?Direct individuals not in a market1Market in this vilage2Rural market in the neighbouring vilage3Market in this vilage2Market in this vilage3Urban market (town) in other region4Urban market (town) in other region4market buyer_othSpecify, OtherOpen endedTorp_contractSpecify, OtherOpen ended5roop_contractMarket in this vilage2market buyer_othSpecify, OtherOpen ended5company to Sell to Them your Produce?No1Produce?No11contract_cropWhich crop has been contracted?Open ended1input _access_subidy tor Agricultural inputs (Subsidized Support for Agricultural inputs (Subsidized Support?11subsidy_type_1For What Types of Inputs Did you Receive Support?[fertilizer]No11subsidy_type_3For What Types of Inputs Did you Receive Support?[fertilizer]No11subsidy_type_4For What Types of Inputs Did you Receive Support?[fertilizer]No11subsidy_type_4For What Types of Inputs Did you Receive Support?[fertilizer]No11subsidy_supplier_1Who Supported you with Subsidized Agricultural Inputs?[Government]No11ves211<	markt_output_dist		Open ended		double
markt_buyerin which Markets Do you Normally SellImageImageyour Produce?Direct individuals not in a market11Market in this village22meighbouring villageneighbouring village1neighbouring village11Large city market in this or neighbouring village51markt_buyer_othSpecify, OtherOpen ended5markt_buyer_othSpecify, OtherOpen ended1markt_buyer_othSpecify, OtherOpen ended1Me you Been Contracted by any they you Been Contracted by any 	markt_input_dist		Open ended		double
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Rural market in the neighbouring village 3 Urban market (town) in this region 4 urban market (town) in this region 4 market tim this or other region 5 market town in this region 6 market town in this region 1 market town in this region 1 subsidy_type_1 For What Types of Inputs Did you Receive Support?[fertilizer] N				1	
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subsidy_type_2 Subsidy_type_2 Subsidy_type_3 Solution Subsidy_type_3 Solution Soluti			No	1	
Receive Support?[Fertilizer] No 1 Yes 2 subsidy_type_3 For What Types of Inputs Did you Receive Support?[Agro-Chemicals] No 1 No 1 Yes 2 subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] No 1 subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] No 1 subsidy_supplier_1 Who Supported you with Subsidized Agricultural Inputs?[Government] No 1 subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1 No 1 Yes 2 1 No 1 Yes 2 1 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1 No 1 Yes 2 1 No 1 No 1			Yes	2	
Yes 2 subsidy_type_3 For What Types of Inputs Did you Receive Support?[Agro-Chemicals] No 1 No 1 Iong subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] No 1 Subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] No 1 Subsidy_supplier_1 Who Supported you with Subsidized Agricultural Inputs?[Government] No 1 Subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Inputs?[Agricultural Company] No 1 No 1 Iong 1 Yes 2 Iong 1 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] Iong 1	subsidy_type2				long
subsidy_type_3 For What Types of Inputs Did you Receive Support?[Agro-Chemicals] No 1 I Instrument Subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] No 1 Instrument Subsidy_supplier_1 Who Supported you with Subsidized Agricultural Inputs?[Government] No 1 Instrument Subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Instrument Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Instrument Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Instrument Subsidized Agricultural Inputs?[Agricultural Inputs?			No	1	
Receive Support?[Agro-Chemicals] No 1 Yes 2 subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] Iong No 1 Yes 2 subsidy_supplier_1 Who Supported you with Subsidized Agricultural Inputs?[Government] No 1 No 1 No 1 Subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1 No 1 No 1 No Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1			Yes	2	
Yes 2 subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] Iong No 1 Yes 2 subsidy_supplier_1 Who Supported you with Subsidized Agricultural Inputs?[Government] Iong No 1 1 Yes 2 Iong subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1	subsidy_type3	·· · · ·			long
subsidy_type_4 For What Types of Inputs Did you Receive Support?[Interest Free Loan] No Prese Prove Pr			No		
Receive Support?[Interest Free Loan] No 1 Yes 2 subsidy_supplier_1 Who Supported you with Subsidized Agricultural Inputs?[Government] Iong No 1 Yes 2 subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] Iong Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1 No 1 Iong Iong No 1 Iong Iong Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1			Yes	2	
Yes2subsidy_supplier1Who Supported you with Subsidized Agricultural Inputs?[Government]No1No1Yes2subsidy_supplier_2Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO]No1Yes2IongSubsidy_supplier_3Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company]IongNo1Yes2Subsidy_supplier_3Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company]No1	subsidy_type4				long
subsidy_supplier_1 Who Supported you with Subsidized Agricultural Inputs?[Government] No 1 Yes 2 Subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Yes 2 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1					
Agricultural Inputs?[Government] No 1 Yes 2 subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] Iong No 1 Yes 2 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Inputs?] No 1 Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1			Yes	2	
Yes 2 subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] Iong No 1 Yes 2 subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] Iong No 1	subsidy_supplier1				long
subsidy_supplier_2 Who Supported you with Subsidized Agricultural Inputs?[Donor Project/NGO] No 1 Yes 2 subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] No 1			No		
Agricultural Inputs?[Donor Project/NGO] No 1 Yes 2 subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] Iong No 1			Yes	2	
Subsidy_supplier_3 Who Supported you with Subsidized Agricultural Inputs?[Agricultural Company] Iong No 1	subsidy_supplier2	Agricultural Inputs?[Donor			long
subsidy_supplier3 Who Supported you with Subsidized long Agricultural Inputs?[Agricultural Company] No 1			No	1	
Agricultural Inputs?[Agricultural Company] No 1			Yes	2	
	subsidy_supplier3	Agricultural Inputs?[Agricultural			long
Yes 2			No	1	
			Yes	2	

subsidy_supplier96	Who Supported you with Subsidized Agricultural Inputs?[Others Specify]			long
		No	1	
		Yes	2	
subsidy_suppliern88 8	Who Supported you with Subsidized Agricultural Inputs?[I Don't Know]			long
		No	1	
		Yes	2	
subsidy_suppliern99 9	Who Supported you with Subsidized Agricultural Inputs?[Refused to Answer]			long
		No	1	
		Yes	2	
subsidy_supplier_oth	Specify Other			long
		No	1	
		Yes	2	

SECTION 5: LIVESTOCK OWNERSHIP

OWNERSHIP

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_livestockid	ld in r_livestock			long
		Bulls/Oxen/Steers	1	
		Cows/Heifers	2	
		Calves - Males/Females	3	
		Goats - He/She/Kids	4	
		Sheep - Rams/Ewes/Lambs	5	
		Pigs - Boar/Sows/Piglets	6	
		Chicken - Cocks/Broilers	7	
		Chicken - Hens/Layers	8	
		Ducks	9	
		Guinea Fowls	10	
		Dove /Pigeon	11	
		Horses	12	
		Mules/Donkey	13	
		Insects (Bees/Crickets/Etc.)	14	
		Other→specify	15	
lv01	Number ofrostertitle Owned 12 Months Ago	Open ended		double
lv02	Number ofrostertitle Currently Owned	Open ended		double
lv03	Number ofrostertitle Sold (Including Slaughter for Sale and Barter)	Open ended		double
lv04	Number ofrostertitle Slaughtered for Own Use	Open ended		double
lv_inkind_pay	Number ofrostertitle Given as in- Kind Payment	Open ended		double
lv05	Number ofrostertitle Given as Gifts (Including Bridal Gifts)	Open ended		double
lv06	Number ofrostertitle Lost (Disease, Theft, Raid)	Open ended		double
lv07	Number ofrostertitle Lost to Wildlife Attacks	Open ended		double
lv08	Price perrostertitle Head Sold (Including Slaughter for Sale and Barter) in	Open ended		double

GRAZING PATTERNS AND SCHEMES

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
any_livestock	Did you or Anyone in your Household Own any Livestock in the Last 12 Months?			long
		No	1	

		Yes	2	
grazing_area1	Where Do the Household Mainly Graze the Livestock?[Within Vicinity of Own House			long
	of own nouse	No	1	
		Yes	2	
grazing_area2	Where Do the Household Mainly Graze the Livestock?[Within Village]			long
		No	1	
		Yes	2	
grazing_area3	Where Do the Household Mainly Graze the Livestock?[In Other Village Within the R			long
		No	1	
		Yes	2	
grazing_area4	Where Do the Household Mainly Graze the Livestock?[In Other Village Outside the			long
		No	1	
		Yes	2	
grazing_area5	Where Do the Household Mainly Graze the Livestock?[In Towns/Cities]			long
	,	No	1	
		Yes	2	
grazing_area96	Where Do the Household Mainly Graze the Livestock?[Others, Specify]			long
		No	1	
		Yes	2	
grazing_area_oth	Specify Other			long
		No	1	
		Yes	2	
grazing_dist	How Far is the Pasture Area Used for Grazing from Home (in Minutes)?	Open ended		double
grazing_days	How many Minutes Does it Take to Graze the Livestock, from when the Member Leave	Open ended		double
grazing_hour	In a Typical Day, How many Hours Does Grazing Take Place?	Open ended		double
grazing_ownership	What is the Ownership Status of the Pasture Area where you Graze Livestock?			long
		Refuse to answer	1	
		Don't know	2	
		State owned	3	
		Private owned with land title	4	
		Private owned with no land title	5	
		Leased/rented	6	
		Communally owned	7	
aroning charing	How mony Destandists of Destand	Co-share/ co-farming	8	امر ام
grazing_sharing	How many Pastoralists or Pastoralist Households Do you Think are Sharing the Sam	Open ended		double
grazing_permit	Do you Need Permit or License to Graze in the Area?			long
		No	1	
		Yes	2	

grazing_permit_price	In the Past 12 Months, What Was the Approximate Amount you Paid	Open ended		double
	for the Permit,			
grazing_years	How many Years Have you Been Grazing in that Area?	Open ended		double
grazing_area_before1	Ten Years Ago, where Do the Household Graze the Livestock?[Within Vicinity of Ow			long
		No	1	
		Yes	2	
grazing_area_before2	Ten Years Ago, where Do the Household Graze the Livestock?[Within Village]			long
		No	1	
		Yes	2	
grazing_area_before3	Ten Years Ago, where Do the Household Graze the Livestock?[In Other Village With			long
		No	1	
		Yes	2	
grazing_area_before4	Ten Years Ago, where Do the Household Graze the Livestock?[In Other Village Outs			long
		No	1	
		Yes	2	
grazing_area_before5	Ten Years Ago, where Do the Household Graze the Livestock?[In Towns/Cities]			long
		No	1	
		Yes	2	
grazing_area_before96	Ten Years Ago, where Do the Household Graze the Livestock?[Others, Specify]			long
		No	1	
		Yes	2	
grazing_dist_before	How Far is your Previous Grazing Area from Home (in Minutes)?	Open ended		double
grazing_cng_reason1	What are the 3 MAIN reasons why you changed your grazing area?[Limited or little			long
		No	1	
		Yes	2	
grazing_cng_reason2	What are the 3 MAIN reasons why you changed your grazing area?[Invasion of proso			long
	· · ·	No	1	
		Yes	2	
grazing_cng_reason3	What are the 3 MAIN reasons why you changed your grazing area?[Many other pastor			long
		No	1	
		Yes	2	
grazing_cng_reason4	What are the 3 MAIN reasons why you changed your grazing area?[Ethnic conflicts]			long
		No	1	
		Yes	2	

grazing_cng_reason5	What are the 3 MAIN reasons why you changed your grazing area?[Tensions or confl			long
		No	1	
		Yes	2	
grazing_cng_reason6	What are the 3 MAIN reasons why you changed your grazing area?[Livestock theft]			long
		No	1	
		Yes	2	
grazing_cng_reason7	What are the 3 MAIN reasons why you changed your grazing area?[Livestock raiding			long
		No	1	
		Yes	2	
grazing_cng_reason8	What are the 3 MAIN reasons why you changed your grazing area?[No water availabl			long
		No	1	
		Yes	2	
grazing_cng_reason9	What are the 3 MAIN reasons why you changed your grazing area?[Too far from my h			long
		No	1	
		Yes	2	
grazing_cng_reason10	What are the 3 MAIN reasons why you changed your grazing area?[Expensive permit/			long
		No	1	
		Yes	2	
grazing_cng_reason11	What are the 3 MAIN reasons why you changed your grazing area?[None]			long
		No	1	
		Yes	2	
grazing_cng_reason96	What are the 3 MAIN reasons why you changed your grazing area?[Other Please sp			long
		No	1	
		Yes	2	
grazing_change_reason_ot h	Specify Other Reason for Changing Grazing Area.	Open ended		String
grazing_challenges1	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges2	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges3	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	

grazing_challenges4	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
	-	No	1	
		Yes	2	
grazing_challenges5	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges6	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges7	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges8	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges9	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges10	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenges11	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
	-	No	1	
		Yes	2	
grazing_challenges96	With your current grazing area, what are the 3 MAIN challenges you are facing no			long
		No	1	
		Yes	2	
grazing_challenge_oth	Specify Other Challenge you are Facing with your Current Grazing Land.	Open ended		String

INCOME LIVESTOCK

Variable Name	Variable Label	Answer Label	Answer	Variable
			Code	Туре
interviewkey	Unique Interview Key	Open ended		String
any_livestock	Did you or Anyone in your Household Own any Livestock in the Last 12 Months?			long

		No	1	
		Yes	2	
liv_pdtsal	In the Last 12 Months, Did you Sell any Livestock Products (Meet, Milk, Sour Mil			long
		No	1	
		Yes	2	
which_liv_pdts1	Which of the Following Livestock Products Have you Sold?[Meat]			long
		No	1	
		Yes	2	
which_liv_pdts2	Which of the Following Livestock Products Have you Sold?[Milk]		-	long
		No	1	
		Yes	2	
which_liv_pdts3	Which of the Following Livestock Products Have you Sold?[Cheese]			long
		No	1	
which the set	Miliah of the Following Line is	Yes	2	less e
which_liv_pdts4	Which of the Following Livestock Products Have you Sold?[Yogurt]			long
		No	1	
		Yes	2	
which_liv_pdts5	Which of the Following Livestock Products Have you Sold?[Wool]			long
		No	1	
		Yes	2	
which_liv_pdts6	Which of the Following Livestock Products Have you Sold?[Honey and Beeswax]			long
		No	1	
		Yes	2	
which_liv_pdts7	Which of the Following Livestock Products Have you Sold?[Eggs]			long
		No	1	
		Yes	2	
which_liv_pdts96	Which of the Following Livestock Products Have you Sold?[Other_specify:]			long
		No	1	
		Yes	2	
which_liv_pdts_oth	Specify Other?			long
		No	1	
		Yes	2	
liv_buyer	To Whom Do you Mainly Sell the Livestock and Its Products?			long
		Direct buyers, open-air market	1	
		Brokers, middlemen, traders	2	
		Cooperatives, farmers associations, groups	3	
		Large-scale/commercial farmers	4	
		Lodges, hostels, restaurants, tourist enterprises	5	
		Government	6	

		Other → Please specify	7	
liv_buyer_oth	Specify Other Buyer Type of the Livestock and Products.	Open ended		String
liv_buyer_where	In which Market Did you Sell the Livestock and Products?			long
		Market in this village	1	
		Rural market in neighbouring other village	2	
		Urban market (town) in this region	3	
		Large city market in this or other region	4	
livmkt_dist	What is the Distance from your Home to the Nearest Livestock Market (in Km)?	Open ended		double
liv_pdt_inc	What Was the Total Income Earned from Livestock Products in the Last 12 Months?	Open ended		double
liv_contract	Have you Been Contracted by any Company to Supply Them with Livestock?			long
		No	1	
		Yes	2	

EXPENDITURE LIVESTOCK

Variable Name	Variable Label	Answer Label	Answer	Variable
			Code	Туре
interviewkey	Unique Interview Key	Open ended		String
any_livestock	Did you or Anyone in your Household Own any Livestock in the Last 12 Months?			long
		No	1	
		Yes	2	
lvexp01_11	Feed or Fodder	Open ended		double
lvexp02_12	Rent for Grazing Land	Open ended		double
lvexp03_13	Medicines, Vaccination, Insemination and Other Vet Services	Open ended		double
lvexp04_14	Maintenance of Livestock's Shelter (Pens, Barns, Kraals Etc.)	Open ended		double
lvexp05_15	Hired Labour for Livestock Management	Open ended		double
lvexp06_16	Any Other Livestock Related Expense (E.g Salt)?	Open ended		String

SECTION 6: HOUSEHOLD ASSETS

HOUSING CONDITIONS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
h02	How many Separate Rooms Does the Household's House (Residence) Have?	Open ended		double
h03	What is the Major Construction Material of the Roof?			long
		Iron sheets	1	
		Tiles	2	
		Asbestos	3	
		Concrete	4	
		Tin	5	
		Thatched grass	6	
		Other → Please specify	7	
h03_oth	Please Specify if Roof Material is "Other"	Open ended	,	String
h04	What is the Major Construction Material of the External Wall?			long
		Grass	1	
		Mud with poles	2	
		Unburnt bricks with mud	3	
		Bricks with cement	4	
		Concrete	5	
		Wood	6	
		Tin/iron sheets/mabaati	7	
		Other → Please specify	8	
h04_oth	Please Specify if Wall Material is "Other"	Open ended		String
h05	What is the Major Material of the Floor?			long
		Sand	1	
		Smooth earth (soil)	2	
		Cement screed	3	
		Wood	4	
		Ceramic or other tiles	5	
		Other → Please specify	6	
h05_oth	Please Specify if Floor Material is "Other"	Open ended		String
h06	What is the MAIN Source of Water for Household Use?			long
		Piped water (house or public)	1	
		Protected (borehole protected well public taps rain water)	2	
		Unprotected source (well spring river lake tank truck)	3	
		Other, Specify	4	
h06_oth	Specify Other if Source of Water is Other	Open ended		String

h07	What Type of Toilet is Mainly Used by Household Members?			long
		Flush toilet	1	
		VIP latrine	2	
		Covered pit patrine with slab	3	
		Covered pit latrine without a slab	4	
		Uncovered pit latrine	5	
		Ecosan toilet	6	
		No facility/Bush/polythene	7	
		Other → Please specify	8	
h07_oth	Please Specify if Toilet Used is "Other"	Open ended		String

ACCESS TO ENERGY

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
h09	What is the MAIN Power Source of Electricity?			long
		Refused to answer	1	
		I don't know	2	
		household is connected to the electrical grid	3	
		household is connected to an off-grid solar system	4	
		own electricity generation: solar panel	5	
		own electricity generation: electric generator	6	
		NONE	7	
		Others → Specify	8	
h09_oth	Please Specify which Electricity Type is "Other"	Open ended		String
h09_11	What Do you Use the Electricity For?[Lighting]			long
		No	1	
		Yes	2	
h09_12	What Do you Use the Electricity For?[Heating and Cooling]			long
		No	1	
		Yes	2	
h09_13	What Do you Use the Electricity For?[Cooking]			long
		No	1	
		Yes	2	
h09_14	What Do you Use the Electricity For?[Charging Electronic Devices]			long
		No	1	
		Yes	2	
h09_15	What Do you Use the Electricity For?[Operating Appliances]			long
		No	1	
		Yes	2	

57

h09_16	What Do you Use the Electricity For?[Running a Home Entertainment System]			long
		No	1	
		Yes	2	
h09_196	What Do you Use the Electricity For?[Otherspecify]			long
		No	1	
		Yes	2	
h10	What Type of Energy Do you MAINLY Use for Cooking?			long
		Electric cookers	1	
		Gas (incl. biogas)	2	
		Charcoal	3	
		Firewood	4	
		Other biomass burning	5	
		Any other energy for cooking	6	
h10_1	Please Specify Other Energy for Cooking	Open ended		String
h11	What is the MAIN Energy Source that you Use for Lighting?			long
		Electricity	1	
		Solar	2	
		Gas (biogas)	3	
		Lamp oil	4	
		Candle	5	
		Firewood	6	
		Private generator	7	
		Torch	8	
		Any other energy for lighting	9	
h11_1	Please Specify Other Energy Source for Lighting is Other	Open ended		String

ASSETS

Variable Name	Variable Label	Answer Label	Answer	Variable
			Code	Туре
interviewkey	Unique Interview Key	Open ended		String
r_asset_ownid	Id in r_asset_own			long
		Simple Mobile Phone	1	
		Smart Phone	2	
		Motor vehicle	3	
		Motor Cycle /Scooter	4	
		Bicycle	5	
		Building	6	
		Electric Stove	7	
		Gas or Paraffin Stove	8	
		Microwave	9	
		Refrigerator	10	
		Freezer	11	
		Washing Machine	12	
		Radio	13	
		Television	14	

		Computer- laptop or desktop		
		Living room furniture set	16	
		Plastic chairs	17	
		Plough	18	
		Wheelbarrow	19	
		Boats	20	
		Farm tractor / machinery	21	
		Diesel / Hand pumps	22	
		Solar panel	23	
		Electric generator	24	
		Battery bank	25	
ha0_1	How manyrostertitle Does your Household Own?			long
		Refused to answer	1	
		I don't know	2	
		0	3	
		1	4	
		2	5	
		3	6	
		4	7	
		5	8	
		6	9	
		7	10	
		8	11	
		9	12	
		10	13	
		11	14	
		12	15	
		13	16	
		15	17	
		20	18	
		21	19	
		28	20	
		30	21	
		40	22	
		46	23	
		60	24	
h - 0 - 2		66 On an and ad	25	
ha0_2	Number ofrostertitle Owned Four Years Ago (in 2019)	Open ended		double
ha0_30	Who in your houshold owns (the majority of): [pid1]			long
		No	1	
		Yes	2	
ha0_31	Who in your houshold owns (the majority of): [pid2]			long
		No	1	
		Yes	2	
ha0_4	if you Wanted to Sell (One of) the rostertitle Today, How Much Would you Re			long
		Refused to answer	1	
		I don't know	2	

0	3
1	4
2	5
4	6
5	7
10	8
15	9
20	10
22	11
24	12
25	13
28	14
30	15
35	16
40	17
42	18
45	19
46	20
50	21
55	22
60	23
65	24
70	25
75	26
80	27
85	28
90	29
95	30
100	31
110	32
120	33
140	34
150	35
160	36
170	37
180	38
190	39
200	40
210	41
220	42
230	43
240	44
250	45
260	46
270	47
280	48
300	49
340	50
350	51
360	52
380	53
400	54
450	55
450	55

500	56
550	57
560	58
570	59
590	60
600	61
650	62
700	63
740	64
750	65
780	66
800	67
820	68
850	69
900	70
950	71
1000	72
1050	73
1100	74
1150	75
1200	76
1300	77
1400	78
1500	79
1600	80
1700	81
1800	82
1900	83
2000	84
2100	85
2200	86
2300	87
2400	88
2500	89
2600	90
2700	91
2800	92
2900	92 93
3000	94
3100	95
3200	96
3250	
	97
3500	98
3700	99
4000	100
4200	101
4300	102
4500	103
4800	104
5000	105
5500	106
6000	107
7000	108

7500	109
8000	110
8700	110
9000	112
10000	112
11000	114
12000	115
14000	116
15000	117
17000	118
18000	119
20000	120
22000	121
23000	122
24000	123
25000	124
26000	125
27000	126
28000	127
30000	128
31000	129
32000	130
33000	131
34000	132
35000	133
38000	134
40000	135
45000	136
50000	137
55000	138
59000	139
60000	140
65000	141
70000	142
75000	143
80000	144
85000	145
88000	146
90000	147
94000	148
95000	149
1e+05	150
120000	151
130000	152
150000	153
160000	154
170000	155
180000	156
2e+05	157
250000	158
280000	159
3e+05	160
4e+05	161

450000	162
5e+05	163
580000	164
6e+05	165
7e+05	166
8e+05	167
950000	168
1e+06	169
1500000	170
3e+06	171
4e+06	172
5e+06	173

INTERNET ACCESS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
access_internet	Do you Ever Go Online to Access the Internet or Worldwide Web?			long
		No	1	
		Yes	2	
internet_home	Does the Network Coverage in your Village Allow you to Access the Internet from			long
		No	1	
		Yes	2	
distance_internet	How Far Do you Need to Go to Connect to the Internet?			long
		100-500 m	1	
		501-1000 m	2	
		1001-1500 m	3	
		1501-2000 m	4	
		more than 2000 m	5	
inter_activity1	What Types of Online Activities Do you Engage in when using the Internet?[Email			long
		No	1	
		Yes	2	
inter_activity2	What Types of Online Activities Do you Engage in when using the Internet?[Read t			long
		No	1	
		Yes	2	
inter_activity3	What Types of Online Activities Do you Engage in when using the Internet?[Play G			long
		No	1	
		Yes	2	
inter_activity4	What Types of Online Activities Do you Engage in when using the Internet?[Watch			long
		No	1	
		Yes	2	

inter_activity5	What Types of Online Activities Do you Engage in when using the Internet?[Gather			long
		No	1	
		Yes	2	
inter_activity6	What Types of Online Activities Do you Engage in when using the Internet?[Access			long
		No	1	
		Yes	2	
inter_activity7	What Types of Online Activities Do you Engage in when using the Internet?[Gather			long
		No	1	
		Yes	2	
inter_activity8	What Types of Online Activities Do you Engage in when using the Internet?[Gather			long
		No	1	
		Yes	2	
inter_activity9	What Types of Online Activities Do you Engage in when using the Internet?[Pay Bi			long
		No	1	
		Yes	2	
inter_activity10	What Types of Online Activities Do you Engage in when using the Internet?[To Ope			long
		No	1	
		Yes	2	
inter_activity96	What Types of Online Activities Do you Engage in when using the Internet?[Other_			long
		No	1	
		Yes	2	
inter_activityn888	What Types of Online Activities Do you Engage in when using the Internet?[I Don'			long
		No	1	
		Yes	2	
inter_activityn999	What Types of Online Activities Do you Engage in when using the Internet?[Refuse			long
		No	1	
		Yes	2	
inter_activity_oth	Other Internet Activity			long
		No	1	
		Yes	2	
cost_internet	How Much Do you Pay Monthly to Access the Internet (incurrency)?	Open ended		double
internet_purpose1	For What Purpose(s) Does your Business Currently Utilize an Internet Connection?			long
		No	1	
		Yes	2	
internet_purpose2	For What Purpose(s) Does your Business Currently Utilize an Internet Connection?			long
		No	1	

internet_purpose_3 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? No 1 No 1 Yes 2 internet_purpose_4 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_4 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_5 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_5 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Iong internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? Io
Yes2internet_purpose_4For What Purpose(s) Does your Business Currently Utilize an Internet Connection?longNo1Yes2internet_purpose_5For What Purpose(s) Does your Business Currently Utilize an Internet Connection?longInternet_purpose_5For What Purpose(s) Does your Business Currently Utilize an Internet Connection?longInternet_purpose_6For What Purpose(s) Does your Business Currently Utilize an Internet Connection?long
internet_purpose_4 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long No 1 Yes 2 internet_purpose_5 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long internet_purpose_5 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long Internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long
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Yes 2 internet_purpose_5 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long No 1 Yes 2 internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long No 1
internet_purpose_5 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long No 1 Yes 2 internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long No 1 1
Business Currently Utilize an Internet Connection? No 1 Ves 2 internet_purpose_6 Business Currently Utilize an Internet Connection? For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long No 1 1
Yes 2 internet_purpose_6 For What Purpose(s) Does your Business Currently Utilize an Internet Connection? long No 1
internet_purpose_6 For What Purpose(s) Does your long Business Currently Utilize an Internet Connection? No 1
Business Currently Utilize an Internet Connection? No 1
internet_purpose_9 For What Purpose(s) Does your long 6 Business Currently Utilize an Internet Connection?
No 1
Yes 2
internet_purposenFor What Purpose(s) Does yourlong888Business Currently Utilize an Internet Connection?Iong
No 1
Yes 2
internet_purpose_nFor What Purpose(s) Does yourlong999Business Currently Utilize an Internet Connection?Iong
No 1
Yes 2
internet_purpose_ot Internet purpose: Other (specify) long
No 1
Yes 2

SECTION 7: HOUSEHOLD SHOCKS AND COPING

SHOCKS AND COPING

Variable Name	Variable Label	Answer Label	Answe r Code	Variabl e Type
interview key	Unique Interview Key	Open ended		String
r_shocksid	Shock type id	Open ended		double
r_shocks	During the last 12 months, was your household negatively affected by any of the			long
		Chronicor Severe Illnessor Accident of a Household Member	1	
		Death of a Household Member	2	
		Household Member Jailed	3	
		Fire on Property	4	
		Robbery/Burglary	5	
		Dwelling Damaged	6	
		Drought or Extended Period of No Rain	7	
		Floods	8	
		Crop Failure	9	
		Livestock Disease/Death	10	
		Livestock Theft(IncludingRaids)	11	
		Household Business Failure(Non- Agricultural)	12	
		Loss of Employment	13	
		Large Fall in Sale Prices for Cropsand or Livestock	14	
		Large Rise in Prices of Food	15	
		Large Rise in Prices of Agricultural Inputs(E.g.Agrochemicals,Machinery,HiredL abour)	16	
		Loss of Land	17	
		End of Regular Assistance(E.g.Pension,CashTransfer,Remitt ances)from Outside the Household	18	
		Ethnic or Clan Clashes	19	
		Other Shocks	20	
		Fallen Sick of COVID-19	21	
		Household Memeber Died of COVID-19	22	
		Other	23	
sh_1	How many Times Did rostertitle Happen in the Last 12 Months?	Open ended		double
sh_2	How Much Effect Did rostertitle Have on your Household?			long
		Very severe	1	
		Severe	2	
		Mild	3	
		Very mild	4	

sh_31	How Did your Household Cope with rostertitle?[Unconditional	Open ended		double
sh_32	Help from Relati How Did your Household Cope with rostertitle?[Unconditional	Open ended		double
	Help from Govern			
sh_33	How Did your Household Cope withrostertitle?[Reduced Food or Relied on less	Open ended		double
sh_34	How Did your Household Cope withrostertitle?[Changed Cropping Practices (Cr	Open ended		double
sh_35	How Did your Household Cope with rostertitle?[Household Member(s) Took on mo	Open ended		double
sh_36	How Did your Household Cope with rostertitle?[Household Member(s) Migrated]	Open ended		double
sh_37	How Did your Household Cope withrostertitle?[Relied on Savings]	Open ended		double
sh_38	How Did your Household Cope withrostertitle?[Received Insurance Pay Out]	Open ended		double
sh_39	How Did your Household Cope withrostertitle?[Obtained Credit (from Formal I	Open ended		double
sh_310	How Did your Household Cope withrostertitle?[Sold Household Assets]	Open ended		double
sh_311	How Did your Household Cope withrostertitle?[Sold Livestock]	Open ended		double
sh_312	How Did your Household Cope withrostertitle?[Migrated to Another Place]	Open ended		double
sh_313	How Did your Household Cope withrostertitle?[Reported the Case to Police/ A	Open ended		double
sh_314	How Did your Household Cope withrostertitle?[Did Nothing]	Open ended		double
sh_396	How Did your Household Cope withrostertitle?[Used Other Coping Strategies]	Open ended		double
sh_3_oth	Specify Other Coping Strategy	Open ended		String
sh_4	IfrostertitleOccurred Again, How Likely is it that your Household Would be			long
		Extremely likely	1	
		Very likely	2	
		Not very likely	3	
		Not at all likely	4	
sh_5	Ifrostertitle Occurres Again, How Likely is it that your Household Could Re			long
		Extremely likely	1	
		Very likely	2	

		Not very likely	3	
		Not at all likely	4	
sh_6	Ifrostertitle Were to Become more			long
	Frequent, How Likely is it that your H			
		Extremely likely	1	
		Very likely	2	
		Not very likely	3	
		Not at all likely	4	
sh_7	Please Think About the Last rostertitle that Affected your Household. Did yo	Open ended		double

SECTION 8: ASPIRATION, SOCIAL NETWORK

ASPIRATIONS AND ASPIRATION WEIGHTS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended	-	String
r_membersid	Member id	Open ended		double
as01	Number of Beans/Stones/Seeds/ Allocated to Occupation / Employment	Open ended		double
as02	Number of Beans/Stones/Seeds Allocated to Education (School Degrees)	Open ended		double
as03	Number of Beans/Stones/Seeds Allocated to Assets (Assets Here Incldue Things of	Open ended		double
as04	Number of Beans/Stones/Seeds Allocated to Social Status (to be Respected by Othe	Open ended		double
as05	Number of Beans/Stones/Seeds Allocated to Cash Income	Open ended		double
asst01	Evaluating your Household on this Ladder that Represents Social Status, where Do	Open ended		double
asst02	Where on the Social Status Ladder Do you Aspire your Household to be in 5 Years'	Open ended		double
asast01	Evaluating your Household on this Ladder Representing Asset Ownership, where Do	Open ended		double
asast02	Where on the Asset Ladder Do you Aspire your Household to be in 5 Years' Time?	Open ended		double
asp_livestock	Just Considering Livestock, where Do you Think your Household Currently Ranks in	Open ended		double
asp_livestock_future	Where on the Ladder Do you Aspire your Household's Livestock Ownership to be in	Open ended		double
asinc01	Assessing all Household Income Sources, How Much Income Do you Aspire to Earn pe	Open ended		double
asp_occup	What Kind of Occupation or Livelihood Do you Aspire to Do in 5 Years Time?			long
		Crop farming/cultivation	1	
		Fishing	2	
		Livestock keeping/raising	3	
		Both crop and livestock/fish farming	4	
		Agricultural wage labour (hired agricultural labour)	5	
		Self-employed agribusiness/agrienterprise	6	
		Self-employed non- agribusiness (wholesale/retail trade, etc.)	7	

etc.)

		Charcoal burning, production, and selling	8
		Factory worker/manufacturing jobs	9
		Construction labour	10
		Government	11
		officers/employees/ civil servant	
		Teacher/education	12
		Driver/transport	13
		Domestic/household	14
		helper	
		Other service sector jobs	15
		(worker in hotels, restaurants, shops, security	
		guards, etc.)	
		Retired/Pensioner	16
		Student	17
		None/No employment	18
ed01asp	What Level of Education Did your Father Achieve?		long
		No formal education	1
		Nursey/ Kindergarten/ECD	2
		Standard 1	3
		Standard 2	4
		Standard 3	5
		Standard 4	6
		Standard 5	7
		Standard 6	8
		Standard 7	9
		Form 1	10
		Form 2	11
		Form 3	12
		Form 4 Form 5	13 14
			14
		University level Post graduate university	15
		level	
		Adult Literacy	17
		Religious education	18
102		Other educational training	19
ed02asp	What Level of Education Did your Mother Achieve?		long
		No formal education	1
		Nursey/ Kindergarten/ECD Standard 1	2 3
		Standard 1 Standard 2	3
		Standard 3	5
		Standard 4	6
		Standard 5	7
		Standard 6	8
		Standard 7	9
		Form 1	10
		Form 2	11
		Form 3	12
		Form 4	13

		Form 5	14	
		University level	15	
		Post graduate university level	16	
		Adult Literacy	17	
		Religious education	18	
		Other educational training	19	
asp_achieve_confi	With your Aspirations Shared, How Confident are you that your Household can Achi			long
		Very unlikely	1	
		Unlikely	2	
		Maybe, maybe not	3	
		Likely	4	
		Very likely	5	
life_satisfaction	How Satisfied are you with your Life?			long
		Very dissatisfied	1	
		dissatisfied	2	
		Neither	3	
		Satisfied	4	
· •		Very satisfied	5	
aspire_cont_farm	Do you Aspire to Continue to Farm or Venture into Other Businesses or Combine Bo			long
		Continue to farming	1	
		Other non-agricultural business	2	
		Both	3	
		Not engaged in farming	4	
non_agri_ventures1	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Livestock T	Open ended		double
non_agri_ventures2	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Running Sma	Open ended		double
non_agri_ventures3	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Weaving Bas	Open ended		double
non_agri_ventures4	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Making Mats	Open ended		double
non_agri_ventures5	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Making Broo	Open ended		double
non_agri_ventures6	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Selling Cha	Open ended		double
non_agri_ventures7	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Gaming Hunt	Open ended		double
non_agri_ventures8	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Travel Agen	Open ended		double
non_agri_ventures9	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Tour Guide]	Open ended		double
non_agri_ventures1 0	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Running a C	Open ended		double

non_agri_ventures1 1	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Running a L	Open ended		double
non_agri_ventures9 6	What Type of Non-Agriculture Business Do you Aspire to Venture Into?[Other_spec	Open ended		double
non_agri_ventures_oth	Specify Other	Open ended		String
agri_crop_aspir	Which Crop Do you Consider your MAIN Staple Crop?	Open ended		double
yield_max	What is the Maximum Level of agri_crop_aspir Yield that One can Have in your	Open ended		double
yield_min	What is the Minimum Level of agri_crop_aspir Yield that One can Have in your	Open ended		double
yield_aspire	What is the Level of agri_crop_aspir Yield you Aspire to Get in 5 Years Time	Open ended		double
yield_aspir_opt1	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt2	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt3	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt4	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt5	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt6	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt7	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt8	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt96	Which of the Following Measures will you Most Likely Adopt to Achieve the Yield	Open ended		double
yield_aspir_opt_oth	Specify Other	Open ended		String
agri_loan_aspire	Does the Respondent Intend to Apply for Agricultural Credit(Loan)?			long
		No	1	
		Yes	2	
agri_loan_prps1	For which Purpose Do you Intend to Apply?[Obtain more Livestocks]	Open ended		double
agri_loan_prps2	For which Purpose Do you Intend to Apply?[Purchase Another Farmland]	Open ended		double
agri_loan_prps3	For which Purpose Do you Intend to Apply?[Obtain Modern Farm Equipment]	Open ended		double
agri_loan_prps4	For which Purpose Do you Intend to Apply?[Purchase Improve Seeds]	Open ended		double
agri_loan_prps5	For which Purpose Do you Intend to Apply?[Purchase Fertilizer]	Open ended		double

agri_loan_prps6	For which Purpose Do you Intend to Apply?[Purchase Organic Manure]	Open ended		double
agri_loan_prps7	For which Purpose Do you Intend to Apply?[Hire more Labour]	Open ended		double
agri_loan_prps96	For which Purpose Do you Intend to Apply?[Others]	Open ended		double
agri_loan_prpsn888	For which Purpose Do you Intend to Apply?[Refused to Answer]	Open ended		double
agri_loan_aspire_oth	Specify Other Purpose	Open ended		String
loan_purpose1	Suppose you were offered a loan, how will you mainly invest it?[Food expenditure			long
		No	1	
		Yes	2	
loan_purpose2	Suppose you were offered a loan, how will you mainly invest it?[Clothing and foo			long
		No	1	
		Yes	2	
loan_purpose3	Suppose you were offered a loan, how will you mainly invest it?[House furnishing			long
		No	1	
		Yes	2	
loan_purpose4	Suppose you were offered a loan, how will you mainly invest it?[Health and relat			long
		No	1	
		Yes	2	
loan_purpose5	Suppose you were offered a loan, how will you mainly invest it?[House expenses l			long
		No	1	
		Yes	2	
loan_purpose6	Suppose you were offered a loan, how will you mainly invest it?[Recreation and c			long
		No	1	
		Yes	2	
loan_purpose7	Suppose you were offered a loan, how will you mainly invest it?[Education of chi			long
		No	1	
		Yes	2	
loan_purpose8	Suppose you were offered a loan, how will you mainly invest it?[Repayment of oth			long
		No	1	
		Yes	2	
loan_purpose9	Suppose you were offered a loan, how will you mainly invest it?[Buying agricultu			long
		No	1	
		Yes	2	
loan_purpose10	Suppose you were offered a loan, how will you mainly invest it?[Hiring farm labo			long
		No	1	
		Yes	2	

loan_purpose11	Suppose you were offered a loan, how will you mainly invest it?[Buying/renting f			long
	. , ., .	No	1	
		Yes	2	
loan_purpose12	Suppose you were offered a loan, how will you mainly invest it?[Buying livestock			long
		No	1	
		Yes	2	
loan_purpose13	Suppose you were offered a loan, how will you mainly invest it?[Buying agricultu			long
		No	1	
		Yes	2	
loan_purpose14	Suppose you were offered a loan, how will you mainly invest it?[Buying residenti			long
		No	1	
		Yes	2	
loan_purpose15	Suppose you were offered a loan, how will you mainly invest it?[Establishing non			long
		No	1	
		Yes	2	
loan_purpose96	Suppose you were offered a loan, how will you mainly invest it?[Other Please s			long
		No	1	
		Yes	2	
loan_purpose_oth	Specify Other Purpose of Loan.			long
		No	1	
		Yes	2	
loan_amt_educ	How Much will you Borrow for Education of your Children?	Open ended		double
loan_amt_agri	How Much will you Borrow for Agricultural Purposes?	Open ended		double
loan_amt_nonfarm	How Much will you Borrow for Non- Farm Purposes?	Open ended		double
loan_amt_oth	How Much will you Borrow for Other Uses?	Open ended		double
agri_loan	Have you Received Agricultural Credit(Loan) in Last Past 5 Years?			long
		No	1	
		Yes	2	
agri_loan_lndr1	Who Was the Lender?[Bank]			long
		No	1	
		Yes	2	
agri_loan_lndr2	Who Was the Lender?[Credit Union]			long
		No	1	
		Yes	2	
agri_loan_lndr3	Who Was the Lender?[Private Individual]			long
		No	1	
		Yes	2	
agri_loan_Indr4	Who Was the Lender?[Government Agency]			long
		No	1	

		Yes	2	
agri_loan_lndr5	Who Was the Lender?[NGO]			long
		No	1	
		Yes	2	
agri_loan_lndr96	Who Was the Lender?[Others Specify]			long
		No	1	
		Yes	2	
agri_loan_lndrn888	Who Was the Lender?[I Don't Know]			long
		No	1	
		Yes	2	
agri_loan_lndrn999	Who Was the Lender?[Refused to Answer]			long
		No	1	
		Yes	2	
agri_loan_Indr_oth	Specify Other Leander			long
		No	1	
		Yes	2	
agri_loan_amt	How Much Credit(Loan) in Total Has the Respondent Received in the Last 5 Years?	Open ended		double

CHILDREN ASPIRATIONS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Member id	Open ended		double
r_childid	Child id	Open ended		double
ed03asp	What Level of Education Do you Aspire forrostertitle?			long
		No formal education	1	
		Nursey/ Kindergarten/ECD	2	
		Standard 1	3	
		Standard 2	4	
		Standard 3	5	
		Standard 4	6	
		Standard 5	7	
		Standard 6	8	
		Standard 7	9	
		Form 1	10	
		Form 2	11	
		Form 3	12	
		Form 4	13	
		Form 5	14	
		University level	15	
		Post graduate university level	16	
		Adult Literacy	17	
		Religious education	18	
		Other educational training	19	
asocp01	What Profession or Occupation Do you Aspire forrostertitle?	Open ended		String

youth_child_tofarm	How Likely Would you Encourage rostertitle Engage in Agriculture Farm or Ve			long
		Very unlikely	1	
		Unlikely	2	
		Maybe, maybe not	3	
		Likely	4	
		Very likely	5	

SOCIAL NETWORK

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_infuid	Infulential person's id	Open ended		double
as071	Which of the following functions applies to _rostertitle_?[government worker]			long
		No	1	
		Yes	2	
as072	Which of the following functions applies to _rostertitle_?[religious leader]			long
		No	1	
		Yes	2	
as073	Which of the following functions applies to _rostertitle_?[traditional/ cultural			long
		No	1	
		Yes	2	
as074	Which of the following functions applies to _rostertitle_?[Teacher or health wor			long
		No	1	
		Yes	2	
as075	Which of the following functions applies to _rostertitle_?[agricultural innovato			long
		No	1	
		Yes	2	
as076	Which of the following functions applies to _rostertitle_?[Friend]			long
		No	1	
		Yes	2	
as077	Which of the following functions applies to _rostertitle_?[relative]			long
		No	1	
		Yes	2	
as078	Which of the following functions applies to _rostertitle_?[NGO worker]			long
		No	1	
		Yes	2	
as079	Which of the following functions applies to _rostertitle_?[Neighbour]			long
		No	1	
		Yes	2	

as0796	Which of the following functions applies to _rostertitle_?[Other important role_			long
		No	1	
		Yes	2	
as07n88	Which of the following functions applies to _rostertitle_?[Dont know]			long
		No	1	
		Yes	2	
as07n99	Which of the following functions applies to _rostertitle_?[Refuse to answer]			long
		No	1	
		Yes	2	
as07_oth	Specify the Role that Applies to rostertitle			long
		No	1	
		Yes	2	
network_mostinf_ge nder	What is the Gender ofrostertitle ?			long
		Women	1	
		Men	2	
		Others	3	
network_eth_oth	Specify, Others	Open ended		String
network_mostinf_ag egrp	What isrostertitle's Age Group			long
		In their 20s	1	
		In their 30s	2	
		In their 40s	3	
		In their 50s	4	
		In their 60s	5	
		>70	6	
as08	On How many Days in the Last 30 Days Did you Have an Elaborate Conversion with _	Open ended		double
as09	On How many Days in the Last 30 Days Did you Talk About Either Agriculture or yo	Open ended		double

OTHER HOUSEHOLD SOCIAL NETWORK PROXIES

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
as10	Have you Lent Money to Anyone in the Last 12 Months?			long
		No	1	
		Yes	2	
as11	Have you Borrowed Money from Someone in the Last 12 Months?			long
		No	1	
		Yes	2	
as12	Do you or Other Current Household Member Have a Bank Account?			long
		No	1	
		Yes	2	

as13	Are you or any Other Current			long
	Household Member, a Member of a Saving and Lending			
	Saving and Lending	No	1	
		Yes	2	
as14	Out of your Total Income in the Last		_	long
	Month, Were you Able to Save any			
	Money?			
		No	1	
		Yes	2	
as15	Approximately, How Much of your	Open ended		double
	Income Were you Able to Save Last			
2016 1	Month? What is the Most Important Purpose			long
as161	for which you Save Money?[For			long
	Emergency Situa			
		No	1	
		Yes	2	
as162	What is the Most Important Purpose			long
	for which you Save Money?[Productive			U
	Investme			
		No	1	
		Yes	2	
as163	What is the Most Important Purpose			long
	for which you Save Money?[Productive			
	Investme	Na	1	
		No	1	
46 4		Yes	2	
as164	What is the Most Important Purpose for which you Save Money?[Purchase			long
	or Renting			
		No	1	
		Yes	2	
as165	What is the Most Important Purpose			long
	for which you Save Money?[Land			Ū.
	Improvement]			
		No	1	
		Yes	2	
as166	What is the Most Important Purpose			long
	for which you Save Money?[Marriage,			
	Other Cer	No	1	
		No Yes	1	
2616 7	What is the Mast Important Durnas	105	2	long
as167	What is the Most Important Purpose for which you Save			long
	Money?[Purchasing/Paying f			
		No	1	
		Yes	2	
as168	What is the Most Important Purpose			long
	for which you Save Money?[Pay for			Ū
	Schooling/T			
		No	1	
		Yes	2	
as169	What is the Most Important Purpose			long
	for which you Save Money?[Pay for			
	Migration /	No	1	
		Yes	2	

as1696	What is the Most Important Purpose for which you Save Money?[Otherspecify]			long
	Money: [other_specify]	No	1	
		Yes	2	
as16_oth	Specify Other			long
		No	1	- 0
		Yes	2	
as19	Do you Have a Mobile Money Account on which you Regularly Use for Savings & Othe			long
		No	1	
		Yes	2	
as17	Does this Household Belong to any Other Voluntary Associations in this Village?	N-	4	long
		No	1	
2010 1	Which Type of Acceptations Desc the	Yes	2	long
as181	Which Type of Associations Does the Household Belong To?[Farmers' Group]			long
		No	1	
		Yes	2	
as182	Which Type of Associations Does the Household Belong To?[Agriculture Cooperative			long
		No	1	
		Yes	2	
as183	Which Type of Associations Does the Household Belong To?[Water Users' Group]			long
		No	1	
		Yes	2	
as184	Which Type of Associations Does the Household Belong To?[Savings and Credit Asso			long
		No	1	
		Yes	2	
as185	Which Type of Associations Does the Household Belong To?[Religious Groups]			long
		No	1	
		Yes	2	
as186	Which Type of Associations Does the Household Belong To?[Self-Help Group]			long
		No	1	
		Yes	2	leve e
as187	Which Type of Associations Does the Household Belong To?[Women's Group]			long
		No	1	
		Yes	2	
as188	Which Type of Associations Does the Household Belong To?[Forest User's Group]			long
		No	1	
		Yes	2	

as189	Which Type of Associations Does the Household Belong To?[Funeral Association (Bu			long
		No	1	
		Yes	2	
as1810	Which Type of Associations Does the Household Belong To?[Sports Association]			long
		No	1	
		Yes	2	
as1811	Which Type of Associations Does the Household Belong To?[School or Health Center			long
		No	1	
		Yes	2	
as1896	Which Type of Associations Does the Household Belong To?[Other Voluntary Associa			long
		No	1	
		Yes	2	

SOCIAL EMBEDDEDNESS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
as_loc01_in	My Life's Course Depends on Me			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc02_in	Success is a Matter of Hard Work			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc03_in	Abilities are more Important than Effort			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc04_in	When I Make Plans, I Am Most Certain They will Work			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc05_in	I Am Usually Able to Protect Mine and My Community's Interests			long
		Strongly disagree	1	

		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc06_in	I can Shape My Future Positively.			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc07_in	My Friends and Family can Shape My Future Positively			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
1 00 i		Strongly agree	5	
as_loc08_in	The Traditional Authorities can Shape My Future Positively			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4 5	
as_loc09_in	The Central Government can Shape My Future Positively.	Strongly agree	5	long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc10_in	The Local Government can Shape My Future Positively			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc11_in	God can Shape My Future Positively	Ctropply discourse	1	long
		Strongly disagree Disagree	1	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc12_in	I Am Optimistic About My Future		-	long
	, , , , , , , , , , , , , , , , , , , ,	Strongly disagree	1	0
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc13_in	I Am Optimistic About My Family's Future			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	

		Agree	4	
		Strongly agree	5	
as_loc14_in	I Am Optimistic About My Community's Future			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc15_in	I Am Optimistic About My Country's Future			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
as_loc16_in	l Am Optimistic About Our World's Future			long
		Strongly disagree	1	
		Disagree	2	
		Indifferent (neither nor)	3	
		Agree	4	
		Strongly agree	5	
trst01	Level of Trust in the Health Care System to Meet Mine and My Households Health N			long
		strongly distrust	1	
		distrust	2	
		indifferent	3	
		trust	4	
		strongly trust	5	
trst02	Level of Trust in the Education System to Meet the Educational Needs of My Child			long
		strongly distrust	1	
		distrust	2	
		indifferent	3	
		trust	4	
		strongly trust	5	
trst03	Level of Trust in the Police and Judicial System			long
		strongly distrust	1	
		distrust	2	
		indifferent	3	
		trust	4	
		strongly trust	5	
trst04	Level of Trust in the Government (Central and Local) that it Has My and My Commu			long
		strongly distrust	1	
		distrust	2	
		indifferent	3	
		trust	4	
		strongly trust	5	
trst05	Level of Trust in the Traditional Leadership System			long

			4	
		strongly distrust	1	
		distrust	2	
		indifferent	3	
		trust	4	
aug. au 1. 01	Mours About Job Loop on Economia	strongly trust	5	lawa
exp_ev1_01	Worry About Job Loss or Economic Livelihoods			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_03	Worry About Serious Illness			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_05	Worry About Food Insecurity			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_06	Worry About Climate Change (Floods & Long Droughts)			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_07	Worry About Depletion of Natural Resources			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_11	Worry About Loss of Friendships & Social Networks			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_12	Worry About Loss of Cultural Traditions			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_13	Worry About Political Upheavals		-	long
		Not at all worried	1	
		Slightly worried	2	

		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_14	Worry About Clan/ Tribal Violence			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	
exp_ev1_15	Worry About Exclusion from Political- Decision Making			long
		Not at all worried	1	
		Slightly worried	2	
		Worried	3	
		Very worried	4	
		Extremely worried	5	

SECTION 9: FOOD SECURITY

FOOD INSECURITY EXPERIENCE SCALE

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
s9_respondent	Who is Responding for this Section	Open ended		double
food_security1	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
	· · · ·	No	1	
		Yes	2	
food_security2	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
		No	1	
		Yes	2	
food_security3	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
	,	No	1	
		Yes	2	
food_security4	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
	,	No	1	
		Yes	2	
food_security5	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
		No	1	
		Yes	2	
food_security6	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
		No	1	
		Yes	2	
food_security7	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
		No	1	
		Yes	2	
food_security8	During the Last 12 Months, Was There a Time When, Because of Lack of Money or Ot			long
		No	1	
		Yes	2	
food_sufficent	[food_sufficent] How many Months During the Past 12 Months,did your Housheold Ha	Open ended		double
food_sufficent2	[food_sufficent2] How many Months During the Past 12 Months, Did your Current Fo	Open ended		double

food_sufficent3	[food_sufficent3] How many Months During the Past 12 Months, Did your Household	Open ended	double
food_sufficent41	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent42	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent43	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent44	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent45	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent46	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent47	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent48	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent49	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent410	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent411	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double
food_sufficent412	[food_sufficent4] Which of the months your household experianced shortage of fo	Open ended	double

DIETARY DIVERSITY

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Member id	Open ended		double
food_special	Was Yesterday a Special Day for rostertitle in Terms of Food Consumption			long
		No	1	
		Yes	2	
food_groups1	In the Last 24 Hours, Didrostertitle Consume any[Cereals Such as Rice, Maiz			long
		No	1	
		Yes	2	
food_groups2	In the Last 24 Hours, Didrostertitle Consume any[White Roots and Tubers Suc			long

		No	1	
		Yes	2	
food_groups3	In the Last 24 Hours, Didrostertitle Consume any[Dark Green Leafy Vegetable			long
		No	1	
		Yes	2	
food_groups4	In the Last 24 Hours, Didrostertitle Consume any[Vitamin a Rich Fruits Such			long
		No	1	
		Yes	2	
food_groups5	In the Last 24 Hours, Didrostertitle Consume any[Other Vegetables (E.g. Tom			long
		No	1	
		Yes	2	
food_groups6	In the Last 24 Hours, Didrostertitle Consume any[Ripe Mango, Cantaloupe, Ap			long
		No	1	
		Yes	2	
food_groups7	In the Last 24 Hours, Didrostertitle Consume any[Other Fruits, Including Wi			long
		No	1	
		Yes	2	
food_groups8	In the Last 24 Hours, Didrostertitle Consume any[Liver, Kidney, Heart or Ot			long
		No	1	
		Yes	2	
food_groups9	In the Last 24 Hours, Didrostertitle Consume any[Beef, Pork, Lamb, Goat, Ra			long
		No	1	
		Yes	2	
food_groups10	In the Last 24 Hours, Didrostertitle Consume any[Eggs from Chicken, Duck, G			long
		No	1	
		Yes	2	
food_groups11	In the Last 24 Hours, Didrostertitle Consume any[Fresh or Dried Fish or She			long
		No	1	
		Yes	2	
food_groups12	In the Last 24 Hours, Didrostertitle Consume any[Dried Beans, Dried Peas, L			long
		No	1	
		Yes	2	
food_groups13	In the Last 24 Hours, Didrostertitle Consume any[Milk, Cheese, Yogurt or Ot			long
		No	1	
		Yes	2	
food_groups14	In the Last 24 Hours, Didrostertitle Consume any[Oil, Fats or Butter Added			long
		No	1	
		Yes	2	

food_groups15	In the Last 24 Hours, Didrostertitle Consume any[Sugar, Honey, Sweetened So			long
		No	1	
		Yes	2	
food_groups16	In the Last 24 Hours, Didrostertitle Consume any[Spices (Black Pepper, Salt			long
		No	1	
		Yes	2	

DIETARY DIVERSITY-7 DAY RECALL

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_food_indid	ld in r_food_ind			long
		Cereals- rice, maize, chapatti, wheat, sorghum, bread, etc	1	
		Roots and tubers- potato, sweet potato, cassava, arrow roots, cooking banana	2	
		Vegetables- spinach, pumpkin, cabbage, tomato, onion	3	
		Fruits- orange, mango, guava, rice paw paw/papaya, pineapple, etc	4	
		Meat, poultry, organ meat- goat, sheep, cow, chicken, liver, kidney, intestines	5	
		Eggs	6	
		Fish and seafood (dried or fresh)- sardines, dagaa/omena	7	
		Pulses, legumes, nuts, seeds	8	
		Milk and milk products- fresh, powdered, yogurt, cheese, etc	9	
		Oil/fats- oil, fat, butter, ghee, etc	10	
		Sugar and sweets- sugar, honey, sweets, desserts	11	
		Miscellaneous- tea, coffee, beverages, condiments, spices	12	
numdays_7d	How many Days in the Last 7 Days Was therostertitle Consumed?	Open ended		double
food_source_7d1	How Wasrostertitle Obtained/Sourced?[Own Production (Crops, Animals)]			long
		No	1	
		Yes	2	
food_source_7d2	How Wasrostertitle Obtained/Sourced?[Hunting, Fishing]			long
		No	1	

food_source_7d3	How Wasrostertitle Obtained/Sourced?[Gathering]			long
		No	1	
		Yes	2	
food_source_7d4	How Wasrostertitle Obtained/Sourced?[Borrowed]			long
		No	1	
		Yes	2	
food_source_7d5	How Wasrostertitle Obtained/Sourced?[Purchased with Wages]			long
		No	1	
		Yes	2	
food_source_7d6	How Wasrostertitle Obtained/Sourced?[Exchanged Labor for Food]			long
		No	1	
		Yes	2	
food_source_7d7	How Wasrostertitle Obtained/Sourced?[Exchanged Items for Food]			long
		No	1	
		Yes	2	
food_source_7d8	How Wasrostertitle Obtained/Sourced?[Gift (Food) from Relatives]			long
		No	1	
		Yes	2	
food_source_7d9	How Wasrostertitle Obtained/Sourced?[Food Aid (NGOs, Others)]			long
		No	1	
		Yes	2	
food_source_7d96	How Wasrostertitle Obtained/Sourced?[Other (Specify)]			long
		No	1	
		Yes	2	
foos_source_oth	[foos_source_oth] Specify Other	Open ended		String

SECTION 10: OTHER INCOME SOURCES

OTHER INCOME SOURCES

Open ended National remittances - cash transfers/gifts from	Code	Type String long
National remittances - cash	1	-
	1	0
individuals (relatives, friends) within the country	1	
International remittances - cash transfers/gifts from individuals (relatives, friends) from abroad	2	
Savings, interest or other investment income	3	
Rental income, residential property (apartment, house)	4	
Rental income, commercial (shop, store)	5	
Income from SALE of real estate (do not include rental income)	6	
Transfers (some kind of public/NGO transfer program (given money in daily/weekly/ monthly basis)	7	
Payments for environmental/ecological services or nature conservation for instance, payments by the conservancies	8	
Other → specify:	9	
Open ended		double
		long
0	1	
Monthly	2	
Every three months	3	
Every 6 months	4	
Every year	5	
Lump sum (single payment)	6	
6	7	
30	8	
100	9	
200	10	
	11	
450	TT	
	11	
450 500 1500		
	International remittances - cash transfers/gifts from individuals (relatives, friends) from abroad Savings, interest or other investment income Rental income, residential property (apartment, house) Rental income, commercial (shop, store) Income from SALE of real estate (do not include rental income) Transfers (some kind of public/NGO transfer program (given money in daily/weekly/ monthly basis) Payments for environmental/ecological services or nature conservation for instance, payments by the conservancies Other → specify: Open ended 0 Monthly Every three months Every 6 months Every year Lump sum (single payment) 6 30	International remittances - cash transfers/gifts from individuals (relatives, friends) from abroad2Savings, interest or other investment income3Rental income, residential property (apartment, house)4Rental income, commercial (shop, store)5Income from SALE of real estate (do not include rental income)6Transfers (some kind of public/NGO transfer program (given money in daily/weekly/ monthly basis)7Payments for environmental/ecological services or nature conservancies8O Open ended1Monthly 22Every three months Every three months3Every 6 months 44Every year 3051009

who_other_income_ 0	Who recived the income [member id 1]	Open ended		double
_ who_other_income_ _1	Who recived the income [member id 2]	Open ended		double
othinc_pr	What Program Did you Receive the rostertitle Income From?			long
		Pension	1	
		Education subsidy	2	
		Healthcare benefits	3	
		Poverty reduction program	4	
		Emergency relief	5	
		Older persons cash transfer	6	
		Others → Specify	7	
othinc_pr_oth	Specify Other Program	Open ended		String
othinc_provider	Who is Providing the Program rostertitle is Benefiting From?			long
		Local county government	1	
		National government	2	
		Both national and local	3	
		governments NGO	4	
		Other → specify	5	
othinc_provider_oth	Please Specify the Other Provider	Open ended	5	String
benefits	rostertitle is Benefiting From. What Kind of Benefits from	open chucu		-
benefits	rostertitle Did you Receive?			long
		Cash	1	
		Clothes	2	
		Food	3	
		Agricultural inputs	4	
		Other→specify	5	
oth_benefits	Please Specify Other Benefits Received.	Open ended		String
oth_income_use1	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[In	Open ended		double
oth_income_use2	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[Fo	Open ended		double
oth_income_use3	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[Ed	Open ended		double
oth_income_use4	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[He	Open ended		double
oth_income_use5	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[Ho	Open ended		double
oth_income_use6	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[Tr	Open ended		double
oth_income_use7	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[En	Open ended		double
oth_income_use96	[oth_income_use] What is the MAIN Use of the Money Received from this Source?[Ot	Open ended		double
otherinc_use_others	[otherinc_use_others] Specify Other Income Use	Open ended		String

SECTION 11: GENDER ROLES AND TIME ALLOCATION

TIME ALLOCATION

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Member id	Open ended		double
f_timeid	ld in f_time			long
		3:00 - 3:30am	1	
		3:31 - 4:00am	2	
		4:01 - 4:30am	3	
		4:31 - 5:00am	4	
		5:01 - 5:30am	5	
		5:31 - 6:00am	6	
		6:01 - 6:30am	7	
		6:31 - 7:00am	8	
		7:01 - 7:30am	9	
		7:31 - 8:00am	10	
		8:01 - 8:30am	11	
		8:31 - 9:00am	12	
		9:01 - 9:30am	13	
		9:31 - 10:00am	14	
		10:01 -10:30am	15	
		10:31 - 11:00am	16	
		11:01 - 11:30am	17	
		11:31 - 12:00pm	18	
		12:01 - 12:30pm	19	
		12:31 - 1:00pm	20	
		1:01 - 1:30pm	21	
		1:31 - 2:00pm	22	
		2:01 - 2:30pm	23	
		2:31 - 3:00pm	24	
		3:00 - 3:30pm	25	
		3:31 - 4:00pm	26	
		4:01 - 4:30pm	27	
		4:31 - 5:00pm	28	
		5:01 - 5:30pm	29	
		5:31 - 6:00pm	30	
		6:01 - 6:30pm	31	
		6:31 - 7:00pm	32	
		7:01 - 7:30pm	33	
		7:31 - 8:00pm	34	
		8:01 - 8:30pm	35	
		8:31 - 9:00pm	36	
		9:01 - 9:30pm	37	
		9:31 - 10:00pm	38	
		10:01 - 10:30pm	39	

		10:31 - 11:00pm	40	
		11:01 - 11:30pm	41	
		11:31 - 12:00am	42	
		12:31 - 1:00am	43	
		1:01 - 1:30am	44	
		1:31 - 2:00am	45	
		2:01 - 2:30am	46	
		2:31 - 3:00am	47	
f_prim	What Primary Activity Did you Perform Betweenrostertitle?			long
		Sleeping and resting	1	
		Eating and drinking	2	
		Personal care	3	
		School (also homework)	4	
		Work as employed	5	
		Own business work	6	
		Food crop farming	7	
		Cash crop farming	8	
		Large livestock raising (e.g. cattle, camel)	9	
		Small livestock raising (e.g. sheep, goats, pigs)	10	
		Poultry raising (e.g. chickens, ducks, turkeys)	11	
		Fishpond culture	12	
		Commuting (to/from work or school)	13	
		Shopping/getting service (incl health services)	14	
		Weaving, sewing, textile care	15	
		Cooking	16	
		Domestic work (incl	17	
		fetching wood and water)	17	
		Care for children	18	
		Caring for adults (sick, elderly)	19	
		Travelling (not for work or school)	20	
		Watching TV/listening to radio/reading	21	
		Exercising	22	
		Social activities and hobbies	23	
		Religious activities	24	
		Selling milk and other livestock produce	25	
		Selling crops and crop products	26	
		Other → specify	27	
f_prim_o	Please Specify Other Primary Activity Performed Betweenrostertitle?	Open ended		String
f_sec	Did you Do any Secondary Activity Betweenrostertitle?			long
		No	1	
		Yes	2	
f_seca	What Secondary Activity Did you Perform Betweenrostertitle?			long
		Sleeping and resting	1	

Eating and drinking	2
Personal care	3
School (also homework)	4
Work as employed	5
Own business work	6
Food crop farming	7
Cash crop farming	8
Large livestock raising (e.g. cattle, camel)	9
Small livestock raising (e.g. sheep, goats, pigs)	10
Poultry raising (e.g. chickens, ducks, turkeys)	11
Fishpond culture	12
Commuting (to/from work or school)	13
Shopping/getting service (incl health services)	14
Weaving, sewing, textile care	15
Cooking	16
Domestic work (incl fetching wood and water)	17
Care for children	18
Caring for adults (sick, elderly)	19
Travelling (not for work or school)	20
Watching TV/listening to radio/reading	21
Exercising	22
Social activities and hobbies	23
Religious activities	24
Selling milk and other livestock produce	25
Selling crops and crop products	26
Other → specify	27

HOUSEHOLD DECISION MAKING

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Respondent ID	Open ended		double
decision_code	Decisions Code	Open ended		String
decision_label	Decisions Label	Open ended		String
decision_maker_1	ID of the Decision Maker 1	Open ended		double
decision_maker_2	ID of the Decision Maker 2	Open ended		double
decision_maker_3	ID of the Decision Maker 3	Open ended		double
decision_maker_4	ID of the Decision Maker 4	Open ended		double
decision_maker_5	ID of the Decision Maker 5	Open ended		double
decision_maker_6		Open ended		double
decision_maker_7		Open ended		double
decision_maker_8		Open ended		double

decision_maker_9	Open ended	double
decision_maker_10	Open ended	double

SECTION 12: ROAD CONNECTIVITY

ROAD CONNECTIVITY

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
road_1	Which Type of Road is Nearest to your Homestead?			long
		Tarmac road	1	
		Murram/ gravel road	2	
		Dirt road/ bush road	3	
		None of these	4	
road_2	In your Judgement, What is the Condition of the Road?			long
		Very well passable, in both rainy and dry season	1	
		Well passable	2	
		Only passable with certain vehicles/ at certain times	3	
		Almost not passable	4	
road_31	For which Purpose Do Members of your Household Use this Road?[Go to the Market]			long
		No	1	
		Yes	2	
road_32	For which Purpose Do Members of your Household Use this Road?[Go to School]			long
		No	1	
		Yes	2	
road_33	For which Purpose Do Members of your Household Use this Road?[Access Medical Tre			long
		No	1	
		Yes	2	
road_34	For which Purpose Do Members of your Household Use this Road?[Got to Workplace]			long
		No	1	
		Yes	2	
road_35	For which Purpose Do Members of your Household Use this Road?[Visit Friends/ Rel			long
		No	1	
		Yes	2	
road_36	For which Purpose Do Members of your Household Use this Road?[Visit Recreational			long
		No	1	
		Yes	2	
road_37	For which Purpose Do Members of your Household Use this Road?[Go to the Field]			long
		No	1	

			_	
	For which Durnage De Morehous of your	Yes	2	lana
road_38	For which Purpose Do Members of your Household Use this Road?[Otherspecify:]			long
		No	1	
		Yes	2	
road_3_oth	Specify Other	No	1	long
		Yes	2	
road_6	How Long Does it Take to Get to the Nearest Road (Minutes)?	Open ended	-	double
road_7	Has your Nearest Road Been Built or Repaired Recently (During the Past Five Year			long
		No Yes	1 2	
road_8	Were you Involved in the Planning of the Said Road Construction or Repair Projec			long
		No	1	
rood 0	Wore your Social and Environmental	Yes	2	long
road_9	Were your Social and Environmental Concerns Addressed in the Road Project?			long
		No	1	
road 10	Did you Cat a Job Opportunity to Work	Yes	2	long
road_10	Did you Get a Job Opportunity to Work in the Construction or Repair Project?	Ne	1	long
		No Yes	1	
road_111	What Kind of Job Did you	Tes	2	long
	Do?[Construction Work]			
		No	1	
	Miller Mind of Lake Distance De 200 constitu	Yes	2	le se e
road_112	What Kind of Job Did you Do?[Security Job]		4	long
		No Yes	1	
road_113	What Kind of Job Did you Do?[Supply of Material]	Tes	2	long
	(Material)	No	1	
		Yes	2	
road_1196	What Kind of Job Did you Do?[Otherspecify:]			long
		No	1	
		Yes	2	le se s
road_11_oth	Specify Other	No	1	long
		Yes	2	
road_121	What Were the Expectations you Associated with the Road Construction or Repair?[-	long
		No	1	
		Yes	2	
road_122	What Were the Expectations you Associated with the Road Construction or Repair?[long
	· ·	No	1	

		Yes	2	
road_123	What Were the Expectations you Associated with the Road Construction or Repair?[long
		No	1	
		Yes	2	
road_124	What Were the Expectations you Associated with the Road Construction or Repair?[long
		No	1	
		Yes	2	
road_125	What Were the Expectations you Associated with the Road Construction or Repair?[long
		No	1	
		Yes	2	
road_126	What Were the Expectations you Associated with the Road Construction or Repair?[long
		No	1	
		Yes	2	
road_127	What Were the Expectations you Associated with the Road Construction or Repair?[long
		No	1	
		Yes	2	
road_1296	What Were the Expectations you Associated with the Road Construction or Repair?[long
		No	1	
		No Yes	1 2	
road_12_oth	Specify Other	Yes		long
road_12_oth		Yes No	2	long
	Specify Other	Yes	2	-
road_12_oth road_13		Yes No Yes	2 1 2	long
	Specify Other	Yes No Yes No	2 1 2 1	-
road_13	Specify Other Were These Expectation Met?	Yes No Yes	2 1 2	long
	Specify Other	Yes No Yes No	2 1 2 1	-
road_13	Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes No	2 1 2 1	long
road_13	Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes Yes	2 1 2 1 2	long
road_13	Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes No No	2 1 2 1 2 1	long
road_13 road_141	Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes No No	2 1 2 1 2 1	long
road_13 road_141	Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes No Yes No Yes	2 1 2 1 2 1 2	long
road_13 road_141	Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes No Yes No No	2 1 2 1 2 1 2 1 2	long
road_13 road_141 road_142	Specify Other Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes No Yes No Yes No No	2 1 2 1 2 1 2 1 2 1 2 1 2	long long long
road_13 road_141 road_142 road_143	Specify Other Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your Homeste	Yes No Yes No Yes No Yes	2 1 2 1 2 1 2 1 2	long long long
road_13 road_141 road_142	Specify Other Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your	Yes No Yes No Yes No Yes No Yes No Yes	2 1 2 1 2 1 2 1 2 1 2 1 2	long long long
road_13 road_141 road_142 road_143	Specify Other Specify Other Were These Expectation Met? Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Associated with the Road Near your Homeste Can you Think of any Negative Impacts Can you Think of any Negative Impacts Associated with the Road Near your Homeste	Yes No Yes No Yes No Yes No No	2 1 2 1 2 1 2 1 2 1 2 1 2	long long long

road_145	Can you Think of any Negative Impacts Associated with the Road Near your Homeste			long
		No	1	
		Yes	2	
road_1496	Can you Think of any Negative Impacts Associated with the Road Near your Homeste			long
		No	1	
		Yes	2	
road_14_oth	Specify Other			long
		No	1	
		Yes	2	

PURPOSE OF TRANSPORT

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_purpose_trid	ld in r_purpose_tr			long
		Go to the market	1	
		Go to school	2	
		Access medical treatment	3	
		Got to workplace	4	
		Visit friends/ relatives	5	
		Visit recreational places	6	
		Go to the field	7	
		Other → specify:	8	
road_41	Which Mode of Transport Do you Use torostertitle?[Walk]			long
		No	1	
		Yes	2	
road_42	Which Mode of Transport Do you Use torostertitle?[Bicycle]			long
		No	1	
		Yes	2	
road_43	Which Mode of Transport Do you Use torostertitle?[Car]			long
		No	1	
		Yes	2	
road_44	Which Mode of Transport Do you Use torostertitle?[Bus]			long
		No	1	
		Yes	2	
road_45	Which Mode of Transport Do you Use torostertitle?[Motorbike]			long
		No	1	
		Yes	2	
road_46	Which Mode of Transport Do you Use torostertitle?[Boat]			long
		No	1	
		Yes	2	
road_47	Which Mode of Transport Do you Use torostertitle?[Animal]			long
		No	1	

		Yes	2	
road_48	Which Mode of Transport Do you Use torostertitle?[Hitchhiking]			long
		No	1	
		Yes	2	
road_496	Which Mode of Transport Do you Use torostertitle?[Other (Specify)]			long
		No	1	
		Yes	2	
road_5	How Often Do Members of your Household Use this Mood of Transport?			long
		Once a week or more often	1	
		Almost every week	2	
		Once or twice a month	3	
		A few times a year	4	
		Less often	5	
		Varies/don't know	6	

SECTION 13: CONSERVANCY AND ENVIRONMENTAL PRODUCTS

ENVIRONMENTAL PRODUCTS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_forset_productid	Id in r_forset_product			long
		Firewood	1	
		Wood for charcoal	2	
		production		
		Timber or poles	3	
		Sand, stone, mud	4	
		Wild fruits	5	
		Medicinal plants	6	
		Tea leaves	7	
		Ornamental flowers	8	
		Mushrooms	9	
		Coconuts	10	
		Honey	11	
		Snails	12	
		Small game (warthog, duiker, turtle, wild birds)	13	
		Other→specify	14	
fstqty	How Much Quantity ofrostertitle Was Harvested or Collected?	Open ended		double
fstpdt_unt	In What Units Wasrostertitle Measured after Harvest or Collection?			long
		Grams	1	
		Kilograms	2	
		Liters	3	
		Numbers	4	
		Basins	5	
		2kg packet	6	
		10kg bag	7	
		25kg bag	8	
		50 kg bag	9	
		100 kg bag	10	
		Crates	11	
		Bunches	12	
		Gorogoro	13	
		Debe	14	
		Wheelbarrow	15	
		Bale / Bundle	16	
		Tonnes	17	
		Canter	18	
		Packet (e.g salt, cigarattes)	19	
		Tins (eg milk tins)	20	
		No harvest yet or No harvest	20	

		Other (please specify)	22	
fstpdt_unt_oth	Please Specify if Units of Measurement forrostertitle is Other	Open ended		String
fstpdt_sl	Was any ofrostertitle Sold?			long
		No	1	
		Yes	2	
fstpdt_slqty	How Much Quantity ofrostertitle Was Sold?	Open ended		double
fstpdt_slunit	Units of Measurement of rostertitle Sold			long
		Grams	1	
		Kilograms	2	
		Liters	3	
		Numbers	4	
		Basins	5	
		2kg packet	6	
		10kg bag	7	
		25kg bag	8	
		50 kg bag	9	
		100 kg bag	10	
		Crates	11	
		Bunches	12	
		Gorogoro	13	
		Debe	14	
		Wheelbarrow	15	
		Bale / Bundle	16	
		Tonnes	17	
		Canter	18	
		Packet (e.g salt, cigarattes)	19	
		Tins (eg milk tins)	20	
		No harvest yet or No	21	
		harvest Other (please specify)	22	
fstadt slupit ath	Please Specify if Units of Measurement	Open ended	22	String
fstpdt_slunit_oth	forrostertitleSold is Other	Open ended		String
fstpdt_slpssd	Was therostertitle Processed Before Selling?	N	4	long
		No	1	
		Yes	2	
fstpdt_slprc	What Was the Price for Each Unit ofrostertitle Sold?	Open ended		double
fstpdt_exp	Did you Spend any Money in the Harvesting ofrostertitle?			long
		No	1	
		Yes	2	
fstpdt_expamt	How Much Was Spent in Harvesting rostertitle?	Open ended		double
fstpdt_ch	In General, Would you Say that During the Past 10 Years, the Availability ofr			long
		Massive increase	1	
		Slight increase	2	
		The same	3	
		Slight decrease	4	
		Massive decrease	5	
fstpdt_ch2	Do you Expect any Changes in the Availability ofrostertitle in the 10 Years			long

		Massive increase	1	
		Slight increase	2	
		The same	3	
		Slight decrease	4	
		Massive decrease	5	
f027	What is the MAIN Reason for Increases in the Availability ofrostertitle?	Open ended		String
f028	What is the MAIN Reason for Decreases in the Availability ofrostertitle?	Open ended		String

CONSERVANCY

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
consev_hh	Is this Household Located Inside or in the Neighbourhood of a Wildlife Conservat			long
		No	1	
		Yes	2	
consev_name	What is the Name of the Conservancy	Open ended		String
consev_typ1	What Type of Conservation Area/Conservancy is It?[Community Wildlife Conservancy			long
		No	1	
		Yes	2	
consev_typ2	What Type of Conservation Area/Conservancy is It?[Private Wildlife Conservancy]			long
		No	1	
		Yes	2	
consev_typ3	What Type of Conservation Area/Conservancy is It?[Community Forest or Forest Con			long
		No	1	
		Yes	2	
consev_typ4	What Type of Conservation Area/Conservancy is It?[Wetland Conservation Area]			long
		No	1	
		Yes	2	
consev_typ5	What Type of Conservation Area/Conservancy is It?[National Park or Nature Reserv			long
		No	1	
		Yes	2	
consev_meb	Is the Household a Registered Member of a Community Conservation Area/Conservanc			long
		No	1	
		Yes	2	
consev_exphh	In General, How Do you Evaluate the Impact of Conservancies/ Conservation Areas			long
		Very negative effect	1	
		Negative effect	2	

		Neutral (or no effect)	3	
		Positive effect	4	
		Very positive effect	5	
consev_expcom	In General, How Do you Evaluate the Impact of Conservancies/ Conservation Areas			long
		Very negative effect	1	
		Negative effect	2	
		Neutral (or no effect)	3	
		Positive effect	4	
		Very positive effect	5	
consev_cash	During the Last 12 Months, Did your Household Receive Cash Benefits from the Con			long
		No	1	
		Yes	2	
consev_fd	During the Last 12 Months, How many Times Did your Household Receive any Food Be	Open ended		double
consev_fdamt	How Much Did you Receive in Total? (in Kg)	Open ended		double
consev_adben	Have you or your Household Received any Other Benefits from Conservancy/ Conserv			long
		No	1	
		Yes	2	
consev_ad	Please Specify What Additional Benefits you Have Received	Open ended		String
consev_ben	How Satisfied are you with the Distribution of Benefits by the Conservancy Manag			long
		Very dissatisfied	1	
		dissatisfied	2	
		Neither	3	
		Satisfied	4	
		Very satisfied	5	
consev_mt	During the Last 12 Months, How Often Did any Members of this Household Attend Me			long
		Never	1	
		Less than once a month	2	
		More than once per month	3	
		More then once per week	4	
		Every day	5	
wld_conft	During the Past 12 Months, Has the Household Experienced any Conflict with Wildl			long
		No	1	
		Yes	2	
wld_confl_frequ	Roughly How many Times Did you Experience Conflict with Wildlife During the Past	Open ended		double
wld_dmg1	What was the type of damage incurred?[Crop damage]			long
		No	1	
		Yes	2	
wld_dmg2	What was the type of damage incurred?[Loss of livestock]			long

		No	1	
		Yes	2	
wld_dmg3	What was the type of damage incurred?[Destruction of property]			long
		No	1	
		Yes	2	
wld_dmg96	What was the type of damage incurred?[Other damage Please specify]			long
		No	1	
		Yes	2	
wld_dmgcomp	Did the Household Receive any Compensation for this Damage?			long
		No	1	
		Yes	2	
comp_amt	How Much Did your Household Receive as Compensation from Wildlife Damage	Open ended		double

SECTION 15: FUTURE CONTACT

FUTURE CONTACT

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
contact_ref_1_rel	Relation to Head:	Open ended		String
contact_ref_2_rel	Relation to Head	Open ended		String

HOUSEHOLD MEMBERS PHONE NUMBERS

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Unique Interview Key	Open ended		String
r_membersid	Member id	Open ended		double
memeber_isphone	Doesrostertitle Have their Own Phone Number?			long
		No	1	
		Yes	2	

SURVEY DURATION

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
interviewkey	Interview Key	Open ended		String
s0_duration	Duration of Section 0[INTERVIEW INFORMATION]	Open ended		double
s1_duration	Duration of Section 1[HOUSEHOLD DEMOGRAPHICS and ROSTER]	Open ended		double
s2_duration	Duration of Section 2[MIGRATION PATTERNS and HISTORY]	Open ended		double
s3_duration	Duration of Section 3[LAND OWNERSHIP and ACCESS]	Open ended		double
s4_duration	Duration of Section 4[CROP PRODUCTION]	Open ended		double
s5_duration	Duration of Section 5[LIVESTOCK OWNERSHIP]	Open ended		double
s6_duration	Duration of Section 6[HOUSEHOLD ASSETS]	Open ended		double
s7_duration	Duration of Section 7[HOUSEHOLD SHOCKS and COPING]	Open ended		double
s8_duration	Duration of Section 8[ASPIRATION, SOCIAL NETWORK]	Open ended		double
s9_duration	Duration of Section 9[FOOD SECURITY]	Open ended		double
s10_duration	Duration of Section 10[OTHER INCOME SOURCES]	Open ended		double
s11_duration	Duration of Section 11[GENDER ROLES and TIME ALLOCATION]	Open ended		double
s12_duration	Duration of Section 12[ROAD CONNECTIVITY]	Open ended		double

s13_duration	Duration of Section 13[CONSERVANCY and ENVIROMENTAL PRODUCTS]	Open ended	double
s15_duration	Duration of Section 15[FUTURE CONTACT]	Open ended	double
interviewduration2	Total Duration of Interview	Open ended	double
interviewduration	Duration of Interview	Open ended	String
interviewduration_minut es	Duration of Interview in Minutes	Open ended	double
date	Date of Interview	Open ended	String
time	Time of Interview	Open ended	String