

# Ghana - Alliance for a Green Revolution in Africa 2016, Ghana Baseline Survey

**Institute of Statistical Social and Economic Research**

Report generated on: November 11, 2021

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# Overview

## Identification

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ID NUMBER  
gha-isser-agra-2016-v1

## Version

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VERSION DESCRIPTION  
Version 1

PRODUCTION DATE  
2016

## Overview

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### ABSTRACT

The Alliance for a Green Revolution in Africa (AGRA) aims to effect market-led agricultural transformation in Africa. The 2016 study included Burkina Faso, Ghana, Mali and Mozambique. Data for the first three countries is available from the ISSER ACEIR Data Hub. In Ghana, its objectives are to increase farmer productivity through access to quality inputs, reduce post-harvest losses through access to post-harvest storage technologies and support farmers through an enabling policy environment. The Institute of Statistical, Social and Economic Research (ISSER) was tasked to conduct a baseline survey of farmer households in two regions in Ghana, Brong Ahafo and Northern, to create baseline data of farming practices, yields, post-harvest loss and other features of the value chain in the cultivation of four major crops; namely maize, rice, cassava and soybean. The data is intended to help identify key challenges to the production of these crops in the two regions, and support the development and subsequent evaluation of AGRA interventions over a five-year period.

KIND OF DATA  
Focus group and survey data

UNITS OF ANALYSIS  
Households and individuals

## Scope

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### NOTES

The survey collected the following data on households:

Demographic data and data on education and literacy of household members, household Welfare (income, employment), food security, household assets, housing characteristics and access to credit and savings, womens empyerment, time use, and womens dietary diversity.

Agricultural data collected included:

Agricultural production and input access

Plot characteristics and soil quality

Farm labour

Chemical use

Awareness of hybrid/improved seed varieties and usage

Agricultural mechanisation

Farmer based organisations' (fbos) membership

Awareness and use of extension services and agronomic practices

Crop yields and pre-harvest crop losses

Post-harvest storage, crop sales, processing and market price

## Coverage

### GEOGRAPHIC COVERAGE

AGRA's five-year strategy covers the Brong Ahafo and Northern regions, located in the Guinea Savana and Transitional agro-ecological zones, where agricultural production mainly occurs.

### GEOGRAPHIC UNIT

The data is at the level of District and Community

## Producers and Sponsors

### PRIMARY INVESTIGATOR(S)

Name	Affiliation
Institute of Statistical Social and Economic Research	University of Ghana

## Metadata Production

### METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Institute of Statistical Social and Economic Research	ISSER	University of Ghana	Metadata creator

### DATE OF METADATA PRODUCTION

2021-11-09

### DDI DOCUMENT VERSION

1

## Sampling

No content available

# Questionnaires

No content available

## Data Collection

### Data Collection Dates

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<b>Start</b>	<b>End</b>	<b>Cycle</b>
2016-10-18	2016-12-07	N/A

### Data Collection Mode

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Face-to-Face Interviews and Focus Groups

## Data Processing

No content available

# Data Appraisal

No content available



## File Description

**Variable List**

**gha-agra-2016-v1**

## Content

Cases 1595

Variable(s) 569

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	NAME	LABEL	TYPE	FORMAT	QUESTION
V1	hid		contin	numeric	
V2	cid	Community ID	contin	numeric	
V3	region	Region	discrete	numeric	
V4	district	District	discrete	numeric	
V5	community	Community	discrete	numeric	
V6	fbname	FBO Name	discrete	character	
V7	fbomem	FBO Member	discrete	character	
V8	fboid	FBO ID	contin	numeric	
V9	tg	Treatment Arms	discrete	numeric	
V10	fhead	1=female headed household	discrete	numeric	
V11	hage	age of household head	contin	numeric	
V12	hmstatus	marital status of household head	discrete	numeric	
V13	union	1=married or concensual union	discrete	numeric	
V14	hrel	religious affiliation of household head	discrete	numeric	
V15	sage	age of household's spouse	contin	numeric	
V16	hysize	household size	discrete	numeric	
V17	eqsc	adult equivalent household size	contin	numeric	
V18	dep1	members <15 year old	discrete	numeric	
V19	dep2	members >64 year old	discrete	numeric	
V20	dep	no of dependents (0-14 + >64)	discrete	numeric	
V21	wkage1	working age members (15-64 years)	discrete	numeric	
V22	pdep1	% members below 15	contin	numeric	
V23	pdep2	% members above 64	contin	numeric	
V24	pdep	% dependants	contin	numeric	
V25	pworkp	% working-age members	contin	numeric	
V26	heducd	1=head ever attended school	discrete	numeric	
V27	seducd	1=spouse of head ever attended school	discrete	numeric	
V28	hyrsedu	years of formal education of household head	discrete	numeric	

V29	syrsedu	years of formal education of household head's spouse	contin	numeric
V30	heducat	levels of education of household head	discrete	numeric
V31	hread	1=head can read in english	discrete	numeric
V32	hwrite	1=head can write in english	discrete	numeric
V33	asset1	1=owns phone	discrete	numeric
V34	asset2	1=Motor bike	discrete	numeric
V35	asset3	1=Bicycle	discrete	numeric
V36	asset4	1=TV-set	discrete	numeric
V37	asset5	1=Automobile	discrete	numeric
V38	asset6	1=Sewing machine	discrete	numeric
V39	asset7	1=Cooking stove	discrete	numeric
V40	asset8	1=Sofa set	discrete	numeric
V41	asset9	1=Blender	discrete	numeric
V42	asset10	1=Refrigerator	discrete	numeric
V43	noasset	number of different assets owned	discrete	numeric
V44	hland	household land (ha)	contin	numeric
V45	nplots	number of plots per household	discrete	numeric
V46	hpdsh	share of plots with head being main decision maker	contin	numeric
V47	hjdsh	share of plots with joint decision making	contin	numeric
V48	hcland	household cultivated land (ha)	contin	numeric
V49	hclandt		contin	numeric
V50	hfland	household fallow land (ha)	contin	numeric
V51	hfalowd	1=household leaves land fallow	discrete	numeric
V52	hrice		discrete	numeric
V53	hmaize		discrete	numeric
V54	hmillet		discrete	numeric
V55	hsorghum		discrete	numeric
V56	hGnut		discrete	numeric
V57	hsoybean		discrete	numeric
V58	hcassava		discrete	numeric
V59	hyam		discrete	numeric
V60	hcowpea		discrete	numeric
V61	hokro		discrete	numeric
V62	hpapper		discrete	numeric
V63	hmelon		discrete	numeric
V64	hmango		discrete	numeric
V65	htomato		discrete	numeric
V66	hsaladv		discrete	numeric
V67	hcotton		discrete	numeric
V68	hother		discrete	numeric
V69	leg	legume producers	discrete	numeric

V70	hcropspp	household level number of crops per plot	discrete	numeric
V71	hirrigat	1=household has an irrigated plot	discrete	numeric
V72	hpdist	mean distance from home to plots	contin	numeric
V73	hpdistt		contin	numeric
V74	hricefs	household level rice farm size (ha)	contin	numeric
V75	hricefst		contin	numeric
V76	hmaizefs	household level maize farm size (ha)	contin	numeric
V77	hmaizefst		contin	numeric
V78	hmiletfs	household level millet farm size (ha)	contin	numeric
V79	hmiletfst		contin	numeric
V80	hsogfs	household level sorghum farm size (ha)	contin	numeric
V81	hsogfst		contin	numeric
V82	hgnutfs	household level groundnut farm size (ha)	contin	numeric
V83	hgnutfst		contin	numeric
V84	hsoyfs	household level soy bean farm size (ha)	contin	numeric
V85	hsoyfst		contin	numeric
V86	hyamfs	household level yam farm size (ha)	contin	numeric
V87	hyamfst		contin	numeric
V88	hcowpeafs	household level cowpea farm size (ha)	contin	numeric
V89	hcowpeafst		contin	numeric
V90	hcasavafs	household level cassava farm size (ha)	contin	numeric
V91	hcasavafst		contin	numeric
V92	hyrscult	average number of years cultivating plots	contin	numeric
V93	hyrstsec	average number of years plots are secure	contin	numeric
V94	hclcosta	household level actual cost of clearing	contin	numeric
V95	hclcosti	household level imputed cost of clearing	contin	numeric
V96	hclcost	household level total cost of clearing	contin	numeric
V97	hplcosta	household level actual cost of ploughing	contin	numeric
V98	hplcosti	household level imputed cost of ploughing	contin	numeric
V99	hplcost	household level total cost of ploughing	contin	numeric
V100	hpltcosta	household level actual cost of planting	contin	numeric
V101	hpltcosti	household level imputed cost of planting	contin	numeric
V102	hpltcost	household level total cost of planting	contin	numeric
V103	hchcosta	household level actual cost of chemical application	contin	numeric
V104	hchcosti	household level imputed cost of chemical application	contin	numeric
V105	hchcost	household level total cost of chemical application	contin	numeric
V106	hwdcosta	household level actual cost of weeding	contin	numeric
V107	hwdcosti	household level imputed cost of weeding	contin	numeric
V108	hwdcost	household level total cost of weeding	contin	numeric
V109	hhvcosta	household level actual cost of harvesting	contin	numeric
V110	hhvcosti	household level imputed cost of harvesting	contin	numeric

V111	hhvcost	household level total cost of harvesting	contin	numeric
V112	hcltohvca	actual cost of farm activities-clearing to harvest	contin	numeric
V113	hcltohvcaph	actual per hectare cost of farm activities-clearing to harvest	contin	numeric
V114	hcltohvci	imputed cost of farm activities-clearing to harvest	contin	numeric
V115	hcltohvciph	imputed per hectare cost of farm activities-clearing to harvest	contin	numeric
V116	hcltohvc	total cost of farm activities-clearing to harvest	contin	numeric
V117	hcltohvcph	total per hectare cost of farm activities-clearing to harvest	contin	numeric
V118	imcostsh	share of imputed cost in total cost of farm activities	contin	numeric
V119	imcostphsh		contin	numeric
V120	hpseedc	household level seed cost	contin	numeric
V121	hiasmzvar	1=household used improved maize variety	discrete	numeric
V122	hiassyvar	1=household used improved soybean variety	discrete	numeric
V123	hiasgnvar		discrete	numeric
V124	hiasymvar		discrete	numeric
V125	hiasmlvar		discrete	numeric
V126	hiasrivar		discrete	numeric
V127	hiassovar		discrete	numeric
V128	hiascwvar		discrete	numeric
V129	hchemd	1=household level chemical use dummy	discrete	numeric
V130	hchemc	household level cost of chemicals (GHC)	contin	numeric
V131	hchemct		contin	numeric
V132	hchemcpha	per hectare cost of chemicals	contin	numeric
V133	hfertd	household level fertilizer use dummy	discrete	numeric
V134	hfertq	household level quantity of fertilizer used (kg)	contin	numeric
V135	hfertL	household level quantity of fertilizer used (L)	contin	numeric
V136	fertq	quantity of fertilizer used (kg)--hfertq+hfertL	contin	numeric
V137	fertqt		contin	numeric
V138	fertqpha	per hectare quantity of fertilizers	contin	numeric
V139	hgmanure	1=husehold used green manure	discrete	numeric
V140	hamanure	1=husehold used animal manure	discrete	numeric
V141	hcompost	1=husehold used compost	discrete	numeric
V142	organicm	1=used some organic manure	discrete	numeric
V143	organic	1=uses inorganic fertilizer (i.e. animal manure, compost or green manure)	discrete	numeric
V144	heardinoc	1=have heard of inoculants	discrete	numeric
V145	radio_tv		discrete	numeric
V146	radio_club		discrete	numeric
V147	FBO		discrete	numeric
V148	phone		discrete	numeric
V149	friends		discrete	numeric
V150	extension		discrete	numeric

V151	SARI		discrete	numeric
V152	inputdealer		discrete	numeric
V153	msource	main source of inoculant information	discrete	numeric
V154	yrheard	year heard of inoculants	discrete	numeric
V155	monthsh	months since heard about inoculants	contin	numeric
V156	knowwhere	Do you know where to get inoculants? (1=Yes)	discrete	numeric
V157	where	S3F06	discrete	numeric
V158	mwhere	S3F07	discrete	numeric
V159	used	1=used inoculants (F8)	discrete	numeric
V160	use	same as used but setting missing=0	discrete	numeric
V161	whynot	(F9)	discrete	numeric
V162	qtyinoc	quantity used in 2014 season (grams)	contin	numeric
V163	qtyinoct		contin	numeric
V164	source2014	How did you obtain the inoculants	discrete	numeric
V165	qinocbot	quantity of inoculants purchased in 2014(grams)	contin	numeric
V166	inocexp	expenditure on inoculant purchase in 2014	contin	numeric
V167	inocexpt		contin	numeric
V168	exppgram	per gram expenditure on inoculant in 2014	contin	numeric
V169	willbuy	1=willing to purchase	discrete	numeric
V170	inocgnut	1=inoculated groundnut (F18)	discrete	numeric
V171	inocowpea	1=inoculated cowpea (F18)	discrete	numeric
V172	inocsoy	1=inoculated soy bean (F18)	discrete	numeric
V173	cheaper	1=cheaper than mineral fertilizer (F19)	discrete	numeric
V174	incresyld	1=increased yields (F19)	discrete	numeric
V175	negeffect	1=avoid negative effects of mineral fertilizer (F19)	discrete	numeric
V176	striga_pest	1=reduces pest including striga (F19)	discrete	numeric
V177	handle	1=have problems handling inoculants (F20)	discrete	numeric
V178	storage	1=storage problems	discrete	numeric
V179	viability	1=loss of viability	discrete	numeric
V180	other	1=other problems	discrete	numeric
V181	inoctrain	F23	discrete	numeric
V182	liketouse	1=will like to use inoculants (F24)	discrete	numeric
V183	winocgnut	1=will like to inoculated groundnut (F25)	discrete	numeric
V184	winocowpea	1=will like to inoculated cowpea (F25)	discrete	numeric
V185	winocsoy	1=will like to inoculated soy bean (F25)	discrete	numeric
V186	inocneed	quantity of inoculants needed in a year (grams)	contin	numeric
V187	inocneedt		contin	numeric
V188	expinocarea	F28	contin	numeric
V189	expinocareat		contin	numeric
V190	hffmdays	household-level female family mandays	contin	numeric
V191	hmfmdays	household-level male family mandays	contin	numeric

V192	hfmdays	household-level family mandays	contin	numeric
V193	hfmdaysph	per hectare household-level family mandays	contin	numeric
V194	hfmdayspht		contin	numeric
V195	hcmdays	household-level communal mandays	contin	numeric
V196	hhmdays	household-level hired labour mandays	contin	numeric
V197	hhmdaysph	per hectare household-level hired labour mandays	contin	numeric
V198	hflmdays	household-level farm labour mandays	contin	numeric
V199	hflmdaysph	per hectare household-level farm labour mandays	contin	numeric
V200	hflmdayspht		contin	numeric
V201	hhmz	1=harvested maize	discrete	numeric
V202	hhsoyb		discrete	numeric
V203	hhgnut		discrete	numeric
V204	hhyam		discrete	numeric
V205	hhmil		discrete	numeric
V206	hhsog		discrete	numeric
V207	hhrice		discrete	numeric
V208	hhcowp		discrete	numeric
V209	hhcas		discrete	numeric
V210	hhokro		discrete	numeric
V211	hhpep		discrete	numeric
V212	hhcott		discrete	numeric
V213	hqmzh	quantity of maize harvested (kg)	contin	numeric
V214	hqmzht		contin	numeric
V215	hqsoybh		contin	numeric
V216	hqsoybht		contin	numeric
V217	hqgnuth		contin	numeric
V218	hqgnutht		contin	numeric
V219	hqyamh		contin	numeric
V220	hqyamht		contin	numeric
V221	hqmilh		contin	numeric
V222	hqmilht		contin	numeric
V223	hqsogh		contin	numeric
V224	hqsoght		contin	numeric
V225	hqriceh		contin	numeric
V226	hqriceht		contin	numeric
V227	hqcowph		contin	numeric
V228	mzaplusexp	total maize output (actual+expected)	contin	numeric
V229	mzaplusexpt		contin	numeric
V230	syaplusexp	total soybean output (actual+expected)	contin	numeric
V231	syaplusexpt		contin	numeric
V232	gnaplusexp	total groundnut output (actual+expected)	contin	numeric



V233	gnaplusexpt		contin	numeric
V234	ymaplusexp	total yam output (actual+expected)	contin	numeric
V235	ymaplusexpt		contin	numeric
V236	mlaplusexp	total millet output (actual+expected)	contin	numeric
V237	mlaplusexpt		contin	numeric
V238	riaplusexp	total rice output (actual+expected)	contin	numeric
V239	riaplusexpt		contin	numeric
V240	soaplusexp	total sorghum output (actual+expected)	contin	numeric
V241	soaplusexpt		contin	numeric
V242	cwaplusexp	total cowpea output (actual+expected)	contin	numeric
V243	cwaplusexpt		contin	numeric
V244	hqcowpht		contin	numeric
V245	mzyld	maize yield (kg/ha)	contin	numeric
V246	tmzyld	maize yield (kg/ha)-accounting for expected output	contin	numeric
V247	syyld	soybean yield (kg/ha)	contin	numeric
V248	tsyyld	soybean yield (kg/ha)-accounting for expected output	contin	numeric
V249	gnyld	groundnut yield (kg/ha)	contin	numeric
V250	tgnyld	groundnut yield (kg/ha)-accounting for expected output	contin	numeric
V251	ymyld	yam yield (kg/ha)	contin	numeric
V252	tymyld	yam yield (kg/ha)-accounting for expected output	contin	numeric
V253	mlyld	millet yield (kg/ha)	contin	numeric
V254	tmlyld	millet yield (kg/ha)-accounting for expected output	contin	numeric
V255	riyld	rice yield (kg/ha)	contin	numeric
V256	triyld	rice yield (kg/ha)-accounting for expected output	contin	numeric
V257	soyld	sorghum yield (kg/ha)	contin	numeric
V258	tsoyld	sorghum yield (kg/ha)-accounting for expected output	contin	numeric
V259	cwyld	cowpear yield (kg/ha)	contin	numeric
V260	tcwyld	cowpear yield (kg/ha)-accounting for expected output	contin	numeric
V261	hexpqmzh	expected quantity of maize to be harvested	contin	numeric
V262	hexpqmzht		contin	numeric
V263	hexpqsoybh		contin	numeric
V264	hexpqsoybht		contin	numeric
V265	hexpqgnuth		contin	numeric
V266	hexpqgnutht		contin	numeric
V267	hexpqyamh		contin	numeric
V268	hexpqyamht		contin	numeric
V269	hexpqmilh		contin	numeric
V270	hexpqmilht		contin	numeric
V271	hexpqsogh		contin	numeric
V272	hexpqsoght		contin	numeric
V273	hexpqriceh		contin	numeric

V274	hexpqriceht		contin	numeric
V275	hexpqcowph		contin	numeric
V276	hexpqcowpht		discrete	numeric
V277	hprhcr2	% of Maize lost pre-harvest	contin	numeric
V278	hprhcr2d		discrete	numeric
V279	hprhcr2c		contin	numeric
V280	hprhcr6	% of Soyabean lost pre-harvest	contin	numeric
V281	hprhcr6d		discrete	numeric
V282	hprhcr6c		contin	numeric
V283	hprhcr5	% of Groundnut lost pre-harvest	contin	numeric
V284	hprhcr5d		discrete	numeric
V285	hprhcr5c		contin	numeric
V286	hprhcr8	% of Yam lost pre-harvest	contin	numeric
V287	hprhcr8d		discrete	numeric
V288	hprhcr8c		contin	numeric
V289	hprhcr3	% of Millet lost pre-harvest	contin	numeric
V290	hprhcr3d		discrete	numeric
V291	hprhcr3c		contin	numeric
V292	hprhcr1	% of rice lost pre-harvest	contin	numeric
V293	hprhcr1d		discrete	numeric
V294	hprhcr1c		contin	numeric
V295	hprhcr9	% of Cowpea lost pre-harvest	contin	numeric
V296	hprhcr9d		discrete	numeric
V297	hprhcr9c		contin	numeric
V298	hprhcr4	% of Sorghum lost pre-harvest	contin	numeric
V299	hprhcr4d		discrete	numeric
V300	hprhcr4c		contin	numeric
V301	hprhcr7	% of Cassava lost pre-harvest	contin	numeric
V302	hprhcr10		contin	numeric
V303	hprhcr11		contin	numeric
V304	hprhcr12		contin	numeric
V305	hprhcr14		contin	numeric
V306	hprhcr16		contin	numeric
V307	hprhcr17		contin	numeric
V308	qmzl	quantity of maize lost in storage (kg)	contin	numeric
V309	qsoybl	quantity of soy bean lost in storage (kg)	contin	numeric
V310	qgnutl	quantity of groundnut lost in storage (kg)	contin	numeric
V311	qyamll	quantity of yam lost in storage (tubers)	contin	numeric
V312	qmill	quantity of millet lost in storage (kg)	contin	numeric
V313	qsogl	quantity of sorghum lost in storage (kg)	contin	numeric
V314	qricel	quantity of rice lost in storage (kg)	discrete	numeric

V315	qcowpl	quantity of cowpea lost in storage (kg)	contin	numeric
V316	mzphld	1=lost some maize in storage	discrete	numeric
V317	mzphlsh		contin	numeric
V318	mzphlshc		contin	numeric
V319	syphld	1=lost some soybean in storage	discrete	numeric
V320	syphlsh		contin	numeric
V321	syphlshc		contin	numeric
V322	gnphld	1=lost some groundnut in storage	discrete	numeric
V323	gnphlsh		contin	numeric
V324	gnphlshc		contin	numeric
V325	ymphld		discrete	numeric
V326	ymphlsh		contin	numeric
V327	ymphlshc		contin	numeric
V328	mlphld		discrete	numeric
V329	mlphlsh		contin	numeric
V330	mlphlshc		contin	numeric
V331	riphld		discrete	numeric
V332	riphlsh		discrete	numeric
V333	riphlshc		discrete	numeric
V334	sophld		discrete	numeric
V335	sophlsh		discrete	numeric
V336	sophlshc		discrete	numeric
V337	cwphld		discrete	numeric
V338	cwphlsh		contin	numeric
V339	cwphlshc		contin	numeric
V340	qmzs	quantity of maize sold (kg)	contin	numeric
V341	qmzst		contin	numeric
V342	qmzstc		contin	numeric
V343	qsoybs	quantity of soy bean sold (kg)	contin	numeric
V344	qsoybst		contin	numeric
V345	qsoybstc		contin	numeric
V346	qgnuts	quantity of groundnut sold (kg)	contin	numeric
V347	qgnutst		contin	numeric
V348	qgnutstc		contin	numeric
V349	qyams	quantity of yam sold (tubers)	contin	numeric
V350	qyamst		contin	numeric
V351	qyamstc		contin	numeric
V352	qmils	quantity of millet sold (kg)	contin	numeric
V353	qmilst		contin	numeric
V354	qmilstc		contin	numeric
V355	qrices	quantity of rice sold (kg)	contin	numeric

V356	qricest		contin	numeric
V357	qricestc		contin	numeric
V358	qsogs	quantity of sorghum sold (kg)	contin	numeric
V359	qsogst		contin	numeric
V360	qsogstc		contin	numeric
V361	qcowps	quantity of cowpea sold (kg)	contin	numeric
V362	qcowpst		contin	numeric
V363	qcowpstc		contin	numeric
V364	qmzsd		discrete	numeric
V365	qsoybsd		discrete	numeric
V366	qgnutsd		discrete	numeric
V367	qyamdsd		discrete	numeric
V368	qmilsd		discrete	numeric
V369	qricesd		discrete	numeric
V370	qsogsd		discrete	numeric
V371	qcowpsd		discrete	numeric
V372	mzssh		contin	numeric
V373	mzsshc		contin	numeric
V374	syssh		contin	numeric
V375	sysshc		contin	numeric
V376	gnssh		contin	numeric
V377	gnsshc		contin	numeric
V378	ymssh		contin	numeric
V379	ymsshc		contin	numeric
V380	mlssh		contin	numeric
V381	mlsshc		contin	numeric
V382	rissh		contin	numeric
V383	risshc		contin	numeric
V384	sossh		contin	numeric
V385	sosshc		contin	numeric
V386	cwssh		contin	numeric
V387	cwsshc		contin	numeric
V388	sala2	maize sale outlet	discrete	numeric
V389	sala6	soybean sale outlet	discrete	numeric
V390	sala5	Gnut sale outlet	discrete	numeric
V391	sala8	yam sale outlet	discrete	numeric
V392	sala3	millet sale outlet	discrete	numeric
V393	sala1	rice sale outlet	discrete	numeric
V394	sala4	sorghum sale outlet	discrete	numeric
V395	sala9	cowpea sale outlet	discrete	numeric
V396	sala7	cassava sale outlet	discrete	numeric

V397	sala10		discrete	numeric
V398	sala11		discrete	numeric
V399	sala12		discrete	numeric
V400	sala14		discrete	numeric
V401	sala16		discrete	numeric
V402	sala17		discrete	numeric
V403	mzspr	average sale price of maize/kg	contin	numeric
V404	mzsprt		contin	numeric
V405	syspr	average sale price of soy bean/kg	contin	numeric
V406	sysprt		contin	numeric
V407	gnutspr	average sale price of groundnut/kg	contin	numeric
V408	gnutsprt		contin	numeric
V409	yamspr	average sale price of yam/kg	contin	numeric
V410	yamsprt		contin	numeric
V411	milspr	average sale price of millet/kg	contin	numeric
V412	milsprt		contin	numeric
V413	sospr	average sale price of sorghum/kg	contin	numeric
V414	sosprt		contin	numeric
V415	ricespr	average sale price of rice/kg	contin	numeric
V416	ricesprt		contin	numeric
V417	cowpspr	average sale price of cowpea/kg	contin	numeric
V418	cowpsprt		contin	numeric
V419	cown	number of cow	contin	numeric
V420	cownd	1=owns some cown	discrete	numeric
V421	cattle	1=owns cow/oxen/heifer/calf/bull	discrete	numeric
V422	oxenn	number of oxen	discrete	numeric
V423	oxennd	1=owns some oxenn	discrete	numeric
V424	heifern	number of heifer	discrete	numeric
V425	heifernd	1=owns some heifern	discrete	numeric
V426	calfn	number of calf	discrete	numeric
V427	calfnd	1=owns some calfn	discrete	numeric
V428	bulln	number of bull	discrete	numeric
V429	bullnd	1=owns some bulln	discrete	numeric
V430	goatn	number of goat	contin	numeric
V431	goatnd	1=owns some goatn	discrete	numeric
V432	sheepn	number of sheep	contin	numeric
V433	sheepnd	1=owns some sheepn	discrete	numeric
V434	donkeyn	number of donkey	discrete	numeric
V435	donkeynd	1=owns some donkeyn	discrete	numeric
V436	pign	number of pig	contin	numeric
V437	pignd	1=owns some pign	discrete	numeric

V438	chickenn	number of chicken	contin	numeric
V439	chickennd	1=owns some chickenn	discrete	numeric
V440	opoultn	number of other poultry	contin	numeric
V441	opoultnnd	1=owns some opoultn	discrete	numeric
V442	rabbitn	number of rabbit	discrete	numeric
V443	rabbitnd	1=owns some rabbitn	discrete	numeric
V444	tlu	tropical livestock units (see Njuki et al. 2011)	contin	numeric
V445	livstok	1=owns some livestock	discrete	numeric
V446	mcropy	crop income (males)	contin	numeric
V447	fcropy	crop income (females)	contin	numeric
V448	mlvstcky	livestock income (males)	contin	numeric
V449	flvstcky	livestock income (females)	contin	numeric
V450	moffmy	off-farm income (males)	contin	numeric
V451	foffmy	off-farm income (females)	contin	numeric
V452	mremity	remittance income (males)	contin	numeric
V453	fremity	remittance income (females)	contin	numeric
V454	cropy	total crop income (GHC)	contin	numeric
V455	cropyyp	participation in cropy income	discrete	numeric
V456	lvstcky	total livestock income (GHC)	contin	numeric
V457	lvstckyp	participation in lvstcky income	discrete	numeric
V458	offmy	total off-farm income (GHC)	contin	numeric
V459	offmyp	participation in offmy income	discrete	numeric
V460	remity	total remittance income (GHC)	contin	numeric
V461	remityp	participation in remity income	discrete	numeric
V462	nys	number of income sources (out of 4)	discrete	numeric
V463	mnys	number of income sources (out of 4): males	discrete	numeric
V464	fnys	number of income sources (out of 4): females	discrete	numeric
V465	tmy	total income (GHC)- males	contin	numeric
V466	tmyt	trimmed total income (GHC)- males	contin	numeric
V467	tfy	total income (GHC)- females	contin	numeric
V468	tfyt	trimmed total income (GHC)- females	contin	numeric
V469	thhy	total household income (GHC)	contin	numeric
V470	thhyt	trimmed total household income (GHC)	contin	numeric
V471	pcthhhy	per capita household income (GHC)	contin	numeric
V472	pcthhyt	trimmed per capita household income (GHC)	contin	numeric
V473	cropysh	crop income share	contin	numeric
V474	lvstckysh	livestock income share	contin	numeric
V475	offmysh	off-farm income share	contin	numeric
V476	remitysh	remittance income share	contin	numeric
V477	mcropysh	crop income share (males)	contin	numeric
V478	mlvstckysh	livestock income share (males)	contin	numeric

V479	moffmysh	off-farm income share (males)	contin	numeric
V480	mremitysh	remittance income share (males)	contin	numeric
V481	fcropysh	crop income share (females)	contin	numeric
V482	flvstckysh	livestock income share (females)	contin	numeric
V483	foffmysh	off-farm income share (females)	contin	numeric
V484	fremitysh	remittance income share (females)	contin	numeric
V485	saves	1=regularly save money	discrete	numeric
V486	bank	1=has a bank account	discrete	numeric
V487	fasset	1=has other financial assets	discrete	numeric
V488	borow	1=often borrow money to meet regular expenditures	discrete	numeric
V489	lostwt	1=lost weight for no food/no money to buy food	discrete	numeric
V490	noteat	1=not eaten for a whole day for no food/no money to buy food	discrete	numeric
V491	chskips	1=child skips meals for no food/no money to buy food	discrete	numeric
V492	chungry	1=child ever hungry but couldn't afford food	discrete	numeric
V493	cnoteat	1=child not eaten for a whole day for no food/no money to buy food	discrete	numeric
V494	fsindex	food insecurity index (# of negative experiences)	discrete	numeric
V495	tfexp	total anual household food expenditure(GHC)	contin	numeric
V496	impfexpsh		contin	numeric
V497	tfexp_up		contin	numeric
V498	foodexp	estimated annual food expenditure	contin	numeric
V499	nfoodexp	estimated annual nonfood & services expenditure	contin	numeric
V500	hhexp	estimated annual household expenditure	contin	numeric
V501	hhexpt		contin	numeric
V502	hhcexp	total consumption expenditure (tfexp+ nfoodexp)	contin	numeric
V503	hhcexp_up		contin	numeric
V504	hhcexpt		contin	numeric
V505	hhcexp_upt		contin	numeric
V506	welf	household welfare (adult equivalent consumption expenditure)	contin	numeric
V507	welf_up	household welfare after accounting for consumption of own produce	contin	numeric
V508	welft	trimmed adult equivalent consumption expenditure	contin	numeric
V509	welf_upt	trimmed welf_up	contin	numeric
V510	fdexpsh1		contin	numeric
V511	fdexpsh2		contin	numeric
V512	poor1		discrete	numeric
V513	poor2		discrete	numeric
V514	wall	What is the principal material for the exterior walls of the house?	discrete	numeric
V515	roof	What is the principal material for the roofing of the house?	discrete	numeric
V516	floor	What is the principal material for the floor of the house?	discrete	numeric
V517	dwater	What is the main source of drinking water	discrete	numeric

V518	owater	What is the main source of water for other purposes?	discrete	numeric
V519	distwater	How long (in minutes) does it take to get to and back from the main water source	contin	numeric
V520	distwatert		contin	numeric
V521	electric	1=connected to electricity	discrete	numeric
V522	welfq1	5 quantiles of welft	discrete	numeric
V523	welfq2	5 quantiles of welf_upt	discrete	numeric
V524	getinoc1	where==Purchased from SARI	discrete	numeric
V525	getinoc2	where==Purchased from agro-input dealer	discrete	numeric
V526	getinoc3	where==Purchased from NGOs	discrete	numeric
V527	getinoc4	where==Purchased from MoFA	discrete	numeric
V528	getinoc5	where==Other (specify)	discrete	numeric
V529	why1	whynot==Don't know where to obtain it	discrete	numeric
V530	why3	whynot==Can't afford	discrete	numeric
V531	why4	whynot==Don't know how to use it	discrete	numeric
V532	why5	whynot==Can't afford mineral fertilizer	discrete	numeric
V533	why2	whynot==Other (specify)	discrete	numeric
V534	where1	source2014==Purchased from NGOs	discrete	numeric
V535	where3	source2014==Gift	discrete	numeric
V536	where4	source2014==Purchased from SARI	discrete	numeric
V537	where5	source2014==Purchased from MoFA	discrete	numeric
V538	where6	source2014==Purchased from agro-input dealer	discrete	numeric
V539	where2	source2014==Other (specify)	discrete	numeric
V540	exppgramt		contin	numeric
V541	hflabsh	family labour share of total farm labour	contin	numeric
V542	hhlabsh	hired labour share of total farm labour	contin	numeric
V543	hffmlsh	female family labour share of total family labour	contin	numeric
V544	nolivstok	number of different types of livestock owned (out of 8)	discrete	numeric
V545	walld	1=unimproved wall	discrete	numeric
V546	hlandt		contin	numeric
V547	hloan	1=household recieved credit	discrete	numeric
V548	slon1	sloan==Friends or relatives	discrete	numeric
V549	slon2	sloan==Local money lenders	discrete	numeric
V550	slon3	sloan==Banks	discrete	numeric
V551	slon4	sloan==NGOs (specify)	discrete	numeric
V552	slon5	sloan==Non bank financial institution (including MFI)	discrete	numeric
V553	loanamt	loan amout in USD	contin	numeric
V554	loanintd		discrete	numeric
V555	loanint	interest on loan (USD)	contin	numeric
V556	inpcrdit	1=received input credit	discrete	numeric
V557	vinpcrdit	value of input credit (USD)	contin	numeric



V558	vinpcrditt		contin	numeric
V559	np1	nplots== 1.0000	discrete	numeric
V560	np2	nplots== 2.0000	discrete	numeric
V561	np3	nplots== 3.0000	discrete	numeric
V562	np4	nplots== 4.0000	discrete	numeric
V563	disput	1=had disbute over a plot	discrete	numeric
V564	tsecdummy	1=can leave land without fear of loss	discrete	numeric
V565	yrstsec	number of years land can be left	contin	numeric
V566	plotsize		contin	numeric
V567	plotsiz		contin	numeric
V568	t		discrete	numeric
V569	V569		discrete	numeric



(hid)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 7	Minimum: 1010101
Decimals: 0	Maximum: 3031110
Range: 1010101-3031110	Mean: 1416552.6
	Standard deviation: 666108.7

Community ID (cid)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 10101
Decimals: 0	Maximum: 30311
Range: 10101-30311	Mean: 14165.5
	Standard deviation: 6661.1

Region (region)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 1-3	

District (district)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 3	
Decimals: 0	
Range: 101-303	

Community (community)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	
Decimals: 0	
Range: 10101-30314	

## FBO Name (fbname)

### File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: character  
Width: 40

Valid cases: 1595  
Invalid: 0

## FBO Member (fbomem)

### File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: character  
Width: 30

Valid cases: 1595  
Invalid: 0

## FBO ID (fboid)

### File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 8  
Decimals: 0  
Range: 10185062-39470169

Valid cases: 1595  
Invalid: 0  
Minimum: 10185062  
Maximum: 39470169  
Mean: 21607629.5  
Standard deviation: 8396751

## Treatment Arms (tg)

### File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-3

Valid cases: 1595  
Invalid: 0

## 1=female headed household (fhead)

### File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

## age of household head (hage)

### File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 20-103

Valid cases: 1595  
 Invalid: 0  
 Minimum: 20  
 Maximum: 103  
 Mean: 47  
 Standard deviation: 14.5

## marital status of household head (hmstatus)

File: gha-agra-2016-v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

Valid cases: 1595  
 Invalid: 0

## 1=married or concensual union (union)

File: gha-agra-2016-v1

### Overview

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

Valid cases: 1595  
 Invalid: 0

## religious affiliation of household head (hrel)

File: gha-agra-2016-v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-3

Valid cases: 1595  
 Invalid: 0

## age of household's spouse (sage)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 13.5-85

Valid cases: 1595  
 Invalid: 0  
 Minimum: 13.5  
 Maximum: 85  
 Mean: 36.8  
 Standard deviation: 10.9

## household size (hhsiz)

File: gha-agra-2016-v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-20

Valid cases: 1595  
 Invalid: 0

## adult equivalent household size (eqsc)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 2  
 Range: 0.449999988079071-13.8900003433228

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0.5  
 Maximum: 13.9  
 Mean: 3.8  
 Standard deviation: 1.9

## members <15 year old (dep1)

File: gha-agra-2016-v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-14

Valid cases: 1595  
 Invalid: 0

## members >64 year old (dep2)

File: gha-agra-2016-v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-3

Valid cases: 1595  
 Invalid: 0

## no of dependenats (0-14 + >64) (dep)

File: gha-agra-2016-v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-14

Valid cases: 1595  
 Invalid: 0

## working age members (15-64 years) (wkage1)

File: gha-agra-2016-v1

### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-13

Valid cases: 1595  
 Invalid: 0

## % members below 15 (pdep1)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-100

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 44.8  
 Standard deviation: 19.5

## % members above 64 (pdep2)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-100

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 3.9  
 Standard deviation: 9.5

## % dependants (pdep)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-100

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 48.6  
 Standard deviation: 18.9

## % working-age members (pworkp)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-100

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 100  
 Mean: 51.4  
 Standard deviation: 18.9

## 1=head ever attended school (heducd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

1=spouse of head ever attended school (seducd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

years of formal education of household head (hyrsedu)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-14

Valid cases: 1595  
 Invalid: 0

years of formal education of household head's spouse (syrsedu)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-22

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 22  
 Mean: 0.9  
 Standard deviation: 2.8

levels of education of household head (heducat)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-3

Valid cases: 1595  
 Invalid: 0

1=head can read in english (hread)

File: gha-agra-2016-v1

**Overview**



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

Valid cases: 1595  
 Invalid: 0

1=head can write in english (hwrite)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=owns phone (asset1)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Motor bike (asset2)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Bicycle (asset3)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=TV-set (asset4)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Automobile (asset5)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Sewing machine (asset6)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Cooking stove (asset7)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Sofa set (asset8)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Blender (asset9)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

1=Refrigerator (asset10)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

number of different assets owned (noasset)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

household land (ha) (hland)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.404694467782974-80.9388885498047

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0.4  
 Maximum: 80.9  
 Mean: 4.9  
 Standard deviation: 5

number of plots per household (nplots)

File: gha-agra-2016-v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-10

Valid cases: 1595  
 Invalid: 0

share of plots with head being main decision maker (hpdsh)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.8  
 Standard deviation: 0.4

## share of plots with joint decision making (hjdsh)

File: gha-agra-2016-v1

### Overview

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

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.3  
 Standard deviation: 0.4

## household cultivated land (ha) (hcland)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-37.2318916320801

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 37.2  
 Mean: 3.6  
 Standard deviation: 3.1

## (hclandt)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.526102781295776-14.5690002441406

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0.5  
 Maximum: 14.6  
 Mean: 3.5  
 Standard deviation: 2.5

## household fallow land (ha) (hfland)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-75.2731628417969

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 75.3  
 Mean: 1.3  
 Standard deviation: 3.5

1=household leaves land fallow (hfallowd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hrice)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hmaize)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hmillet)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hsorghum)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hGnut)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hsoybean)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hcassava)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hyam)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hcowpea)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hokro)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hpapper)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hmelon)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hmango)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(htomato)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hsaladv)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hcotton)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hothor)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

legume producers (leg)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

household level number of crops per plot (hcropspp)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1578  
 Invalid: 17



1=household has an irrigated plot (hirrigat)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

mean distance from home to plots (hpdist)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 0-56.3269004821777

Valid cases: 1595  
Invalid: 0  
Minimum: 0  
Maximum: 56.3  
Mean: 3.1  
Standard deviation: 4.5

(hpdistt)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-20

Valid cases: 1595  
Invalid: 0  
Minimum: 0  
Maximum: 20  
Mean: 2.7  
Standard deviation: 2.6

household level rice farm size (ha) (hricefs)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 0.152569815516472-20.2347221374512

Valid cases: 396  
Invalid: 1199  
Minimum: 0.2  
Maximum: 20.2  
Mean: 1.6  
Standard deviation: 1.9

(hricefst)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 17  
Decimals: 0  
Range: 0.152569815516472-8.90327835083008

Valid cases: 396  
Invalid: 1199  
Minimum: 0.2  
Maximum: 8.9  
Mean: 1.5  
Standard deviation: 1.4

## household level maize farm size (ha) (hmaizefs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0890327766537666-21.3476333618164

Valid cases: 1311  
 Invalid: 284  
 Minimum: 0.1  
 Maximum: 21.3  
 Mean: 1.8  
 Standard deviation: 1.6

## (hmaizefst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0890327766537666-8.0938892364502

Valid cases: 1311  
 Invalid: 284  
 Minimum: 0.1  
 Maximum: 8.1  
 Mean: 1.7  
 Standard deviation: 1.3

## household level millet farm size (ha) (hmiletfs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.117361389100552-9.97571849822998

Valid cases: 431  
 Invalid: 1164  
 Minimum: 0.1  
 Maximum: 10  
 Mean: 1.4  
 Standard deviation: 1.1

## (hmiletfst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.117361389100552-5.15985441207886

Valid cases: 431  
 Invalid: 1164  
 Minimum: 0.1  
 Maximum: 5.2  
 Mean: 1.3  
 Standard deviation: 0.9

## household level sorghum farm size (ha) (hsogfs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.117361389100552-9.71266746520996

Valid cases: 205  
 Invalid: 1390  
 Minimum: 0.1  
 Maximum: 9.7  
 Mean: 1.3  
 Standard deviation: 1.2

(hsogfst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.117361389100552-5.01821136474609

Valid cases: 205  
 Invalid: 1390  
 Minimum: 0.1  
 Maximum: 5  
 Mean: 1.2  
 Standard deviation: 0.9

household level groundnut farm size (ha) (hgntfsts)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0938891172409058-8.94374752044678

Valid cases: 686  
 Invalid: 909  
 Minimum: 0.1  
 Maximum: 8.9  
 Mean: 1.3  
 Standard deviation: 1.1

(hgntfst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0938891172409058-5.98947811126709

Valid cases: 686  
 Invalid: 909  
 Minimum: 0.1  
 Maximum: 6  
 Mean: 1.3  
 Standard deviation: 0.9

household level soy bean farm size (ha) (hsoyfs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0890327766537666-17.7053813934326

Valid cases: 717  
 Invalid: 878  
 Minimum: 0.1  
 Maximum: 17.7  
 Mean: 1.2  
 Standard deviation: 1.1

(hsoyfst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0890327766537666-4.73492527008057

Valid cases: 717  
 Invalid: 878  
 Minimum: 0.1  
 Maximum: 4.7  
 Mean: 1.1  
 Standard deviation: 0.8

## household level yam farm size (ha) (hyamfs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.161877781152725-9.03277969360352

Valid cases: 577  
 Invalid: 1018  
 Minimum: 0.2  
 Maximum: 9  
 Mean: 1.5  
 Standard deviation: 1.2

## (hyamfst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.161877781152725-5.75070810317993

Valid cases: 577  
 Invalid: 1018  
 Minimum: 0.2  
 Maximum: 5.8  
 Mean: 1.4  
 Standard deviation: 1

## household level cowpea farm size (ha) (hcowpeafs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.161877781152725-5.5159854888916

Valid cases: 163  
 Invalid: 1432  
 Minimum: 0.2  
 Maximum: 5.5  
 Mean: 0.9  
 Standard deviation: 0.7

## (hcowpeafst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.161877781152725-2.7519223690033

Valid cases: 163  
 Invalid: 1432  
 Minimum: 0.2  
 Maximum: 2.8  
 Mean: 0.9  
 Standard deviation: 0.6

## household level cassava farm size (ha) (hcasavafs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-7.89154195785522

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 7.9  
 Mean: 0.2  
 Standard deviation: 0.6

(hcasavafst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.202347233891487-2.63051390647888

Valid cases: 1455  
 Invalid: 140  
 Minimum: 0.2  
 Maximum: 2.6  
 Mean: 0.9  
 Standard deviation: 0.4

average number of years cultivating plots (hyrscult)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-50

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 50  
 Mean: 11.9  
 Standard deviation: 8.6

average number of years plots are secure (hyrstsec)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 5  
 Mean: 3.6  
 Standard deviation: 2.1

household level actual cost of clearing (hclcosta)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-1850

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1850  
 Mean: 30.3  
 Standard deviation: 108.5

household level imputed cost of clearing (hclcosti)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-5600

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 5600  
 Mean: 122.5  
 Standard deviation: 263.6

## household level total cost of clearing (hclcost)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5600
Range: 0-5600	Mean: 152.9
	Standard deviation: 289.6

## household level actual cost of ploughing (hplcosta)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5200
Range: 0-5200	Mean: 263.1
	Standard deviation: 376.7

## household level imputed cost of ploughing (hplcosti)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 10000
Range: 0-10000	Mean: 311.9
	Standard deviation: 491.9

## household level total cost of ploughing (hplcost)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 10800
Range: 0-10800	Mean: 575
	Standard deviation: 646.7

## household level actual cost of planting (hpltcosta)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1750
Range: 0-1750	Mean: 54.8
	Standard deviation: 141.3

## household level imputed cost of planting (hpltcosti)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 3350
Range: 0-3350	Mean: 168.7
	Standard deviation: 239.2

## household level total cost of planting (hpltcost)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 3500
Range: 0-3500	Mean: 223.5
	Standard deviation: 284.6

## household level actual cost of chemical application (hchcosta)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5000
Range: 0-5000	Mean: 15.7
	Standard deviation: 135

## household level imputed cost of chemical application (hchcosti)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 2100
Range: 0-2100	Mean: 67.2
	Standard deviation: 126

## household level total cost of chemical application (hchcost)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5100
Range: 0-5100	Mean: 82.9
	Standard deviation: 185.8

## household level actual cost of weeding (hwdcosta)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4700
Range: 0-4700	Mean: 138.8
	Standard deviation: 283.1

## household level imputed cost of weeding (hwdcosti)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 3115
Range: 0-3115	Mean: 204.9
	Standard deviation: 256.7

## household level total cost of weeding (hwdcost)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4700
Range: 0-4700	Mean: 343.7
	Standard deviation: 383.4

## household level actual cost of harvesting (hhvcosta)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 2523
Range: 0-2523	Mean: 76.2
	Standard deviation: 210.7

## household level imputed cost of harvesting (hhvcosti)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 3760
Range: 0-3760	Mean: 242.7
	Standard deviation: 340.4



## household level total cost of harvesting (hhvcost)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4909
Range: 0-4909	Mean: 318.8
	Standard deviation: 423.9

## actual cost of farm activities-clearing to harvest (hcltohvca)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9155
Range: 0-9155	Mean: 578.9
	Standard deviation: 836.1

## actual per hectare cost of farm activities-clearing to harvest (hcltohvcaph)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 16	Minimum: 0
Decimals: 0	Maximum: 2788.7
Range: 0-2788.69995117188	Mean: 166
	Standard deviation: 181.3

## imputed cost of farm activities-clearing to harvest (hcltohvci)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 29
Decimals: 0	Maximum: 12880
Range: 29-12880	Mean: 1122.6
	Standard deviation: 1203.6

## imputed per hectare cost of farm activities-clearing to harvest (hcltohvciph)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 6.17750024795532-7072.55126953125

Valid cases: 1595  
 Invalid: 0  
 Minimum: 6.2  
 Maximum: 7072.6  
 Mean: 350.7  
 Standard deviation: 315.7

## total cost of farm activities-clearing to harvest (hcltohvc)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 30-14659

Valid cases: 1595  
 Invalid: 0  
 Minimum: 30  
 Maximum: 14659  
 Mean: 1701.5  
 Standard deviation: 1660.7

## total per hectare cost of farm activities-clearing to harvest (hcltohvcph)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 6.17750024795532-7072.55126953125

Valid cases: 1595  
 Invalid: 0  
 Minimum: 6.2  
 Maximum: 7072.6  
 Mean: 516.7  
 Standard deviation: 373.1

## share of imputed cost in total cost of farm activities (imcostsh)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0265957452356815-1

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.7  
 Standard deviation: 0.2

## (imcostphsh)

File: gha-agra-2016-v1

### Overview

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0265957452356815-1

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.7  
 Standard deviation: 0.2

## household level seed cost (hpseedc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 0-10015

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 10015  
 Mean: 102  
 Standard deviation: 346

## 1=household used improved maize variety (hiasmzvar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1318  
 Invalid: 277

## 1=household used improved soymean variety (hiassyvar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 720  
 Invalid: 875

## (hiasgnvar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 689  
 Invalid: 906

## (hiasymvar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 578  
 Invalid: 1017

(hiasmlvar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 433  
 Invalid: 1162

(hiasrivar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 398  
 Invalid: 1197

(hiassovar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 206  
 Invalid: 1389

(hiascwvar)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 166  
 Invalid: 1429

1=household level chemical use dummy (hchemd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## household level cost of chemicals (GHC) (hchemc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 5  
Decimals: 0  
Range: 0-23400

Valid cases: 1595  
Invalid: 0  
Minimum: 0  
Maximum: 23400  
Mean: 552.5  
Standard deviation: 1111.2

## (hchemct)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 0-5268

Valid cases: 1595  
Invalid: 0  
Minimum: 0  
Maximum: 5268  
Mean: 486.8  
Standard deviation: 697

## per hectare cost of chemicals (hchemcpha)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 16  
Decimals: 0  
Range: 0-2293.08813476562

Valid cases: 1595  
Invalid: 0  
Minimum: 0  
Maximum: 2293.1  
Mean: 150.9  
Standard deviation: 202

## household level fertilizer use dummy (hfertd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
Invalid: 0

## household level quantity of fertilizer used (kg) (hfertq)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
Format: numeric  
Width: 18  
Decimals: 0  
Range: 0.0020000000949949-13000

Valid cases: 904  
Invalid: 691  
Minimum: 0  
Maximum: 13000  
Mean: 506.2  
Standard deviation: 876.4

## household level quantity of fertilizer used (L) (hfertL)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 95
Format: numeric	Invalid: 1500
Width: 3	Minimum: 1
Decimals: 0	Maximum: 180
Range: 1-180	Mean: 12.1
	Standard deviation: 20.3

## quantity of fertilizer used (kg)--hfertq+hfertL (fertq)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 13000
Range: 0-13000	Mean: 287.6
	Standard deviation: 705.7

## (fertqt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4000
Range: 0-4000	Mean: 255.4
	Standard deviation: 501.9

## per hectare quantity of fertilizers (fertqpha)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 15	Minimum: 0
Decimals: 0	Maximum: 855.3
Range: 0-855.34619140625	Mean: 70.2
	Standard deviation: 107.5

## 1=husehold used green manure (hgmanure)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

1=husehold used animal manure (hamanure)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=husehold used compost (hcompost)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=used some organic manure (organicm)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=uses inorganic fertilizer (i.e. animal manure, compost or green manure) (organic)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=have heard of inoculants (heardinoc)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

(radio\_tv)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

(radio\_club)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

(FBO)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

(phone)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

(friends)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108



(extension)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

(SARI)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

(inputdealer)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

main source of inoculant information (msource)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 1-15

Valid cases: 487  
 Invalid: 1108

year heard of inoculants (yrheard)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 2005-2015

Valid cases: 487  
 Invalid: 1108

## months since heard about inoculants (monthsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-121

Valid cases: 487  
 Invalid: 1108  
 Minimum: 1  
 Maximum: 121  
 Mean: 18.9  
 Standard deviation: 14

## Do you know where to get inoculants? (1=Yes) (knowwhere)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

## S3F06 (where)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

Valid cases: 102  
 Invalid: 1493

## S3F07 (mwhere)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

Valid cases: 102  
 Invalid: 1493

## 1=used inoculants (F8) (used)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 487  
 Invalid: 1108

same as used but setting missing=0 (use)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

(F9) (whynot)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 361  
Invalid: 1234

quantity used in 2014 season (grams) (qtyinoc)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 4  
Decimals: 0  
Range: 1-3000

Valid cases: 105  
Invalid: 1490  
Minimum: 1  
Maximum: 3000  
Mean: 130.8  
Standard deviation: 296.7

(qtyinoct)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 2-400

Valid cases: 105  
Invalid: 1490  
Minimum: 2  
Maximum: 400  
Mean: 104.2  
Standard deviation: 77.9

How did you obtain the inoculants (source2014)

File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 1-7

Valid cases: 105  
Invalid: 1490

## quantity of inoculants purchased in 2014(grams) (qinocbot)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 53
Format: numeric	Invalid: 1542
Width: 3	Minimum: 1
Decimals: 0	Maximum: 500
Range: 1-500	Mean: 137
	Standard deviation: 115

## expenditure on inoculant purchase in 2014 (inocexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 49
Format: numeric	Invalid: 1546
Width: 2	Minimum: 3
Decimals: 0	Maximum: 75
Range: 3-75	Mean: 24.8
	Standard deviation: 14.9

## (inocexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 49
Format: numeric	Invalid: 1546
Width: 2	Minimum: 5
Decimals: 0	Maximum: 60
Range: 5-60	Mean: 23.9
	Standard deviation: 12.7

## per gram expenditure on inoculant in 2014 (exppgram)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 49
Format: numeric	Invalid: 1546
Width: 19	Minimum: 0
Decimals: 0	Maximum: 22.5
Range: 0.006000000005215406-22.5	Mean: 2.6
	Standard deviation: 5.9

## 1=willing to purchase (willbuy)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 51
Format: numeric	Invalid: 1544
Width: 1	
Decimals: 0	
Range: 0-1	

1=inoculated groundnut (F18) (inocgnut)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=inoculated cowpea (F18) (inocowpea)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=inoculated soy bean (F18) (inocsoy)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=cheaper than mineral fertilizer (F19) (cheaper)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=increased yields (F19) (incresyld)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=avoid negative effects of mineral fertilizer (F19) (negeffect)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=reduces pest including striga (F19) (striga\_pest)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=have problems handling inoculants (F20) (handle)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
Invalid: 1469

1=storage problems (storage)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 15  
Invalid: 1580

1=loss of viability (viability)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 15  
Invalid: 1580

1=other problems (other)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 15  
Invalid: 1580

F23 (inoctrain)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 487  
Invalid: 1108

1=will like to use inoculants (F24) (liketouse)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1469  
Invalid: 126

1=will like to inoculated groundnut (F25) (winocgnut)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1398  
Invalid: 197

1=will like to inoculated cowpea (F25) (winocowpea)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1398  
Invalid: 197

1=will like to inoculated soy bean (F25) (winocsoy)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1398  
Invalid: 197

quantity of inoculants needed in a year (grams) (inocneed)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-900

Valid cases: 584  
Invalid: 1011  
Minimum: 1  
Maximum: 900  
Mean: 189.1  
Standard deviation: 189.2

(inocneedt)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 3-800

Valid cases: 584  
Invalid: 1011  
Minimum: 3  
Maximum: 800  
Mean: 188.6  
Standard deviation: 161.2

F28 (expinocarea)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 1-900

Valid cases: 1169  
Invalid: 426  
Minimum: 1  
Maximum: 900  
Mean: 6.1  
Standard deviation: 34.5

(expinocareat)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 1-26

Valid cases: 1169  
Invalid: 426  
Minimum: 1  
Maximum: 26  
Mean: 3.9  
Standard deviation: 3.2



## household-level female family mandays (hffmdays)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 627
Range: 0-627	Mean: 66.1
	Standard deviation: 69.5

## household-level male family mandays (hmfmdays)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 911
Range: 0-911	Mean: 97.6
	Standard deviation: 101.2

## household-level family mandays (hfmdays)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 3
Decimals: 0	Maximum: 1396
Range: 3-1396	Mean: 163.7
	Standard deviation: 154.3

## per hectare household-level family mandays (hfmdaysph)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 17	Minimum: 0.8
Decimals: 0	Maximum: 574.9
Range: 0.823666632175446-574.919372558594	Mean: 56.6
	Standard deviation: 50.1

## (hfmdayspht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 16	Minimum: 3.5
Decimals: 0	Maximum: 227.3
Range: 3.52999997138977-227.332015991211	Mean: 54.7
	Standard deviation: 41.6

## household-level communal mandays (hcmdays)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-1144

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1144  
 Mean: 33.6  
 Standard deviation: 61.9

## household-level hired labour mandays (hhmdays)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-629

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 629  
 Mean: 40.1  
 Standard deviation: 67.9

## per hectare household-level hired labour mandays (hhmdaysph)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-191.914337158203

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 191.9  
 Mean: 12.4  
 Standard deviation: 19.3

## household-level farm labour mandays (hflmdays)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-2351

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 2351  
 Mean: 237  
 Standard deviation: 195.6

## per hectare household-level farm labour mandays (hflmdaysph)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 2.03494119644165-790.1708984375

Valid cases: 1595  
 Invalid: 0  
 Minimum: 2  
 Maximum: 790.2  
 Mean: 80.1  
 Standard deviation: 57.6

(hflmdayspht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 11.9431667327881-272.798400878906

Valid cases: 1595  
 Invalid: 0  
 Minimum: 11.9  
 Maximum: 272.8  
 Mean: 78.1  
 Standard deviation: 46.6

1=harvested maize (hhmz)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhsoyb)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhgnut)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhyam)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhmil)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhsog)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhrice)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhcowp)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhcas)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhokro)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhpep)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hhcott)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

quantity of maize harvested (kg) (hqmzh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 1-60000

Valid cases: 1302  
 Invalid: 293  
 Minimum: 1  
 Maximum: 60000  
 Mean: 1782.5  
 Standard deviation: 3835.7

(hqmzht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 28-18000

Valid cases: 1302  
 Invalid: 293  
 Minimum: 28  
 Maximum: 18000  
 Mean: 1564.6  
 Standard deviation: 2508.9

(hqsoybh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 2-15805

Valid cases: 797  
 Invalid: 798  
 Minimum: 2  
 Maximum: 15805  
 Mean: 671.3  
 Standard deviation: 944.6

(hqsoybht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 16.7999992370605-4360

Valid cases: 795  
 Invalid: 800  
 Minimum: 16.8  
 Maximum: 4360  
 Mean: 618  
 Standard deviation: 629.2

(hqgnuth)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 4-8610

Valid cases: 665  
 Invalid: 930  
 Minimum: 4  
 Maximum: 8610  
 Mean: 778.7  
 Standard deviation: 1047.6

(hqgnutht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 33-4510

Valid cases: 665  
 Invalid: 930  
 Minimum: 33  
 Maximum: 4510  
 Mean: 717.6  
 Standard deviation: 800

(hqyamh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 250-2500000

Valid cases: 554  
 Invalid: 1041  
 Minimum: 250  
 Maximum: 2500000  
 Mean: 30973.4  
 Standard deviation: 205237.9

(hqyamht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 553
Format: numeric	Invalid: 1042
Width: 6	Minimum: 110
Decimals: 0	Maximum: 300000
Range: 110-300000	Mean: 4533.6
	Standard deviation: 23356.6

(hqmilh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 420
Format: numeric	Invalid: 1175
Width: 4	Minimum: 5
Decimals: 0	Maximum: 9300
Range: 5-9300	Mean: 495.7
	Standard deviation: 716.8

(hqmilht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 418
Format: numeric	Invalid: 1177
Width: 4	Minimum: 35
Decimals: 0	Maximum: 2232
Range: 35-2232	Mean: 448.5
	Standard deviation: 406.8

(hqsogh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 189
Format: numeric	Invalid: 1406
Width: 4	Minimum: 12.5
Decimals: 0	Maximum: 3720
Range: 12.5-3720	Mean: 430.9
	Standard deviation: 517.6

(hqsoght)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 1407
Width: 4	Minimum: 25
Decimals: 0	Maximum: 2232
Range: 25-2232	Mean: 399.5
	Standard deviation: 422.2

(hqriceh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 3-13020

Valid cases: 385  
 Invalid: 1210  
 Minimum: 3  
 Maximum: 13020  
 Mean: 1313.9  
 Standard deviation: 1702.3

(hqriceht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 84-9200

Valid cases: 384  
 Invalid: 1211  
 Minimum: 84  
 Maximum: 9200  
 Mean: 1221.7  
 Standard deviation: 1393.5

(hqcowph)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 6.19999980926514-6540

Valid cases: 148  
 Invalid: 1447  
 Minimum: 6.2  
 Maximum: 6540  
 Mean: 334.9  
 Standard deviation: 772.8

total maize output (actual+expected) (mzaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 1-60000

Valid cases: 1306  
 Invalid: 289  
 Minimum: 1  
 Maximum: 60000  
 Mean: 1970.3  
 Standard deviation: 3956.2

(mzaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 30.7999992370606-19700

Valid cases: 1302  
 Invalid: 293  
 Minimum: 30.8  
 Maximum: 19700  
 Mean: 1746.6  
 Standard deviation: 2691



## total soybean output (actual+expected) (syaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 2-15805

Valid cases: 800  
 Invalid: 795  
 Minimum: 2  
 Maximum: 15805  
 Mean: 739  
 Standard deviation: 1016.5

## (syaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 16.7999992370605-4796

Valid cases: 795  
 Invalid: 800  
 Minimum: 16.8  
 Maximum: 4796  
 Mean: 687.4  
 Standard deviation: 738.1

## total groundnut output (actual+expected) (gnaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 4-16400

Valid cases: 666  
 Invalid: 929  
 Minimum: 4  
 Maximum: 16400  
 Mean: 919.1  
 Standard deviation: 1338.1

## (gnaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 33-5740

Valid cases: 665  
 Invalid: 930  
 Minimum: 33  
 Maximum: 5740  
 Mean: 848.1  
 Standard deviation: 997.6

## total yam output (actual+expected) (ymaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 7  
 Decimals: 0  
 Range: 200-2500000

Valid cases: 563  
 Invalid: 1032  
 Minimum: 200  
 Maximum: 2500000  
 Mean: 31047  
 Standard deviation: 203695.4

(ymaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 110-300000

Valid cases: 553  
 Invalid: 1042  
 Minimum: 110  
 Maximum: 300000  
 Mean: 4622.3  
 Standard deviation: 23441.4

total millet output (actual+expected) (mlaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 5-9300

Valid cases: 424  
 Invalid: 1171  
 Minimum: 5  
 Maximum: 9300  
 Mean: 671.1  
 Standard deviation: 983.3

(mlaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 35-3720

Valid cases: 418  
 Invalid: 1177  
 Minimum: 35  
 Maximum: 3720  
 Mean: 614.2  
 Standard deviation: 733.1

total rice output (actual+expected) (riaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 3-36792

Valid cases: 386  
 Invalid: 1209  
 Minimum: 3  
 Maximum: 36792  
 Mean: 1520.9  
 Standard deviation: 2505.8

(riaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 84-9200

Valid cases: 384  
 Invalid: 1211  
 Minimum: 84  
 Maximum: 9200  
 Mean: 1359.9  
 Standard deviation: 1518.1

## total sorghum output (actual+expected) (soaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 194
Format: numeric	Invalid: 1401
Width: 4	Minimum: 12.5
Decimals: 0	Maximum: 6138
Range: 12.5-6138	Mean: 514.5
	Standard deviation: 719.1

## (soaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 1407
Width: 4	Minimum: 25
Decimals: 0	Maximum: 3255
Range: 25-3255	Mean: 473.7
	Standard deviation: 556.5

## total cowpea output (actual+expected) (cwaplusexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 155
Format: numeric	Invalid: 1440
Width: 16	Minimum: 6.2
Decimals: 0	Maximum: 6540
Range: 6.19999980926514-6540	Mean: 331
	Standard deviation: 755.4

## (cwaplusexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 146
Format: numeric	Invalid: 1449
Width: 16	Minimum: 18.6
Decimals: 0	Maximum: 2180
Range: 18.6000003814697-2180	Mean: 253.4
	Standard deviation: 257.1

## (hqcowpht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 146
Format: numeric	Invalid: 1449
Width: 16	Minimum: 18.6
Decimals: 0	Maximum: 2180
Range: 18.6000003814697-2180	Mean: 253.4
	Standard deviation: 257.1

## maize yield (kg/ha) (mzyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 19.1223106384277-6589.33349609375

Valid cases: 1276  
 Invalid: 319  
 Minimum: 19.1  
 Maximum: 6589.3  
 Mean: 876.1  
 Standard deviation: 905.6

## maize yield (kg/ha)-accounting for expected output (tmzyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 19.1223106384277-15116.70703125

Valid cases: 1276  
 Invalid: 319  
 Minimum: 19.1  
 Maximum: 15116.7  
 Mean: 980.8  
 Standard deviation: 1075.5

## soybean yield (kg/ha) (syyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 11.9289655685425-6501.2861328125

Valid cases: 686  
 Invalid: 909  
 Minimum: 11.9  
 Maximum: 6501.3  
 Mean: 661.6  
 Standard deviation: 668.9

## soybean yield (kg/ha)-accounting for expected output (tsyyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 11.9289655685425-6501.2861328125

Valid cases: 686  
 Invalid: 909  
 Minimum: 11.9  
 Maximum: 6501.3  
 Mean: 730.8  
 Standard deviation: 776.2

## groundnut yield (kg/ha) (gnyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 25.0901546478272-4675.892578125

Valid cases: 653  
 Invalid: 942  
 Minimum: 25.1  
 Maximum: 4675.9  
 Mean: 602  
 Standard deviation: 575.3

## groundnut yield (kg/ha)-accounting for expected output (tgnyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 25.0901546478272-7978.2412109375

Valid cases: 653  
 Invalid: 942  
 Minimum: 25.1  
 Maximum: 7978.2  
 Mean: 712.3  
 Standard deviation: 781.4

## yam yield (kg/ha) (ymyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: 44.125-336954.5625

Valid cases: 544  
 Invalid: 1051  
 Minimum: 44.1  
 Maximum: 336954.6  
 Mean: 4541.2  
 Standard deviation: 24671.7

## yam yield (kg/ha)-accounting for expected output (tymyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 11  
 Decimals: 0  
 Range: 44.125-336954.5625

Valid cases: 544  
 Invalid: 1051  
 Minimum: 44.1  
 Maximum: 336954.6  
 Mean: 4576.6  
 Standard deviation: 24669.9

## millet yield (kg/ha) (mlyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 44.3512840270996-1981.06030273438

Valid cases: 409  
 Invalid: 1186  
 Minimum: 44.4  
 Maximum: 1981.1  
 Mean: 387.4  
 Standard deviation: 299.9

## millet yield (kg/ha)-accounting for expected output (tmlyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 44.3512840270996-2641.41381835938

Valid cases: 409  
 Invalid: 1186  
 Minimum: 44.4  
 Maximum: 2641.4  
 Mean: 487.8  
 Standard deviation: 441.9

## rice yield (kg/ha) (riyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 31.4490928649902-11366.599609375

Valid cases: 378  
 Invalid: 1217  
 Minimum: 31.4  
 Maximum: 11366.6  
 Mean: 928.9  
 Standard deviation: 941

## rice yield (kg/ha)-accounting for expected output (triyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 31.4490928649902-11366.599609375

Valid cases: 378  
 Invalid: 1217  
 Minimum: 31.4  
 Maximum: 11366.6  
 Mean: 1026.3  
 Standard deviation: 1007.3

## sorghum yield (kg/ha) (soyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 37.064998626709-2154.40307617188

Valid cases: 174  
 Invalid: 1421  
 Minimum: 37.1  
 Maximum: 2154.4  
 Mean: 417.3  
 Standard deviation: 408.2

## sorghum yield (kg/ha)-accounting for expected output (tsoyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 41.1833305358887-2872.53735351562

Valid cases: 174  
 Invalid: 1421  
 Minimum: 41.2  
 Maximum: 2872.5  
 Mean: 467.9  
 Standard deviation: 485.4

## cowpear yield (kg/ha) (cwyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 24.6217498779297-6733.47509765625

Valid cases: 134  
 Invalid: 1461  
 Minimum: 24.6  
 Maximum: 6733.5  
 Mean: 365.1  
 Standard deviation: 634.5

## cowpear yield (kg/ha)-accounting for expected output (tcwyld)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 134
Format: numeric	Invalid: 1461
Width: 16	Minimum: 24.6
Decimals: 0	Maximum: 6733.5
Range: 24.6217498779297-6733.47509765625	Mean: 365.1
	Standard deviation: 634.5

## expected quantity of maize to be harvested (hexpqmzh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 107
Format: numeric	Invalid: 1488
Width: 5	Minimum: 200
Decimals: 0	Maximum: 23000
Range: 200-23000	Mean: 2359.8
	Standard deviation: 2568.1

## (hexpqmzht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 107
Format: numeric	Invalid: 1488
Width: 4	Minimum: 300
Decimals: 0	Maximum: 7000
Range: 300-7000	Mean: 2187.4
	Standard deviation: 1444.4

## (hexpqsoybh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 50
Format: numeric	Invalid: 1545
Width: 4	Minimum: 109
Decimals: 0	Maximum: 3270
Range: 109-3270	Mean: 1122.9
	Standard deviation: 768.4

## (hexpqsoybht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 50
Format: numeric	Invalid: 1545
Width: 4	Minimum: 218
Decimals: 0	Maximum: 2180
Range: 218-2180	Mean: 1088
	Standard deviation: 639

(hexpqgnuth)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 58
Format: numeric	Invalid: 1537
Width: 4	Minimum: 164
Decimals: 0	Maximum: 8200
Range: 164-8200	Mean: 1625.9
	Standard deviation: 1437.8

(hexpqgnutht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 58
Format: numeric	Invalid: 1537
Width: 4	Minimum: 410
Decimals: 0	Maximum: 5248
Range: 410-5248	Mean: 1550.9
	Standard deviation: 1135.5

(hexpqyamh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 82
Format: numeric	Invalid: 1513
Width: 6	Minimum: 10
Decimals: 0	Maximum: 120000
Range: 10-120000	Mean: 3905
	Standard deviation: 16412.9

(hexpqyamht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 82
Format: numeric	Invalid: 1513
Width: 5	Minimum: 40
Decimals: 0	Maximum: 28000
Range: 40-28000	Mean: 984.1
	Standard deviation: 4018.6

(hexpqmilh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 51
Format: numeric	Invalid: 1544
Width: 4	Minimum: 93
Decimals: 0	Maximum: 4185
Range: 93-4185	Mean: 1497.1
	Standard deviation: 807.6



(hexpqmilht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 186-2790

Valid cases: 51  
 Invalid: 1544  
 Minimum: 186  
 Maximum: 2790  
 Mean: 1462.5  
 Standard deviation: 688.2

(hexpqsogh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 186-4650

Valid cases: 17  
 Invalid: 1578  
 Minimum: 186  
 Maximum: 4650  
 Mean: 1080.2  
 Standard deviation: 1089.1

(hexpqsoght)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 322-1860

Valid cases: 17  
 Invalid: 1578  
 Minimum: 322  
 Maximum: 1860  
 Mean: 886  
 Standard deviation: 572

(hexpqriceh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 168-26880

Valid cases: 31  
 Invalid: 1564  
 Minimum: 168  
 Maximum: 26880  
 Mean: 2620.3  
 Standard deviation: 4647

(hexpqriceht)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 840-5040

Valid cases: 31  
 Invalid: 1564  
 Minimum: 840  
 Maximum: 5040  
 Mean: 1869.7  
 Standard deviation: 1110.4

(hexpqcowph)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 7
Format: numeric	Invalid: 1588
Width: 3	Minimum: 109
Decimals: 0	Maximum: 327
Range: 109-327	Mean: 249.1
	Standard deviation: 82.4

(hexpqcowpht)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 7
Format: numeric	Invalid: 1588
Width: 3	
Decimals: 0	
Range: 218-218	

% of Maize lost pre-harvest (hprhcr2)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1338
Format: numeric	Invalid: 257
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 17.7
	Standard deviation: 26.5

(hprhcr2d)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1338
Format: numeric	Invalid: 257
Width: 1	
Decimals: 0	
Range: 0-1	

(hprhcr2c)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 584
Format: numeric	Invalid: 1011
Width: 3	Minimum: 0.5
Decimals: 0	Maximum: 100
Range: 0.5-100	Mean: 40.6
	Standard deviation: 26.2

## % of Soyabean lost pre-harvest (hprhcr6)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 811
Format: numeric	Invalid: 784
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 15.4
	Standard deviation: 26.9

## (hprhcr6d)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 811
Format: numeric	Invalid: 784
Width: 1	
Decimals: 0	
Range: 0-1	

## (hprhcr6c)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 271
Format: numeric	Invalid: 1324
Width: 3	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 46.2
	Standard deviation: 27.2

## % of Groundnut lost pre-harvest (hprhcr5)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 699
Format: numeric	Invalid: 896
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 19.3
	Standard deviation: 28.6

## (hprhcr5d)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 699
Format: numeric	Invalid: 896
Width: 1	
Decimals: 0	
Range: 0-1	

(hprhcr5c)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-100

Valid cases: 296  
 Invalid: 1299  
 Minimum: 1  
 Maximum: 100  
 Mean: 45.6  
 Standard deviation: 27.1

% of Yam lost pre-harvest (hprhcr8)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-100

Valid cases: 586  
 Invalid: 1009  
 Minimum: 0  
 Maximum: 100  
 Mean: 11  
 Standard deviation: 20.9

(hprhcr8d)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 586  
 Invalid: 1009

(hprhcr8c)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-100

Valid cases: 196  
 Invalid: 1399  
 Minimum: 1  
 Maximum: 100  
 Mean: 32.9  
 Standard deviation: 24.3

% of Millet lost pre-harvest (hprhcr3)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-100

Valid cases: 441  
 Invalid: 1154  
 Minimum: 0  
 Maximum: 100  
 Mean: 13.9  
 Standard deviation: 24.5

(hprhcr3d)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 441  
 Invalid: 1154

(hprhcr3c)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-100

Valid cases: 152  
 Invalid: 1443  
 Minimum: 1  
 Maximum: 100  
 Mean: 40.5  
 Standard deviation: 25.8

% of rice lost pre-harvest (hprhcr1)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-100

Valid cases: 402  
 Invalid: 1193  
 Minimum: 0  
 Maximum: 100  
 Mean: 20.2  
 Standard deviation: 26.2

(hprhcr1d)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 402  
 Invalid: 1193

(hprhcr1c)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 1-100

Valid cases: 195  
 Invalid: 1400  
 Minimum: 1  
 Maximum: 100  
 Mean: 41.6  
 Standard deviation: 22.8

## % of Cowpea lost pre-harvest (hprhcr9)

File: gha-agra-2016-v1

### Overview

Type: Continuous	Valid cases: 175
Format: numeric	Invalid: 1420
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 20.8
	Standard deviation: 32.2

## (hprhcr9d)

File: gha-agra-2016-v1

### Overview

Type: Discrete	Valid cases: 175
Format: numeric	Invalid: 1420
Width: 1	
Decimals: 0	
Range: 0-1	

## (hprhcr9c)

File: gha-agra-2016-v1

### Overview

Type: Continuous	Valid cases: 63
Format: numeric	Invalid: 1532
Width: 3	Minimum: 2
Decimals: 0	Maximum: 100
Range: 2-100	Mean: 57.8
	Standard deviation: 27.2

## % of Sorghum lost pre-harvest (hprhcr4)

File: gha-agra-2016-v1

### Overview

Type: Continuous	Valid cases: 220
Format: numeric	Invalid: 1375
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 10.1
	Standard deviation: 23.2

## (hprhcr4d)

File: gha-agra-2016-v1

### Overview

Type: Discrete	Valid cases: 220
Format: numeric	Invalid: 1375
Width: 1	
Decimals: 0	
Range: 0-1	

(hprhcr4c)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 50
Format: numeric	Invalid: 1545
Width: 3	Minimum: 1
Decimals: 0	Maximum: 100
Range: 1-100	Mean: 44.3
	Standard deviation: 29.5

% of Cassava lost pre-harvest (hprhcr7)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 100
Range: 0-100	Mean: 0.7
	Standard deviation: 6.1

(hprhcr10)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 120
Range: 0-120	Mean: 1.4
	Standard deviation: 10.2

(hprhcr11)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 3	Minimum: 0
Decimals: 0	Maximum: 170
Range: 0-170	Mean: 1.4
	Standard deviation: 10.8

(hprhcr12)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 2	Minimum: 0
Decimals: 0	Maximum: 40
Range: 0-40	Mean: 0.2
	Standard deviation: 2.3

(hprhcr14)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-70

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 70  
 Mean: 0  
 Standard deviation: 1.8

(hprhcr16)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-40

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 40  
 Mean: 0.1  
 Standard deviation: 1.4

(hprhcr17)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-120

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 120  
 Mean: 2.2  
 Standard deviation: 12.8

quantity of maize lost in storage (kg) (qmzl)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-1000

Valid cases: 1302  
 Invalid: 293  
 Minimum: 0  
 Maximum: 1000  
 Mean: 1.3  
 Standard deviation: 28.4

quantity of soy bean lost in storage (kg) (qsoybl)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-180

Valid cases: 795  
 Invalid: 800  
 Minimum: 0  
 Maximum: 180  
 Mean: 0.4  
 Standard deviation: 6.7



## quantity of groundnut lost in storage (kg) (qgnutl)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 665
Format: numeric	Invalid: 930
Width: 4	Minimum: 0
Decimals: 0	Maximum: 49.5
Range: 0-49.5	Mean: 0.3
	Standard deviation: 3.1

## quantity of yam lost in storage (tubers) (qyamI)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 553
Format: numeric	Invalid: 1042
Width: 4	Minimum: 0
Decimals: 0	Maximum: 7500
Range: 0-7500	Mean: 40.4
	Standard deviation: 381.2

## quantity of millet lost in storage (kg) (qmill)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 418
Format: numeric	Invalid: 1177
Width: 2	Minimum: 0
Decimals: 0	Maximum: 15
Range: 0-15	Mean: 0.2
	Standard deviation: 1.3

## quantity of sorghum lost in storage (kg) (qsogl)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 1407
Width: 2	Minimum: 0
Decimals: 0	Maximum: 50
Range: 0-50	Mean: 0.3
	Standard deviation: 3.6

## quantity of rice lost in storage (kg) (qricel)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 384
Format: numeric	Invalid: 1211
Width: 16	
Decimals: 0	
Range: 0-8.39999961853027	

## quantity of cowpea lost in storage (kg) (qcowpl)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 146
Format: numeric	Invalid: 1449
Width: 3	Minimum: 0
Decimals: 0	Maximum: 109
Range: 0-109	Mean: 1
	Standard deviation: 9.4

## 1=lost some maize in storage (mzphld)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1302
Format: numeric	Invalid: 293
Width: 1	
Decimals: 0	
Range: 0-1	

## (mzphlsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1302
Format: numeric	Invalid: 293
Width: 16	Minimum: 0
Decimals: 0	Maximum: 66.7
Range: 0-66.6666641235352	Mean: 0.2
	Standard deviation: 2.5

## (mzphlshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 30
Format: numeric	Invalid: 1565
Width: 17	Minimum: 0.1
Decimals: 0	Maximum: 66.7
Range: 0.140000000596046-66.6666641235352	Mean: 7.4
	Standard deviation: 15.1

## 1=lost some soybean in storage (syphld)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 795
Format: numeric	Invalid: 800
Width: 1	
Decimals: 0	
Range: 0-1	

(syphlsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-33.3333320617676

Valid cases: 795  
 Invalid: 800  
 Minimum: 0  
 Maximum: 33.3  
 Mean: 0.1  
 Standard deviation: 1.5

(syphlshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 6.42201852798462-33.3333320617676

Valid cases: 5  
 Invalid: 1590  
 Minimum: 6.4  
 Maximum: 33.3  
 Mean: 16.8  
 Standard deviation: 10.6

1=lost some groundnut in storage (gnphld)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 665  
 Invalid: 930

(gnphlsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-60

Valid cases: 665  
 Invalid: 930  
 Minimum: 0  
 Maximum: 60  
 Mean: 0.2  
 Standard deviation: 2.5

(gnphlshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.804878056049347-60

Valid cases: 14  
 Invalid: 1581  
 Minimum: 0.8  
 Maximum: 60  
 Mean: 8.6  
 Standard deviation: 15.6

(ymphld)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 553  
 Invalid: 1042

(ymphlsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-66.6666641235352

Valid cases: 553  
 Invalid: 1042  
 Minimum: 0  
 Maximum: 66.7  
 Mean: 1  
 Standard deviation: 5.5

(ymphlshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.600000023841858-66.6666641235352

Valid cases: 37  
 Invalid: 1558  
 Minimum: 0.6  
 Maximum: 66.7  
 Mean: 15.1  
 Standard deviation: 15.6

(mlphld)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 418  
 Invalid: 1177

(mlphlsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-8.06451606750488

Valid cases: 418  
 Invalid: 1177  
 Minimum: 0  
 Maximum: 8.1  
 Mean: 0  
 Standard deviation: 0.4

(mlphlshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.224014341831207-8.06451606750488

Valid cases: 7  
 Invalid: 1588  
 Minimum: 0.2  
 Maximum: 8.1  
 Mean: 2.2  
 Standard deviation: 2.7

(riphld)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 384  
 Invalid: 1211

(riphlsh)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-10

Valid cases: 384  
 Invalid: 1211

(riphlshc)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 3.33333325386047-10

Valid cases: 3  
 Invalid: 1592

(sophld)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 188  
 Invalid: 1407

(sophlsh)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 0-10.752688407898

Valid cases: 188  
 Invalid: 1407

(sophlshc)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 10.752688407898-10.752688407898

Valid cases: 1  
 Invalid: 1594

(cwphld)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 146  
 Invalid: 1449

(cwphlsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-50

Valid cases: 146  
 Invalid: 1449  
 Minimum: 0  
 Maximum: 50  
 Mean: 0.5  
 Standard deviation: 4.7

(cwphlshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 28.4403667449951-50

Valid cases: 2  
 Invalid: 1593  
 Minimum: 28.4  
 Maximum: 50  
 Mean: 39.2  
 Standard deviation: 15.2

## quantity of maize sold (kg) (qmzs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-427500

Valid cases: 1302  
 Invalid: 293  
 Minimum: 0  
 Maximum: 427500  
 Mean: 847.9  
 Standard deviation: 12004.4

## (qmzst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-9700

Valid cases: 1302  
 Invalid: 293  
 Minimum: 0  
 Maximum: 9700  
 Mean: 334.9  
 Standard deviation: 958.9

## (qmzstc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 14-9700

Valid cases: 463  
 Invalid: 1132  
 Minimum: 14  
 Maximum: 9700  
 Mean: 941.8  
 Standard deviation: 1420.1

## quantity of soy bean sold (kg) (qsoybs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 0-76300

Valid cases: 795  
 Invalid: 800  
 Minimum: 0  
 Maximum: 76300  
 Mean: 588.9  
 Standard deviation: 3214.3

## (qsoybst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-3597

Valid cases: 795  
 Invalid: 800  
 Minimum: 0  
 Maximum: 3597  
 Mean: 279.2  
 Standard deviation: 404

(qsoybstc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 1-3597

Valid cases: 520  
 Invalid: 1075  
 Minimum: 1  
 Maximum: 3597  
 Mean: 426.9  
 Standard deviation: 431.9

quantity of groundnut sold (kg) (qgnuts)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-6560

Valid cases: 665  
 Invalid: 930  
 Minimum: 0  
 Maximum: 6560  
 Mean: 371.8  
 Standard deviation: 747.5

(qgnutst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-2460

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 2460  
 Mean: 122.2  
 Standard deviation: 314.1

(qgnutstc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 9.89999961853027-2460

Valid cases: 441  
 Invalid: 1154  
 Minimum: 9.9  
 Maximum: 2460  
 Mean: 442  
 Standard deviation: 464.4

quantity of yam sold (tubers) (qyams)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-7000

Valid cases: 553  
 Invalid: 1042  
 Minimum: 0  
 Maximum: 7000  
 Mean: 454.7  
 Standard deviation: 766



(qyamst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-3000

Valid cases: 553  
 Invalid: 1042  
 Minimum: 0  
 Maximum: 3000  
 Mean: 406  
 Standard deviation: 590.3

(qyamstc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 15-3000

Valid cases: 312  
 Invalid: 1283  
 Minimum: 15  
 Maximum: 3000  
 Mean: 719.6  
 Standard deviation: 626.1

quantity of millet sold (kg) (qmils)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-1581

Valid cases: 418  
 Invalid: 1177  
 Minimum: 0  
 Maximum: 1581  
 Mean: 101.6  
 Standard deviation: 211.9

(qmilst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-744

Valid cases: 417  
 Invalid: 1178  
 Minimum: 0  
 Maximum: 744  
 Mean: 84.2  
 Standard deviation: 156.7

(qmilstc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 20-744

Valid cases: 130  
 Invalid: 1465  
 Minimum: 20  
 Maximum: 744  
 Mean: 270  
 Standard deviation: 169.3

## quantity of rice sold (kg) (qrices)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 384
Format: numeric	Invalid: 1211
Width: 4	Minimum: 0
Decimals: 0	Maximum: 6720
Range: 0-6720	Mean: 470
	Standard deviation: 913.7

## (qricest)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 384
Format: numeric	Invalid: 1211
Width: 4	Minimum: 0
Decimals: 0	Maximum: 4284
Range: 0-4284	Mean: 400.3
	Standard deviation: 657.1

## (qricestc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 234
Format: numeric	Invalid: 1361
Width: 4	Minimum: 1
Decimals: 0	Maximum: 4284
Range: 1-4284	Mean: 656.9
	Standard deviation: 735.1

## quantity of sorghum sold (kg) (qsogs)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 1407
Width: 4	Minimum: 0
Decimals: 0	Maximum: 9300
Range: 0-9300	Mean: 158
	Standard deviation: 916.3

## (qsogst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 1407
Width: 4	Minimum: 0
Decimals: 0	Maximum: 1302
Range: 0-1302	Mean: 65.4
	Standard deviation: 152.8

(qsogstc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 12.5-1302

Valid cases: 53  
 Invalid: 1542  
 Minimum: 12.5  
 Maximum: 1302  
 Mean: 231.9  
 Standard deviation: 211.1

quantity of cowpea sold (kg) (qcowps)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-8720

Valid cases: 146  
 Invalid: 1449  
 Minimum: 0  
 Maximum: 8720  
 Mean: 124.9  
 Standard deviation: 725

(qcowpst)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-436

Valid cases: 146  
 Invalid: 1449  
 Minimum: 0  
 Maximum: 436  
 Mean: 61.6  
 Standard deviation: 103.4

(qcowpstc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 27.8999996185303-436

Valid cases: 50  
 Invalid: 1545  
 Minimum: 27.9  
 Maximum: 436  
 Mean: 179.9  
 Standard deviation: 99.7

(qmzsd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1302  
 Invalid: 293

(qsoybsd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 795  
 Invalid: 800

(qgnutsd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 665  
 Invalid: 930

(qyamsd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 553  
 Invalid: 1042

(qmilsd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 418  
 Invalid: 1177

(qricesd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 384  
 Invalid: 1211

(qsogsd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 188  
 Invalid: 1407

(qcowpsd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 146  
 Invalid: 1449

(mzssh)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1302  
 Invalid: 293  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.1  
 Standard deviation: 0.2

(mzsshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0277777779847384-1

Valid cases: 463  
 Invalid: 1132  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.4  
 Standard deviation: 0.2

(syssh)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 795  
 Invalid: 800  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.4  
 Standard deviation: 0.4

(sysshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 520
Format: numeric	Invalid: 1075
Width: 19	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0.00366972479969263-1	Mean: 0.6
	Standard deviation: 0.3

(gnssh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 665
Format: numeric	Invalid: 930
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.4
	Standard deviation: 0.3

(gnsshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 429
Format: numeric	Invalid: 1166
Width: 18	Minimum: 0.1
Decimals: 0	Maximum: 1
Range: 0.0599999986588955-1	Mean: 0.5
	Standard deviation: 0.3

(ymssh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 553
Format: numeric	Invalid: 1042
Width: 17	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-0.959999978542328	Mean: 0.1
	Standard deviation: 0.1

(ymsshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 312
Format: numeric	Invalid: 1283
Width: 19	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0.00888888910412788-0.959999978542328	Mean: 0.2
	Standard deviation: 0.1

(mlssh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 417
Format: numeric	Invalid: 1178
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.2
	Standard deviation: 0.3

(mlsshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 130
Format: numeric	Invalid: 1465
Width: 18	Minimum: 0.1
Decimals: 0	Maximum: 1
Range: 0.0833333358168602-1	Mean: 0.5
	Standard deviation: 0.3

(rissh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 384
Format: numeric	Invalid: 1211
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.3
	Standard deviation: 0.3

(risshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 234
Format: numeric	Invalid: 1361
Width: 19	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0.00595238106325269-1	Mean: 0.5
	Standard deviation: 0.2

(sossh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 188
Format: numeric	Invalid: 1407
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.1
	Standard deviation: 0.3

(sosshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.133333340287209-1

Valid cases: 53  
 Invalid: 1542  
 Minimum: 0.1  
 Maximum: 1  
 Mean: 0.5  
 Standard deviation: 0.2

(cwssh)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 146  
 Invalid: 1449  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.2  
 Standard deviation: 0.4

(cwsshc)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.255963295698166-1

Valid cases: 50  
 Invalid: 1545  
 Minimum: 0.3  
 Maximum: 1  
 Mean: 0.7  
 Standard deviation: 0.2

maize sale outlet (sala2)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 476  
 Invalid: 1119

soybean sale outlet (sala6)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 529  
 Invalid: 1066



## Gnut sale outlet (sala5)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 448  
 Invalid: 1147

## yam sale outlet (sala8)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 318  
 Invalid: 1277

## millet sale outlet (sala3)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 136  
 Invalid: 1459

## rice sale outlet (sala1)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 241  
 Invalid: 1354

## sorghum sale outlet (sala4)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 56  
 Invalid: 1539

## cowpea sale outlet (sala9)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 53  
 Invalid: 1542

## cassava sale outlet (sala7)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 13  
 Invalid: 1582

## (sala10)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 58  
 Invalid: 1537

## (sala11)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 50  
 Invalid: 1545

## (sala12)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 12  
 Invalid: 1583

(sala14)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 8  
 Invalid: 1587

(sala16)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 35  
 Invalid: 1560

(sala17)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 76  
 Invalid: 1519

average sale price of maize/kg (mzspr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0299999993294477-2.85714292526245

Valid cases: 476  
 Invalid: 1119  
 Minimum: 0  
 Maximum: 2.9  
 Mean: 0.9  
 Standard deviation: 0.3

(mzsprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0299999993294477-2

Valid cases: 476  
 Invalid: 1119  
 Minimum: 0  
 Maximum: 2  
 Mean: 0.9  
 Standard deviation: 0.3

## average sale price of soy bean/kg (syspr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 19  
 Decimals: 0  
 Range: 0.00917431153357029-150

Valid cases: 525  
 Invalid: 1070  
 Minimum: 0  
 Maximum: 150  
 Mean: 2.1  
 Standard deviation: 8.8

## (sysprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 19  
 Decimals: 0  
 Range: 0.00917431153357029-4

Valid cases: 523  
 Invalid: 1072  
 Minimum: 0  
 Maximum: 4  
 Mean: 1.3  
 Standard deviation: 0.4

## average sale price of groundnut/kg (gnutspr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.085365854203701-8.78048801422119

Valid cases: 439  
 Invalid: 1156  
 Minimum: 0.1  
 Maximum: 8.8  
 Mean: 1.7  
 Standard deviation: 1.3

## (gnutsprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.085365854203701-6.08695650100708

Valid cases: 438  
 Invalid: 1157  
 Minimum: 0.1  
 Maximum: 6.1  
 Mean: 1.7  
 Standard deviation: 1.2

## average sale price of yam/kg (yamspr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0319999977946281-34

Valid cases: 318  
 Invalid: 1277  
 Minimum: 0  
 Maximum: 34  
 Mean: 0.9  
 Standard deviation: 1.9

(yamsprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0319999977946281-2.79999995231628

Valid cases: 317  
 Invalid: 1278  
 Minimum: 0  
 Maximum: 2.8  
 Mean: 0.8  
 Standard deviation: 0.4

average sale price of millet/kg (milspr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0215053763240576-2.40000009536743

Valid cases: 136  
 Invalid: 1459  
 Minimum: 0  
 Maximum: 2.4  
 Mean: 1  
 Standard deviation: 0.4

(milsprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0215053763240576-2.17391300201416

Valid cases: 135  
 Invalid: 1460  
 Minimum: 0  
 Maximum: 2.2  
 Mean: 1  
 Standard deviation: 0.3

average sale price of sorghum/kg (sospr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.430107533931732-1.73913037776947

Valid cases: 56  
 Invalid: 1539  
 Minimum: 0.4  
 Maximum: 1.7  
 Mean: 1  
 Standard deviation: 0.3

(sosprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.430107533931732-1.60000002384186

Valid cases: 55  
 Invalid: 1540  
 Minimum: 0.4  
 Maximum: 1.6  
 Mean: 0.9  
 Standard deviation: 0.2

## average sale price of rice/kg (ricespr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.476190477609634-80

Valid cases: 241  
 Invalid: 1354  
 Minimum: 0.5  
 Maximum: 80  
 Mean: 1.7  
 Standard deviation: 7.2

## (ricesprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.476190477609634-2.38095235824585

Valid cases: 239  
 Invalid: 1356  
 Minimum: 0.5  
 Maximum: 2.4  
 Mean: 1  
 Standard deviation: 0.3

## average sale price of cowpea/kg (cowpspr)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.458715587854385-3.30275225639343

Valid cases: 53  
 Invalid: 1542  
 Minimum: 0.5  
 Maximum: 3.3  
 Mean: 1.6  
 Standard deviation: 0.6

## (cowpsprt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.458715587854385-3.22580647468567

Valid cases: 52  
 Invalid: 1543  
 Minimum: 0.5  
 Maximum: 3.2  
 Mean: 1.6  
 Standard deviation: 0.6

## number of cow (cown)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-40

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 40  
 Mean: 0.9  
 Standard deviation: 2.7

1=owns some cown (cownd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=owns cow/oxen/heifer/calf/bull (cattle)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

number of oxen (oxenn)

File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-15

Valid cases: 1595  
Invalid: 0

1=owns some oxenn (oxennd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

number of heifer (heifern)

File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-20

Valid cases: 1595  
Invalid: 0

1=owns some heifern (heifernd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

number of calf (calfn)

File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-20

Valid cases: 1595  
Invalid: 0

1=owns some calfn (calfnd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

number of bull (bulln)

File: gha-agra-2016-v1

#### Overview

Type: Discrete  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-14

Valid cases: 1595  
Invalid: 0

1=owns some bulln (bullnd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0



## number of goat (goatn)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-50

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 50  
 Mean: 3.3  
 Standard deviation: 4.8

## 1=owns some goatn (goatnd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## number of sheep (sheepn)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-75

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 75  
 Mean: 2.6  
 Standard deviation: 5.6

## 1=owns some sheepn (sheepnd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## number of donkey (donkeyn)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-6

Valid cases: 1595  
 Invalid: 0

1=owns some donkeyn (donkeynd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

number of pig (pign)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 2  
Decimals: 0  
Range: 0-30

Valid cases: 1595  
Invalid: 0  
Minimum: 0  
Maximum: 30  
Mean: 0.7  
Standard deviation: 2.4

1=owns some pign (pignnd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

number of chicken (chickenn)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
Format: numeric  
Width: 3  
Decimals: 0  
Range: 0-100

Valid cases: 1595  
Invalid: 0  
Minimum: 0  
Maximum: 100  
Mean: 11.6  
Standard deviation: 13

1=owns some chickenn (chickennd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

## number of other poultry (opoultn)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-64

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 64  
 Mean: 3.8  
 Standard deviation: 8.5

## 1=owns some opoultn (opoultn)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## number of rabbit (rabbitn)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-15

Valid cases: 1595  
 Invalid: 0

## 1=owns some rabbitn (rabbitnd)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## tropical livestock units (see Njuki et al. 2011) (tlu)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-82.9399948120117

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 82.9  
 Mean: 3.9  
 Standard deviation: 6.5

1=owns some livestock (livstok)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

crop income (males) (mcropy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-166000

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 166000  
 Mean: 2129.6  
 Standard deviation: 6086.9

crop income (females) (fcropy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-9500

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 9500  
 Mean: 467.2  
 Standard deviation: 701.1

livestock income (males) (mlvstcky)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-7000

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 7000  
 Mean: 282  
 Standard deviation: 649.1

livestock income (females) (flvstcky)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-6000

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 6000  
 Mean: 23.7  
 Standard deviation: 187.3

## off-farm income (males) (moffmy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-299997

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 299997  
 Mean: 805.6  
 Standard deviation: 7795

## off-farm income (females) (foffmy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 0-13900

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 13900  
 Mean: 303.4  
 Standard deviation: 967.1

## remittance income (males) (mremity)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-5000

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 5000  
 Mean: 32.8  
 Standard deviation: 178.1

## remittance income (females) (fremity)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-2000

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 2000  
 Mean: 20  
 Standard deviation: 101.4

## total crop income (GHC) (cropy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-168000

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 168000  
 Mean: 2596.8  
 Standard deviation: 6261.4

## participation in crop income (crotyp)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## total livestock income (GHC) (lvstcky)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 4  
 Decimals: 0  
 Range: 0-7150

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 7150  
 Mean: 305.7  
 Standard deviation: 679.4

## participation in lvstcky income (lvstckyp)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## total off-farm income (GHC) (offmy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 6  
 Decimals: 0  
 Range: 0-299997

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 299997  
 Mean: 1109.1  
 Standard deviation: 7922.6

## participation in offmy income (offmyp)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

## total remittance income (GHC) (remity)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 5000
Range: 0-5000	Mean: 52.9
	Standard deviation: 224

## participation in remity income (remityp)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-1	

## number of income sources (out of 4) (nys)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-4	

## number of income sources (out of 4): males (mnys)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-4	

## number of income sources (out of 4): females (fnys)

File: gha-agra-2016-v1

**Overview**

Type: Discrete	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	
Decimals: 0	
Range: 0-4	

## total income (GHC)- males (tmy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 6	Minimum: 0
Decimals: 0	Maximum: 299997
Range: 0-299997	Mean: 3250
	Standard deviation: 10446

## trimmed total income (GHC)- males (tmyt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 21000
Range: 0-21000	Mean: 2641
	Standard deviation: 3251.2

## total income (GHC)- females (tfy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 0
Decimals: 0	Maximum: 14600
Range: 0-14600	Mean: 814.4
	Standard deviation: 1283.5

## trimmed total income (GHC)- females (tfyt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 4	Minimum: 0
Decimals: 0	Maximum: 6150
Range: 0-6150	Mean: 727.7
	Standard deviation: 902.7

## total household income (GHC) (thhy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 6	Minimum: 70
Decimals: 0	Maximum: 300697
Range: 70-300697	Mean: 4149.5
	Standard deviation: 10661.2



## trimmed total household income (GHC) (thhyt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 155
Decimals: 0	Maximum: 22500
Range: 155-22500	Mean: 3556.7
	Standard deviation: 3731.4

## per capita household income (GHC) (pcthhhy)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 14	Minimum: 10
Decimals: 0	Maximum: 33410.8
Range: 10-33410.77734375	Mean: 629
	Standard deviation: 1355.8

## trimmed per capita household income (GHC) (pcthhyt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 16	Minimum: 22.2
Decimals: 0	Maximum: 4100
Range: 22.2222213745117-4100	Mean: 543.9
	Standard deviation: 596.4

## crop income share (cropysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.6
	Standard deviation: 0.3

## livestock income share (lvstckysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.1
	Standard deviation: 0.1

## off-farm income share (offmysh)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.2  
 Standard deviation: 0.3

## remittance income share (remitysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0-0.833333313465118

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 0.8  
 Mean: 0  
 Standard deviation: 0.1

## crop income share (males) (mcropysh)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1396  
 Invalid: 199  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.7  
 Standard deviation: 0.3

## livestock income share (males) (mlvstckysh)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1396  
 Invalid: 199  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.1  
 Standard deviation: 0.2

## off-farm income share (males) (moffmysh)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1396  
 Invalid: 199  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.2  
 Standard deviation: 0.3

## remittance income share (males) (mremitysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1396
Format: numeric	Invalid: 199
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0
	Standard deviation: 0.1

## crop income share (females) (fcropysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1144
Format: numeric	Invalid: 451
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.6
	Standard deviation: 0.4

## livestock income share (females) (flvstckysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1144
Format: numeric	Invalid: 451
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0
	Standard deviation: 0.1

## off-farm income share (females) (foffmysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1144
Format: numeric	Invalid: 451
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0.3
	Standard deviation: 0.4

## remittance income share (females) (fremitysh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1144
Format: numeric	Invalid: 451
Width: 1	Minimum: 0
Decimals: 0	Maximum: 1
Range: 0-1	Mean: 0
	Standard deviation: 0.1

1=regularly save money (saves)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=has a bank account (bank)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=has other financial assets (fasset)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=often borrow money to meet regular expenditures (borow)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=lost weight for no food/no money to buy food (lostwt)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=not eaten for a whole day for no food/no money to buy food  
(noteat)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=child skips meals for no food/no money to buy food (chskips)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=child ever hungry but couldn't afford food (chungry)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

1=child not eaten for a whole day for no food/no money to buy food  
(cnoteat)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

food insecurity index (# of negative experiences) (fsindex)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
Invalid: 0

## total anual household food expenditure(GHC) (tfexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 0-36024

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 36024  
 Mean: 1223.9  
 Standard deviation: 2095.6

## (impfexpsh)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.230000004172325-0.28999999165535

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0.2  
 Maximum: 0.3  
 Mean: 0.3  
 Standard deviation: 0

## (tfexp\_up)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 15  
 Decimals: 0  
 Range: 5.7999997138977-46842.16015625

Valid cases: 1595  
 Invalid: 0  
 Minimum: 5.8  
 Maximum: 46842.2  
 Mean: 1981.5  
 Standard deviation: 2820.9

## estimated annual food expenditure (foodexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 0-30000

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 30000  
 Mean: 1361.8  
 Standard deviation: 1557.5

## estimated annual nonfood &amp; services expenditure (nfoodexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 5  
 Decimals: 0  
 Range: 0-19400

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 19400  
 Mean: 1473.4  
 Standard deviation: 1544.5

## estimated annual household expenditure (hhexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 65
Decimals: 0	Maximum: 45000
Range: 65-45000	Mean: 2835.2
	Standard deviation: 2760.2

## (hhexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 200
Decimals: 0	Maximum: 11680
Range: 200-11680	Mean: 2683.6
	Standard deviation: 2140.5

## total consumption expenditure (tfexp+ nfoodexp) (hhcexp)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 8
Decimals: 0	Maximum: 37304
Range: 8-37304	Mean: 2706.6
	Standard deviation: 2878.1

## (hhcexp\_up)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 16	Minimum: 10.3
Decimals: 0	Maximum: 48122.2
Range: 10.3199996948242-48122.16015625	Mean: 3454.9
	Standard deviation: 3675.1

## (hhcexpt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous	Valid cases: 1595
Format: numeric	Invalid: 0
Width: 5	Minimum: 126
Decimals: 0	Maximum: 12600
Range: 126-12600	Mean: 2540
	Standard deviation: 2047.4

(hhcexp\_upt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 141.899993896484-15498

Valid cases: 1595  
 Invalid: 0  
 Minimum: 141.9  
 Maximum: 15498  
 Mean: 3240.4  
 Standard deviation: 2607

household welfare (adult equivalent consumption expenditure) (welf)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 21.3114738464355-10518.9873046875

Valid cases: 1595  
 Invalid: 0  
 Minimum: 21.3  
 Maximum: 10519  
 Mean: 839  
 Standard deviation: 922.9

household welfare after accounting for consumption of own produce (welf\_up)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 27.3982334136963-13569.494140625

Valid cases: 1595  
 Invalid: 0  
 Minimum: 27.4  
 Maximum: 13569.5  
 Mean: 1070.4  
 Standard deviation: 1180.6

trimmed adult equivalent consumption expenditure (welft)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 38.3561630249023-4730.3447265625

Valid cases: 1595  
 Invalid: 0  
 Minimum: 38.4  
 Maximum: 4730.3  
 Mean: 784  
 Standard deviation: 681.2

trimmed welf\_up (welf\_upt)

File: gha-agra-2016-v1

**Overview**



Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 44.8571434020996-6102.14404296875

Valid cases: 1595  
 Invalid: 0  
 Minimum: 44.9  
 Maximum: 6102.1  
 Mean: 998.5  
 Standard deviation: 868.2

(fdexpsh1)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.4  
 Standard deviation: 0.3

(fdexpsh2)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0.18699187040329-1

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0.2  
 Maximum: 1  
 Mean: 0.5  
 Standard deviation: 0.2

(poor1)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

(poor2)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

What is the principal material for the exterior walls of the house?  
 (wall)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

What is the principal material for the roofing of the house? (roof)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

What is the principal material for the floor of the house? (floor)  
 File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

Valid cases: 1595  
 Invalid: 0

What is the main source of drinking water (dwater)  
 File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

Valid cases: 1595  
 Invalid: 0

What is the main source of water for other purposes? (owater)  
 File: gha-agra-2016-v1

**Overview**

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 1-7

Valid cases: 1595  
 Invalid: 0

How long (in minutes) does it take to get to and back from the main water source (distwater)  
 File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 3  
 Decimals: 0  
 Range: 0-600

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 600  
 Mean: 24.9  
 Standard deviation: 27.7

(distwatert)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 2  
 Decimals: 0  
 Range: 0-90

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 90  
 Mean: 23  
 Standard deviation: 16.8

1=connected to electricity (electric)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

5 quantiles of welft (welfq1)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

5 quantiles of welf\_upt (welfq2)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

where==Purchased from SARI (getinoc1)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 102  
 Invalid: 1493

where==Purchased from agro-input dealer (getinoc2)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 102  
 Invalid: 1493

where==Purchased from NGOs (getinoc3)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 102  
 Invalid: 1493

where==Purchased from MoFA (getinoc4)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 102  
 Invalid: 1493

where==Other (specify) (getinoc5)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 102  
 Invalid: 1493

whynot==Don't know where to obtain it (why1)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 361  
 Invalid: 1234

whynot==Can't afford (why3)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 361  
 Invalid: 1234

whynot==Don't know how to use it (why4)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 361  
 Invalid: 1234

whynot==Can't afford mineral fertilizer (why5)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 361  
 Invalid: 1234

whynot==Other (specify) (why2)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 361  
 Invalid: 1234

source2014==Purchased from NGOs (where1)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
 Invalid: 1469

source2014==Gift (where3)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
 Invalid: 1469

source2014==Purchased from SARI (where4)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
 Invalid: 1469

source2014==Purchased from MoFA (where5)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
 Invalid: 1469

source2014==Purchased from agro-input dealer (where6)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
 Invalid: 1469

source2014==Other (specify) (where2)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 126  
 Invalid: 1469

(exppgramt)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 18  
 Decimals: 0  
 Range: 0.0500000007450581-22.5

Valid cases: 49  
 Invalid: 1546  
 Minimum: 0.1  
 Maximum: 22.5  
 Mean: 0.8  
 Standard deviation: 3.3

family labour share of total farm labour (hflabsh)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.016393443569541-1

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.7  
 Standard deviation: 0.2

hired labour share of total farm labour (hhlabsh)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.2  
 Standard deviation: 0.2

female family labour share of total family labour (hffmlsh)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 1  
 Mean: 0.4  
 Standard deviation: 0.2

number of different types of livestock owned (out of 8) (nolivstok)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

1=unimproved wall (walld)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

(hlandt)

File: gha-agra-2016-v1

**Overview**

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.809388935565948-22.2581958770752

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0.8  
 Maximum: 22.3  
 Mean: 4.6  
 Standard deviation: 3.6

1=household recieved credit (hloan)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

sloan==Friends or relatives (slon1)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 102  
 Invalid: 1493

sloan==Local money lenders (slon2)

File: gha-agra-2016-v1

**Overview**



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

Valid cases: 102  
 Invalid: 1493

sloan==Banks (slon3)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 102  
 Invalid: 1493

sloan==NGOs (specify) (slon4)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 102  
 Invalid: 1493

sloan==Non bank financial institution (including MFI) (slon5)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 102  
 Invalid: 1493

loan amout in USD (loanamt)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 3.22580647468567-645.161315917969

Valid cases: 102  
 Invalid: 1493  
 Minimum: 3.2  
 Maximum: 645.2  
 Mean: 110.2  
 Standard deviation: 114.7

(loanintd)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 102  
 Invalid: 1493

interest on loan (USD) (loanint)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-645.161315917969

Valid cases: 102  
 Invalid: 1493  
 Minimum: 0  
 Maximum: 645.2  
 Mean: 30.1  
 Standard deviation: 73.2

1=received input credit (inpcredit)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1595  
 Invalid: 0

value of input credit (USD) (vinpcredit)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.645161271095276-3058.064453125

Valid cases: 257  
 Invalid: 1338  
 Minimum: 0.6  
 Maximum: 3058.1  
 Mean: 449.7  
 Standard deviation: 564

(vinpcreditt)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 3.87096762657166-2230.64526367188

Valid cases: 251  
 Invalid: 1344  
 Minimum: 3.9  
 Maximum: 2230.6  
 Mean: 425.4  
 Standard deviation: 498.4

nplots== 1.0000 (np1)

File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

nplots== 2.0000 (np2)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

nplots== 3.0000 (np3)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

nplots== 4.0000 (np4)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

1=had disbute over a plot (disput)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

1=can leave land without fear of loss (tsecdummy)  
 File: gha-agra-2016-v1

**Overview**

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

Valid cases: 1595  
 Invalid: 0

number of years land can be left (yrstsec)

File: gha-agra-2016-v1

#### Overview

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

Valid cases: 1239  
 Invalid: 356  
 Minimum: 1  
 Maximum: 5  
 Mean: 4.8  
 Standard deviation: 0.5

(plotsize)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 17  
 Decimals: 0  
 Range: 0.202347218990326-14.1643056869507

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0.2  
 Maximum: 14.2  
 Mean: 2.2  
 Standard deviation: 1.9

(plotsiz)

File: gha-agra-2016-v1

#### Overview

Type: Continuous  
 Format: numeric  
 Width: 16  
 Decimals: 0  
 Range: 0-25.0910568237305

Valid cases: 1595  
 Invalid: 0  
 Minimum: 0  
 Maximum: 25.1  
 Mean: 2.3  
 Standard deviation: 2.2

(t)

File: gha-agra-2016-v1

#### Overview

Type: Discrete  
 Format: numeric  
 Width: 1  
 Decimals: 0  
 Range: 0-7

Valid cases: 1595  
 Invalid: 0

(V569)

File: gha-agra-2016-v1

**Overview**

Type: Discrete  
Format: numeric  
Width: 1  
Decimals: 0  
Range: 0-2

Valid cases: 1595  
Invalid: 0

# Documentation

## Questionnaires

### Baseline Household Survey 2016

---

Title	Baseline Household Survey 2016
Date	2016
Country	Ghana
Language	English
Publisher(s)	ISSER
Description	This is the questionnaire for the survey
Filename	q-agra-2016-gha-hh.pdf

---

## Reports

### AGRA Baseline Survey Ghana 2016

---

Title	AGRA Baseline Survey Ghana 2016
Date	2016
Country	Ghana
Language	English
Publisher(s)	ISSER
Description	This is the final report for the survey
Filename	agra-2016-gha-report.pdf

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