Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

Agricultural Sample Survey 2005-2006 (1998 E.C)

Study Documentation

December 28, 2010

Metadata Production

Metadata Producer(s)	Central Statistical Agency (CSA) , Ministry of Finance and Economic Development , Production and documentation of the study International Household Survey Network (IHSN) , Review of the metadata
Production Date	September 22, 2006
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Identification	DDI-ETH-CSA-AgSS-2005-1.1

Table of Contents

Ethiopia (2005-2006)
Agricultural Sample Survey 2005-2006 (1998 E.C) (AgSS 2005-2006)

Overview

Type	Agricultural Survey [ag/oth]
Identification	ETH-CSA-AgSS-2005-v1.1
Version	Version 1.1: Edited and non anonymized dataset, for internal use only.

Abstract

The production and utilization of food crops is a necessity to humanity. Agriculture, as a primary activity directly connected to food availability, plays a crucial role in responding to this necessity. Agriculture is presumed to be the engine for economic development in developing countries and more oriented to rural development to ensure the wellbeing of the population. Consequently the efforts of government and non - government organizations have been poured on to it besides the farmers' to realize food security. Adverse conditions emanating from natural disasters and man made problems such as the over exploitation of land generate shocks to agriculture that instigate crises related to food availability. These and other effects necessitate a priority in scrutinizing the performance of agriculture in order to combat food crises. Accurate and timely statistics are a requisite to check, appraise and gauge the agricultural situation. They are used to inform data users of the nature of agriculture and changes taking place in it and trigger policy intervention. To this end, the Central Statistical Agency (CSA) has been furnishing statistical information on the country's agriculture since 1980-1981. As part of this task the 2005-2006 (1998 E.C) Agricultural Sample Survey was conducted to provide data on crop area and production of crops within the private peasant holdings for Main (“Meher”) Season of the cited year.

The general objective of CSA's Agricultural Sample Survey (AgSS) is to collect basic quantitative information on the country's agriculture that is essential for planning, policy formulation, monitoring and evaluation of mainly food security and other agricultural activities.

The specific objectives of Main (“Meher”) Season Post Harvest Survey are:
- To estimate the total cultivated area, production and yield of crops and provide estimates of land use area and quantity of agricultural inputs.
- To estimate the total volume of inputs used, inputs applied area and number of holders using inputs.
- To estimate the total cultivated area and other forms of land use.

Kind of Data	Sample survey data [ssd]
Unit of Analysis	Agricultural household/ Holder/ Crop

Scope & Coverage

Scope

The scope of annual Agricultural Sample Survey included:
- Area identification and characteristics of agricultural holder's. This included household's geographic locations, holder's age, holder's sex and educational status.
- List of fields and agricultural practices for pure stand and mixed crops.
- List of permanent crops and number of tress.
- Records of quantity of improved seed, fertilizers and information on crop protection.
- Records of results of area measurements.
- List and selection of fields for crop cutting and details of record of crop cutting.

Geographic Coverage

The 2005-2006 annual Agricultural Sample Survey covered the entire rural parts of the country except all zones of Gambella region, and the non-sedentary population of three zones of Afar and six zones of Somali regions.

Universe

Agricultural households

Producers & Sponsors

Primary Investigator(s)	Central Statistical Agency, Ministry of Finance and Economic Development
Funding Agency/ies	Government of Ethiopia (GoE)

Sampling

Sampling Procedure

Sampling Frame:

The list containing EAs of all regions and their respective agricultural households obtained from the 2001/02 Ethiopian Agricultural Sample Enumeration (EASE) was used as the sampling frame in order to select the primary sampling units (EAs). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. Resettlement localities, on the other hand, are sub-samples of the list of all resettlements localities obtained from each region. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA/ resettlement localities at the beginning of the survey.

Sample Design:

In order to select the sample a stratified two-stage cluster sample design was implemented. Enumeration areas (EAs) /resettlement locality were taken to be the primary sampling units (PSUs) and the secondary sampling units (SSUs) were agricultural households. In 2005-2006, unlike the years before, in order to obtain a fairly representative number of extension program participant households the CSA categorized the listed agricultural households in each EAs/resettlement area into two strata, i.e. households that are and that are not participants of extension program. The stratification was done on the basis of the six major crops where by the extension program is mostly exercised in the country. The crops are maize, teff, wheat, barley, sorghum and finger millet. The sample size for the 2005-2006 agricultural sample survey was determined by taking into account of both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors manageability of the survey in terms of quality and operational control was also in addition considered. Except Harari, Addis Ababa and Dire Dawa, where each region as a whole was taken to be the domain of estimation; each zone of a region / special wereda was adopted as a stratum for which major findings of the survey are reported. Moreover, values about the 2005-2006 cultivated areas of crops and the expected amount of production for Gambella region is also provided. However, it is important to note that the values are not obtained from the survey but they are projections from the results of the 2003/04 annual Crop Production Forecast Sample Survey.

Selection Scheme:

Enumeration areas/resettlement localities from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households. The sizes for EAs were obtained from the 1994 Population & Housing Census and adjusted for the sub-sampling effect. Sizes for resettlement localities on the other hand were obtained from the 2004 listings of resettlement localities. From the fresh list of households prepared at the beginning of the survey 30 agricultural households within each sample EA/resettlement locality were selected systematically. Twenty of the households were selected from non extension participant agricultural households while the rest 10 households were selected from extension participant agricultural households.

Note: Distribution of sampling units planned and covered EAs and resettlement localities) by stratum is presented in Appendix III of 2005-2006 Agricultural Sample Survey, Volume I report which is provided as external resource.

Response Rate

A total of 2,024 enumeration areas (EAs) and 250 resettlement localities were selected to be covered in the survey. However, due to various reasons that are beyond control, in 12 EAs and 1 resettlement locality the survey

could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,012 EAs and 249 resettlement localities (99.43 %) throughout the regions.

Data Collection

Data Collection Dates	start 2005-09 end 2006-02
Data Collection Mode	Face-to-face [f2f]

Data Collection Notes

Organization of field work:

To successfully conduct the survey a well executed fieldwork arrangement was necessary. In recognition of this, the organization of fieldwork has been entrusted to the Department of Field Operations that liaises between the Head Office and the 25 Branch Statistical Offices spread across the regions. All Branch Offices took part in the survey execution especially in recruiting the enumerators, organizing the 2nd stage training, assigning the field staff to their sites of enumeration, supervising the data collection and retrieving completed questionnaires and submitting them to the Head Office for data processing. The Branch Offices were also responsible in administering the financial and logistic aspects of the survey within their areas of operation. A total of 2388 enumerators, 455 field supervisors, 25 coordinators and 50 statisticians were involved in the data collection where on the average one supervisor was assigned to five enumeration areas for supervision of data collection. All the enumerators were supplied with the necessary survey equipment after the completion of the training to ensure the smooth operation of the survey. To facilitate the data collection activities, a total of 205 four-wheel drive vehicles were used.

Training of field staff:

The execution of a survey and quality of data acquired from the survey highly depend on the type of training given to the enumerators and supervisors and the consequent understanding of the tasks to be performed and the standard procedures to be followed by the enumerators and supervisors in the survey undertaking. The quality and completeness of data is ensured when the training meets its objective of producing responsible and fervent enumerators and supervisors. In light of this point, the training was given to the field staff in two stages. The first stage training, which took place at the Head Quarters of CSA and lasted 10 days targeted staff from the Head Office, and senior field supervisors from Branch Statistical Offices. The staff that took part in the first stage training was then assigned to conduct similar training for the enumerators and other supervisors for fifteen days in all the twenty- five Branch Statistical Offices distributed across the country. In the training the field staff was given detailed classroom instruction on how to collect data, method of area measurement, method of crop cutting, interviewing procedures, etc. The training also included field practice to reinforce the understanding of concepts, definitions and theories discussed in the classroom with regard to field measurement, crop cutting and interviewing methods.

Method of data collection:

The agricultural data for the year 2005/06(1998 E.C) was collected from sedentary rural peasant households by interviewing the selected agricultural holders and physically measuring their fields and performing crop cutting procedures to gather data on crop yields and other items of interest. The data obtained were recorded in various forms designed for this purpose. Instruments like measuring tape; compass, kitchen balance, scientific calculators and others were used during data collection for a timely and smooth acquisition of accurate data. The procedures for measuring area under crop and area of non - crop fields operated by the holders were performed for the 25 selected households from each sampled E.A. using measuring tapes and compasses. All fields under major temporary crops of each holder of the fifteen randomly selected households of the 25 sample households were classified by crop type and a crop field was randomly selected from each crop type for crop cutting to be performed. The crop cutting procedure consists of demarcation of a four meter by four meter plot randomly located in the selected field where the crop in the demarcated plot is to be harvested. Following the enumerator's harvest of the crop demarcated and threshing, the crop is kept in bags with identification information (i.e. holder's number, parcel and field numbers). The crop stored in the bag is weighed immediately (green weight) after

threshing and weighed again after two weeks of drying to simulate normal holder harvesting and drying practices. Both the green and dry weights are recorded on the respective forms.

Questionnaires

The 2005-2006 annual Agricultural Sample Survey used structured questionnaires to collect agricultural information from selected sample households.

List of forms in the questionnaires:

- AgSS Form 98/0: It contains forms that used to list all households in the sample areas.
- AgSS Form 98/1: It contains forms that used to list selected households in the sample areas.
- AgSS Form 98/2A: It contains forms that used to collect information about crops, results of area measurements covered by crops and other land uses.
- AgSS Form 98/2B: It contains forms that used to collect information about miscellaneous questions for the holders.
- AgSS Form 98/4: It contains forms that used to collect information about list of temporary crop fields for selecting crop cutting plots.
- AgSS Form 98/5: It contains forms that used to collect information about list of temporary crop cutting results.

Note: The questionnaires are presented in the Appendix III of the 2005-2006 Agricultural Sample Survey report, Volume I which is provided as external resource.

Data Collector(s)	Central Statistical Agency of Ethiopia (CSA) , Ministry of Finance and Economic Development

Data Processing & Appraisal

Data Editing

Editing, Coding and Verification:

Statistical data editing plays an important role in ensuring the quality of the collected survey data. It minimizes the effects of errors introduced while collecting data in the field, hence the need for data editing, coding and verification. Although coding and editing are done by the enumerators and supervisors in the field, respectively, verification of this task is done at the Head Office. An editing, coding and verification instruction manual was prepared and reproduced for this purpose. Then 55 editors-coders and verifiers were trained for two days in editing, coding and verification using the aforementioned manual as a reference and teaching aid. The completed questionnaires were edited, coded and later verified on a 100 % basis before the questionnaires were passed over to the data entry unit. The editing, coding and verification exercise of all questionnaires took 25 days.

Data Entry, Cleaning and Tabulation:

Before data entry, the Natural Resources and Agricultural Statistics Department prepared edit specification for the survey for use on personal computers for data consistency checking purposes. The data on the edited and coded questionnaires were then entered into personal computers. The data were then checked and cleaned using the edit specifications prepared earlier for this purpose. The data entry operation involved about 80 data encoders and it took 60 days to finish the job. Finally, summarization of the data was done on personal computers to produce statistical tables as per the tabulation plan.

Estimates of Sampling Error

Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix I and II of 2005-2006 Agricultural Sample Survey, Volume I report which is provided as external resource.

Accessibility

Access Authority	Central Statistical Agency of Ethiopia (Ministry of Finance and Economic Development) , http://www.csa.gov.et , csa@csa.gov.et
Contact(s)	Data Administrator (Central Statistical Agency) , http://www.csa.gov.et , data@csa.gov.et

Access Conditions

The Central Statistical Agency (CSA) is committed to achieving excellence in the provision of timely, reliable and affordable official statistics for informed decision making in order to maximize the welfare of all Ethiopians. This is achieved through the collection and analysis of censuses, surveys and the use of administrative data as well as the dissemination a range of statistical products and providing assistance and services to users.

A microdata dissemination policy is established by CSA to address the conditions and the manner in which anonymized microdata files may be released to users for research purposes. It also strives to identify the different levels of anonymization for different categories of data use. This policy is available at CSA website (http://www.csa.gov.et).

CSA will release microdata files for use by researchers for scientific research purposes when:
The Director General is satisfied that all reasonable steps have been taken to prevent the identification of individual respondents.

The release of the data will substantially enhance the analytic value of the data that have been collected For all but purely public files, researchers disclose the nature and objectives of their intended research, It can be demonstrated that there are no credible alternative sources for these data, and

The researchers have signed an appropriate undertaking.

Terms and conditions of use of public data files are the following:

The data and other materials provided by CSA will not be redistributed or sold to other individuals, institutions, or organizations without the written agreement of CSA.

The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations.

No attempt will be made to re-identify respondents, and no use will be made of the identity of any person or establishment discovered inadvertently. Any such discovery would immediately be reported to the CSA.

No attempt will be made to produce links among datasets provided by CSA, or among data from the CSA and other datasets that could identify individuals or organizations.

Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from CSA will cite the source of data in accordance with the Citation Requirement provided with each dataset.

An electronic copy of all reports and publications based on the requested data will be sent to CSA.

The original collector of the data, CSA, and the relevant funding agencies bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

Cost Recovery Policy:
It is the policy of CSA to encourage broad use of its products by making them affordable for users. Accordingly, CSA attempts to ensure that the costs of creating anonymized microdata files are built-in to the survey budget.

At the same time, CSA attempts to recover costs associated with the provisions of special services that benefit only a specific group. Information on the price of each dataset is available at CSA website (www.csa.gov.et)

Citation Requirements

The following statement must be used as citation: "Central Statistical Authority of Ethiopia (CSA). Agricultural Sample Survey (AgSS2005-2006) "

Rights & Disclaimer

Disclaimer

The user of the data acknowledges that the original collector of the data, the authorized distributor of the data, and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

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Files Description

Dataset contains 2 file(s)

Main 98 Holder Information	
# Cases	36875
# Variable(s)	15
File Structure	Type: relational Key(s): v01 (Region) , v02 (Zone) , v03 (District) , v04 (Farmers' association) , v05 (Enumeration area) , v06 (Household number) , v07 (Household head sex) , v08 (Holder number)
File Content Dataset collected at household holder level and contains information about holder's sex, age, educational background and type of holding.	
Producer Central Statistical Agency of Ethiopia	
Version Version 1.1: In this version of the dataset appropriate variable information are provided and missing variable documentation information is also given including value labels.	

Dataset_agricultural_survey	
# Cases	509617
# Variable(s)	45
File Structure	Type: relational Key(s): v01 (Region) , v02 (Zone) , v03 (District) , v04 (Farmers' association) , v05 (Enumeration area) , v06 (Household number) , v07 (Household head sex) , v08 (Holder number) , parcel (Parcel) , fld (Field) , part (Field number for each of mixed crops (if the field is covered by mixed crops))
File Content This file contains information about agricultural practices, production, area covered by crops and different land use at crop level.	
Producer Central Statistical Agency of Ethiopia	
Version Version 1.1: In this version of the dataset appropriate variable information are provided and missing variable documentation information is also given including value labels.	
Notes If EA greater than 150, then it is sefera otherwise it is non sefera.	

Variables List

Dataset contains 60 variable(s)

File Main 98 Holder Information

#	Name	Label	Type	Format	Valid	Invalid	Question
1	v01	Region	discrete	numeric-2.0	36875	0	Region
2	v02	Zone	continuous	numeric-2.0	36875	0	Zone
3	v03	District	continuous	numeric-2.0	36875	0	District/ Wereda
4	v04	Farmers' association	continuous	numeric-3.0	36875	0	Farmers' association
5	v05	Enumeration area	continuous	numeric-2.0	36875	0	Enumeration area
6	v06	Household number	continuous	numeric-3.0	36875	0	Household number
7	v07	Household head sex	discrete	numeric-1.0	36875	0	Household Head sex
8	v08	Holder number	continuous	numeric-1.0	36875	0	Holder number
9	hweight	Holder weight	continuous	numeric-6.2	36875	0	Holder weight
10	v09	Holder's age	continuous	numeric-2.0	36875	0	Holder's age
11	v10	Holder sex	discrete	numeric-1.0	36875	0	Holder's sex
12	v11	Educational status or highest grade completed	discrete	numeric-2.0	36875	0	Educational status or highest grade completed
13	v12	Household size	continuous	numeric-2.0	36875	0	Household size
14	v13	Type of holding	discrete	numeric-1.0	36875	0	Type of holding
15	hratio	Holder ratio	continuous	numeric-8.7	36875	0	Holder ratio

File Dataset_agricultural_survey

#	Name	Label	Type	Format	Valid	Invalid	Question
1	v01	Region	discrete	numeric-2.0	509617	0	Region
2	v02	Zone	continuous	numeric-2.0	509617	0	Zone
3	v03	District	continuous	numeric-2.0	509617	0	District/ Wereda
4	v04	Farmers' association	continuous	numeric-3.0	509617	0	Farmers' association
5	v05	Enumeration area	continuous	numeric-2.0	509617	0	Enumeration area
6	v06	Household number	continuous	numeric-3.0	509617	0	Household number
7	v07	Household head sex	discrete	numeric-1.0	509617	0	Household Head sex
8	v08	Holder number	continuous	numeric-1.0	509617	0	Holder number
9	parcel	Parcel	continuous	numeric-2.0	509617	0	Parcel number
10	fld	Field	continuous	numeric-2.0	509617	0	Field number
11	wgt	Household weight	continuous	numeric-6.2	509617	0	Household weight
12	part	Field number for each of mixed crops (if the field is covered by mixed crops)	continuous	numeric-1.0	509617	0	Field number for each of mixed crops (if the field is covered by mixed crops)
13	fldt	Field type	discrete	numeric-1.0	509617	0	Field type
14	crop	Crop type	discrete	numeric-3.0	509617	0	Crop type
15	owntype	Ownership	discrete	numeric-1.0	509616	1	Ownership

File Dataset_agricultural_survey

#	Name	Label	Type	Format	Valid	Invalid	Question
16	ext	Packed under extension program	discrete	numeric-1.0	509617	0	Is field under extension program?
17	irrg	Used irrigation	discrete	numeric-1.0	390958	118659	Is field irrigated?
18	sirrg	Source of water	discrete	numeric-1.0	12854	496763	If field irrigated, what is the source of water?
19	serro	Prevented from soil erosion	discrete	numeric-1.0	412643	96974	Is field prevented form erosion?
20	merro	Measure for errosion	discrete	numeric-1.0	235752	273865	Common way of prevention
21	trees	Number of fruit trees	continuous	numeric-5.0	56065	453552	Number of fruit trees (excluding coffee, chat, pineapple, sugarcane)
22	treesba	Number of fruit bearing trees	continuous	numeric-5.0	56065	453552	Number of fruit bearing trees (excluding coffee, chat, pineapple, sugarcane)
23	seedtype	Seed / seedling type	discrete	numeric-1.0	388754	120863	Seed / seedling type
24	wtimseed	Quantity of improved seeds used (for cereals, pulses & oilseeds only)	continuous	numeric-8.3	9555	500062	For cereals, pulses & oilseeds only quantity of improved seeds used
25	costimps	Price of improved seeds used (for cereals, pulses & oilseeds only)	continuous	numeric-9.2	9830	499787	For cereals, pulses & oilseeds only price of improved seeds used
26	wtniseed	Quantity of indigenous seeds used (for cereals, pulses & oilseeds only)	continuous	numeric-8.3	211762	297855	For cereals, pulses & oilseeds only quantity of indigenous seeds used
27	damage	Crop damaged	discrete	numeric-1.0	390102	119515	Was crop damaged?
28	dreason	Cause of damage	discrete	numeric-2.0	114684	394933	Cause of damage
29	dpercent	Percent of damaged crop	continuous	numeric-3.0	114595	395022	Percent of damaged crop
30	dmeasure	Measure taken to prevent the damage	discrete	numeric-1.0	389792	119825	Prevention/precaution measure taken?
31	dmtype	Type of measure	discrete	numeric-1.0	372061	137556	Type of measure if any?
32	dmchem	Type of chemical used	discrete	numeric-1.0	19233	490384	Chemical type used if any
33	fert	Ferilizer used	discrete	numeric-1.0	509617	0	Is fertilizer used?
34	ferttype	Type of fertilizer used	discrete	numeric-1.0	179208	330409	Type of fertilizer used if any?
35	d22a	Chemical fertilizer type	discrete	numeric-1.0	57177	452440	If chemical fertilizer used, what type was it?
36	d22b	Chemical fertilizer quantity	continuous	numeric-8.3	55690	453927	Quantity of chemical fertilizer used
37	d23	Natural fertilizer type	discrete	numeric-1.0	131452	378165	If natural fertilizer used, what type was it?
38	d24	Double temporary cropping in main season	discrete	numeric-1.0	322179	187438	Double temporary cropping in main season
39	d25a	Double crop type	discrete	numeric-3.0	4948	504669	Which crop is the 2nd harvest?
40	d26	Previous state of field	discrete	numeric-1.0	507076	2541	What was the previous state of the field?
41	apercent	Percent share of mixed crops	continuous	numeric-3.0	509435	182	Percent share of mixed crops
42	cerror	Closure error	continuous	numeric-6.0	496679	12938	Closure error
43	areah	Area in hectar	continuous	numeric-8.6	509365	252	Area in hectar
44	prodq	Production in quintal	continuous	numeric-8.2	331868	177749	Production in quintal

File Dataset_agricultural_survey

#	Name	Label	Type	Format	Valid	Invalid	Question
45	landuse	Land utilization	discrete	numeric-8.0	509617	0	Land utilization

Variables Description

Dataset contains60 variable(s)

File Main 98 Holder Information

#1 v01: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=36875 / 8972789.16] [Invalid=0 / 0]
Literal question	Region

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Tigray	3346	601592.4	6.7%
2	Afar	660	25462.6	0.3%
3	Amhara	7403	2564063.0	28.6%
4	Oromiya	10784	3493610.5	38.9%
5	Somalie	1419	107191.0	1.2%
6	Benshangul	1360	112587.1	1.3%
7	SNNP	10778	2033551.4	22.7%
12	Gambela	0	0.0	0.0%
13	Harari	464	15197.0	0.2%
14	Addis ababa	251	3810.6	0.0%
15	Dire dawa	410	15723.7	0.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#2 v02: Zone

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=6.442 /-] [StdDev=4.944 /-]
Literal question	Zone

#3 v03: District

Information	[Type= continuous] [Format=numeric] [Range= 1-35] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=6.8 /-] [StdDev=6.064 /-]
Literal question	District/ Wereda

#4 v04: Farmers' association

Information	[Type= continuous] [Format=numeric] [Range= 1-162] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=38.975 /-] [StdDev=43.971 /-]
Literal question	Farmers' association

#5 v05: Enumeration area

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=1.978 /-] [StdDev=2.008 /-]
Literal question	Enumeration area

#6 v06: Household number

Information	[Type= continuous] [Format=numeric] [Range= 1-999] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=115.565 /-] [StdDev=101.286 /-]
Literal question	Household number

File Main 98 Holder Information

#7 v07: Household head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=36875 / 8972789.16] [Invalid=0 / 0]
Literal question	Household Head sex

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Male	30723	7368937.9	82.1%
2	Female	6152	1603851.3	17.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#8 v08: Holder number

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=1.016 /-] [StdDev=0.149 /-]
Literal question	Holder number

#9 hweight: Holder weight

Information	[Type= continuous] [Format=numeric] [Range= 1-1793.58] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=243.33 /-] [StdDev=187.259 /-]
Literal question	Holder weight

#10 v09: Holder's age

Information	[Type= continuous] [Format=numeric] [Range= 1-98] [Missing=*]
Statistics [NW/ W]	[Valid=36875 / 8972789.16] [Invalid=0 / 0]
Literal question	Holder's age

Frequency table not shown (94 Modalities)

#11 v10: Holder sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=36875 / 8972789.16] [Invalid=0 / 0]
Literal question	Holder's sex

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Male	30757	7379866.3	82.2%
2	Female	6118	1592922.8	17.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#12 v11: Educational status or highest grade completed

Information	[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=36875 / 8972789.16] [Invalid=0 / 0]
Literal question	Educational status or highest grade completed

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Illitrate	24728	6023799.8	67.1%
2	Informal education	2946	794777.2	8.9%
3	Grade 1 completed	828	187639.6	2.1%
4	Grade 2 completed	1345	328813.5	3.7%
5	Grade 3 completed	1542	362823.9	4.0%
6	Grade 4 completed	1359	316873.5	3.5%
7	Grade 5 completed	1149	261756.8	2.9%

File Main 98 Holder Information

#12 v11: Educational status or highest grade completed

Value	Label	Cases	Weighted	Percentage (Weighted)
8	Grade 6 completed	1088	244134.3	2.7%
9	Grade 7 completed	648	158361.3	1.8%
10	Grade 8 completed	478	109168.6	1.2%
11	Grade 9 complete through the old education system	268	69608.1	0.8%
12	Grade 10 completed through the old education system	202	47054.3	0.5%
13	Grade 11 completed through the old education system	28	6569.4	0.1%
14	Grade 12 completed through the old education system	193	42500.3	0.5%
15	Above grade 12	73	18908.6	0.2%
16	Grade 9 complete through the new education system	0	0.0	0.0%
17	Grade 10 complete through the new education system	0	0.0	0.0%
18	Studing at the vocational school after completion of grade 10 through the new education system	0	0.0	0.0%
19	Obtained certificate after complition of voccational school through the new education system	0	0.0	0.0%
20	Completed grade 11 preparatory studies for higher education	0	0.0	0.0%
21	Completed grade 12 preparatory studies for higher education	0	0.0	0.0%
22	Above from grade 12 preparatory studies	0	0.0	0.0%
99	Not stated	0	0.0	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#13 v12: Household size

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=36875 / 8972789.16] [Invalid=0 / 0]
Literal question	Household size

Value	Label	Cases	Weighted	Percentage (Weighted)
1	1	1472	215557.8	2.4%
2	2	3071	697844.2	7.8%
3	3	4830	1171756.7	13.1%
4	4	5939	1459138.4	16.3%
5	5	5999	1504973.2	16.8%
6	6	5411	1355059.3	15.1%
7	7	4087	1023985.4	11.4%
8	8	2868	737045.9	8.2%
9	9	1514	386630.3	4.3%
10	10	937	227769.2	2.5%
11	11	339	88158.7	1.0%
12	12	250	64215.3	0.7%

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#13 v12: Household size

Value	Label	Cases	Weighted	Percentage (Weighted)
13	13	72	18365.0	0.2%
14	14	40	9538.7	0.1%
15	15	22	6141.6	0.1%
16	16	9	2829.1	0.0%
17	17	3	1059.5	0.0%
18	18	2	678.1	0.0%
19	19	1	275.9	0.0%
20	20	2	33.3	0.0%
22	22	2	72.0	0.0%
23	23	1	398.5	0.0%
31	31	1	456.9	0.0%
99	99	3	806.1	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#14 v13: Type of holding

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=36875 / 8972789.16] [Invalid=0 / 0]
Literal question	Type of holding

Value	Label	Cases	Weighted	Percentage (Weighted)
1	Crop only	4250	791965.4	8.8%
2	Livestock only	1342	216782.4	2.4%
3	Both	31282	7963898.9	88.8%
9	Not stated	1	142.5	0.0%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#15 hratio: Holder ratio

Information	[Type= continuous] [Format=numeric] [Range= 0.0062599-1] [Missing=*]
Statistics [NW/ W]	[Valid=36875 /-] [Invalid=0 /-] [Mean=0.188 /-] [StdDev=0.287 /-]
Literal question	Holder ratio

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#1 v01: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	34241	6.7%
2	Afar	3711	0.7%
3	Amhara	95463	18.7%
4	Oromiya	153449	30.1%
5	Somalie	7295	1.4%
6	Benshangul	13719	2.7%
7	SNNP	187432	36.8%

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#1 v01: Region

Value	Label	Cases	Percentage
12	Gambela	0	0.0%
13	Harari	6097	1.2%
14	Addis ababa	4374	0.9%
15	Dire dawa	3836	0.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#2 v02: Zone

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=6.827 /-] [StdDev=5.22 /-]
Literal question	Zone

#3 v03: District

Information	[Type= continuous] [Format=numeric] [Range= 1-35] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=7.129 /-] [StdDev=6.405 /-]
Literal question	District/ Wereda

#4 v04: Farmers' association

Information	[Type= continuous] [Format=numeric] [Range= 1-162] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=36.681 /-] [StdDev=38.944 /-]
Literal question	Farmers' association

#5 v05: Enumeration area

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=2.052 /-] [StdDev=3.091 /-]
Literal question	Enumeration area

#6 v06: Household number

Information	[Type= continuous] [Format=numeric] [Range= 1-999] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=117.817 /-] [StdDev=92.1 /-]
Literal question	Household number

#7 v07: Household head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Household Head sex

Value	Label	Cases	Percentage
1	Male	439947	86.3%
2	Female	69670	13.7%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#8 v08: Holder number

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=1.011 /-] [StdDev=0.121 /-]
Literal question	Holder number

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#9 parcel: Parcel

Information	[Type= continuous] [Format=numeric] [Range= 1-86] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=2.027 /-] [StdDev=1.88 /-]
Literal question	Parcel number

#10 fld: Field

Information	[Type= continuous] [Format=numeric] [Range= 1-97] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=4.031 /-] [StdDev=4.181 /-]
Literal question	Field number

#11 wgt: Household weight

Information	[Type= continuous] [Format=numeric] [Range= 5.26-10754] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-] [Mean=397.609 /-] [StdDev=531.294 /-]
Literal question	Household weight

#12 part: Field number for each of mixed crops (if the field is covered by mixed crops)

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Field number for each of mixed crops (if the field is covered by mixed crops)

Value	Label	Cases	Percentage
1	1	435294	85.4%
2	2	55897	11.0%
3	3	18426	3.6%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#13 fldt: Field type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Field type

Value	Label	Cases	Percentage
1	Pure stand	260800	51.2%
2	Mixed crops	130421	25.6%
3	Other land use	118396	23.2%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#14 crop: Crop type

Information	[Type= discrete] [Format=numeric] [Range= 1-999] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Crop type

Frequency table not shown (74 Modalities)

#15 owntype: Ownership

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=509616 /-] [Invalid=1 /-]
Literal question	Ownership

File Dataset_agricultural_survey

#15 owntype: Ownership

Value	Label	Cases	Percentage
1	Private	475603	93.3%
2	Rent/leased	22499	4.4%
3	Other	11514	2.3%
Sysmiss		1	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#16 ext: Packed under extension program

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Is field under extension program?

Value	Label	Cases	Percentage
1	Yes	26255	5.2%
2	No	483362	94.8%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#17 irrg: Used irrigation

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=390958 /-] [Invalid=118659 /-]
Literal question	Is field irrigated?

Value	Label	Cases	Percentage
1	Yes	12854	3.3%
2	No	378102	96.7%
9	Not stated	2	0.0%
Sysmiss		118659	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#18 sirrg: Source of water

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=12854 /-] [Invalid=496763 /-]
Literal question	If field irrigated, what is the source of water?

Value	Label	Cases	Percentage
1	River	9980	77.6%
2	Lake	123	1.0%
3	Pond	950	7.4%
4	Water harvesting	842	6.6%
5	Other	959	7.5%
Sysmiss		496763	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#19 serro: Prevented from soil erosion

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=412643 /-] [Invalid=96974 /-]
Literal question	Is field prevented form erosion?

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#19 serro: Prevented from soil erosion

Value	Label	Cases	Percentage
1	Yes	235746	57.1%
2	No	176890	42.9%
9	Nt stated	7	0.0%
Sysmiss		96974	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#20 merro: Measure for errosion

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=235752 /-] [Invalid=273865 /-]
Pre-question	If “Yes” in “Is field prevented form erosion?”
Literal question	Common way of prevention

Value	Label	Cases	Percentage
1	Terracing	66366	28.2%
2	Water catchments	27365	11.6%
3	Afforestation	1981	0.8%
4	Plough along the contour	112614	47.8%
5	Others	27426	11.6%
Sysmiss		273865	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#21 trees: Number of fruit trees

Information	[Type= continuous] [Format=numeric] [Range= 0-99999] [Missing=*/99999]
Statistics [NW/ W]	[Valid=56065 /-] [Invalid=453552 /-] [Mean=121.015 /-] [StdDev=414.56 /-]
Literal question	Number of fruit trees (excluding coffee, chat, pineapple, sugarcane)

#22 treesba: Number of fruit bearing trees

Information	[Type= continuous] [Format=numeric] [Range= 0-99999] [Missing=*/99999]
Statistics [NW/ W]	[Valid=56065 /-] [Invalid=453552 /-] [Mean=38.661 /-] [StdDev=145.12 /-]
Literal question	Number of fruit bearing trees (excluding coffee, chat, pineapple, sugarcane)

#23 seedtype: Seed / seedling type

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=388754 /-] [Invalid=120863 /-]
Literal question	Seed / seedling type

Value	Label	Cases	Percentage
1	Improved	9775	2.5%
2	Non improved\indigenous	378979	97.5%
Sysmiss		120863	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#24 wtimseed: Quantity of improved seeds used (for cereals, pulses & oilseeds only)

Information	[Type= continuous] [Format=numeric] [Range= 0-9999.999] [Missing=*/9999.999]
Statistics [NW/ W]	[Valid=9555 /-] [Invalid=500062 /-] [Mean=172.157 /-] [StdDev=550.405 /-]
Literal question	For cereals, pulses & oilseeds only quantity of improved seeds used

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#25 costimps: Price of improved seeds used (for cereals, pulses & oilseeds only)

Information	[Type= continuous] [Format=numeric] [Range= 0.04-999999.99] [Missing=*/999999.99]
Statistics [NW/ W]	[Valid=9830 /-] [Invalid=499787 /-] [Mean=235.504 /-] [StdDev=384.232 /-]
Literal question	For cereals, pulses & oilseeds only price of improved seeds used

#26 wtniseed: Quantity of indigenous seeds used (for cereals, pulses & oilseeds only)

Information	[Type= continuous] [Format=numeric] [Range= 0-9999.999] [Missing=*/9999.999]
Statistics [NW/ W]	[Valid=211762 /-] [Invalid=297855 /-] [Mean=11.787 /-] [StdDev=30.784 /-]
Literal question	For cereals, pulses & oilseeds only quantity of indigenous seeds used

#27 damage: Crop damaged

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=390102 /-] [Invalid=119515 /-]
Literal question	Was crop damaged?

Value	Label	Cases	Percentage
1	Yes	114681	29.4%
2	No	275421	70.6%
Sysmiss		119515	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#28 dreason: Cause of damage

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=114684 /-] [Invalid=394933 /-]
Pre-question	If “Yes” in “Was crop damaged?”
Literal question	Cause of damage

Value	Label	Cases	Percentage
1	Too much rain	17583	15.3%
2	Too little rain	2218	1.9%
3	Insects	2716	2.4%
4	Crop disease	213	0.2%
5	Weeds	19457	17.0%
6	Hail	23665	20.6%
7	Frost	8588	7.5%
8	Floods	6227	5.4%
9	Wild animals	1011	0.9%
10	Locust	6516	5.7%
11	Birds	7780	6.8%
12	Shortage of seed	459	0.4%
13	Depletion of soi	10147	8.8%
14	Security problem	19	0.0%
15	Others	8085	7.0%
Sysmiss		394933	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#29 dpercent: Percent of damaged crop

Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*/999]

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#29 dpercent: Percent of damaged crop

Statistics [NW/ W]	[Valid=114595 /-] [Invalid=395022 /-]
Literal question	Percent of damaged crop

Frequency table not shown (81 Modalities)

#30 dmeasure: Measure taken to prevent the damage

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=389792 /-] [Invalid=119825 /-]
Literal question	Prevention/precaution measure taken?

Value	Label	Cases	Percentage
1	Yes	372061	95.5%
2	No	17731	4.5%
Sysmiss		119825	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#31 dmtype: Type of measure

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=372061 /-] [Invalid=137556 /-]
Literal question	Type of measure if any?

Value	Label	Cases	Percentage
1	Chemical	18291	4.9%
2	Non_chemical	353629	95.0%
3	Both	141	0.0%
Sysmiss		137556	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#32 dmchem: Type of chemical used

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=19233 /-] [Invalid=490384 /-]
Literal question	Chemical type used if any

Value	Label	Cases	Percentage
1	Pesticide	2022	10.5%
2	Herbicide	15681	81.5%
3	Fungicide	458	2.4%
4	Pesticide and hebicide	293	1.5%
5	Pesticide and fungicide	79	0.4%
6	Hebicide and fungicide	12	0.1%
7	All	16	0.1%
9	Not stated	672	3.5%
Sysmiss		490384	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#33 fert: Ferilizer used

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Is fertilizer used?

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#33 fert: Ferilizer used

Value	Label	Cases	Percentage
1	Yes	179052	35.1%
2	No	330565	64.9%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#34 ferttype: Type of fertilizer used

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=179208 /-] [Invalid=330409 /-]
Literal question	Type of fertilizer used if any?

Value	Label	Cases	Percentage
1	Natural	122933	68.6%
2	Chemical	49955	27.9%
3	Both	6320	3.5%
Sysmiss		330409	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#35 d22a: Chemical fertilizer type

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=57177 /-] [Invalid=452440 /-]
Literal question	If chemical fertilizer used, what type was it?

Value	Label	Cases	Percentage
1	Urea	5517	9.6%
2	Dap	23200	40.6%
3	Both	27000	47.2%
9	Not stated	1460	2.6%
Sysmiss		452440	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#36 d22b: Chemical fertilizer quantity

Information	[Type= continuous] [Format=numeric] [Range= 0.001-9999.999] [Missing=*/9999.999]
Statistics [NW/ W]	[Valid=55690 /-] [Invalid=453927 /-] [Mean=24.916 /-] [StdDev=34.936 /-]
Literal question	Quantity of chemical fertilizer used

#37 d23: Natural fertilizer type

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=131452 /-] [Invalid=378165 /-]
Literal question	If natural fertilizer used, what type was it?

Value	Label	Cases	Percentage
1	Mainly manure	103406	78.7%
2	Compost	6339	4.8%
3	Organic	249	0.2%
4	Manure & compost	14711	11.2%
5	Manure & organic	60	0.0%
6	Compost & organic	40	0.0%
7	All	15	0.0%

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#37 d23: Natural fertilizer type

Value	Label	Cases	Percentage
8	Others	95	0.1%
9	Not stated	6537	5.0%
Sysmiss		378165	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#38 d24: Double temporary cropping in main season

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=322179 /-] [Invalid=187438 /-]
Literal question	Double temporary cropping in main season

Value	Label	Cases	Percentage
1	Yes	317318	98.5%
2	No	4861	1.5%
Sysmiss		187438	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#39 d25a: Double crop type

Information	[Type= discrete] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=4948 /-] [Invalid=504669 /-]
Pre-question	If twice in “How often is temporary crop field used in main season?”
Literal question	Which crop is the 2nd harvest?

Frequency table not shown (77 Modalities)

#40 d26: Previous state of field

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=507076 /-] [Invalid=2541 /-]
Literal question	What was the previous state of the field?

Value	Label	Cases	Percentage
1	Fallow	13131	2.6%
2	Crop field	292576	57.7%
3	Marshy/forest/grazing	11032	2.2%
4	Rented in cropfield	6258	1.2%
5	Others	1364	0.3%
9	Not stated	182715	36.0%
Sysmiss		2541	

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

#41 apercent: Percent share of mixed crops

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*]
Statistics [NW/ W]	[Valid=509435 /-] [Invalid=182 /-]
Literal question	Percent share of mixed crops

Frequency table not shown (100 Modalities)

#42 cerror: Closure error

Information	[Type= continuous] [Format=numeric] [Range= 0-499] [Missing=*]

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#42 cerror: Closure error

Statistics [NW/ W]	[Valid=496679 /-] [Invalid=12938 /-] [Mean=136.164 /-] [StdDev=105.426 /-]
Literal question	Closure error

#43 areah: Area in hectar

Information	[Type= continuous] [Format=numeric] [Range= 3e-06-9.368809] [Missing=*]
Statistics [NW/ W]	[Valid=509365 /-] [Invalid=252 /-] [Mean=0.103 /-] [StdDev=0.197 /-]
Literal question	Area in hectar

#44 prodq: Production in quintal

Information	[Type= continuous] [Format=numeric] [Range= 3e-05-1812.932] [Missing=*]
Statistics [NW/ W]	[Valid=331868 /-] [Invalid=177749 /-] [Mean=3.9 /-] [StdDev=16.263 /-]
Literal question	Production in quintal

#45 landuse: Land utilization

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=509617 /-] [Invalid=0 /-]
Literal question	Land utilization

Value	Label	Cases	Percentage
1	Temporary crop land	290895	57.1%
2	Permanent crop land	95713	18.8%
3	Grazing land	24216	4.8%
4	Fallow land	21732	4.3%
5	Wood land	10161	2.0%
6	Other land use	66900	13.1%

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.

Documentation

Reports and analytical documents

Study Documentation, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Reports \AgSS_2005_Metadata.pdf"

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Questionnaires

Agricultural Sample Survey 2005-2006 (1998 E.C) - Questionnaire, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Questionnaires\Questionnaire_1998.pdf"

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