Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

Agricultural Sample Survey 2007-2008 (2000 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
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Ethiopia (2007)
Agricultural Sample Survey 2007-2008 (2000 E.C) (AgSS 2007-2008)

Overview

Type	Agricultural Survey [ag/oth]
Identification	ETH-CSA-AgSS-2007-v1.1
Version	Version 1.0: Edited and non anonymized dataset, for internal use only.

Abstract

The sound performance of agriculture warrants the availability of food crops. This accomplishment in agriculture does not only signify the adequate acquisition of food crops to attain food security, but also heralds a positive aspect of the economy. In regard to this, collective efforts are being geared to securing agricultural outputs of the desired level so that self reliance in food supply can be achieved and disaster caused food shortages be contained in the shortest possible time in Ethiopia. The prime role that agriculture plays in a country's political, economic and social stability makes measures of agricultural productions extremely sensitive. Statistics collected on agricultural productions are, therefore, fraught with questions of reliability by data users. To tackle these questions convincingly and dissipate the misgivings of users, information on agriculture has to be collected using standard procedures of data collection. Upholding this principle, the Central Statistical Agency (CSA) has been furnishing statistical information on the country's agriculture since 1980/81 to alert policy interventionists on the changes taking place in the agricultural sector. As part of this task the 2007-08 (2000E.C) Agricultural Sample Survey (AgSS) was conducted to provide data on crop area and production of crops within the private peasant holdings for Main ("Meher") Season of the specified 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 crop area, volume of crop production and yield of crops for Main ("Meher") Season agriculture in Ethiopia.
- 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 2007-08 (2000 E.C) annual Agricultural Sample Survey (Meher season) covered the entire rural parts of the country except the non-sedentary population of three zones of Afar and six zones of Somali regions. Accordingly,

the survey took into account all parts of Harari, Dire Dawa, and 68 additional Zones / Special weredas (that are treated as zones) of other 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 2006/07 (1999 E.C) cartographic census frame 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 4 survey. The second stage sampling units, households, were selected from a fresh list of households that were prepared for each EA 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) were taken to be the primary sampling units (PSUs) and the secondary sampling units (SSUs) were agricultural households. The sample size for the 2007/08 (2000 E.C) agricultural sample survey was determined by taking into account 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 considered. Except Harari 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.

Selection Scheme:
Enumeration areas 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 2006/07 (1999 E.C) cartographic census frame. From the fresh list of households prepared at the beginning of the survey 20 agricultural households within each sample EA were selected systematically. Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix I and II respectively.

Note: Distribution of sampling units (sampled and covered EAs) by stratum is also presented in Appendix III of 2007-2008 Agricultural Sample Survey, Volume I report which is provided as external resource.

Response Rate
To be covered by the survey, a total of 2,200 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 75 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,125 EAs (96.59%) throughout the regions. The Annual Agricultural Sample survey (Meher season) was conducted on the basis of 20 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 44,200 agricultural households, however, 42,523 (96.21%) were actually covered by the survey.

Data Collection	
Data Collection Dates	start 2007-09 end 2007-12
Data Collection Mode	Face-to-face [f2f]

Data Collection Notes
ORGANIZATION OF FIELD WORK:
The conduct of a survey cannot be executed without the arrangement of fieldwork. In recognition of this, the organization of fieldwork has been entrusted to the Department 5 of Regional Offices and 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 for administering the financial and logistic aspects of the survey within their areas of operation. A total of 2311 enumerators, 462 field supervisors, 44 coordinators and 61 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 are 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 8 days targeted staff from the Head Office, statisticians 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, 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 2007/08(2000 E.C) was collected from sedentary rural peasant households by interviewing the selected agricultural holders and physically measuring their fields to obtain 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 30 selected households from each sampled E.A. using measuring tapes and compasses.

Questionnaires
The 2007-2008 annual Agricultural Sample Survey used structured questionnaires to collect agricultural information from selected sample households.
List of forms in the questionnaires:
- AgSS Form 2000/0: It contains forms that used to list all households in the sample areas.
- AgSS Form 2000/1: It contains forms that used to list selected agricultural households and holders in the sample areas.
- AgSS Form 2000/2A: It contains forms that used to collect information about crops, results of area measurements covered by crops and other land uses.

- AgSS Form 2000/2B: It contains forms that used to collect information about miscellaneous questions for the holders.
- AgSS Form 2000/4: It contains forms that used to collect information about list of temporary crop fields for selecting crop cutting plots.
- AgSS Form 2000/5: It contains forms that used to collect information about list of temporary crop cutting results.

Note: The questionnaires are presented in the Appendix IV of the 2007-2008 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
a) 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 34 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 35 days.

b) Data Entry, Cleaning and Tabulation Before data entry, the Natural Resources and Agricultural Statistics Department of the CSA 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 97 data encoders, 4 data encoder supervisors, 8 data cleaning operators and 57 personal computers. The data entered into the computers using the entry module of the CSPRO (Census and Survey Processing System) software, which is a software package developed by the United States Bureau of the Census. Following the data entry operations, the data was further reviewed for data inconsistencies, missing data … etc. by the regular professional staff from Natural Resources and Agricultural Statistics Department. The final stage of the data processing was to summarizing the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPRO software produced by professional staff from Data processing Department.

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 respectively of 2007-2008 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 (AgSS2007-2008) "

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 3 file(s)

Holder Information - 2000	
# Cases	44720
# Variable(s)	15
File Content Dataset collected at household holder level and contains information about holder's sex, age, educational background and type of holding.	
Producer Ethiopia Central Statistical Agency	
Version Version 1.0: In this version of the dataset appropriate variable information are provided and missing variable documentation information is also given including value labels.	

Field Information - 2000	
# Cases	502547
# Variable(s)	51
File Content This file contains the area and production obtained from each field in addition to some agricultural practices information, like usage of fertilizer, irrigation usage information, improved seed, quantity of fertilizer and improved seed used etc	
Producer Ethiopia Central Statistical Agency	
Version Version 1.0: In this version of the dataset appropriate variable information are provided and missing variable documentation information is also given including value labels.	

Miscellaneous - 2000	
# Cases	44669
# Variable(s)	23
File Content This file contains information on some agricultural practices like crop rotation, extension usage, and source of irrigation if used and use of credit service.	
Producer Ethiopia Central Statistical Agency	

Variables List

Dataset contains 89 variable(s)

File Holder Information - 2000

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	continuous	numeric-2.0	44720	0	Region
2	ZONE	Zone	continuous	numeric-2.0	44720	0	Zone
3	DIST	District	continuous	numeric-2.0	44720	0	District
4	FA	Farmers Association	continuous	numeric-3.0	44720	0	Farmers Association
5	EA	Enumeration Area	continuous	numeric-2.0	44720	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	44718	2	Household Id
7	HHSEX	Head sex	continuous	numeric-1.0	44720	0	Head sex
8	HID	Holder id	continuous	numeric-1.0	44720	0	Holder id
9	HWEIGHT	Holder Weight	continuous	numeric-7.2	44720	0	Holder weight
10	AGE	Age	continuous	numeric-2.0	44719	1	Holder's age
11	SEX	Sex	continuous	numeric-1.0	44720	0	Holder's sex
12	EDUC	Education (Highest Grade)	continuous	numeric-2.0	44720	0	Educational status or highest grade completed
13	V12	Household Size	continuous	numeric-2.0	44719	1	Household size
14	HTYPE	Type of Holding	continuous	numeric-1.0	44720	0	Type of holding
15	HRATIO	Holder Ratio	continuous	numeric-9.7	44720	0	Holder ratio

File Field Information - 2000

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	continuous	numeric-2.0	502547	0	Region
2	ZONE	Zone	continuous	numeric-2.0	502547	0	Zone
3	DIST	District	continuous	numeric-2.0	502547	0	District
4	FA	Farmers Association	continuous	numeric-3.0	502547	0	Farmers Association
5	EA	Enumeration Area	continuous	numeric-2.0	502547	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	502506	41	Household Id
7	HHSEX	Head sex	continuous	numeric-1.0	502547	0	Head sex
8	HID	Holder id	continuous	numeric-1.0	502547	0	Holder id
9	PARCEL	Parcel	continuous	numeric-2.0	502547	0	Parcel
10	FLD	Field	continuous	numeric-2.0	502547	0	Field
11	FWEIGHT	FWEIGHT	continuous	numeric-7.2	502547	0	-
12	PART	Field Part	continuous	numeric-1.0	502547	0	Field Part
13	FLDTYPE	Field Type	continuous	numeric-1.0	502547	0	Field Type
14	CROP	Crop or Land Use	continuous	numeric-3.0	502547	0	Crop or Land Use
15	OWNTYPE	Owner type	continuous	numeric-1.0	502545	2	Ownership Own = 1 Rented in =2 Other =3
16	EXT	Extension	continuous	numeric-1.0	502547	0	Is field under Extension Program? Yes =1 No = 2

File Field Information - 2000

#	Name	Label	Type	Format	Valid	Invalid	Question
17	IRRG	Irrigation Used	continuous	numeric-1.0	379057	123490	-
18	SIRRG	SIRRG	continuous	numeric-1.0	13306	489241	If Field Irrigated source of water River =1 Lake =2 Pond =3 Harvested water =4 other =5
19	SERRO	SERRO	continuous	numeric-1.0	402963	99584	Is Field Prevented form Erosion
20	MERRO	MERRO	continuous	numeric-1.0	228675	273872	common way of prevention
21	TREES	Number of Trees	continuous	numeric-5.0	63692	438855	Number of Trees
22	TREESBA	Number of Trees of Bearing Age	continuous	numeric-5.0	63695	438852	Number of Trees of Bearing Age
23	SEEDTYPE	Seed Type	continuous	numeric-1.0	377372	125175	Seed Type
24	WTIMSEED	Weight of Improved Seed	continuous	numeric-8.3	4793	497754	Weight of Improved Seed
25	COSTIMPS	Improved Seed Cost	continuous	numeric-9.2	6010	496537	Improved Seed Cost
26	WTNISEED	Weight of Non-improved Seed	continuous	numeric-8.3	193978	308569	Weight of Non-improved Seed
27	DAMAGE	Any Damage?	continuous	numeric-1.0	377692	124855	Any Damage?
28	DREASON	Damage Reason	continuous	numeric-2.0	105145	397402	Damage Reason
29	DPERCENT	Damage Percent	continuous	numeric-3.0	105146	397401	Damage Percent
30	DMEASURE	Any Measure to Prevent Damage	continuous	numeric-1.0	377381	125166	Any Measure to Prevent Damage
31	DMTYPE	Type of Damage Prevention	continuous	numeric-1.0	364859	137688	Type of Damage Prevention
32	DMCHEM	Chemical Used	continuous	numeric-1.0	21764	480783	Chemical Used
33	FERT	Fertilizer Used	continuous	numeric-1.0	501526	1021	Fertilizer Used
34	FERTTYPE	Fertilizer Type	continuous	numeric-1.0	176335	326212	Fertilizer Type
35	D22A	Type of Chemical fertiluzer Used?	continuous	numeric-1.0	54989	447558	Type of Chemical fertiluzer Used?
36	D22B	If Chemical Fertilizer,Quantity in KG	continuous	numeric-8.3	53720	448827	If Chemical Fertilizer,Quantity in KG
37	D23	Type of Natural fertilizer	continuous	numeric-1.0	131394	371153	Type of Natural fertilizer
38	D24	How many times do you produce crops	continuous	numeric-1.0	372408	130139	How many times do you produce crops
39	D25A	Crops	continuous	numeric-3.0	4287	498260	Crops
40	D26	What was the field used for?	continuous	numeric-1.0	497757	4790	What was the field used for?
41	APERCENT	Percent of Field in Use	continuous	numeric-3.0	502365	182	Percent of Field in Use
42	CERROR	Closure Error	continuous	numeric-7.2	489840	12707	Closure Error
43	ENUMAREA	Enumerator Area (sq. m.)	continuous	numeric-8.2	489904	12643	Enumerator Area (sq. m.)
44	COMPAREA	Computer Area (sq. m.)	continuous	numeric-8.2	475560	26987	Computer Area (sq. m.)
45	AREAH	Area in Hectar	continuous	numeric-8.6	502534	13	Area in Hectar
46	AREA	Area (sq. m.)	continuous	numeric-8.2	502534	13	Area (sq. m.)
47	WGTF	Sampling Weight	continuous	numeric-7.2	502547	0	Sampling Weight
48	RATEF	Ratio	continuous	numeric-9.7	0	502547	Ratio
49	LANDUSE	Land Use Type	continuous	numeric-1.0	502547	0	Land Use Type

File Field Information - 2000

#	Name	Label	Type	Format	Valid	Invalid	Question
50	PRODQ	Production in Quintal	continuous	numeric-10.4	320529	182018	Production in Quintal
51	PROD	Production	continuous	numeric-10.3	320529	182018	Production

File Miscellaneous - 2000

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	continuous	numeric-2.0	44669	0	Region
2	ZONE	Zone	continuous	numeric-2.0	44669	0	Zone
3	DIST	District	continuous	numeric-2.0	44669	0	District
4	FA	Farmers Association	continuous	numeric-3.0	44669	0	Farmers Association
5	EA	Enumeration Area	continuous	numeric-2.0	44669	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	44667	2	Household Id
7	HHSEX	Head sex	continuous	numeric-1.0	44669	0	Head sex
8	HID	Holder id	continuous	numeric-1.0	44669	0	Holder id
9	AWGT	Sampling Weight	continuous	numeric-7.2	44669	0	Sampling Weight
10	F1	Crop Rotation Used?	continuous	numeric-1.0	44669	0	Crop Rotation Used?
11	F2	Reason for not using chemicals	continuous	numeric-1.0	44669	0	Reason for not using chemicals
12	F3	Reason for not using extention	continuous	numeric-1.0	44669	0	Reason for not using extention
13	F4	Credit used?	continuous	numeric-1.0	44669	0	Credit used?
14	F5	Reason for not using credit facility	continuous	numeric-1.0	34030	10639	Reason for not using credit facility
15	F6	Consultation used?	continuous	numeric-1.0	44669	0	Consultation used?
16	F7	Reason for not using consultation	continuous	numeric-1.0	25226	19443	Reason for not using consultation
17	F8	Where do you buy chemical fertilizer	continuous	numeric-1.0	44669	0	Where do you buy chemical fertilizer
18	F9	How many plowing oxen do you have?	continuous	numeric-2.0	44669	0	How many plowing oxen do you have?
19	F10	What do you use to plow if you don't have enough oxen?	continuous	numeric-1.0	31982	12687	What do you use to plow if you don't have enough oxen?
20	F11	Total number of fields do you have	continuous	numeric-2.0	44224	445	Total number of fields do you have
21	F12	Total crop land fields	continuous	numeric-2.0	41581	3088	Total crop land fields
22	F13	Do you cultivate additional fields?	continuous	numeric-1.0	44669	0	Do you cultivate additional fields?
23	F14	What was the new fields before?	continuous	numeric-1.0	6116	38553	What was the new fields before?

Variables Description

Dataset contains89 variable(s)

File Holder Information - 2000

#1 **REG: Region**

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-]
Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	3303	7.4%
2	Afar	784	1.8%
3	Amhara	8346	18.7%
4	Oromia	13927	31.1%
5	Somalia	1355	3.0%
6	Benshangul_Gumz	2171	4.9%
7	S.N.N.P.R	12375	27.7%
12	Gambella	1496	3.3%
13	Harara	482	1.1%
14	Addis_Ababa	0	0.0%
15	Dire_Dawa	481	1.1%

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.

#2 **ZONE: Zone**

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=7.272 /-] [StdDev=5.426 /-]
Literal question	Zone

#3 **DIST: District**

Information	[Type= continuous] [Format=numeric] [Range= 1-24] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=5.656 /-] [StdDev=4.574 /-]
Literal question	District

#4 **FA: Farmers Association**

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=14.814 /-] [StdDev=20.257 /-]
Literal question	Farmers Association

#5 **EA: Enumeration Area**

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=3.04 /-] [StdDev=2.062 /-]
Literal question	Enumeration Area

#6 **HH: Household Id**

Information	[Type= continuous] [Format=numeric] [Range= 0-931] [Missing=*]
Statistics [NW/ W]	[Valid=44718 /-] [Invalid=2 /-] [Mean=83.821 /-] [StdDev=54.12 /-]
Literal question	Household Id

File Holder Information - 2000

#7 HHSEX: Head sex

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-]
Literal question	Head sex

Value	Label	Cases	Percentage	
1	Male	36310		81.2%
2	Female	8410	18.8%	

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.

#8 HID: Holder id

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=1.061 /-] [StdDev=0.3 /-]
Literal question	Holder id

#9 HWEIGHT: Holder Weight

Information	[Type= continuous] [Format=numeric] [Range= 4.11-1689.26] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=311.793 /-] [StdDev=199.787 /-]
Literal question	Holder weight

#10 AGE: Age

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=44719 /-] [Invalid=1 /-] [Mean=42.106 /-] [StdDev=15.899 /-]
Literal question	Holder's age

#11 SEX: Sex

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-]
Literal question	Holder's sex

Value	Label	Cases	Percentage	
1	Male	36359		81.3%
2	Female	8361	18.7%	

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.

#12 EDUC: Education (Highest Grade)

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*/99]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=2.661 /-] [StdDev=2.895 /-]
Literal question	Educational status or highest grade completed

#13 V12: Household Size

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=44719 /-] [Invalid=1 /-] [Mean=5.338 /-] [StdDev=2.604 /-]
Literal question	Household size

#14 HTYPE: Type of Holding

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-]
Literal question	Type of holding

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#14 HTYPE: Type of Holding

Value	Label	Cases	Percentage	
1	Crop Only	4127		9.2%
2	Livestock Only	3108		7.0%
3	Both	37483		83.8%

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.

#15 HRATIO: Holder Ratio

Information	[Type= continuous] [Format=numeric] [Range= 0.0106959-0.9575381] [Missing=*]
Statistics [NW/ W]	[Valid=44720 /-] [Invalid=0 /-] [Mean=0.0799 /-] [StdDev=0.128 /-]
Literal question	Holder ratio

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#1 REG: Region

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-]
Literal question	Region

Value	Label	Cases	Percentage	
1	Tigray	34172		6.8%
2	Afar	2412		0.5%
3	Amhara	91500		18.2%
4	Oromia	153129		30.5%
5	Somalia	4969		1.0%
6	Benshangul_Gumz	19428		3.9%
7	S.N.N.P.R	177824		35.4%
12	Gambella	9600		1.9%
13	Harara	5650		1.1%
14	Addis_Ababa	0		0.0%
15	Dire_Dawa	3863		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 ZONE: Zone

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=7.487 /-] [StdDev=5.6 /-]
Literal question	Zone

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-24] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=5.759 /-] [StdDev=4.61 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=14.886 /-] [StdDev=18.504 /-]
Literal question	Farmers Association

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#5 EA: Enumeration Area

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=3.061 /-] [StdDev=2.014 /-]
Literal question	Enumeration Area

#6 HH: Household Id

Information	[Type= continuous] [Format=numeric] [Range= 0-931] [Missing=*]
Statistics [NW/ W]	[Valid=502506 /-] [Invalid=41 /-] [Mean=84.615 /-] [StdDev=53.892 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=1.149 /-] [StdDev=0.356 /-]
Literal question	Head sex

#8 HID: Holder id

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=1.013 /-] [StdDev=0.144 /-]
Literal question	Holder id

#9 PARCEL: Parcel

Information	[Type= continuous] [Format=numeric] [Range= 1-89] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=2.064 /-] [StdDev=1.983 /-]
Literal question	Parcel

#10 FLD: Field

Information	[Type= continuous] [Format=numeric] [Range= 1-92] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=4.273 /-] [StdDev=4.506 /-]
Literal question	Field

#11 FWEIGHT: FWEIGHT

Information	[Type= continuous] [Format=numeric] [Range= 4.11-1689.26] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=322.817 /-] [StdDev=196.499 /-]

#12 PART: Field Part

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=1.172 /-] [StdDev=0.458 /-]
Literal question	Field Part

#13 FLDTYPE: Field Type

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-]
Literal question	Field Type

Value	Label	Cases	Percentage	
1	Single	256994		51.1%
2	Mixed	122387		24.4%
3	Other	123166		24.5%

File Field Information - 2000

#13 FLDTYPE: Field Type

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 or Land Use

Information	[Type= continuous] [Format=numeric] [Range= 1-123] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=49.246 /-] [StdDev=36.893 /-]
Literal question	Crop or Land Use

#15 OWNTYPE: Owner type

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=502545 /-] [Invalid=2 /-]
Literal question	Ownership Own = 1 Rented in =2 Other =3

Value	Label	Cases	Percentage
1	Private	467436	93.0%
2	Rent/leased	26472	5.3%
3	Other	8637	1.7%

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.

#16 EXT: Extension

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-]
Literal question	Is field under Extension Program? Yes =1 No = 2

Value	Label	Cases	Percentage
1	Yes	19311	3.8%
2	No	483236	96.2%

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.

#17 IRRG: Irrigation Used

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=379057 /-] [Invalid=123490 /-]

Value	Label	Cases	Percentage
1	Yes	13306	3.5%
2	No	365751	96.5%

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: SIRRG

Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=13306 /-] [Invalid=489241 /-] [Mean=1.636 /-] [StdDev=1.236 /-]
Literal question	If Field Irrigated source of water River =1 Lake =2 Pond =3 Harvested water =4 other =5

#19 SERRO: SERRO

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=402963 /-] [Invalid=99584 /-] [Mean=1.433 /-] [StdDev=0.495 /-]
Literal question	Is Field Prevented form Erosion

#20 MERRO: MERRO

Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=228675 /-] [Invalid=273872 /-] [Mean=3.014 /-] [StdDev=1.513 /-]

File Field Information - 2000

#20 MERRO: MERRO

Literal question	common way of prevention

#21 TREES: Number of Trees

Information	[Type= continuous] [Format=numeric] [Range= 0-99999] [Missing=*/99999]
Statistics [NW/ W]	[Valid=63692 /-] [Invalid=438855 /-] [Mean=108.898 /-] [StdDev=460.375 /-]
Literal question	Number of Trees

#22 TREESBA: Number of Trees of Bearing Age

Information	[Type= continuous] [Format=numeric] [Range= 0-99999] [Missing=*/99999]
Statistics [NW/ W]	[Valid=63695 /-] [Invalid=438852 /-] [Mean=36.489 /-] [StdDev=168.228 /-]
Literal question	Number of Trees of Bearing Age

#23 SEEDTYPE: Seed Type

Information	[Type= continuous] [Format=numeric] [Range= 0-2] [Missing=*]
Statistics [NW/ W]	[Valid=377372 /-] [Invalid=125175 /-]
Literal question	Seed Type

Value	Label	Cases	Percentage
1	Improved	5939	1.6%
2	Non_improved	371432	98.4%

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: Weight of Improved Seed

Information	[Type= continuous] [Format=numeric] [Range= 0-9999.999] [Missing=*/9999.999]
Statistics [NW/ W]	[Valid=4793 /-] [Invalid=497754 /-] [Mean=186.645 /-] [StdDev=1214.467 /-]
Literal question	Weight of Improved Seed

#25 COSTIMPS: Improved Seed Cost

Information	[Type= continuous] [Format=numeric] [Range= 0-999999.99] [Missing=*/99999.99]
Statistics [NW/ W]	[Valid=6010 /-] [Invalid=496537 /-] [Mean=241483.634 /-] [StdDev=427956.867 /-]
Literal question	Improved Seed Cost

#26 WTNISEED: Weight of Non-improved Seed

Information	[Type= continuous] [Format=numeric] [Range= 0-9999.999] [Missing=*/9999.999]
Statistics [NW/ W]	[Valid=193978 /-] [Invalid=308569 /-] [Mean=13.054 /-] [StdDev=37.616 /-]
Literal question	Weight of Non-improved Seed

#27 DAMAGE: Any Damage?

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=377692 /-] [Invalid=124855 /-]
Literal question	Any Damage?

Value	Label	Cases	Percentage
1	Yes	105142	27.8%
2	No	272550	72.2%

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.

#28 DREASON: Damage Reason

Information	[Type= continuous] [Format=numeric] [Range= 0-32] [Missing=*]

File Field Information - 2000

#28 DREASON: Damage Reason

Statistics [NW/ W]	[Valid=105145 /-] [Invalid=397402 /-]
Literal question	Damage Reason

Value	Label	Cases	Percentage	
1	Too much rain	18949		18.0%
2	Too little rain	2298		2.2%
3	Insects	3792		3.6%
4	Crop disease	110		0.1%
5	Weeds	13812		13.1%
6	Hail	12632		12.0%
7	Frost	16309		15.5%
8	Floods	5598		5.3%
9	Wild animals	829		0.8%
10	Locust	5135		4.9%
11	Birds	7293		6.9%
12	Shortage of seed	433		0.4%
13	Depletion of soi	10083		9.6%
14	Security problem	24		0.0%
15	Other	7845		7.5%

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: Damage Percent

Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*/999]
Statistics [NW/ W]	[Valid=105146 /-] [Invalid=397401 /-] [Mean=42.236 /-] [StdDev=22.472 /-]
Literal question	Damage Percent

#30 DMEASURE: Any Measure to Prevent Damage

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=377381 /-] [Invalid=125166 /-]
Literal question	Any Measure to Prevent Damage

Value	Label	Cases	Percentage	
1	Yes	364856		96.7%
2	No	12525		3.3%

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 Damage Prevention

Information	[Type= continuous] [Format=numeric] [Range= 0-5] [Missing=*]
Statistics [NW/ W]	[Valid=364859 /-] [Invalid=137688 /-]
Literal question	Type of Damage Prevention

Value	Label	Cases	Percentage	
1	Chemical	20765		5.7%
2	Non_chemical	343816		94.2%
3	Both	270		0.1%

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.

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#32 DMCHEM: Chemical Used

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=21764 /-] [Invalid=480783 /-]
Literal question	Chemical Used

Value	Label	Cases	Percentage
1	Insecticide	1895	8.7%
2	Herbicide	18163	83.5%
3	Fungicide	463	2.1%
4	Insectcide & Her	346	1.6%
5	Insectcide & Fun	67	0.3%
6	Herbicide & Fung	46	0.2%
7	All	0	0.0%
9	Not stated	784	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.

#33 FERT: Fertilizer Used

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=501526 /-] [Invalid=1021 /-]
Literal question	Fertilizer Used

Value	Label	Cases	Percentage
1	Yes	174897	34.9%
2	No	326629	65.1%

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.

#34 FERTTYPE: Fertilizer Type

Information	[Type= continuous] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=176335 /-] [Invalid=326212 /-]
Literal question	Fertilizer Type

Value	Label	Cases	Percentage
1	Natural	122906	69.7%
2	Chemical	47130	26.7%
3	Both	6297	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.

#35 D22A: Type of Chemical fertiluzer Used?

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=54989 /-] [Invalid=447558 /-]
Literal question	Type of Chemical fertiluzer Used?

Value	Label	Cases	Percentage
1	Urea	6344	11.5%
2	DAP	23943	43.5%
3	Both	22799	41.5%
9	Not stated	1903	3.5%

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.

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#36 D22B: If Chemical Fertilizer,Quantity in KG

Information	[Type= continuous] [Format=numeric] [Range= 0-9999.999] [Missing=*/9999.99]
Statistics [NW/ W]	[Valid=53720 /-] [Invalid=448827 /-] [Mean=355.054 /-] [StdDev=1786.471 /-]
Literal question	If Chemical Fertilizer,Quantity in KG

#37 D23: Type of Natural fertilizer

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=131394 /-] [Invalid=371153 /-]
Literal question	Type of Natural fertilizer

Value	Label	Cases	Percentage	
1	Manure	96252		73.4%
2	Humese/besebash	7234	5.5%	
3	Both	130	0.1%	
4	Others	16041	12.2%	
9	Not stated	11507	8.8%	

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.

#38 D24: How many times do you produce crops

Information	[Type= continuous] [Format=numeric] [Range= 0-4] [Missing=*]
Statistics [NW/ W]	[Valid=372408 /-] [Invalid=130139 /-] [Mean=1.011 /-] [StdDev=0.105 /-]
Literal question	How many times do you produce crops

#39 D25A: Crops

Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=4287 /-] [Invalid=498260 /-] [Mean=117.552 /-] [StdDev=300.552 /-]
Literal question	Crops

#40 D26: What was the field used for?

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=497757 /-] [Invalid=4790 /-] [Mean=3.749 /-] [StdDev=3.032 /-]
Literal question	What was the field used for?

#41 APERCENT: Percent of Field in Use

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*]
Statistics [NW/ W]	[Valid=502365 /-] [Invalid=182 /-] [Mean=86.264 /-] [StdDev=27.365 /-]
Literal question	Percent of Field in Use

#42 CERROR: Closure Error

Information	[Type= continuous] [Format=numeric] [Range= 0-78.93] [Missing=*]
Statistics [NW/ W]	[Valid=489840 /-] [Invalid=12707 /-] [Mean=1.522 /-] [StdDev=1.135 /-]
Literal question	Closure Error

#43 ENUMAREA: Enumerator Area (sq. m.)

Information	[Type= continuous] [Format=numeric] [Range= 0-96920.96] [Missing=*]
Statistics [NW/ W]	[Valid=489904 /-] [Invalid=12643 /-] [Mean=946.089 /-] [StdDev=1966.055 /-]
Literal question	Enumerator Area (sq. m.)

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#44 COMPAREA: Computer Area (sq. m.)

Information	[Type= continuous] [Format=numeric] [Range= 0-96968.45] [Missing=*]
Statistics [NW/ W]	[Valid=475560 /-] [Invalid=26987 /-] [Mean=933.428 /-] [StdDev=1895.844 /-]
Literal question	Computer Area (sq. m.)

#45 AREAH: Area in Hectar

Information	[Type= continuous] [Format=numeric] [Range= 0-9.692096] [Missing=*]
Statistics [NW/ W]	[Valid=502534 /-] [Invalid=13 /-] [Mean=0.0957 /-] [StdDev=0.191 /-]
Literal question	Area in Hectar

#46 AREA: Area (sq. m.)

Information	[Type= continuous] [Format=numeric] [Range= 0-96920.96] [Missing=*]
Statistics [NW/ W]	[Valid=502534 /-] [Invalid=13 /-] [Mean=956.959 /-] [StdDev=1910.73 /-]
Literal question	Area (sq. m.)

#47 WGTF: Sampling Weight

Information	[Type= continuous] [Format=numeric] [Range= 4.11-1689.26] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=322.817 /-] [StdDev=196.499 /-]
Literal question	Sampling Weight

#48 RATEF: Ratio

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=502547 /-]
Literal question	Ratio

#49 LANDUSE: Land Use Type

Information	[Type= continuous] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=502547 /-] [Invalid=0 /-] [Mean=2.165 /-] [StdDev=1.706 /-]
Literal question	Land Use Type

#50 PRODQ: Production in Quintal

Information	[Type= continuous] [Format=numeric] [Range= 0-37212.9598] [Missing=*]
Statistics [NW/ W]	[Valid=320529 /-] [Invalid=182018 /-] [Mean=49.576 /-] [StdDev=207.37 /-]
Literal question	Production in Quintal

#51 PROD: Production

Information	[Type= continuous] [Format=numeric] [Range= 0-372129.598] [Missing=*]
Statistics [NW/ W]	[Valid=320529 /-] [Invalid=182018 /-] [Mean=495.761 /-] [StdDev=2073.701 /-]
Literal question	Production

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#1 REG: Region

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-]
Literal question	Region

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#1 REG: Region

Value	Label	Cases	Percentage
1	Tigray	3303	7.4%
2	Afar	784	1.8%
3	Amhara	8337	18.7%
4	Oromia	13905	31.1%
5	Somalia	1351	3.0%
6	Benshangul_Gumz	2169	4.9%
7	S.N.N.P.R	12364	27.7%
12	Gambella	1496	3.3%
13	Harara	482	1.1%
14	Addis_Ababa	0	0.0%
15	Dire_Dawa	478	1.1%

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.

#2 ZONE: Zone

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=7.272 /-] [StdDev=5.426 /-]
Literal question	Zone

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-24] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=5.657 /-] [StdDev=4.576 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=14.813 /-] [StdDev=20.265 /-]
Literal question	Farmers Association

#5 EA: Enumeration Area

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=3.04 /-] [StdDev=2.063 /-]
Literal question	Enumeration Area

#6 HH: Household Id

Information	[Type= continuous] [Format=numeric] [Range= 0-931] [Missing=*]
Statistics [NW/ W]	[Valid=44667 /-] [Invalid=2 /-] [Mean=83.827 /-] [StdDev=54.129 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=1.188 /-] [StdDev=0.391 /-]
Literal question	Head sex

#8 HID: Holder id

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]

File Miscellaneous - 2000

#8 HID: Holder id

Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=1.06 /-] [StdDev=0.299 /-]
Literal question	Holder id

#9 AWGT: Sampling Weight

Information	[Type= continuous] [Format=numeric] [Range= 4.11-1689.26] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=311.793 /-] [StdDev=199.81 /-]
Literal question	Sampling Weight

#10 F1: Crop Rotation Used?

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-]
Literal question	Crop Rotation Used?

Value	Label	Cases	Percentage
1	Yes	34669	77.6%
2	No	10000	22.4%

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.

#11 F2: Reason for not using chemicals

Information	[Type= continuous] [Format=numeric] [Range= 1-7] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=5.091 /-] [StdDev=2.141 /-]
Literal question	Reason for not using chemicals

#12 F3: Reason for not using extention

Information	[Type= continuous] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=3.744 /-] [StdDev=1.752 /-]
Literal question	Reason for not using extention

#13 F4: Credit used?

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-]
Literal question	Credit used?

Value	Label	Cases	Percentage
1	Yes	10641	23.8%
2	No	34028	76.2%

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 F5: Reason for not using credit facility

Information	[Type= continuous] [Format=numeric] [Range= 0-7] [Missing=*]
Statistics [NW/ W]	[Valid=34030 /-] [Invalid=10639 /-] [Mean=2.408 /-] [StdDev=1.382 /-]
Literal question	Reason for not using credit facility

#15 F6: Consultation used?

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-]
Literal question	Consultation used?

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#15 F6: Consultation used?

Value	Label	Cases	Percentage	
1	Yes	19443		43.5%
2	No	25226		56.5%

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 F7: Reason for not using consultation

Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=25226 /-] [Invalid=19443 /-] [Mean=1.967 /-] [StdDev=1.031 /-]
Literal question	Reason for not using consultation

#17 F8: Where do you buy chemical fertilizer

Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=3.894 /-] [StdDev=1.607 /-]
Literal question	Where do you buy chemical fertilizer

#18 F9: How many plowing oxen do you have?

Information	[Type= continuous] [Format=numeric] [Range= 0-20] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-] [Mean=0.887 /-] [StdDev=1.108 /-]
Literal question	How many plowing oxen do you have?

#19 F10: What do you use to plow if you don't have enough oxen?

Information	[Type= continuous] [Format=numeric] [Range= 0-7] [Missing=*]
Statistics [NW/ W]	[Valid=31982 /-] [Invalid=12687 /-] [Mean=3.867 /-] [StdDev=1.999 /-]
Literal question	What do you use to plow if you don't have enough oxen?

#20 F11: Total number of fields do you have

Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=44224 /-] [Invalid=445 /-] [Mean=9.8 /-] [StdDev=6.597 /-]
Literal question	Total number of fields do you have

#21 F12: Total crop land fields

Information	[Type= continuous] [Format=numeric] [Range= 1-91] [Missing=*]
Statistics [NW/ W]	[Valid=41581 /-] [Invalid=3088 /-] [Mean=7.425 /-] [StdDev=5.194 /-]
Literal question	Total crop land fields

#22 F13: Do you cultivate additional fields?

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=44669 /-] [Invalid=0 /-]
Literal question	Do you cultivate additional fields?

Value	Label	Cases	Percentage	
1	Yes	5998	13.4%	
2	No	38665		86.6%

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.

#23 F14: What was the new fields before?

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=6116 /-] [Invalid=38553 /-] [Mean=2.287 /-] [StdDev=0.935 /-]

File Miscellaneous - 2000

#23 F14: What was the new fields before?

Literal question	What was the new fields before?

Documentation

Reports and analytical documents

Study Documentation, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Reports\AgSS 2007 Metadata.pdf"

Agricultural Sample Survey 2007-2008 (2000 E.C) Volume I, Area and Production of Crops, *Private Peasant Holdings, "Meher" Season*, Central Statistical Agency, June 2008, Ethiopia [eth], English [eng], "Doc\Reports\area_production_report_final.pdf"

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Agricultural Sample Survey 2007-2008 (2000 E.C) Volume III, Farm Management Practices, *Private Peasant Holdings, "Meher" Season*, Central Statistical Agency, August 2008, Ethiopia [eth], English [eng], "Doc\Reports\practice2008.pdf"

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Agricultural Sample Survey 2007-2008 (2000 E.C) Volume IV, Land Utilisation, *Private Peasant Holdings, "Meher" Season*, Central Statistical Agency, July 2008, Ethiopia [eth], English [eng], "Doc\Reports \landUse2000.pdf"

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Questionnaires

Agricultural Sample Survey 2007-2008 (2000 E.C) - Questionnaire, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Questionnaires\Questionnaire_2000.pdf"

Technical documents

Form for Requesting Access to Raw Data, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Technical\CSA_data_request_form.pdf"