Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

Agricultural Sample Survey Forecast 2010-2011 (2003 E.C)

Study Documentation

March 3, 2011

Metadata Production

Metadata Producer(s)	Central Statistical Agency (CSA) , Ministry of Finance and Economic Development , Production and documentation of the study
Production Date	February 7, 2011
Version	Version 1.0 This version of the metadata are based on final edited datasets and survey report.
Identification	DDI-ETH-CSA-AgSSF-2010-v1.1

Table of Contents

Ethiopia (2010)
Agricultural Sample Survey Forecast 2010-2011 (2003 E.C) (AgSSF)

Overview

Type	Agricultural Survey [ag/oth]
Identification	ETH-CSA-AgSSF-2010-v1.1
Version	Production Date: 2011-02-07 Version 1.0: Edited and non anonymized dataset, for internal use only.

Abstract

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 AgSS is composed of four components: Crop Production Forecast Survey, Meher Season Post Harvest Survey (Area and production, land use, farm management and crop utilization), Livestock Survey and Belg Season Survey.

The specific objectives of Meher Season Post Harvest Survey are to estimate the total crop area, volume of crop production and yield of crops for Meher Season agriculture in Ethiopia. The report is based on private peasant holdings in rural sedentary areas of the country and part of companion reports on the performance of agriculture in the country. The report is compiled at national and regional level only.

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 2010-2011 (2003 E.C) annual Agricultural Sample Survey ("Meher" season) covered the entire rural parts of the country except the one zone of Gambella Region due to flood, and the non-sedentary population of three zones of Afar & 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 households obtained from the 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 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:

IIn 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.

Each zones/special wereda of the four regions (Tigray, Amhara, Oromia and SNNP) were further stratified into three agro-ecology (Kolla , Dega and Weyina Dega). Except Harari and Dire Dawa, where each region as a whole is considered 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. For detail of the number of strata in each region see summery table 1 below.

Summary Table 1 Total and covered Zones/Strata by Region

Region	Number of Zones/ Strata	
	Total	Covered
Tigray	5	5
Afar	5	2
Amhara	11	11
Oromiya	17	17
Somalie	9	3
Benishangul Gumuz	4	4
S.N.N.P.R	21	21
Gambela	4	2
Harari	1	1
Dire Dawa	1	1
Total	78	67

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 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. Distribution of sampling units (sampled and covered EAs and households) by stratum is also presented in Appendix-III.

Response Rate

A total of 1,660 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 25 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 1,635 EAs (98.5 %) 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 33,200 agricultural households, however, 32,630 (98.3 %) were actually covered by the survey.

Data Collection

Data Collection Dates	start 2010 end 2010
Time Period(s)	start 2010 end 2010
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 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 1,817 enumerators, 558 field supervisors, 44 coordinators and 65 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 164 fourwheel 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 7 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 12 days in all the twenty- five Branch Statistical Offices distributed across the country. In the training the field staffs 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 GPS reading and interviewing methods.

METHOD OF DATA COLLECTION:

The agricultural data for the year 2009/10 (2002 E.C) was collected from sedentary rural peasant households by interviewing the selected agricultural holders and physically measuring their crop and other fields. The data obtained were recorded in various forms designed for this purpose.

The data obtained were recorded in various forms designed for this purpose. Instruments like measuring tape; compass, kitchen balance, scientific calculators, GPS (Oromiya region only) 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 2010-2011 annual Agricultural Sample Survey used structured questionnaires to collect agricultural information from selected sample households.

List of forms in the questionnaires:

- AgSS Form 2003/0: It contains forms that used to list all households in the sample areas.
- AgSS Form 2003/1: It contains forms that used to list selected agricultural households and holders in the sample areas.
- AgSS Form 2003/2A: It contains forms that used to collect information about crops, results of area measurements covered by crops and other land uses.
- AgSS Form 2003/2B: It contains forms that used to collect information about miscellaneous questions for the holders.
- AgSS Form 2003/4: It contains forms that used to collect information about list of temporary crop fields for selecting crop cutting plots.
- AgSS Form 2003/5: It contains forms that used to collect information about list of temporary crop cutting results.

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

Data Processing & Appraisal

Data Editing

Data Editing, Coding and Verification

To facilitate the data processing activities, editing and coding instruction manuals were prepared and printed prior to the training of the staff to be involved. Before the retrieval of the filled-in questionnaires from the respective Branch Statistical Offices, the CSA regular editing/coding staff members were given a half day of intensive training on proper questionnaire review techniques. Instructions on how to correctly undertake coding the questionnaire and correcting inconsistencies were thoroughly explained to the editors. A total of 20 editors/coders were involved in this operation.

During the editing and coding processes, two professional staff members from Natural Resources and Agricultural Statistics Department were assigned to guide and supervise the editors/coders in correction of the difficult problems in the filled-in questionnaires. These technical experts were also involved in answering questions, clearing doubts…etc. and facilitate the editing and coding activities. Each editor/coder was assigned to work on a single EA at a time to ensure that all questionnaires were accounted for and completed. Then, the edited and coded questionnaires were also checked and verified by a total of one supervisor/verifier.
.

Data Entry, Cleaning and Processing:

The data entry operation deployed about 69 data encoders, 3 data encoder supervisors, 7 data cleaning operators and 69 personal computers. The data entered into the computers using the entry module of the IMPS (Integrated Microcomputer Processing System) software, which is a software package developed by the United States Bureau of the Census. Verification was also carried out to ensure the quality of the entry work. 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. On the other hand, data cleaning computer operators from Data Processing Department fully participated in the data cleaning activities using computer edit program. The final stage of the data processing was to summarize the cleaned data and produce statistical tables that present the results of the survey using the tabulation component of the PC based CSPRO software.

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 the report which is provided in the metadata. Distribution of sampling units (sampled and covered EAs and households) by stratum is also presented in Appendix-III.

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 (AgSS 2009-2010) "

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.

Copyright	(c) 2009, Central Statistical Agency of Ethiopia

Files Description

Dataset contains 3 file(s)

Field Information	
# Cases	251991
# Variable(s)	41

Area captured by GPS	
# Cases	4226
# Variable(s)	21

Holder Information	
# Cases	25368
# Variable(s)	15

Variables List

Dataset contains 77 variable(s)

File Field Information

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	discrete	numeric-2.0	251991	0	-
2	ZONE	Zone	discrete	numeric-2.0	251991	0	-
3	DIST	District	continuous	numeric-2.0	251991	0	-
4	FA	Farmers Association	continuous	numeric-3.0	251991	0	-
5	EA	Enumeration Area	discrete	numeric-2.0	251991	0	-
6	HH	Household Id	continuous	numeric-3.0	251991	0	-
7	HHSEX	Head sex	discrete	numeric-1.0	251991	0	-
8	HID	Holder id	discrete	numeric-1.0	251991	0	-
9	PARCEL	Parcel	continuous	numeric-2.0	251991	0	-
10	FLD	Field	continuous	numeric-2.0	251991	0	-
11	FWEIGHT	FWEIGHT	continuous	numeric-7.2	251991	0	-
12	FLDTYPE	Field Type	discrete	numeric-1.0	251991	0	-
13	CROP	CROP	continuous	numeric-3.0	251991	0	-
14	OWNTYPE	Ownership	discrete	numeric-1.0	251991	0	-
15	EXT	Extesntion	discrete	numeric-1.0	197123	54868	-
16	IRRG	Irrigation	discrete	numeric-1.0	188806	63185	-
17	SIRRG	Source of water for irrigation	discrete	numeric-1.0	5927	246064	-
18	SERRO	Soil erosion	discrete	numeric-1.0	241580	10411	-
19	MERRO	Measure taken for soil erosion	discrete	numeric-1.0	120111	131880	-
20	TREES	Permanent stand trees	discrete	numeric-7.0	56723	195268	-
21	TREESBA	Fruit bearing trees	discrete	numeric-7.0	56712	195279	-
22	SEEDTYPE	Seed type	discrete	numeric-1.0	188461	63530	-
23	WTIMSEED	Weight of improved seed(kg)	discrete	numeric-8.3	5207	246784	-
24	COSTIMPS	Cost of improved seed(birr)	discrete	numeric-9.2	5202	246789	-
25	WTNISEED	Weight of non-improved seed(kg)	discrete	numeric-8.3	175290	76701	-
26	DAMAGE	Is there any crop damage?	discrete	numeric-1.0	187320	64671	-
27	DREASON	Damage reason	discrete	numeric-2.0	45053	206938	-
28	DPERCENT	Damage percent	discrete	numeric-3.0	45067	206924	-
29	DMEASURE	Damage measure taken	discrete	numeric-1.0	187034	64957	-
30	DMTYPE	Damage measure type	discrete	numeric-1.0	181281	70710	-
31	DMCHEM	Chemical to prevent damage	discrete	numeric-1.0	3844	248147	-
32	FERT	Fertilizer used?	discrete	numeric-1.0	196347	55644	-

File Field Information

#	Name	Label	Type	Format	Valid	Invalid	Question
33	FERTTYPE	Ferilizer type	discrete	numeric-1.0	98675	153316	-
34	D22A	Chemical fertilizer type	discrete	numeric-1.0	34771	217220	-
35	D22B	Chemical fertilizer in KG	discrete	numeric-8.3	34757	217234	-
36	D23	Natural fertilizer type	discrete	numeric-1.0	70156	181835	-
37	D24	How many times the field cultivated in this season?	discrete	numeric-1.0	170263	81728	-
38	D25	Crops in crop rotation	continuous	numeric-3.0	1511	250480	-
39	D26	What was the field previously?	discrete	numeric-1.0	251869	122	-
40	AREAH	Area in hecatare	continuous	numeric-8.6	247559	4432	-
41	AVPROD	Production in Quintals	continuous	numeric-10.5	236311	15680	-

File Area captured by GPS

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	discrete	numeric-1.0	4226	0	Region
2	ZONE	Zone	discrete	numeric-2.0	4226	0	Zone
3	DIST	District	discrete	numeric-2.0	4226	0	District
4	FA	Farmers Association	continuous	numeric-2.0	4226	0	Farmers Association
5	EA	Enumeration Area	discrete	numeric-1.0	4226	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	4226	0	Household Id
7	HHSEX	Head sex	discrete	numeric-1.0	4226	0	Head sex
8	HID	Holder id	discrete	numeric-1.0	4226	0	Holder id
9	PARCEL	Parcel	discrete	numeric-2.0	4222	4	Parcel
10	FLD	Field	discrete	numeric-2.0	4222	4	Field
11	GWEIGHT	GWEIGHT	continuous	numeric-6.2	4226	0	GWEIGHT
12	GPS19	Crop/Other Land use Code	continuous	numeric-3.0	4222	4	Crop/Other Land use Code
13	GPS20	First Measured Area in SqM	continuous	numeric-13.5	4226	0	First Measured Area in SqM
14	GPS21	Second Measured Area in SqM	continuous	numeric-13.5	4226	0	Second Measured Area in SqM
15	GPS23	Land Topography Code	discrete	numeric-1.0	4133	93	Land Topography Code
16	GPS25	Fence in the field	discrete	numeric-1.0	4128	98	Fence in the field
17	GAREA	GAREA	continuous	numeric-8.2	4226	0	GAREA
18	AREAH1	AREAH	continuous	numeric-8.6	4226	0	AREAH
19	LANDUSE1	Landuse	discrete	numeric-1.0	4226	0	Landuse
20	PRODQ1	PRODUCTION IN QUINTALS	continuous	numeric-8.4	2184	2042	PRODUCTION IN QUINTALS
21	V21	Region	discrete	numeric-1.0	0	4226	Region

File Holder Information

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	discrete	numeric-2.0	25368	0	Region
2	ZONE	Zone	discrete	numeric-2.0	25368	0	Zone
3	DIST	District	continuous	numeric-2.0	25368	0	District
4	FA	Farmers Association	continuous	numeric-3.0	25368	0	Farmers Association
5	EA	Enumeration Area	discrete	numeric-2.0	25368	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	25368	0	Household Id
7	HHSEX	Head sex	discrete	numeric-1.0	25368	0	Head sex
8	HID	Holder id	discrete	numeric-1.0	25368	0	Holder id
9	HWEIGHT	Holder Weight	continuous	numeric-7.2	25368	0	Holder Weight
10	AGE	Age	continuous	numeric-2.0	25368	0	Age
11	SEX	Sex	discrete	numeric-1.0	25368	0	Sex
12	EDUC	Education (Highest Grade)	continuous	numeric-2.0	25365	3	Education (Highest Grade)
13	V12	Household Size	continuous	numeric-2.0	25368	0	Household Size
14	HTYPE	Type of Holding	discrete	numeric-1.0	25368	0	Type of Holding
15	HRATIO	Holder Ratio	continuous	numeric-9.7	25368	0	Holder Ratio

Variables Description

Dataset contains77 variable(s)

File Field Information

#1 REG: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Region

Value	Label	Cases	Percentage
1	Tigray	13631	5.4%
2	Afar	2459	1.0%
3	Amhara	46383	18.4%
4	Oromiya	78060	31.0%
5	Somalie	4709	1.9%
6	Benishangul Gumuz	8670	3.4%
7	S.N.N.P.R	82515	32.7%
12	Gambela	10649	4.2%
13	Harari	2465	1.0%
14	Addis Ababa	0	0.0%
15	Dire Dawa	2450	1.0%

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.

#2 ZONE: Zone

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Zone

Value	Label	Cases	Percentage
1		29288	11.6%
2		23850	9.5%
3		30685	12.2%
4		24439	9.7%
5		17002	6.7%
6		18407	7.3%
7		11523	4.6%
8		10628	4.2%
9		15227	6.0%
10		13342	5.3%
11		8734	3.5%
12		7089	2.8%
13		6668	2.6%
14		4275	1.7%
15		1779	0.7%
16		1631	0.6%
17		7113	2.8%
18		7187	2.9%
19		6642	2.6%

File Field Information

#2 ZONE: Zone

Value	Label	Cases	Percentage
20		3799	1.5%
21		2683	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.

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-24] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Farmers Association

#5 EA: Enumeration Area

Information	[Type= discrete] [Format=numeric] [Range= 1-17] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Enumeration Area

Value	Label	Cases	Percentage
1		69046	27.4%
2		58476	23.2%
3		44413	17.6%
4		30653	12.2%
5		19902	7.9%
6		12946	5.1%
7		7650	3.0%
8		3586	1.4%
9		2619	1.0%
10		915	0.4%
11		846	0.3%
12		566	0.2%
13		145	0.1%
16		39	0.0%
17		189	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.

#6 HH: Household Id

Information	[Type= continuous] [Format=numeric] [Range= 1-907] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-] [Mean=85.79 /-] [StdDev=56.751 /-]
Definition	Household Id

#7 HHSEX: Head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Head sex

File Field Information

#7 HHSEX: Head sex

Value	Label	Cases	Percentage
1		212963	84.5%
2		39007	15.5%
3		21	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.

#8 HID: Holder id

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Holder id

Value	Label	Cases	Percentage
1		249395	99.0%
2		2009	0.8%
3		332	0.1%
4		70	0.0%
5		22	0.0%
6		46	0.0%
7		52	0.0%
8		37	0.0%
9		28	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.

#9 PARCEL: Parcel

Information	[Type= continuous] [Format=numeric] [Range= 0-90] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-] [Mean=2.042 /-] [StdDev=1.974 /-]
Definition	Parcel

#10 FLD: Field

Information	[Type= continuous] [Format=numeric] [Range= 1-91] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-] [Mean=3.851 /-] [StdDev=3.919 /-]
Definition	Field

#11 FWEIGHT: FWEIGHT

Information	[Type= continuous] [Format=numeric] [Range= 2.44-3428.12] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-] [Mean=660.185 /-] [StdDev=442.551 /-]
Definition	FWEIGHT

#12 FLDTYPE: Field Type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Field Type

Value	Label	Cases	Percentage
1	Pure cropland	125773	49.9%
2	Mixed cropland	62705	24.9%
3	Other landuse	63513	25.2%

File Field Information

#12 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.

#13 CROP: CROP

Information	[Type= continuous] [Format=numeric] [Range= 1-127] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-] [Mean=49.257 /-] [StdDev=38.848 /-]
Definition	CROP

#14 OWNTYPE: Ownership

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=251991 /-] [Invalid=0 /-]
Definition	Ownership

Value	Label	Cases	Percentage
0		123	0.0%
1	Private	232647	92.3%
2	Rent/leased	10631	4.2%
3	Other	8590	3.4%

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.

#15 EXT: Extesntion

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=197123 /-] [Invalid=54868 /-]
Definition	Extesntion

Value	Label	Cases	Percentage
1	Yes	17331	8.8%
2	No	179791	91.2%
9		1	0.0%
Sysmiss		54868	

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 IRRG: Irrigation

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=188806 /-] [Invalid=63185 /-]
Definition	Irrigation

Value	Label	Cases	Percentage
1	Yes	5849	3.1%
2	No	182956	96.9%
9		1	0.0%
Sysmiss		63185	

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 SIRRG: Source of water for irrigation

Information	[Type= discrete] [Format=numeric] [Range= 0-5] [Missing=*]
Statistics [NW/ W]	[Valid=5927 /-] [Invalid=246064 /-]
Definition	Source of water for irrigation

File Field Information

#17 SIRRG: Source of water for irrigation

Value	Label	Cases	Percentage
0		2	0.0%
1		4284	72.3%
2		240	4.0%
3		370	6.2%
4		327	5.5%
5		704	11.9%
Sysmiss		246064	

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 SERRO: Soil erosion

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=241580 /-] [Invalid=10411 /-]
Definition	Soil erosion

Value	Label	Cases	Percentage
1		119906	49.6%
2		121671	50.4%
9		3	0.0%
Sysmiss		10411	

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 MERRO: Measure taken for soil erosion

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=120111 /-] [Invalid=131880 /-]
Definition	Measure taken for soil erosion

Value	Label	Cases	Percentage
1		38738	32.3%
2		16267	13.5%
3		2258	1.9%
4		39564	32.9%
5		23283	19.4%
9		1	0.0%
Sysmiss		131880	

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 TREES: Permanent stand trees

Information	[Type= discrete] [Format=numeric] [Range= 0-9999999] [Missing=*]
Statistics [NW/ W]	[Valid=56723 /-] [Invalid=195268 /-]
Definition	Permanent stand trees

Value	Label	Cases	Percentage
0			
99999	Not Stated		

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.

File Field Information

#21 TREESBA: Fruit bearing trees

Information	[Type= discrete] [Format=numeric] [Range= 0-9999999] [Missing=*]
Statistics [NW/ W]	[Valid=56712 /-] [Invalid=195279 /-]
Definition	Fruit bearing trees

Frequency table not shown (968 Modalities)

#22 SEEDTYPE: Seed type

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=188461 /-] [Invalid=63530 /-]
Definition	Seed type

Value	Label	Cases	Percentage
1	Improved	5203	2.8%
2	Non_improved	183258	97.2%
Sysmiss		63530	

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 WTIMSEED: Weight of improved seed(kg)

Information	[Type= discrete] [Format=numeric] [Range= 0-9999.999] [Missing=*]
Statistics [NW/ W]	[Valid=5207 /-] [Invalid=246784 /-]
Definition	Weight of improved seed(kg)

Frequency table not shown (592 Modalities)

#24 COSTIMPS: Cost of improved seed(birr)

Information	[Type= discrete] [Format=numeric] [Range= 0-999999.99] [Missing=*]
Statistics [NW/ W]	[Valid=5202 /-] [Invalid=246789 /-]
Definition	Cost of improved seed(birr)

Value	Label	Cases	Percentage
99999.99	Not stated		

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.

#25 WTNISEED: Weight of non-improved seed(kg)

Information	[Type= discrete] [Format=numeric] [Range= -100-9999.999] [Missing=*]
Statistics [NW/ W]	[Valid=175290 /-] [Invalid=76701 /-]
Definition	Weight of non-improved seed(kg)

Value	Label	Cases	Percentage
9999.999	Not stated		

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.

#26 DAMAGE: Is there any crop damage?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=187320 /-] [Invalid=64671 /-]
Definition	Is there any crop damage?

Value	Label	Cases	Percentage
1	Yes	45055	24.1%
2	No	142265	75.9%

File Field Information

#26 DAMAGE: Is there any crop damage?

Value	Label	Cases	Percentage
Sysmiss		64671	

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.

#27 DREASON: Damage reason

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=45053 /-] [Invalid=206938 /-]
Definition	Damage reason

Value	Label	Cases	Percentage
1	Too much rain	8299	18.4%
2	Too little rain	720	1.6%
3	Insects	2247	5.0%
4	Crop disease	76	0.2%
5	Weeds	5602	12.4%
6	Hail	5996	13.3%
7	Frost	6714	14.9%
8	Floods	2183	4.8%
9	Wild animals	323	0.7%
10	Locust	2532	5.6%
11	Birds	2969	6.6%
12	Shortage of seed	178	0.4%
13	Depletion of soi	3446	7.6%
14	Security problem	5	0.0%
15	Other	3763	8.4%
Sysmiss		206938	

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 DPERCENT: Damage percent

Information	[Type= discrete] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=45067 /-] [Invalid=206924 /-]
Definition	Damage percent

Frequency table not shown (87 Modalities)

#29 DMEASURE: Damage measure taken

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=187034 /-] [Invalid=64957 /-]
Definition	Damage measure taken

Value	Label	Cases	Percentage
1	Yes	181282	96.9%
2	No	5752	3.1%
Sysmiss		64957	

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.

#30 DMTYPE: Damage measure type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]

File Field Information

#30 DMTYPE: Damage measure type

Statistics [NW/ W]	[Valid=181281 /-] [Invalid=70710 /-]
Definition	Damage measure type

Value	Label	Cases	Percentage
1	Chemical	3834	2.1%
2	Non_chemical	169548	93.5%
3	Both	7899	4.4%
Sysmiss		70710	

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 DMCHEM: Chemical to prevent damage

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=3844 /-] [Invalid=248147 /-]
Definition	Chemical to prevent damage

Value	Label	Cases	Percentage
1	Insecticide	447	11.6%
2	Herbicide	2668	69.4%
3	Fungicide	189	4.9%
4	Insectcide & Her	80	2.1%
5	Insectcide & Fun	49	1.3%
6	Herbicide & Fung	50	1.3%
7	All	4	0.1%
9	Not stated	357	9.3%
Sysmiss		248147	

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 FERT: Fertilizer used?

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=196347 /-] [Invalid=55644 /-]
Definition	Fertilizer used?

Value	Label	Cases	Percentage
1	Yes	98632	50.2%
2	No	97715	49.8%
Sysmiss		55644	

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 FERTTYPE: Ferilizer type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=98675 /-] [Invalid=153316 /-]
Definition	Ferilizer type

Value	Label	Cases	Percentage
1	Natural	63895	64.8%
2	Chemical	28550	28.9%
3	Both	6230	6.3%
Sysmiss		153316	

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.

File Field Information

#34 D22A: Chemical fertilizer type

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=34771 /-] [Invalid=217220 /-]
Definition	Chemical fertilizer type

Value	Label	Cases	Percentage
1	Urea	3325	9.6%
2	DAP	13735	39.5%
3	Both	16727	48.1%
9	Not stated	984	2.8%
Sysmiss		217220	

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 D22B: Chemical fertilizer in KG

Information	[Type= discrete] [Format=numeric] [Range= -100-9999.999] [Missing=*]
Statistics [NW/ W]	[Valid=34757 /-] [Invalid=217234 /-]
Definition	Chemical fertilizer in KG

Value	Label	Cases	Percentage
9999.99	Not stated		

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 D23: Natural fertilizer type

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=70156 /-] [Invalid=181835 /-]
Definition	Natural fertilizer type

Value	Label	Cases	Percentage
1	Manure	51948	74.0%
2	Humese/besebash	5034	7.2%
3	Both	52	0.1%
4	Others	8689	12.4%
5		90	0.1%
6		36	0.1%
7		56	0.1%
8		1665	2.4%
9	Not stated	2586	3.7%
Sysmiss		181835	

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.

#37 D24: How many times the field cultivated in this season?

Information	[Type= discrete] [Format=numeric] [Range= 0-8] [Missing=*]
Statistics [NW/ W]	[Valid=170263 /-] [Invalid=81728 /-]
Definition	How many times the field cultivated in this season?

Value	Label	Cases	Percentage
0		13	0.0%
1		168448	98.9%
2		1767	1.0%

File Field Information

#37 D24: How many times the field cultivated in this season?

Value	Label	Cases	Percentage
3		8	0.0%
4		22	0.0%
5		1	0.0%
8		4	0.0%
Sysmiss		81728	

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 D25: Crops in crop rotation

Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=1511 /-] [Invalid=250480 /-] [Mean=20.175 /-] [StdDev=34.557 /-]
Definition	Crops in crop rotation

#39 D26: What was the field previously?

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=251869 /-] [Invalid=122 /-]
Definition	What was the field previously?

Value	Label	Cases	Percentage
1		6155	2.4%
2		188881	75.0%
3		22589	9.0%
4		3375	1.3%
5		30865	12.3%
9		4	0.0%
Sysmiss		122	

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.

#40 AREAH: Area in hecatare

Information	[Type= continuous] [Format=numeric] [Range= 0-9.751777] [Missing=*]
Statistics [NW/ W]	[Valid=247559 /-] [Invalid=4432 /-] [Mean=0.102 /-] [StdDev=0.222 /-]
Definition	Area in hecatare

#41 AVPROD: Production in Quintals

Information	[Type= continuous] [Format=numeric] [Range= 0-2816.25441] [Missing=*]
Statistics [NW/ W]	[Valid=236311 /-] [Invalid=15680 /-] [Mean=1.65 /-] [StdDev=11.394 /-]
Definition	Production in Quintals

File Area captured by GPS

#1 REG: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-]
Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	0	0.0%
2	Afar	0	0.0%

File Area captured by GPS

#1 REG: Region

Value	Label	Cases	Percentage
3	Amhara	0	0.0%
4	Oromia	4226	100.0%
5	Somalie	0	0.0%
6	Benishangul Gumuz	0	0.0%
7	S.N.N.P.R	0	0.0%
12	Gambela	0	0.0%
13	Harari	0	0.0%
14	Addis Ababa	0	0.0%
15	Drie Dawa	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.

#2 ZONE: Zone

Information	[Type= discrete] [Format=numeric] [Range= 1-70] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-]
Literal question	Zone

#3 DIST: District

Information	[Type= discrete] [Format=numeric] [Range= 1-17] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 2-40] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-] [Mean=14.454 /-] [StdDev=10.755 /-]
Literal question	Farmers Association

#5 EA: Enumeration Area

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-]
Literal question	Enumeration Area

#6 HH: Household Id

Information	[Type= continuous] [Format=numeric] [Range= 1-271] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-] [Mean=86.863 /-] [StdDev=55.643 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-]
Literal question	Head sex

Value	Label	Cases	Percentage
1		3672	86.9%
2		554	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.

File Area captured by GPS

#8 HID: Holder id

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-]
Literal question	Holder id

Value	Label	Cases	Percentage
1		4198	99.3%
2		26	0.6%
3		2	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.

#9 PARCEL: Parcel

Information	[Type= discrete] [Format=numeric] [Range= 0-10] [Missing=*]
Statistics [NW/ W]	[Valid=4222 /-] [Invalid=4 /-]
Literal question	Parcel

Value	Label	Cases	Percentage
0		1	0.0%
1		2933	69.5%
2		875	20.7%
3		280	6.6%
4		86	2.0%
5		28	0.7%
6		15	0.4%
7		2	0.0%
8		1	0.0%
10		1	0.0%
Sysmiss		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.

#10 FLD: Field

Information	[Type= discrete] [Format=numeric] [Range= 1-19] [Missing=*]
Statistics [NW/ W]	[Valid=4222 /-] [Invalid=4 /-]
Literal question	Field

Value	Label	Cases	Percentage
1		1393	33.0%
2		913	21.6%
3		614	14.5%
4		393	9.3%
5		277	6.6%
6		191	4.5%
7		135	3.2%
8		99	2.3%
9		66	1.6%
10		43	1.0%
11		31	0.7%
12		26	0.6%

File Area captured by GPS

#10 FLD: Field

Value	Label	Cases	Percentage
13		17	0.4%
14		11	0.3%
15		6	0.1%
16		3	0.1%
17		2	0.0%
18		1	0.0%
19		1	0.0%
Sysmiss		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 GWEIGHT: GWEIGHT

Information	[Type= continuous] [Format=numeric] [Range= 294.74-942.59] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-] [Mean=559.056 /-] [StdDev=126.12 /-]
Literal question	GWEIGHT

#12 GPS19: Crop/Other Land use Code

Information	[Type= continuous] [Format=numeric] [Range= 1-124] [Missing=*]
Statistics [NW/ W]	[Valid=4222 /-] [Invalid=4 /-] [Mean=61.439 /-] [StdDev=41.487 /-]
Literal question	Crop/Other Land use Code

#13 GPS20: First Measured Area in SqM

Information	[Type= continuous] [Format=numeric] [Range= 0-5390110] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-] [Mean=2951.392 /-] [StdDev=82964.229 /-]
Literal question	First Measured Area in SqM

#14 GPS21: Second Measured Area in SqM

Information	[Type= continuous] [Format=numeric] [Range= 0-3987910] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-] [Mean=2592.055 /-] [StdDev=61418.992 /-]
Literal question	Second Measured Area in SqM

#15 GPS23: Land Topography Code

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=4133 /-] [Invalid=93 /-]
Literal question	Land Topography Code

Value	Label	Cases	Percentage
1		2257	54.6%
2		1355	32.8%
3		521	12.6%
Sysmiss		93	

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 GPS25: Fence in the field

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=4128 /-] [Invalid=98 /-]
Literal question	Fence in the field

File Area captured by GPS

#16 GPS25: Fence in the field

Value	Label	Cases	Percentage
1		2383	57.7%
2		989	24.0%
3		206	5.0%
4		518	12.5%
5		32	0.8%
Sysmiss		98	

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 GAREA: GAREA

Information	[Type= continuous] [Format=numeric] [Range= 0-47606.47] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-] [Mean=1762.186 /-] [StdDev=3451.752 /-]
Literal question	GAREA

#18 AREAH1: AREAH

Information	[Type= continuous] [Format=numeric] [Range= 0-4.760647] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-] [Mean=0.176 /-] [StdDev=0.345 /-]
Literal question	AREAH

#19 LANDUSE1: Landuse

Information	[Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*]
Statistics [NW/ W]	[Valid=4226 /-] [Invalid=0 /-]
Literal question	Landuse

Value	Label	Cases	Percentage
1		1691	40.0%
2		617	14.6%
3		258	6.1%
4		147	3.5%
5		47	1.1%
6		1466	34.7%

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.

#20 PRODQ1: PRODUCTION IN QUINTALS

Information	[Type= continuous] [Format=numeric] [Range= 0.0035-143.1522] [Missing=*]
Statistics [NW/ W]	[Valid=2184 /-] [Invalid=2042 /-] [Mean=4.506 /-] [StdDev=8.594 /-]
Literal question	PRODUCTION IN QUINTALS

#21 V21: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=4226 /-]
Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	0	
2	Afar	0	
3	Amhara	0	

File Area captured by GPS

#21 V21: Region

Value	Label	Cases	Percentage
4	Oromia	0	
5	Somalie	0	
6	Benishangul Gumuz	0	
7	S.N.N.P.R	0	
12	Gambela	0	
13	Harari	0	
14	Addis Ababa	0	
15	Drie Dawa	0	
Sysmiss		4226	

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.

File Holder Information

#1 REG: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-]
Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	1650	6.5%
2	Afar	944	3.7%
3	Amhara	4490	17.7%
4	Oromiya	7510	29.6%
5	Somalie	1353	5.3%
6	Benishangul Gumuz	989	3.9%
7	S.N.N.P.R	6473	25.5%
12	Gambela	1476	5.8%
13	Harari	241	1.0%
15	Dire Dawa	242	1.0%

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.

#2 ZONE: Zone

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-]
Literal question	Zone

Value	Label	Cases	Percentage
1		3536	13.9%
2		2720	10.7%
3		2674	10.5%
4		2478	9.8%
5		1586	6.3%
6		1504	5.9%
7		1274	5.0%
8		1099	4.3%
9		1607	6.3%

File Holder Information

#2 ZONE: Zone

Value	Label	Cases	Percentage
10		1190	4.7%
11		872	3.4%
12		723	2.9%
13		612	2.4%
14		604	2.4%
15		205	0.8%
16		202	0.8%
17		767	3.0%
18		602	2.4%
19		589	2.3%
20		314	1.2%
21		210	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.

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-24] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-] [Mean=5.537 /-] [StdDev=4.591 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-] [Mean=15.606 /-] [StdDev=25.95 /-]
Literal question	Farmers Association

#5 EA: Enumeration Area

Information	[Type= discrete] [Format=numeric] [Range= 1-17] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-]
Literal question	Enumeration Area

Value	Label	Cases	Percentage
1		7602	30.0%
2		5837	23.0%
3		4122	16.2%
4		2895	11.4%
5		1864	7.3%
6		1271	5.0%
7		800	3.2%
8		383	1.5%
9		279	1.1%
10		101	0.4%
11		99	0.4%
12		63	0.2%
13		21	0.1%
16		10	0.0%
17		21	0.1%

File Holder Information

#5 EA: Enumeration Area

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.

#6 HH: Household Id

Information	[Type= continuous] [Format=numeric] [Range= 1-907] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-] [Mean=84.524 /-] [StdDev=58.362 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-]
Literal question	Head sex

Value	Label	Cases	Percentage
1		20475	80.7%
2		4892	19.3%
3		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.

#8 HID: Holder id

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-]
Literal question	Holder id

Value	Label	Cases	Percentage
1		24226	95.5%
2		921	3.6%
3		163	0.6%
4		32	0.1%
5		7	0.0%
6		5	0.0%
7		6	0.0%
8		5	0.0%
9		3	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.

#9 HWEIGHT: Holder Weight

Information	[Type= continuous] [Format=numeric] [Range= 2.44-3428.12] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-] [Mean=606.362 /-] [StdDev=455.629 /-]
Literal question	Holder Weight

#10 AGE: Age

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-] [Mean=42.426 /-] [StdDev=15.727 /-]
Literal question	Age

#11 SEX: Sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-]

File Holder Information

#11 SEX: Sex

Literal question	Sex

Value	Label	Cases	Percentage
1	Male	20557	81.0%
2	Female	4811	19.0%

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.

#12 EDUC: Education (Highest Grade)

Information	[Type= continuous] [Format=numeric] [Range= 1-22] [Missing=*/99]
Statistics [NW/ W]	[Valid=25365 /-] [Invalid=3 /-] [Mean=2.942 /-] [StdDev=3.33 /-]
Literal question	Education (Highest Grade)

#13 V12: Household Size

Information	[Type= continuous] [Format=numeric] [Range= 1-23] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-] [Mean=5.371 /-] [StdDev=2.393 /-]
Literal question	Household Size

#14 HTYPE: Type of Holding

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-]
Literal question	Type of Holding

Value	Label	Cases	Percentage
1	Crop	2912	11.5%
2	Livestock	2025	8.0%
3	Both	20431	80.5%

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.

#15 HRATIO: Holder Ratio

Information	[Type= continuous] [Format=numeric] [Range= 0.0061841-0.7053774] [Missing=*]
Statistics [NW/ W]	[Valid=25368 /-] [Invalid=0 /-] [Mean=0.0753 /-] [StdDev=0.1 /-]
Literal question	Holder Ratio

Documentation

Reports and analytical documents

Crop Production Forecast Sample Survey, Central Statistical Agency, Ethiopia [eth], English [eng], "doc\report \forcast 2003 report.pdf"

Study Documentation, Central Statistical Agency, March 2011, Ethiopia [eth], English [eng], "C:\ETH-AGSS-Forcast-2010\doc\report\2003-AgssF-Metadata.pdf"

Questionnaires

Agricultural Sample Survey 2010-2011 (2003 E.C) - Questionnaire, Central Statistical Agency, Ethiopia [eth], English [eng], "doc\Qutionnarie\Questionnaire condition 3A Forecast 2003(07.1).pdf"

Agricultural Sample Survey 2010-2011 (2003 E.C) - Questionnaire, Central Statistical Agency, Ethiopia [eth], English [eng], "doc\Qutionnarie\Questionnaire Prtactice Forecast 2003(07.3).pdf"

Agricultural Sample Survey 2010-2011 (2003 E.C) - Questionnaire, Central Statistical Agency, Ethiopia [eth], English [eng], "doc\Qutionnarie\Questionnaires 3B & C Forecast2003(07.2).pdf"

Technical documents

Form for Requesting Access to Raw Data, Central Statistical Agency, Ethiopia [eth], English [eng]

Tables for Crop Production Forecast Sample Survey, Central Statistical Agency, Ethiopia [eth], English [eng], "doc\table\Forecast2003 Stat Tables to be filledincluding zonal es (version 1ff).pdf"