Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

Agricultural Sample Survey 2009-2010 Belg (2002 E.C)

Study Documentation

March 4, 2011

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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Identification	DDI-ETH-CSA-AgSSB-2010-v1.1

Table of Contents

Ethiopia (2010)
Agricultural Sample Survey 2009-2010 Belg (2002 E.C) (AgSSB 2009-2010)

Overview

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

Abstract

The objectives of the 2009/10 (2002 E.C.), Belg Season Crop Production Sample Survey is to produce basic quantitative information on cropland area, production and yield of major Belg season crops, as well as to provide quantitative information on:-

· cropland area, production and yield of major belg season crops, and
· the extent and use of different farm management practices on belg season crops such as fertilized crop land area and quantity of
fertilizer used by crop and fertilizer type, irrigated crop land area, area under improved seed, pesticide treated cropland area … etc.

The adequate and timely supply of this information to ultimate users is therefore, important for use as a primary input in the process of policy formulation, designing developmental agricultural projects and programmes. This report, therefore, presents quantitative information on the above-mentioned major variables at country and regional levels.

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 2009/10 (2002 E.C) Annual Agricultural Sample Survey (Belg season) covered the entire rural parts of the country except the non-sedentary population of three zones of Afar & six zones of Somali regions. Accordingly the survey took in to account of all parts of Harari, Dire Dawa, and actually 59 Zones / Special weredas (that are treated as zones) of other regions.
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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

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 2009/10 agricultural sample survey was determined by taking into account of both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors, manageability of the survey in terms of quality and operational control was also 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 1999 E.C cartographic census frame. From the fresh list of households prepared at the beginning of the survey 30 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.

Somalie 9 3
Benishangul Gumuz 4 4
S.N.N.P.R 21 21
Gambela 4 2
Hareri 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

To be covered by the survey, a total of around 1,200 Enumeration Areas (EAs) were selected. However, due to various reasons that are beyond control, in 96 EAs the survey could not be successful and hence interrupted.

Thus, all in all the survey succeeded to cover 1104 EAs throughout the regions. The Annual Agricultural Sample survey (Belg season) data was collected from 30 agricultural households selected from each EA.

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

Except cropland area of major Belg Season crop, the data of which collected objectively using compasses and measuring tape, the information on production of major Belg Season crops and agricultural practices (uses of fertilizer, pesticide, improved seed and irrigation) were subjectively collected by interviewing the holders of sampled households. Appendix II illustrates the total number of EAs and households reporting for the 2009/10 (2002 E.C.), Belg crop production by region.

A major characteristic of Ethiopian agriculture is the existence of two well-known crop production seasons referred to as the Meher (or main) and Belg(short rain) Seasons. The generally accepted definition of the Meher season is that of the long rainy season, which normally occurs from June to September. The Belg Season most often refers to small but timely rainy season, which normally occurs from February to May but in limited areas of the country. Generally, the Meher Season rainy period provides ideal growing conditions for the longer maturing crops. Planting and harvest of Meher crops can extend to December or January in some areas. Most of the time holders rely on short maturing crops for planting during the Belg rainy period and harvest of the crops is in June or July.

A point of contention arises with respect to the pure definition of the Belg crop. Belg cropping practices are heterogeneous across different portions of the country. The nature of the sowing period also overlaps with some of the Meher Season crops. Consequently, the report on Belg Season crops in the past faced a problem of a clearly defined growing period. It is important not to overlook or miss agricultural practices performed all year round due to use of irrigation or soil moister from sufficiently dried areas that from time-to-time are swampy or marshy. To help clarify the two-crop season, the following definition has been in use since 1987/88:

Belg Season Crops were defined as any crops that are harvested during the months of March to August, while those crops that are harvested during September to February are considered Meher (main) season crops.

This report consists of estimates of area, production and yield of major Belg Season crops for the year 2009/10 (2002 E.C.) The data collection period for obtaining the area, production and agricultural practices of the Belg season crops was from 'Ginbot' 15-30, 2002 E.C. (i.e. From May 23 to June 7, 2010). Data on area under Belg season crop are collected objectively using compass and measuring tapes, while data on production of belg season crops were using subjective method based on face-to-face interviewing of the holder by the enumerator. Data on production of belg season crops are calculated from the condition factor data that are collected directly from the sampled holders within household, peasant association chairpersons and development agents. The enumerators were trained to systematically present the questions to the respondents on percentage changes using the local translation and meaning. The enumerators were also trained on how to use comparative associations to represent the concept of percentage changes and fill in the questionnaire.

Questionnaires

The 2009-2010 annual Agricultural Bleg Sample Survey used structured questionnaires to collect agricultural information from selected sample households.
List of forms in the questionnaires: .
- AgSS Form 2002: it contains list fo filds under mixed Crops(including vegetables and root crops).

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

Data Processing & Appraisal

Data Editing

Data Processing

a. Editing, Coding and Verification

To insure the quality of the collected survey data an editing, coding, and verification instruction manual was written, and 16 editors, data coders and verifiers were trained for one day to edit, code and verify the data using the aforementioned manual as a reference and teaching aid. The enumerator completed edited and coded questionnaires sent to the head office were thoroughly verified by trained verifiers on a 100% basis before the questionnaires were sent to the data entry unit. The editing, coding, verification and manual cleaning of all questionnaires was completed in 24 days.

b. Data Entry, Cleaning and Tabulation

Before starting data entry computer edit specifications were prepared for use on personal computers, utilizing the CSPRO Software for data consistency checking purposes. The data on the coded questionnaires were then entered into the CSPRO software on personal computers. The data was then checked and cleaned using the computer edit specifications prepared earlier for this purpose. Forty six data encoders and 4 supervisors were involved in this total process and it took ten days to complete the job. Finally, tabulation was done on personal computers to produce results as indicated in the tabulation plan.

Estimates of Sampling Error

Estimation procedure of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix-I and II of the report which is provided in the metadata.

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.

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Files Description

Dataset contains 4 file(s)

Field Information	
# Cases	63669
# Variable(s)	38

GPS-Oromia	
# Cases	13721
# Variable(s)	21

Holder Information	
# Cases	23783
# Variable(s)	15

Household Information	
# Cases	23138
# Variable(s)	10

Variables List

Dataset contains 84 variable(s)

File Field Information

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	discrete	numeric-2.0	63669	0	Region
2	ZONE	Zone	discrete	numeric-2.0	63669	0	Zone
3	DIST	District	continuous	numeric-2.0	63669	0	District
4	FA	Farmers Association	continuous	numeric-3.0	63669	0	Farmers Association
5	EA	Enumeration Area	discrete	numeric-2.0	63669	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	63669	0	Household Id
7	HHSEX	Head sex	discrete	numeric-1.0	63669	0	Head sex
8	HID	Holder id	discrete	numeric-1.0	63669	0	Holder id
9	PARCEL	Parcel	discrete	numeric-2.0	63669	0	Parcel
10	FLD	Field	continuous	numeric-2.0	63669	0	Field
11	FWEIGHT	Sampling weight	continuous	numeric-7.2	63669	0	Sampling weight
12	PART	Field Part	discrete	numeric-1.0	63669	0	Field Part
13	FLDT	Field Type	discrete	numeric-1.0	63669	0	Field Type
14	CROP	Crop or Land Use	discrete	numeric-3.0	63669	0	Crop or Land Use
15	OWNTYPE	Owner Type	discrete	numeric-1.0	63656	13	Owner Type
16	EXT	Extension	discrete	numeric-1.0	63656	13	Extension
17	IRRG	Irrigation Used	discrete	numeric-1.0	63651	18	Irrigation Used
18	SIRRG	Source of Irrigation	discrete	numeric-1.0	3649	60020	Source of Irrigation
19	SEEDTYPE	Seed Type	discrete	numeric-1.0	59629	4040	Seed Type
20	WTIMSEED	Weight of improved Seed	discrete	numeric-8.3	845	62824	Weight of improved Seed
21	COSTIMPS	Improved Seed Cost	discrete	numeric-9.2	1163	62506	Improved Seed Cost
22	WTNISEED	Weight of Non Improved Seed	discrete	numeric-8.3	37581	26088	Weight of Non Improved Seed
23	DAMAGE	Any Damage	discrete	numeric-1.0	60057	3612	Any Damage
24	DREASON	Damage Reason	discrete	numeric-2.0	14165	49504	Damage Reason
25	DPERCENT	Damage Percent	discrete	numeric-3.0	16108	47561	Damage Percent
26	DMEASURE	Any Measure to Prevent Damage	discrete	numeric-1.0	59991	3678	Any Measure to Prevent Damage
27	DMTYPE	Type of Damage Prevention	discrete	numeric-1.0	59111	4558	Type of Damage Prevention
28	DMCHEM	Chemical Used	discrete	numeric-1.0	1993	61676	Chemical Used
29	FERT	Fertilizer Used	discrete	numeric-1.0	63447	222	Fertilizer Used
30	FERTTYPE	Fertilizer Type	discrete	numeric-1.0	29056	34613	Fertilizer Type
31	D22A	Chemical Fertilizer Type	discrete	numeric-1.0	6141	57528	Chemical Fertilizer Type
32	D22B	Chemical Fertilizer quantity	discrete	numeric-8.3	6124	57545	Chemical Fertilizer quantity
33	D23	Natural Fertilizer Type	discrete	numeric-1.0	23844	39825	Natural Fertilizer Type

File Field Information

#	Name	Label	Type	Format	Valid	Invalid	Question
34	APERCENT	Percent of Field in Use	discrete	numeric-3.0	63669	0	Percent of Field in Use
35	AMONTH	Area Measure - Month	discrete	numeric-2.0	61432	2237	Area Measure - Month
36	ADAY	Area Measure - Day	discrete	numeric-2.0	61384	2285	Area Measure - Day
37	PRODPQ	Production in Quintal	continuous	numeric-10.5	50265	13404	Production in Quintal
38	AreaH	Area in Hectare	continuous	numeric-8.7	50265	13404	Area in Hectare

File GPS-Oromia

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	discrete	numeric-2.0	13721	0	Region
2	ZONE	Zone	discrete	numeric-2.0	13721	0	Zone
3	DIST	District	continuous	numeric-2.0	13721	0	District
4	FA	Farmers Association	continuous	numeric-3.0	13721	0	Farmers Association
5	EA	Enumeration Area	discrete	numeric-2.0	13721	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	13721	0	Household Id
7	HHSEX	Head sex	discrete	numeric-1.0	13721	0	Head sex
8	HID	Holder id	discrete	numeric-1.0	13721	0	Holder id
9	PARCEL	Parcel	continuous	numeric-2.0	13719	2	Parcel
10	FLD	Field	discrete	numeric-2.0	13721	0	Field
11	GWEIGHT	Sampling weight	continuous	numeric-7.2	13721	0	Sampling weight
12	GPS19	Crop/Other Land use Code	continuous	numeric-3.0	13721	0	Crop/Other Land use Code
13	GPS20	First Measured Area in SqM	continuous	numeric-13.5	13721	0	First Measured Area in SqM
14	GPS21	Second Measured Area in SqM	continuous	numeric-13.5	13721	0	Second Measured Area in SqM
15	GPS23	Land Topography Code	discrete	numeric-1.0	13331	390	Land Topography Code
16	GPS25	Weather Condition	discrete	numeric-1.0	13442	279	Weather Condition
17	GPS26	Time taken to change battery	continuous	numeric-7.2	13304	417	Time taken to change battery
18	GPS27	Time taken to measure the field	continuous	numeric-2.0	13466	255	Time taken to measure the field
19	GPS29	Fence	discrete	numeric-1.0	13483	238	Fence
20	PRODPQX	Production in Quintal	continuous	numeric-10.5	13721	0	Production in Quintal
21	AreaH	Area in Hectare	continuous	numeric-8.7	13721	0	Area in Hectare

File Holder Information

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	discrete	numeric-2.0	23783	0	Region
2	ZONE	Zone	discrete	numeric-2.0	23783	0	Zone
3	DIST	District	continuous	numeric-2.0	23783	0	District
4	FA	Farmers Association	continuous	numeric-3.0	23783	0	Farmers Association

File Holder Information

#	Name	Label	Type	Format	Valid	Invalid	Question
5	EA	Enumeration Area	discrete	numeric-2.0	23783	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	23783	0	Household Id
7	HHSEX	Head sex	discrete	numeric-1.0	23783	0	Head sex
8	HID	Holder id	discrete	numeric-1.0	23783	0	Holder id
9	HWEIGHT	Sampling weight	continuous	numeric-7.2	23783	0	Sampling weight
10	V09	Holder Age	continuous	numeric-2.0	23764	19	Holder Age
11	V10	Holder Sex	discrete	numeric-1.0	23783	0	Holder Sex
12	V11	Education (Highest Grade)	discrete	numeric-2.0	23783	0	Education (Highest Grade)
13	V12	Household Size	continuous	numeric-2.0	23783	0	Household Size
14	V13	Holding type	discrete	numeric-1.0	23783	0	Holding type
15	HRATIO	Holder Ratio	continuous	numeric-9.7	23783	0	Holder Ratio

File Household Information

#	Name	Label	Type	Format	Valid	Invalid	Question
1	REG	Region	discrete	numeric-2.0	23138	0	Region
2	ZONE	Zone	discrete	numeric-2.0	23138	0	Zone
3	DIST	District	continuous	numeric-2.0	23138	0	District
4	FA	Farmers Association	continuous	numeric-3.0	23138	0	Farmers Association
5	EA	Enumeration Area	discrete	numeric-2.0	23138	0	Enumeration Area
6	HH	Household Id	continuous	numeric-3.0	23138	0	Household Id
7	HHSEX	Head sex	discrete	numeric-1.0	23138	0	Head sex
8	PWEIGHT	Sampling Weight	continuous	numeric-7.2	23138	0	Sampling Weight
9	HHSIZE	Household Size	continuous	numeric-2.0	23138	0	Household Size
10	PRATIO	Ratio	continuous	numeric-9.7	23138	0	Ratio

Variables Description

Dataset contains84 variable(s)

File Field Information

#1 REG: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-]
Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	452	0.7%
2	Afar	616	1.0%
3	Amhara	5041	7.9%
4	Oromia	13404	21.1%
5	Somale	276	0.4%
6	Benshangul Gumuz	1003	1.6%
7	S.N.N.P	38913	61.1%
12	Gambella	2419	3.8%
13	Harari	592	0.9%
14	Addis Ababa	0	0.0%
15	Dire Dawa	953	1.5%

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.

#2 ZONE: Zone

Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=7.924 /-] [StdDev=5.041 /-]
Literal question	Zone

Value	Label	Cases	Percentage
1		4189	6.6%
2		4429	7.0%
3		6516	10.2%
4		5883	9.2%
5		2817	4.4%
6		6265	9.8%
7		2773	4.4%
8		2639	4.1%
9		4339	6.8%
10		5979	9.4%
11		5767	9.1%
12		1858	2.9%
13		627	1.0%
14		1523	2.4%
15		732	1.1%
16		592	0.9%
17		2495	3.9%
18		2682	4.2%
19		524	0.8%

File Field Information

#2 ZONE: Zone

Value	Label	Cases	Percentage
20		814	1.3%
21		226	0.4%

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.

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-23] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=5.665 /-] [StdDev=4.594 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=15.174 /-] [StdDev=23.587 /-]
Literal question	Farmers Association

#5 EA: Enumeration Area

Information	[Type= discrete] [Format=numeric] [Range= 1-13] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=2.832 /-] [StdDev=1.822 /-]
Literal question	Enumeration Area

Value	Label	Cases	Percentage
1		18668	29.3%
2		14424	22.7%
3		11316	17.8%
4		8285	13.0%
5		5442	8.5%
6		2551	4.0%
7		1527	2.4%
8		917	1.4%
9		369	0.6%
10		118	0.2%
12		32	0.1%
13		20	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.

#6 HH: Household Id

Information	[Type= continuous] [Format=numeric] [Range= 1-342] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=86.176 /-] [StdDev=54.903 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=1.156 /-] [StdDev=0.363 /-]
Literal question	Head sex

Value	Label	Cases	Percentage
1		53734	84.4%

File Field Information

#7 HHSEX: Head sex

Value	Label	Cases	Percentage
2		9935	15.6%

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.

#8 HID: Holder id

Information	[Type= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=1.011 /-] [StdDev=0.127 /-]
Literal question	Holder id

Value	Label	Cases	Percentage
1		63056	99.0%
2		540	0.8%
3		63	0.1%
4		3	0.0%
5		4	0.0%
8		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 PARCEL: Parcel

Information	[Type= discrete] [Format=numeric] [Range= 1-17] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=1.373 /-] [StdDev=0.849 /-]
Literal question	Parcel

Value	Label	Cases	Percentage
1		48157	75.6%
2		10620	16.7%
3		3135	4.9%
4		1055	1.7%
5		364	0.6%
6		151	0.2%
7		65	0.1%
8		39	0.1%
9		26	0.0%
10		19	0.0%
11		11	0.0%
12		12	0.0%
13		7	0.0%
14		5	0.0%
15		1	0.0%
16		1	0.0%
17		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.

#10 FLD: Field

Information	[Type= continuous] [Format=numeric] [Range= 1-22] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=1.886 /-] [StdDev=1.465 /-]
Literal question	Field

File Field Information

#11 FWEIGHT: Sampling weight

Information	[Type= continuous] [Format=numeric] [Range= 1.98-1487.19] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=233.029 /-] [StdDev=145.073 /-]
Literal question	Sampling weight

#12 PART: Field Part

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-] [Mean=1.255 /-] [StdDev=0.52 /-]
Literal question	Field Part

Value	Label	Cases	Percentage
1		50038	78.6%
2		11051	17.4%
3		2580	4.1%

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.

#13 FLDT: Field Type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-]
Literal question	Field Type

Value	Label	Cases	Percentage
1	Pure Stand	34311	53.9%
2	Mixed crop land	29357	46.1%
3	Other land use	1	0.0%

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

#14 CROP: Crop or Land Use

Information	[Type= discrete] [Format=numeric] [Range= 1-123] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-]
Literal question	Crop or Land Use

Frequency table not shown (68 Modalities)

#15 OWNTYPE: Owner Type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=63656 /-] [Invalid=13 /-]
Literal question	Owner Type

Value	Label	Cases	Percentage
1	Private	59807	94.0%
2	Rent/leased	2312	3.6%
3	Other	1537	2.4%
Sysmiss		13	

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= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=63656 /-] [Invalid=13 /-]
Literal question	Extension

File Field Information

#16 EXT: Extension

Value	Label	Cases	Percentage
1	Yes	2146	3.4%
2	No	61510	96.6%
Sysmiss		13	

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= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=63651 /-] [Invalid=18 /-]
Literal question	Irrigation Used

Value	Label	Cases	Percentage
1	Yes	3647	5.7%
2	No	60004	94.3%
Sysmiss		18	

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

#18 SIRRG: Source of Irrigation

Information	[Type= discrete] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=3649 /-] [Invalid=60020 /-] [Mean=1.879 /-] [StdDev=1.57 /-]
Literal question	Source of Irrigation

Value	Label	Cases	Percentage
1		2714	74.4%
2		43	1.2%
3		163	4.5%
4		79	2.2%
5		650	17.8%
Sysmiss		60020	

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 SEEDTYPE: Seed Type

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=59629 /-] [Invalid=4040 /-]
Literal question	Seed Type

Value	Label	Cases	Percentage
1	Improved	1169	2.0%
2	Non-improved	58460	98.0%
Sysmiss		4040	

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 WTIMSEED: Weight of improved Seed

Information	[Type= discrete] [Format=numeric] [Range= 0-9999.999] [Missing=*]
Statistics [NW/ W]	[Valid=845 /-] [Invalid=62824 /-]
Literal question	Weight of improved Seed

Frequency table not shown (246 Modalities)

File Field Information

#21 COSTIMPS: Improved Seed Cost

Information	[Type= discrete] [Format=numeric] [Range= 0.96-999999.99] [Missing=*]
Statistics [NW/ W]	[Valid=1163 /-] [Invalid=62506 /-]
Literal question	Improved Seed Cost

Frequency table not shown (338 Modalities)

#22 WTNISEED: Weight of Non Improved Seed

Information	[Type= discrete] [Format=numeric] [Range= 0-9999.999] [Missing=*]
Statistics [NW/ W]	[Valid=37581 /-] [Invalid=26088 /-]
Literal question	Weight of Non Improved Seed

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.

#23 DAMAGE: Any Damage

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=60057 /-] [Invalid=3612 /-]
Literal question	Any Damage

Value	Label	Cases	Percentage
1	Yes	15759	26.2%
2	No	44298	73.8%
Sysmiss		3612	

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 DREASON: Damage Reason

Information	[Type= discrete] [Format=numeric] [Range= 0-41] [Missing=*]
Statistics [NW/ W]	[Valid=14165 /-] [Invalid=49504 /-]
Literal question	Damage Reason

Value	Label	Cases	Percentage
0		2	0.0%
1	Too much rain	1047	7.4%
2	Too little rain	332	2.3%
3	Insects	641	4.5%
4	Crop disease	39	0.3%
5	Weeds	1687	11.9%
6	Hail	2178	15.4%
7	Frost	4936	34.8%
8	Floods	481	3.4%
9	Wild animals	82	0.6%
10	Locust	410	2.9%
11	Birds	770	5.4%
12	Shortage of seeds	65	0.5%
13	Depletion of soil fertility	751	5.3%
14	Security problems	2	0.0%
15	Other	739	5.2%

File Field Information

#24 DREASON: Damage Reason

Value	Label	Cases	Percentage
17		1	0.0%
22		1	0.0%
41		1	0.0%
Sysmiss		49504	

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 DPERCENT: Damage Percent

Information	[Type= discrete] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=16108 /-] [Invalid=47561 /-]
Literal question	Damage Percent

Frequency table not shown (59 Modalities)

#26 DMEASURE: Any Measure to Prevent Damage

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=59991 /-] [Invalid=3678 /-]
Literal question	Any Measure to Prevent Damage

Value	Label	Cases	Percentage
1	Yes	59110	98.5%
2	No	881	1.5%
Sysmiss		3678	

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 DMTYPE: Type of Damage Prevention

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=59111 /-] [Invalid=4558 /-]
Literal question	Type of Damage Prevention

Value	Label	Cases	Percentage
1	Chemical	636	1.1%
2	Non-chemical	57193	96.8%
3	Both	1282	2.2%
Sysmiss		4558	

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 DMCHEM: Chemical Used

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=1993 /-] [Invalid=61676 /-]
Literal question	Chemical Used

Value	Label	Cases	Percentage
1	Insecticide	507	25.4%
2	Herbicide	1252	62.8%
3	Fungicide	103	5.2%
4	Insectcide & Herbicide	62	3.1%
5	Insectcide & Fungicide	25	1.3%
6	Herbicide & Fungicide	3	0.2%

File Field Information

#28 DMCHEM: Chemical Used

Value	Label	Cases	Percentage
7	All	0	0.0%
9	Not stated	41	2.1%
Sysmiss		61676	

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 FERT: Fertilizer Used

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=63447 /-] [Invalid=222 /-]
Literal question	Fertilizer Used

Value	Label	Cases	Percentage
1	Yes	28976	45.7%
2	No	34471	54.3%
Sysmiss		222	

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 FERTTYPE: Fertilizer Type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=29056 /-] [Invalid=34613 /-]
Literal question	Fertilizer Type

Value	Label	Cases	Percentage
1	Natural	22776	78.4%
2	Chemical	5239	18.0%
3	Both	1041	3.6%
Sysmiss		34613	

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 D22A: Chemical Fertilizer Type

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=6141 /-] [Invalid=57528 /-]
Literal question	Chemical Fertilizer Type

Value	Label	Cases	Percentage
1	Urea	328	5.3%
2	DAP	4898	79.8%
3	Both	915	14.9%
9	Not stated	0	0.0%
Sysmiss		57528	

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 D22B: Chemical Fertilizer quantity

Information	[Type= discrete] [Format=numeric] [Range= 0.025-9999.99] [Missing=*]
Statistics [NW/ W]	[Valid=6124 /-] [Invalid=57545 /-]
Literal question	Chemical Fertilizer quantity

Frequency table not shown (782 Modalities)

File Field Information

#33 D23: Natural Fertilizer Type

Information	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=23844 /-] [Invalid=39825 /-]
Literal question	Natural Fertilizer Type

Value	Label	Cases	Percentage
1	Manure	19814	83.1%
2	Humese/besebash	1284	5.4%
3	Both	64	0.3%
4	Others	1943	8.1%
5		30	0.1%
6		3	0.0%
7		8	0.0%
8		697	2.9%
9	Not stated	1	0.0%
Sysmiss		39825	

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 APERCENT: Percent of Field in Use

Information	[Type= discrete] [Format=numeric] [Range= 0-100] [Missing=*]
Statistics [NW/ W]	[Valid=63669 /-] [Invalid=0 /-]
Literal question	Percent of Field in Use

Frequency table not shown (85 Modalities)

#35 AMONTH: Area Measure - Month

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=61432 /-] [Invalid=2237 /-]
Literal question	Area Measure - Month

Frequency table not shown (53 Modalities)

#36 ADAY: Area Measure - Day

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=61384 /-] [Invalid=2285 /-]
Literal question	Area Measure - Day

Value	Label	Cases	Percentage
0		12400	20.2%
1		283	0.5%
2		174	0.3%
3		76	0.1%
4		58	0.1%
5		41	0.1%
6		43	0.1%
7		76	0.1%
8		20411	33.3%
9		26789	43.6%
10		978	1.6%

File Field Information

#36 ADAY: Area Measure - Day

Value	Label	Cases	Percentage
11		20	0.0%
12		3	0.0%
13		12	0.0%
14		2	0.0%
15		4	0.0%
17		1	0.0%
18		1	0.0%
20		5	0.0%
21		1	0.0%
25		1	0.0%
31		1	0.0%
34		1	0.0%
36		1	0.0%
41		1	0.0%
42		1	0.0%
99	Not stated	0	0.0%
Sysmiss		2285	

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 PRODPQ: Production in Quintal

Information	[Type= continuous] [Format=numeric] [Range= 0-256.76286] [Missing=*]
Statistics [NW/ W]	[Valid=50265 /-] [Invalid=13404 /-] [Mean=0.961 /-] [StdDev=4.681 /-]
Literal question	Production in Quintal

#38 AreaH: Area in Hectare

Information	[Type= continuous] [Format=numeric] [Range= 0-7.012252] [Missing=*]
Statistics [NW/ W]	[Valid=50265 /-] [Invalid=13404 /-] [Mean=0.0774 /-] [StdDev=0.173 /-]
Literal question	Area in Hectare

File GPS-Oromia

#1 REG: Region

Information	[Type= discrete] [Format=numeric] [Range= 4-4] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=4 /-] [StdDev=0 /-]
Literal question	Region

Value	Label	Cases	Percentage
4		13721	100.0%

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= 1-18] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=8.408 /-] [StdDev=4.312 /-]
Literal question	Zone

Value	Label	Cases	Percentage
1		757	5.5%

File GPS-Oromia

#2 ZONE: Zone

Value	Label	Cases	Percentage
2		593	4.3%
3		1032	7.5%
4		1509	11.0%
5		269	2.0%
6		518	3.8%
8		1537	11.2%
9		1155	8.4%
10		909	6.6%
11		2769	20.2%
12		1288	9.4%
13		130	0.9%
14		509	3.7%
17		104	0.8%
18		642	4.7%

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.

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-23] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=9.828 /-] [StdDev=5.308 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-45] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=13.53 /-] [StdDev=9.589 /-]
Literal question	Farmers Association

#5 EA: Enumeration Area

Information	[Type= discrete] [Format=numeric] [Range= 1-13] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=3.006 /-] [StdDev=2.044 /-]
Literal question	Enumeration Area

Value	Label	Cases	Percentage
1		4224	30.8%
2		2819	20.5%
3		2270	16.5%
4		1265	9.2%
5		866	6.3%
6		1268	9.2%
7		697	5.1%
8		198	1.4%
9		94	0.7%
13		20	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= 1-342] [Missing=*]

File GPS-Oromia

#6 HH: Household Id

Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=85.223 /-] [StdDev=53.603 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=1.127 /-] [StdDev=0.333 /-]
Literal question	Head sex

Value	Label	Cases	Percentage
1		11980	87.3%
2		1741	12.7%

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

#8 HID: Holder id

Information	[Type= discrete] [Format=numeric] [Range= 1-4] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=1.011 /-] [StdDev=0.122 /-]
Literal question	Holder id

Value	Label	Cases	Percentage
1		13589	99.0%
2		111	0.8%
3		19	0.1%
4		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= continuous] [Format=numeric] [Range= 1-25] [Missing=*]
Statistics [NW/ W]	[Valid=13719 /-] [Invalid=2 /-] [Mean=1.489 /-] [StdDev=0.86 /-]
Literal question	Parcel

#10 FLD: Field

Information	[Type= discrete] [Format=numeric] [Range= 0-14] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=1.537 /-] [StdDev=1.065 /-]
Literal question	Field

Value	Label	Cases	Percentage
0		1	0.0%
1		9470	69.0%
2		2576	18.8%
3		948	6.9%
4		368	2.7%
5		176	1.3%
6		95	0.7%
7		44	0.3%
8		19	0.1%
9		11	0.1%
10		5	0.0%
11		2	0.0%

File GPS-Oromia

#10 FLD: Field

Value	Label	Cases	Percentage
12		3	0.0%
13		2	0.0%
14		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.

#11 GWEIGHT: Sampling weight

Information	[Type= continuous] [Format=numeric] [Range= 88.46-1487.19] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=349.082 /-] [StdDev=129.409 /-]
Literal question	Sampling weight

#12 GPS19: Crop/Other Land use Code

Information	[Type= continuous] [Format=numeric] [Range= 1-591] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=15.266 /-] [StdDev=22.863 /-]
Literal question	Crop/Other Land use Code

#13 GPS20: First Measured Area in SqM

Information	[Type= continuous] [Format=numeric] [Range= 0-2209376] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=1733.036 /-] [StdDev=18989.084 /-]
Literal question	First Measured Area in SqM

#14 GPS21: Second Measured Area in SqM

Information	[Type= continuous] [Format=numeric] [Range= 0-82050.321] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=1568.7 /-] [StdDev=2227.46 /-]
Literal question	Second Measured Area in SqM

#15 GPS23: Land Topography Code

Information	[Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*]
Statistics [NW/ W]	[Valid=13331 /-] [Invalid=390 /-] [Mean=1.401 /-] [StdDev=0.636 /-]
Literal question	Land Topography Code

Value	Label	Cases	Percentage
0		3	0.0%
1		9074	68.1%
2		3162	23.7%
3		1092	8.2%
Sysmiss		390	

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: Weather Condition

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=13442 /-] [Invalid=279 /-] [Mean=1.38 /-] [StdDev=0.487 /-]
Literal question	Weather Condition

Value	Label	Cases	Percentage
1		8346	62.1%
2		5087	37.8%
3		9	0.1%

File GPS-Oromia

#16 GPS25: Weather Condition

Value	Label	Cases	Percentage
Sysmiss		279	

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 GPS26: Time taken to change battery

Information	[Type= continuous] [Format=numeric] [Range= 0-2012] [Missing=*]
Statistics [NW/ W]	[Valid=13304 /-] [Invalid=417 /-] [Mean=51.627 /-] [StdDev=151.358 /-]
Literal question	Time taken to change battery

#18 GPS27: Time taken to measure the field

Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=13466 /-] [Invalid=255 /-] [Mean=6.952 /-] [StdDev=6.768 /-]
Literal question	Time taken to measure the field

#19 GPS29: Fence

Information	[Type= discrete] [Format=numeric] [Range= 0-9] [Missing=*]
Statistics [NW/ W]	[Valid=13483 /-] [Invalid=238 /-] [Mean=1.477 /-] [StdDev=1.037 /-]
Literal question	Fence

Value	Label	Cases	Percentage
0		129	1.0%
1		10261	76.1%
2		1233	9.1%
3		551	4.1%
4		1052	7.8%
5		242	1.8%
6		2	0.0%
7		5	0.0%
8		6	0.0%
9		2	0.0%
Sysmiss		238	

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 PRODPQX: Production in Quintal

Information	[Type= continuous] [Format=numeric] [Range= 0-158.04496] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=1.919 /-] [StdDev=3.924 /-]
Literal question	Production in Quintal

#21 AreaH: Area in Hectare

Information	[Type= continuous] [Format=numeric] [Range= 0-5.480287] [Missing=*]
Statistics [NW/ W]	[Valid=13721 /-] [Invalid=0 /-] [Mean=0.158 /-] [StdDev=0.216 /-]
Literal question	Area in Hectare

File Holder Information

#1 REG: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-]

File Holder Information

#1 REG: Region

Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	354	1.5%
2	Afar	396	1.7%
3	Amhara	2399	10.1%
4	Oromia	6347	26.7%
5	Somale	595	2.5%
6	Benshangul Gumuz	550	2.3%
7	S.N.N.P	10446	43.9%
12	Gambella	1516	6.4%
13	Harari	453	1.9%
14	Addis Ababa	0	0.0%
15	Dire Dawa	727	3.1%

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= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=7.328 /-] [StdDev=5.1 /-]
Literal question	Zone

Value	Label	Cases	Percentage
1		2657	11.2%
2		1861	7.8%
3		2232	9.4%
4		2355	9.9%
5		1685	7.1%
6		1374	5.8%
7		861	3.6%
8		1125	4.7%
9		2178	9.2%
10		1850	7.8%
11		1665	7.0%
12		685	2.9%
13		249	1.0%
14		402	1.7%
15		141	0.6%
16		148	0.6%
17		958	4.0%
18		652	2.7%
19		159	0.7%
20		396	1.7%
21		150	0.6%

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.

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-23] [Missing=*]

File Holder Information

#3 DIST: District

Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=5.731 /-] [StdDev=4.677 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=15.461 /-] [StdDev=28.723 /-]
Literal question	Farmers Association

#5 EA: Enumeration Area

Information	[Type= discrete] [Format=numeric] [Range= 1-13] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=2.836 /-] [StdDev=1.906 /-]
Literal question	Enumeration Area

Value	Label	Cases	Percentage
1		7387	31.1%
2		5294	22.3%
3		3978	16.7%
4		2789	11.7%
5		1929	8.1%
6		1139	4.8%
7		762	3.2%
8		205	0.9%
9		190	0.8%
10		62	0.3%
12		30	0.1%
13		18	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= 1-342] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=84.496 /-] [StdDev=54.681 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-]
Literal question	Head sex

Value	Label	Cases	Percentage
1	Male	19305	81.2%
2	Female	4478	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= discrete] [Format=numeric] [Range= 1-8] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=1.039 /-] [StdDev=0.224 /-]
Literal question	Holder id

File Holder Information

#8 HID: Holder id

Value	Label	Cases	Percentage
1		22991	96.7%
2		687	2.9%
3		92	0.4%
4		10	0.0%
5		2	0.0%
8		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.

#9 HWEIGHT: Sampling weight

Information	[Type= continuous] [Format=numeric] [Range= 1.98-1487.19] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=234.435 /-] [StdDev=160.898 /-]
Literal question	Sampling weight

#10 V09: Holder Age

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=23764 /-] [Invalid=19 /-] [Mean=41.732 /-] [StdDev=15.251 /-]
Literal question	Holder Age

#11 V10: Holder Sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-]
Literal question	Holder Sex

Value	Label	Cases	Percentage
1	Male	19423	81.7%
2	Female	4360	18.3%

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.

#12 V11: Education (Highest Grade)

Information	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-]
Literal question	Education (Highest Grade)

Value	Label	Cases	Percentage
0		1	0.0%
1	Illiterate	15032	63.2%
2	Informal Education	1208	5.1%
3	Grade 1 completed	462	1.9%
4	Grade 2 completed	935	3.9%
5	Grade 3 completed	1144	4.8%
6	Grade 4 completed	1062	4.5%
7	Grade 5 completed	978	4.1%
8	Grade 6 completed	936	3.9%
9	Grade 7 completed	660	2.8%
10	Grade 8 completed	501	2.1%
11	Grade 9 completed	200	0.8%

File Holder Information

#12 V11: Education (Highest Grade)

Value	Label	Cases	Percentage
12	Grade 10 completed	112	0.5%
13	Grade 11 completed	13	0.1%
14	Grade 12 completed	145	0.6%
15	Above Grade 12	48	0.2%
16		51	0.2%
17		200	0.8%
18		28	0.1%
19		45	0.2%
20		5	0.0%
21		4	0.0%
22		9	0.0%
99		4	0.0%

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

#13 V12: Household Size

Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=5.335 /-] [StdDev=2.522 /-]
Literal question	Household Size

#14 V13: Holding type

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-]
Literal question	Holding type

Value	Label	Cases	Percentage
1	Crop only	1991	8.4%
2	Livestock only	1076	4.5%
3	Both	20716	87.1%

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.

#15 HRATIO: Holder Ratio

Information	[Type= continuous] [Format=numeric] [Range= 0.0089279-0.5743084] [Missing=*]
Statistics [NW/ W]	[Valid=23783 /-] [Invalid=0 /-] [Mean=0.066 /-] [StdDev=0.092 /-]
Literal question	Holder Ratio

File Household Information

#1 REG: Region

Information	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-]
Literal question	Region

Value	Label	Cases	Percentage
1	Tigray	349	1.5%
2	Afar	392	1.7%
3	Amhara	2305	10.0%
4	Oromia	6235	26.9%

File Household Information

#1 REG: Region

Value	Label	Cases	Percentage
5	Somale	595	2.6%
6	Benshangul Gumuz	542	2.3%
7	S.N.N.P	10096	43.6%
12	Gambella	1458	6.3%
13	Harari	448	1.9%
14	Addis Ababa	0	0.0%
15	Dire Dawa	718	3.1%

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= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=7.327 /-] [StdDev=5.105 /-]
Literal question	Zone

Value	Label	Cases	Percentage
1		2626	11.3%
2		1822	7.9%
3		2143	9.3%
4		2284	9.9%
5		1630	7.0%
6		1302	5.6%
7		825	3.6%
8		1084	4.7%
9		2140	9.2%
10		1840	8.0%
11		1604	6.9%
12		665	2.9%
13		248	1.1%
14		402	1.7%
15		139	0.6%
16		148	0.6%
17		909	3.9%
18		641	2.8%
19		150	0.6%
20		388	1.7%
21		148	0.6%

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.

#3 DIST: District

Information	[Type= continuous] [Format=numeric] [Range= 1-23] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=5.724 /-] [StdDev=4.667 /-]
Literal question	District

#4 FA: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*]

File Household Information

#4 FA: Farmers Association

Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=15.506 /-] [StdDev=28.967 /-]
Literal question	Farmers Association

#5 EA: Enumeration Area

Information	[Type= discrete] [Format=numeric] [Range= 1-13] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=2.838 /-] [StdDev=1.91 /-]
Literal question	Enumeration Area

Value	Label	Cases	Percentage
1		7163	31.0%
2		5189	22.4%
3		3850	16.6%
4		2721	11.8%
5		1856	8.0%
6		1113	4.8%
7		746	3.2%
8		203	0.9%
9		189	0.8%
10		60	0.3%
12		30	0.1%
13		18	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= 1-342] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=84.615 /-] [StdDev=54.614 /-]
Literal question	Household Id

#7 HHSEX: Head sex

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-]
Literal question	Head sex

Value	Label	Cases	Percentage
1	Male	18790	81.2%
2	Female	4348	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 PWEIGHT: Sampling Weight

Information	[Type= continuous] [Format=numeric] [Range= 1.98-1487.19] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=234.831 /-] [StdDev=161.036 /-]
Literal question	Sampling Weight

#9 HHSIZE: Household Size

Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=5.306 /-] [StdDev=2.499 /-]
Literal question	Household Size

File Household Information

#10 PRATIO: Ratio

Information	[Type= continuous] [Format=numeric] [Range= 0.0089279-0.5743084] [Missing=*]
Statistics [NW/ W]	[Valid=23138 /-] [Invalid=0 /-] [Mean=0.0659 /-] [StdDev=0.0918 /-]
Literal question	Ratio

Documentation

Reports and analytical documents

Report on Agricultural Sample Survey Belg 2009-2010 (2002 E.C), Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Report\Report on Belg 2002 E.C.pdf"

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Questionnaires

Agricultural Sample Survey Belg2009-2010 (2002 E.C) - Questionnaire, Central Statistical Agency, February 2011, Ethiopia [eth], English [eng], "Doc\Questionnaires\Belg Condition2002 Private(8).pdf"

Technical documents

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

Tables - Agricultural Sample Survey Belg 2009-2010 (2002 E.C), Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\table\Belg 2002 tableff.pdf"