

**Ethiopia**

**Central Statistical Agency, Ministry of Finance and Economic Development**

**Agricultural Sample Survey, Belg  
Season 2004-2005 (1997 E.C)**

**Study Documentation**

December 28, 2010

# Metadata Production

<b>Metadata Producer(s)</b>	Central Statistical Agency (CSA) , Ministry of Finance and Economic Development , Production and documentation of the study International Household Survey Network (IHSN) , Review of the metadata
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## Ethiopia (2004) Agricultural Sample Survey, Belg Season 2004-2005 (1997 E.C) (AgSS-Belg 2004-2005)

Overview	
Type	Agricultural Survey [ag/oth]
Identification	ETH-CSA-AgSS-Belg-2004-v1.1
Version	Version 1.1: Edited and non anonymized dataset, for internal use only.
<p><b>Abstract</b></p> <p>As it is true in most developing countries, in Ethiopia agriculture is the dominant sector of the economy. As a result of this, Ethiopian agriculture contributes the lion share of the Gross Domestic Product (GDP) and foreign currency earnings of the country from the sell of agricultural outputs abroad as well as it creates employment opportunity to the majority of the country's population. Hence, agriculture is the major sector expected to play a dominant role to bring about an overall sustainable economic growth to the country, if strenuous efforts are made to modernize the farm activity of the sector as a whole.</p> <p>Among the number of efforts that should be made by the concerned stakeholders to meet the desired goal mentioned above, the availability of reliable, comprehensive and timely statistical information on the overall performance of the sector is considered essential for use as a primary input to the planning, monitoring and evaluation of agricultural development.</p> <p>In order to minimize the existing data gap, therefore, for the past three decades, the Central Statistical Agency (CSA) has been conducting the agricultural sample survey under which four integrated sample surveys designed for the collection of agricultural information on the performances of the sector were launched all over the country on annual basis. Hence, through conducting these surveys, CSA has been disseminating the results obtained from these surveys to ultimate users annually. The 2004-2005 (1997 E.C) Belg Season Crop Production Sample Survey is among the four integrated sample surveys launched on annual basis under the umbrella of the agricultural sample survey all over the country.</p> <p>The objectives of the 2004-2005 (1997 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:-</p> <ul style="list-style-type: none"> <li>- Cropland area, production and yield of major Belg season crops, and</li> <li>- 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 under improved seed, pesticide treated cropland area ... etc.</li> </ul> <p>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 programs.</p>	
Kind of Data	Sample survey data [ssd]
Unit of Analysis	Agricultural household/ Holder/ Crop

### Scope & Coverage

#### Scope

The scope of annual Agricultural Sample Survey, Belg Season includes:

- Area identification and characteristics of agricultural holder's. This included household's geographic locations, holder's age, holder's sex, educational status, and type of holding.
- Area under temporary crops and agricultural practices and area measurement result

**Geographic Coverage**

The 2004-2005 (1997 E.C) annual Agricultural Sample Survey (Belg Season) covered the entire rural parts of the country except three zones of Afar regional state and six zones of Somali regional state where its inhabitants are predominantly pastoralists. Accordingly the survey took into account of all parts of Harari, Addis Ababa and Dire Dawa, and 58 additional Zones / Special Weredas (that are treated as zones) of other regions. Besides, the survey could not also be accomplished in all the zones of Gambella region.

**Universe**

Agricultural households

**Producers & Sponsors**

<b>Primary Investigator(s)</b>	Central Statistical Agency, Ministry of Finance and Economic Development
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<b>Funding Agency/ies</b>	Government of Ethiopia (GoE)
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**Sampling****Sampling Procedure****Sample Design**

A stratified two-stage cluster sample design was used to select the sample. Enumeration areas (EA's) were taken to be the primary sampling units (PSU's) and the secondary sampling units (SSU's) were agricultural households. Sample enumeration areas from each stratum were sub-samples of the 2001/2 (1994 E.C) Ethiopian Agricultural Sample Enumeration. They were selected using probability proportional to size systematic sampling; size being number of agricultural households obtained from the 1994 Population & Housing Census and adjusted for the sub-sampling effect. Within each sample EA a fresh list of households was prepared and 25 agricultural households from each sample EA were systematically selected at the second stage. The survey questionnaire was finally administered for those 25 agricultural households selected at the second stage. Information on area under crops, Belg season production of crops, agricultural practices, crop damage, and quantity of agricultural inputs used were obtained from the 25 households that were ultimately selected.

The sample size for the (2004/5) agricultural sample survey was determined by taking in to account of both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors manageability of the survey in terms of quality and operational control was also in addition considered.

Except Harari, Addis Ababa and Dire Dawa, where the region as a whole were taken to be the domain of estimation, each zone of a region / special wereda that is considered to be a zone by itself was adopted as a stratum for which major findings of the survey are computed. However, by aggregating the results obtained from each zone the final report is provided only at regional & country level.

Remark: As of the 2001/2 Ethiopian Agricultural Sample Enumeration, Addis Ababa City Administration had a total of 35 enumeration areas. However, during the 2004 Urban Economic Establishments Census it was found that some of the rural enumeration areas (EAs) were to be part of the urban areas of the city. Consequently only 24 enumeration areas were left as the rural EAs of the City Administration. Therefore, the 2004/5 (1997 E.C) annual Agricultural Sample Survey (Belg Season) covered all the 24 EAs with certainty. Hence, there could be great variation among estimates of area & crop production of the 2004/5 (1997 E.C) and that of the previous years.

**Response Rate**

Initially, a total of 2,016 enumeration areas were selected to be covered by the survey, and the survey was successfully carried out in all sampled (100 %) EA's. As regard to the ultimate sampling unit, it was planned to conduct the survey on 50,400 agricultural households and 50,131 (99.47 %) households were actually covered by the Belg season Agricultural Sample Survey.

<b>Data Collection</b>	
<b>Data Collection Dates</b>	start 2004-06-23 end 2004-07-07
<b>Data Collection Mode</b>	Face-to-face [f2f]
<p><b>Data Collection Notes</b></p> <p>Field Organization: The Central Statistical Authority (CSA) branch statistical office heads, field supervisors and enumerators, other supporting staff and drivers were all involved in the field operation activities of the 2004/05 (1997 E.C.) Belg season Crop Production Sample survey. To accomplish the data collection activities, all field enumerators were equipped with the necessary survey equipment (i.e. compass, programmable calculator, protractor, ruler, measuring tape, balance scale, iron peg, ropes, sample bags...etc) at the completion of training. To assist with the fieldwork and data collection activities all available four wheel drive vehicles were used for supervision and collection of completed questionnaires.</p> <p>Training of Field Staff: The field staff-training program was carried out in two stages. The first stage consisted of trainees from the head office, branch statistical office heads statisticians and some of the field supervisors have been given training for one week at CSA's headquarters in Addis Ababa. Many of those trained in the first stage conducted similar training for field supervisors and enumerators for 10 days in CSA's 24 branch statistical offices, which are distributed all over the country. During the second stage training, the field staff were given detailed classroom instruction on the objectives and uses of the Agricultural Sample Survey (AgSS) concepts, and definitions of terms used, the method of area measurement, method of crop cutting, as well as correct interviewing procedures, ... etc. The enumerators' and supervisors' training also included a field practice to reinforce the concepts discussed in the classroom with regard to field measurement and crop cutting data collection.</p> <p>Methods of Data Collection: 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.</p> <p><b>Questionnaires</b> The 2004-2005 annual Agricultural Sample Survey used structured questionnaires to collect agricultural information from selected sample households. List of forms in the questionnaire: - CPSS Form 1997/8A: It contains form for listing holder information and crop productivity compared to last year. - CPSS Form 1997/8B: It contains forms for crop productivity compared to last year.</p> <p>Note: The questionnaire is presented in the 2004-2005 Agricultural Sample Survey, Area and Production of Belg Season Crops Volume V report.</p>	
<b>Data Collector(s)</b>	Central Statistical Agency of Ethiopia (CSA) , Ministry of Finance and Economic Development

## **Data Processing & Appraisal**

### **Data Editing**

#### a) Editing, Coding and Verification

To insure the quality of the collected survey data an editing, coding, and verification instruction manual was written, and seventeen 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 data entry of all questionnaires was completed in thirty-one days.

#### b) Data Entry, Cleaning and Tabulation

Before starting data entry computer edit specifications were prepared for use on personal computers, utilizing the Integrated Microcomputer Processing System (IMPS) Software for data consistency checking purposes.

The data on the coded questionnaires were then entered into the IMPS software on personal computers. The data was then checked and cleaned using the computer edit specifications prepared earlier for this purpose. Fifty-six data encoders were involved in this total process and it took fourteen 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 for totals & ratios and their sampling errors are given in Appendix I and estimates of standard errors and Coefficient of Variations for selected estimates are also presented in Appendix II of the report.

### **Accessibility**

<b>Access Authority</b>	Central Statistical Agency of Ethiopia (Ministry of Finance and Economic Development) , <a href="http://www.csa.gov.et">http://www.csa.gov.et</a> , <a href="mailto:csa@csa.gov.et">csa@csa.gov.et</a>
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<b>Contact(s)</b>	Data Administrator (Central Statistical Agency) , <a href="http://www.csa.gov.et">http://www.csa.gov.et</a> , <a href="mailto:data@csa.gov.et">data@csa.gov.et</a>
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#### **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 ([www.csa.gov.et](http://www.csa.gov.et) <<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](http://www.csa.gov.et) <<http://www.csa.gov.et>>).

**Citation Requirements**

The following statement must be used as citation:

"Central Statistical Agency of Ethiopia (CSA). Agricultural Sample Survey, Belg Season (AgSS-Belg 2004)"

**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) 2004, Central Statistical Agency of Ethiopia

# Files Description

Dataset contains 2 file(s)

<b>holder97b</b>	
<b># Cases</b>	54562
<b># Variable(s)</b>	18
<b>Producer</b> Central Statistical Agency	

<b>field97b</b>	
<b># Cases</b>	80789
<b># Variable(s)</b>	45
<b>Producer</b> Central Statistical Agency	

# Variables List

Dataset contains 63 variable(s)

File holder97b							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">case\$Id</a>	-	discrete	character-20	54562	0	-
2	<a href="#">reg</a>	Region	continuous	numeric-2.0	54562	0	Region
3	<a href="#">zone</a>	Zone	discrete	numeric-2.0	54562	0	Zone
4	<a href="#">dist</a>	District(Wereda)	discrete	numeric-2.0	54562	0	District(Wereda)
5	<a href="#">fa</a>	Farmers associations	discrete	numeric-3.0	54562	0	Farmers associations
6	<a href="#">ea</a>	Enumeration area	discrete	numeric-2.0	54562	0	Enumeration area
7	<a href="#">hh</a>	Householde ID	discrete	numeric-3.0	54562	0	Householde ID
8	<a href="#">hhsex</a>	Head's Sex	continuous	numeric-1.0	54562	0	Head's Sexl
9	<a href="#">hid</a>	Holders ID	continuous	numeric-1.0	54562	0	Holders ID
10	<a href="#">parcel</a>	Parcel	continuous	numeric-2.0	0	54562	Parcel
11	<a href="#">fld</a>	Field	continuous	numeric-2.0	0	54562	Field
12	<a href="#">hweight</a>	Holder Weight	continuous	numeric-7.2	54562	0	Holder Weight
13	<a href="#">v09</a>	Age	continuous	numeric-2.0	54562	0	Age
14	<a href="#">v10</a>	Sex	continuous	numeric-1.0	54562	0	Sex
15	<a href="#">v11</a>	Education (Highest Grade)	continuous	numeric-2.0	54562	0	Education (Highest Grade)
16	<a href="#">v12</a>	Household Size	continuous	numeric-2.0	54557	5	Household Size
17	<a href="#">v13</a>	Type	continuous	numeric-1.0	54560	2	Type
18	<a href="#">hratio</a>	Holder Ratio	continuous	numeric-9.7	54562	0	Holder Ratio

File field97b							
#	Name	Label	Type	Format	Valid	Invalid	Question
1	<a href="#">case\$Id</a>	-	discrete	character-20	80789	0	-
2	<a href="#">reg</a>	Region	continuous	numeric-2.0	80789	0	Region
3	<a href="#">zone</a>	Zone	discrete	numeric-2.0	80789	0	Zone
4	<a href="#">dist</a>	District(Wereda)	discrete	numeric-2.0	80789	0	District(Wereda)
5	<a href="#">fa</a>	Farmers associations	discrete	numeric-3.0	80789	0	Farmers associations
6	<a href="#">ea</a>	Enumeration area	discrete	numeric-2.0	80789	0	Enumeration area
7	<a href="#">hh</a>	Householde ID	discrete	numeric-3.0	80789	0	Householde ID
8	<a href="#">hhsex</a>	Head's Sexl	discrete	numeric-1.0	80789	0	Head's Sexl
9	<a href="#">hid</a>	Holders ID	continuous	numeric-1.0	80789	0	Holders ID
10	<a href="#">parcel</a>	Parcel	continuous	numeric-2.0	80789	0	Parcel
11	<a href="#">fld</a>	Field	continuous	numeric-2.0	80789	0	Field
12	<a href="#">fweight</a>	Field Weight	continuous	numeric-7.2	80789	0	Field Weight
13	<a href="#">part</a>	Field Part	discrete	numeric-1.0	80789	0	Field Part
14	<a href="#">crop</a>	Crop or Land Use	discrete	numeric-3.0	80789	0	Crop or Land Use
15	<a href="#">owntype</a>	Owner Type	discrete	numeric-1.0	80789	0	Owner Type

File field97b							
#	Name	Label	Type	Format	Valid	Invalid	Question
16	<a href="#">ext</a>	Extension	discrete	numeric-1.0	80789	0	Extension
17	<a href="#">trees</a>	Number of Trees	continuous	numeric-7.0	0	80789	Number of Trees
18	<a href="#">treesba</a>	Number of Trees of Bearing Age	continuous	numeric-7.0	0	80789	Number of Trees of Bearing Age
19	<a href="#">irrg</a>	Irrigation Used	discrete	numeric-1.0	80789	0	Irrigation Used
20	<a href="#">seedtype</a>	Seed Type	discrete	numeric-1.0	80789	0	Seed Type
21	<a href="#">wtniseed</a>	Weight of Non-improved Seed	continuous	numeric-8.3	79663	1126	Weight of Non-improved Seed
22	<a href="#">wtimseed</a>	Weight of Improved Seed	continuous	numeric-8.3	1126	79663	Weight of Improved Seed
23	<a href="#">costimps</a>	Improved Seed Cost	continuous	numeric-9.2	598	80191	Improved Seed Cost
24	<a href="#">damage</a>	Any Damage	discrete	numeric-1.0	80789	0	Any Damage
25	<a href="#">dreason</a>	Damage Reason	discrete	numeric-2.0	18496	62293	Damage Reason
26	<a href="#">dpercent</a>	Damage Percent	continuous	numeric-3.0	18496	62293	Damage Percent
27	<a href="#">dmeasure</a>	Any Measure to Prevent Damage	discrete	numeric-1.0	80789	0	Any Measure to Prevent Damage
28	<a href="#">dmtype</a>	Type of Damage Prevention	discrete	numeric-1.0	73077	7712	Type of Damage Prevention
29	<a href="#">dmchem</a>	Chemical Used	discrete	numeric-1.0	448	80341	Chemical Used
30	<a href="#">fert</a>	Fertilizer Used	discrete	numeric-1.0	80789	0	Fertilizer Used
31	<a href="#">ferttype</a>	Fertilizer Type	discrete	numeric-1.0	34652	46137	Fertilizer Type
32	<a href="#">d21a</a>	Chemical Fertilizer Type	discrete	numeric-1.0	6103	74686	Chemical Fertilizer Type
33	<a href="#">d21b</a>	Chemical Fertilizer Amount	continuous	numeric-8.3	5941	74848	Chemical Fertilizer Amount
34	<a href="#">d22</a>	Natural Fertilizer Type	discrete	numeric-1.0	29547	51242	Natural Fertilizer Type
35	<a href="#">apercent</a>	Percent of Field in Use	continuous	numeric-3.0	80651	138	Percent of Field in Use
36	<a href="#">aday</a>	Area Measure - Day	continuous	numeric-2.0	80789	0	Area Measure - Day
37	<a href="#">amonth</a>	Area Measure - Month	discrete	numeric-2.0	80789	0	Area Measure - Month
38	<a href="#">anotmeas</a>	Reason for Not Measuring Area	discrete	numeric-1.0	37	80752	Reason for Not Measuring Area
39	<a href="#">enumarea</a>	Enumerator Area (sq. m.)	continuous	numeric-8.2	78705	2084	Enumerator Area (sq. m.)
40	<a href="#">comparea</a>	Computer Area (sq. m.)	continuous	numeric-8.2	77962	2827	Computer Area (sq. m.)
41	<a href="#">areb</a>	area	discrete	character-7	80782	0	area
42	<a href="#">plunit</a>	Production local unit	discrete	numeric-2.0	80789	0	Production local unit
43	<a href="#">plocal</a>	Production in local unit	continuous	numeric-7.2	71930	8859	Production in local unit
44	<a href="#">product</a>	production	continuous	numeric-9.0	66589	14200	production
45	<a href="#">prodq</a>	production	continuous	numeric-10.2	63827	16962	production

# Variables Description

Dataset contains 63 variable(s)

File holder97b			
#1 case\$id			
Information	[Type= discrete] [Format=character] [Missing=*/\$Ã~\$â€šâ]		
Statistics [NW/ W]	[Valid=54562 /-] [Invalid=0 /-]		
#2 reg: Region			
Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]		
Statistics [NW/ W]	[Valid=54562 /-] [Invalid=0 /-]		
Literal question	Region		
Value	Label	Cases	Percentage
1	Tigray	4335	7.9%
2	Afar	1463	2.7%
3	Amhara	10536	19.3%
4	Oromia	14788	27.1%
5	Somale	2185	4.0%
6	Benshangul Gumuz	2207	4.0%
7	S.N.N.P.	17071	31.3%
12	Gambella	0	0.0%
13	Harari	611	1.1%
14	Addis Ababa	735	1.3%
15	Dira Dawa	631	1.2%
<i>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.</i>			
#3 zone: Zone			
Information	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]		
Statistics [NW/ W]	[Valid=54562 /-] [Invalid=0 /-]		
Literal question	Zone		
Value	Label	Cases	Percentage
1		6479	11.9%
2		5399	9.9%
3		5893	10.8%
4		5341	9.8%
5		3842	7.0%
6		3400	6.2%
7		3245	5.9%
8		2943	5.4%
9		3486	6.4%
10		2976	5.5%
11		1877	3.4%
12		1599	2.9%
13		1665	3.1%
14		1611	3.0%
15		632	1.2%

**File holder97b****#3 zone: Zone**

Value	Label	Cases	Percentage
16		625	1.1%
17		854	1.6%
18		633	1.2%
19		633	1.2%
20		789	1.4%
21		640	1.2%

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

**#4 dist: District(Wereda)**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-35] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-]
<b>Literal question</b>	District(Wereda)

Value	Label	Cases	Percentage
1		10274	18.8%
2		5749	10.5%
3		5590	10.2%
4		4793	8.8%
5		4592	8.4%
6		3916	7.2%
7		2476	4.5%
8		1929	3.5%
9		2273	4.2%
10		2069	3.8%
11		1162	2.1%
12		1493	2.7%
13		1332	2.4%
14		884	1.6%
15		867	1.6%
16		626	1.1%
17		870	1.6%
18		412	0.8%
19		435	0.8%
20		319	0.6%
21		229	0.4%
22		472	0.9%
23		321	0.6%
24		326	0.6%
25		339	0.6%
26		254	0.5%
27		59	0.1%
28		276	0.5%
31		101	0.2%
35		124	0.2%

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

**File holder97b****#5 fa: Farmers associations**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-126] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-]
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<b>Literal question</b>	Farmers associations
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*Frequency table not shown (108 Modalities)*

**#6 ea: Enumeration area**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-12] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-]
---------------------------	---------------------------------

<b>Literal question</b>	Enumeration area
-------------------------	------------------

Value	Label	Cases	Percentage
1		26617	48.8%
2		14972	27.4%
3		7181	13.2%
4		3029	5.6%
5		1409	2.6%
6		846	1.6%
7		264	0.5%
8		105	0.2%
9		51	0.1%
10		33	0.1%
11		30	0.1%
12		25	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.*

**#7 hh: Householde ID**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-999] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-]
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<b>Literal question</b>	Householde ID
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*Frequency table not shown (655 Modalities)*

**#8 hhsex: Head's Sex**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-]
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<b>Literal question</b>	Head's Sexl
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Value	Label	Cases	Percentage
1	Male	43130	79.0%
2	Female	11432	21.0%

*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 hid: Holders ID**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
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<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-] [Mean=1.071 /-] [StdDev=0.313 /-]
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<b>Literal question</b>	Holders ID
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<b>File holder97b</b>			
<b>#10 parcel: Parcel</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=0 /-] [Invalid=54562 /-]		
<b>Literal question</b>	Parcel		
<b>#11 fld: Field</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=0 /-] [Invalid=54562 /-]		
<b>Literal question</b>	Field		
<b>#12 hweight: Holder Weight</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 2.76-683.23] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-] [Mean=212.095 /-] [StdDev=142.136 /-]		
<b>Literal question</b>	Holder Weight		
<b>#13 v09: Age</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-] [Mean=42.308 /-] [StdDev=15.97 /-]		
<b>Literal question</b>	Age		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
99	Not stated	32	100.0%
<i>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.</i>			
<b>#14 v10: Sex</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-4] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-]		
<b>Literal question</b>	Sex		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Male	43063	78.9%
2	Female	11496	21.1%
<i>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.</i>			
<b>#15 v11: Education (Highest Grade)</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-70] [Missing=*/99]		
<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-]		
<b>Literal question</b>	Education (Highest Grade)		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Illiterate	38622	70.8%
2	No formal Education	3676	6.7%
3	Grade 1 completed	1102	2.0%
4	Grade 2 completed	1881	3.4%
5	Grade 3 completed	1970	3.6%
6	Grade 4 completed	1823	3.3%
7	Grade 5 completed	1482	2.7%
8	Grade 6 completed	1538	2.8%
9	Grade 7 completed	845	1.5%



**File holder97b****#15 v11: Education (Highest Grade)**

Value	Label	Cases	Percentage
10	Grade 8 completed	740	1.4%
11	Grade 9 completed	280	0.5%
12	Grade 10 completed	182	0.3%
13	Grade 11 completed	34	0.1%
14	Grade 12 completed	284	0.5%
15	Above Grade 12	99	0.2%

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

**#16 v12: Household Size**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-73] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=54557 /-] [Invalid=5 /-] [Mean=5.198 /-] [StdDev=2.351 /-]
<b>Literal question</b>	Household Size

**#17 v13: Type**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-6] [Missing=*/9]
<b>Statistics [NW/ W]</b>	[Valid=54560 /-] [Invalid=2 /-]
<b>Literal question</b>	Type

Value	Label	Cases	Percentage
1	Crop only	5776	10.6%
2	Livestock only	3735	6.8%
3	Both Crop and livestock	45048	82.6%

*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.*

**#18 hratio: Holder Ratio**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0.0063648-1] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=54562 /-] [Invalid=0 /-] [Mean=0.124 /-] [StdDev=0.194 /-]
<b>Literal question</b>	Holder Ratio

**File field97b****#1 case\$id**

<b>Information</b>	[Type= discrete] [Format=character] [Missing=*"À©Qâ€šâ"]
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]

**#2 reg: Region**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]
<b>Literal question</b>	Region

Value	Label	Cases	Percentage
1	Tigray	1014	1.3%
2	Afar	155	0.2%
3	Amhara	6789	8.4%
4	Oromia	16303	20.2%
5	Somale	1134	1.4%
6	Benshangul Gumuz	495	0.6%

**File field97b****#2 reg: Region**

Value	Label	Cases	Percentage
7	S.N.N.P.	54246	67.1%
12	Gambella	0	0.0%
13	Harari	314	0.4%
14	Addis Ababa	9	0.0%
15	Dira Dawa	330	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 zone: Zone**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]
<b>Literal question</b>	Zone

Value	Label	Cases	Percentage
1		3789	4.7%
2		4552	5.6%
3		6824	8.4%
4		6484	8.0%
5		3677	4.6%
6		4621	5.7%
7		4485	5.6%
8		3187	3.9%
9		4461	5.5%
10		6582	8.1%
11		3320	4.1%
12		3663	4.5%
13		2480	3.1%
14		4896	6.1%
15		3553	4.4%
16		3324	4.1%
17		1618	2.0%
18		5463	6.8%
19		1560	1.9%
20		1466	1.8%
21		784	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.

**#4 dist: District(Wereda)**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-35] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]
<b>Literal question</b>	District(Wereda)

Value	Label	Cases	Percentage
1		27604	34.2%
2		8255	10.2%
3		7845	9.7%
4		5359	6.6%

**File field97b****#4 dist: District(Wereda)**

Value	Label	Cases	Percentage
5		5288	6.5%
6		3848	4.8%
7		3131	3.9%
8		2001	2.5%
9		2805	3.5%
10		3111	3.9%
11		1837	2.3%
12		1666	2.1%
13		1613	2.0%
14		963	1.2%
15		689	0.9%
16		563	0.7%
17		978	1.2%
18		849	1.1%
19		369	0.5%
20		447	0.6%
21		144	0.2%
22		192	0.2%
23		297	0.4%
24		160	0.2%
25		623	0.8%
26		4	0.0%
28		67	0.1%
31		13	0.0%
35		68	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.

**#5 fa: Farmers associations**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-126] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]
<b>Literal question</b>	Farmers associations

*Frequency table not shown (103 Modalities)*

**#6 ea: Enumeration area**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-11] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]
<b>Literal question</b>	Enumeration area

Value	Label	Cases	Percentage
1		35653	44.1%
2		24630	30.5%
3		10778	13.3%
4		5322	6.6%
5		2748	3.4%
6		943	1.2%

<b>File field97b</b>			
<b>#6 ea: Enumeration area</b>			
Value	Label	Cases	Percentage
7		323	0.4%
8		142	0.2%
9		67	0.1%
10		179	0.2%
11		4	0.0%
<i>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.</i>			
<b>#7 hh: Householde ID</b>			
Information	[Type= discrete] [Format=numeric] [Range= 1-982] [Missing=*]		
Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-]		
Literal question	Householde ID		
<i>Frequency table not shown (576 Modalities)</i>			
<b>#8 hhsex: Head's SexI</b>			
Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-]		
Literal question	Head's SexI		
Value	Label	Cases	Percentage
1	Male	67768	83.9%
2	Female	13021	16.1%
<i>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.</i>			
<b>#9 hid: Holders ID</b>			
Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]		
Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-] [Mean=1.015 /-] [StdDev=0.14 /-]		
Literal question	Holders ID		
<b>#10 parcel: Parcel</b>			
Information	[Type= continuous] [Format=numeric] [Range= 0-82] [Missing=*]		
Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-] [Mean=1.333 /-] [StdDev=0.94 /-]		
Literal question	Parcel		
<b>#11 fld: Field</b>			
Information	[Type= continuous] [Format=numeric] [Range= 0-71] [Missing=*]		
Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-] [Mean=1.894 /-] [StdDev=1.617 /-]		
Literal question	Field		
<b>#12 fweight: Field Weight</b>			
Information	[Type= continuous] [Format=numeric] [Range= 6.92-683.23] [Missing=*]		
Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-] [Mean=188.283 /-] [StdDev=143.605 /-]		
Literal question	Field Weight		
<b>#13 part: Field Part</b>			
Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]		
Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-]		

**File field97b****#13 part: Field Part**

Literal question	Field Part
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Value	Label	Cases	Percentage
1		56133	69.5%
2		18342	22.7%
3		6314	7.8%

*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.*

**#14 crop: Crop or Land Use**

Information	[Type= discrete] [Format=numeric] [Range= 1-123] [Missing=*]
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Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-]
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Literal question	Crop or Land Use
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*Frequency table not shown (96 Modalities)*

**#15 owntype: Owner Type**

Information	[Type= discrete] [Format=numeric] [Range= 1-3] [Missing=*]
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Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-]
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Literal question	Owner Type
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Value	Label	Cases	Percentage
1	Private	75743	93.8%
2	Rent/leased	2917	3.6%
3	Other	2129	2.6%

*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.*

**#16 ext: Extension**

Information	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]
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Statistics [NW/ W]	[Valid=80789 /-] [Invalid=0 /-]
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Literal question	Extension
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Value	Label	Cases	Percentage
1	Yes	3365	4.2%
2	No	77424	95.8%

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

**#17 trees: Number of Trees**

Information	[Type= continuous] [Format=numeric] [Range= 0-99999] [Missing=*]
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Statistics [NW/ W]	[Valid=0 /-] [Invalid=80789 /-]
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Literal question	Number of Trees
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Value	Label	Cases	Percentage
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.*

**#18 treesba: Number of Trees of Bearing Age**

Information	[Type= continuous] [Format=numeric] [Range= 0-99999] [Missing=*]
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Statistics [NW/ W]	[Valid=0 /-] [Invalid=80789 /-]
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Literal question	Number of Trees of Bearing Age
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**File field97b****#18 treesba: Number of Trees of Bearing Age**

Value	Label	Cases	Percentage
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.*

**#19 irrg: Irrigation Used**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]		
<b>Literal question</b>	Irrigation Used		
Value	Label	Cases	Percentage
1	Yes	4829	6.0%
2	No	75960	94.0%

*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.*

**#20 seedtype: Seed Type**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]		
<b>Literal question</b>	Seed Type		
Value	Label	Cases	Percentage
1	Improved	1126	1.4%
2	Non-improved	79663	98.6%

*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.*

**#21 wtnised: Weight of Non-improved Seed**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-9999.999] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=79663 /-] [Invalid=1126 /-]		
<b>Literal question</b>	Weight of Non-improved Seed		
Value	Label	Cases	Percentage
9999.999	Not stated	24926	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.*

**#22 wtimseed: Weight of Improved Seed**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0.02-9999.999] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=1126 /-] [Invalid=79663 /-]		
<b>Literal question</b>	Weight of Improved Seed		
Value	Label	Cases	Percentage
9999.999	Not stated	419	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.*

**#23 costimps: Improved Seed Cost**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0.36-99999.99] [Missing=*/99999.99]		
<b>Statistics [NW/ W]</b>	[Valid=598 /-] [Invalid=80191 /-] [Mean=20.316 /-] [StdDev=26.425 /-]		
<b>Literal question</b>	Improved Seed Cost		
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.*

<b>File field97b</b>			
<b>#24 damage: Any Damage</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]		
<b>Literal question</b>	Any Damage		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Yes	18496	22.9%
2	No	62293	77.1%
<i>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.</i>			
<b>#25 dreason: Damage Reason</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=18496 /-] [Invalid=62293 /-]		
<b>Literal question</b>	Damage Reason		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
1	Too much rain	919	5.0%
2	Too little rain	107	0.6%
3	Insects	1385	7.5%
4	Crop disease	15	0.1%
5	Weeds	1551	8.4%
6	Hail	6654	36.0%
7	Frost	3117	16.9%
8	Floods	1031	5.6%
9	Wild animals	98	0.5%
10	Locust	435	2.4%
11	Birds	1210	6.5%
12	Shortage of seeds	44	0.2%
13	Depletion of soil fertility	902	4.9%
14	Security problems	0	0.0%
15	Other	1028	5.6%
Sysmiss		62293	
<i>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.</i>			
<b>#26 dpercent: Damage Percent</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=18496 /-] [Invalid=62293 /-] [Mean=45.331 /-] [StdDev=69.741 /-]		
<b>Literal question</b>	Damage Percent		
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
999	Not Stated	88	100.0%
<i>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.</i>			
<b>#27 dmeasure: Any Measure to Prevent Damage</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-2] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]		
<b>Literal question</b>	Any Measure to Prevent Damage		

**File field97b****#27 dmeasure: Any Measure to Prevent Damage**

Value	Label	Cases	Percentage
1	Yes	73077	90.5%
2	No	7712	9.5%

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.

**#28 dmtype: Type of Damage Prevention**

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

Statistics [NW/ W] [Valid=73077 /-] [Invalid=7712 /-]

Literal question Type of Damage Prevention

Value	Label	Cases	Percentage
1	Chemical	448	0.6%
2	Non-chemical	72104	98.7%
3	Both	525	0.7%
Sysmiss		7712	

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 dmchem: Chemical Used**

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

Statistics [NW/ W] [Valid=448 /-] [Invalid=80341 /-]

Literal question Chemical Used

Value	Label	Cases	Percentage
1	Insecticide	72	16.1%
2	Herbicide	261	58.3%
3	Fungicide	11	2.5%
4	Insecticide & Herbicide	0	0.0%
5	Insecticide & Fungicide	0	0.0%
6	Herbicide & Fungicide	0	0.0%
7	All	0	0.0%
9	Not stated	104	23.2%
Sysmiss		80341	

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 fert: Fertilizer Used**

Information [Type= discrete] [Format=numeric] [Range= 1-2] [Missing=\*]

Statistics [NW/ W] [Valid=80789 /-] [Invalid=0 /-]

Literal question Fertilizer Used

Value	Label	Cases	Percentage
1	Yes	34652	42.9%
2	No	46137	57.1%

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.

**#31 ferttype: Fertilizer Type**

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

Statistics [NW/ W] [Valid=34652 /-] [Invalid=46137 /-]

Literal question Fertilizer Type



**File field97b****#31 ferttype: Fertilizer Type**

Value	Label	Cases	Percentage
1	Natural	28549	82.4%
2	Chemical	5105	14.7%
3	Both	998	2.9%
Sysmiss		46137	

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 d21a: Chemical Fertilizer Type**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=6103 /-] [Invalid=74686 /-]
<b>Literal question</b>	Chemical Fertilizer Type

Value	Label	Cases	Percentage
1	Urea	455	7.5%
2	DAP	4447	72.9%
3	Both	1056	17.3%
9	Not stated	145	2.4%
Sysmiss		74686	

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 d21b: Chemical Fertilizer Amount**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0.02-9999.999] [Missing=*/9999.999]
<b>Statistics [NW/ W]</b>	[Valid=5941 /-] [Invalid=74848 /-] [Mean=8.694 /-] [StdDev=19.002 /-]
<b>Literal question</b>	Chemical Fertilizer Amount

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.

**#34 d22: Natural Fertilizer Type**

<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 1-9] [Missing=*]
<b>Statistics [NW/ W]</b>	[Valid=29547 /-] [Invalid=51242 /-]
<b>Literal question</b>	Natural Fertilizer Type

Value	Label	Cases	Percentage
1	Manure	24482	82.9%
2	Humese/besebash	1039	3.5%
3	Both	12	0.0%
4	Others	2332	7.9%
5		11	0.0%
7		1	0.0%
8		1342	4.5%
9	Not stated	328	1.1%
Sysmiss		51242	

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 apercent: Percent of Field in Use**

<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*]
--------------------	--

<b>File field97b</b>			
<b>#35 apercent: Percent of Field in Use</b>			
<b>Statistics [NW/ W]</b>		[Valid=80651 /-] [Invalid=138 /-]	
<b>Literal question</b>		Percent of Field in Use	
Value	Label	Cases	Percentage
0	Land use only	0	0.0%
100	Single crop	34944	100.0%
<i>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.</i>			
<b>#36 aday: Area Measure - Day</b>			
<b>Information</b>		[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=80789 /-] [Invalid=0 /-]	
<b>Literal question</b>		Area Measure - Day	
Value	Label	Cases	Percentage
99	Not stated	2325	100.0%
<i>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.</i>			
<b>#37 amonth: Area Measure - Month</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= 1-99] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=80789 /-] [Invalid=0 /-]	
<b>Literal question</b>		Area Measure - Month	
Value	Label	Cases	Percentage
1	Meskerem	184	0.2%
2	Tikimt	86	0.1%
3	Hidar	29	0.0%
4	Tahsas	42	0.1%
5	Tir	39	0.0%
6	Yekatit	23	0.0%
7	Megabit	313	0.4%
8	Miazia	22113	27.4%
9	Ginbot	54908	68.0%
10	Sene	684	0.8%
11	Hamle	3	0.0%
12	Nehase	5	0.0%
13	Pagume	2	0.0%
99	Not stated	2358	2.9%
<i>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.</i>			
<b>#38 anotmeas: Reason for Not Measuring Area</b>			
<b>Information</b>		[Type= discrete] [Format=numeric] [Range= 0-5] [Missing=*]	
<b>Statistics [NW/ W]</b>		[Valid=37 /-] [Invalid=80752 /-]	
<b>Literal question</b>		Reason for Not Measuring Area	
Value	Label	Cases	Percentage
0		13	35.1%
1	Not in FA	12	32.4%
2	Can't read bearing	8	21.6%

<b>File field97b</b>			
<b>#38 anotmeas: Reason for Not Measuring Area</b>			
<b>Value</b>	<b>Label</b>	<b>Cases</b>	<b>Percentage</b>
3	Holder refused	0	0.0%
4	Other	0	0.0%
5	Measured	4	10.8%
System miss		80752	
<i>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.</i>			
<b>#39 enumarea: Enumerator Area (sq. m.)</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-64129.36] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=78705 /-] [Invalid=2084 /-] [Mean=805.372 /-] [StdDev=1574.748 /-]		
<b>Literal question</b>	Enumerator Area (sq. m.)		
<b>#40 comparea: Computer Area (sq. m.)</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-54982.62] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=77962 /-] [Invalid=2827 /-] [Mean=796.878 /-] [StdDev=1527.78 /-]		
<b>Literal question</b>	Computer Area (sq. m.)		
<b>#41 areb: area</b>			
<b>Information</b>	[Type= discrete] [Format=character] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=80782 /-] [Invalid=0 /-]		
<b>Literal question</b>	area		
<b>#42 plunit: Production local unit</b>			
<b>Information</b>	[Type= discrete] [Format=numeric] [Range= 0-99] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=80789 /-] [Invalid=0 /-]		
<b>Literal question</b>	Production local unit		
<i>Frequency table not shown (89 Modalities)</i>			
<b>#43 plocal: Production in local unit</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-9999.99] [Missing=*/9999.99]		
<b>Statistics [NW/ W]</b>	[Valid=71930 /-] [Invalid=8859 /-] [Mean=8.468 /-] [StdDev=49.029 /-]		
<b>Literal question</b>	Production in local unit		
<b>#44 product: production</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-97840] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=66589 /-] [Invalid=14200 /-] [Mean=241.13 /-] [StdDev=949.902 /-]		
<b>Literal question</b>	production		
<b>#45 prodq: production</b>			
<b>Information</b>	[Type= continuous] [Format=numeric] [Range= 0-587.16] [Missing=*]		
<b>Statistics [NW/ W]</b>	[Valid=63827 /-] [Invalid=16962 /-] [Mean=0.653 /-] [StdDev=7.736 /-]		
<b>Literal question</b>	production		

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**Study Documentation**, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Reports\AgSS\_Belg\_2004\_Metadata.pdf"

**Agricultural Sample Survey, Belg Season 2004-2005 (1997 E.C) Volume V, Area and Production of Belg Season Crops**, Central Statistical Agency, October 2005, Ethiopia [eth], English [eng], "Doc\Reports\Belg 1997-Area and Production\_Report.pdf"

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## Technical documents

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**Agricultural Sample Survey, Belg Season 2004-2005 (1997 E.C) - Enumerators Manual**, Central Statistical Agency, Ethiopia [eth], Amharic [amh], "Doc\Technical\Bleg 1997-Manual.pdf"