Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

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

Study Documentation

December 28, 2010

Metadata Production

Metadata Producer(s)	Central Statistical Agency (CSA) , Ministry of Finance and Economic Development , Production and documentation of the study International Household Survey Network (IHSN) , Review of the metadata
Production Date	May 18, 2009
Version	Version 1.1: Edited on December 2010.
Identification	DDI-ETH-CSA-AgSS-Belg-2005-v1.1

Table of Contents

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

Overview

Type	Agricultural Survey [ag/oth]
Identification	ETH-CSA-AgSS-Belg-2005-v1.1
Version	Production Date: 2009-05-18 Version 1.1: Edited and non anonymized dataset, for internal use only.

Abstract

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.

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.

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 2005-2006 (1998 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.

The objectives of the 2005-2006 (1998 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 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 programs.

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.
- Assessment of crop conditions (for Belg Season).

Geographic Coverage

The 2005-2006 (1998 E.C) annual Agricultural Sample Survey (Belg Season) covered the entire rural parts of the country except all zones of Gambella Region, and the non sedentary population of three zones of Afar & six zones of Somali regions. 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

Universe

Agricultural households

Producers & Sponsors

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

Sampling

Sampling Procedure

Sampling Frame

The list containing EAs of all regions and their respective agricultural households obtained from the 2001/02 Ethiopian Agricultural Sample Enumeration (EASE) was used as the sampling frame in order to select the primary sampling units (EAs). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. 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. In 2005-2006, unlike the years before, in order to obtain a fairly representative number of extension program participant households the CSA categorized listed agricultural households in each EAs in to two strata, i.e. households that are and that are not participants of extension program. The stratification was done on the basis of the six major crops where by the extension program is mostly exercised in the country. The crops are maize, teff, wheat, barley, sorghum and finger millet. The sample size for the 2005/06 agricultural sample survey (Belg Season) was determined by taking into account of both the required level of precision for the most important estimates within each domain and the amount of resources allocated to the survey. In order to reduce non-sampling errors manageability of the survey in terms of quality and operational control was also in addition considered. Except Harari, Addis Ababa and Dire Dawa, where each region as a whole was taken to be the domain of estimation; each zone of a region / special wereda was adopted as a stratum for which major findings of the survey are reported.

Selection Scheme

Enumeration areas from each stratum were selected systematically using probability proportional to size sampling technique; size being number of agricultural households obtained from the 1994 Population & Housing Census and adjusted for the sub sampling effect. From the fresh list of households prepared at the beginning of the survey 30 agricultural households within each sample EA were selected systematically. Twenty of the households were selected from non extension participant agricultural households while the rest 10 households were selected from extension participant agricultural households. Information on area under crops and Belg season production of crops, were obtained from the 30 households that were ultimately selected.

Response Rate

Initially, a total of 2,024 enumeration areas were selected to be covered by the survey, and the survey was successfully carried out in 2,012 EAs (99.41 %). As regard to the ultimate sampling unit, it was planned to conduct the survey on 60,720 agricultural households and 60,045 (98.89 %) households were actually covered by the Belg season Agricultural Sample Survey.

Data Collection

Data Collection Dates	start 2005-06 end 2005-07
Data Collection Mode	Face-to-face [f2f]

Data Collection Notes

Field Organization

The Central Statistical Agency (CSA) branch statistical office heads, field supervisors and enumerators, other supporting staff and drivers were all involved in the field operation activities of the 2005-2006 (1998 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, measuring tape, sample bags…etc). To assist with the fieldwork and data collection activities all available four-wheel drive vehicles were used for supervision and collection of Completed questionnaires.

Training of Field Staff

At the beginning of the survey year, 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 for one week at CSA's headquarters in Addis Ababa. Those trained in the first stage conducted similar training for field supervisors and enumerators for 10 days in the 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, nterviewingprocedures, … etc. The enumerators' and supervisors' training also included a field practice to reinforce the procedures discussed in the classroom with regard to field area measurement, use of the programmable calculator and Crop-cutting techniques.

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.

Questionnaires

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

List of forms in the questionnaire:

- CPSS Form 2005/8A: It contains form for listing holder information and crop productivity compared to last year.
- CPSS Form 2005/8B: It contains forms for crop productivity compared to last year.

Note: The questionnaire is presented in APPENDIX IV of the 2005-2006 Agricultural Sample Survey, Area and Production of Belg Season Crops Volume V report.

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

Data Processing & Appraisal

Data Editing

a) Editing, Coding and Verification

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 of totals, ratios, sampling error and the measurement of precision of estimates (CV) are given in Appendix I and II of the 2005-2006 Agricultural Sample Survey, Area and Production of Belg Season Crops Volume V report.

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 (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>).

Citation Requirements

The following statement must be used as citation:
"Central Statistical Authority of Ethiopia (CSA). Agricultural Sample Survey (AgSS-Belg 2005) "

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) 2005, Central Statistical Agency of Ethiopia

Files Description

Dataset contains 2 file(s)

belg-holder charachteristics 98	
# Cases	62473
# Variable(s)	18
Producer Ethiopia Central Statistical Agency	

belg-field characteristics 98	
# Cases	98554
# Variable(s)	56
Producer Ethiopia Central Statistical Agency	

Variables List

Dataset contains 74 variable(s)

File belg-holder charachteristics 98

#	Name	Label	Type	Format	Valid	Invalid	Question
1	rec$type	-	discrete	character-2	62473	0	-
2	reg	Region	continuous	numeric-2.0	62473	0	Region
3	zone	Zone	continuous	numeric-2.0	62473	0	Zone
4	dist	District	continuous	numeric-2.0	62473	0	District
5	fa	Farmers Association	continuous	numeric-3.0	62473	0	Farmers Association
6	ea	Enumeration Area	continuous	numeric-2.0	62473	0	Enumeration Area
7	hh	Household Id	continuous	numeric-3.0	62473	0	Household Id
8	hhsex	Head sex	continuous	numeric-1.0	62473	0	Head sex
9	hid	Holder id	continuous	numeric-1.0	62473	0	Holder id
10	parcel	Parcel	continuous	numeric-2.0	0	62473	Parcel
11	fld	Field	continuous	numeric-2.0	0	62473	Field
12	hweight	Holder Weight	continuous	numeric-7.2	62473	0	Holder Weight
13	v09	Age	continuous	numeric-2.0	62401	72	Age
14	v10	Sex	continuous	numeric-1.0	62473	0	Sex
15	v11	Education (Highest Grade)	continuous	numeric-2.0	62472	1	Education (Highest Grade)
16	v12	Household Size	continuous	numeric-2.0	62448	25	Household Size
17	v13	Type	continuous	numeric-1.0	62472	1	Type
18	hratio	Holder Ratio	continuous	numeric-9.7	62473	0	Holder Ratio

File belg-field characteristics 98

#	Name	Label	Type	Format	Valid	Invalid	Question
1	rec$type	-	discrete	character-2	98554	0	-
2	reg	Region	continuous	numeric-2.0	98554	0	Region
3	zone	Zone	continuous	numeric-2.0	98554	0	Zone
4	dist	District	continuous	numeric-2.0	98554	0	District
5	fa	Farmers Association	continuous	numeric-3.0	98554	0	Farmers Association
6	ea	Enumeration Area	continuous	numeric-2.0	98554	0	Enumeration Area
7	hh	Household Id	continuous	numeric-3.0	98554	0	Household Id
8	hhsex	Head sex	continuous	numeric-1.0	98554	0	Head sex
9	hid	Holder id	continuous	numeric-1.0	98554	0	Holder id
10	parcel	Parcel	continuous	numeric-2.0	98554	0	Parcel
11	fld	Field	continuous	numeric-2.0	98554	0	Field
12	fweight	Field Weight	continuous	numeric-7.2	98554	0	Field Weight
13	part	Field Part	continuous	numeric-1.0	98554	0	Field Part
14	fldt	Field Type	continuous	numeric-1.0	98554	0	Field Type
15	crop	Crop or Land Use	continuous	numeric-3.0	98554	0	Crop or Land Use

File belg-field characteristics 98

#	Name	Label	Type	Format	Valid	Invalid	Question
16	ownttype	Owner Type	continuous	numeric-1.0	98554	0	Owner Type
17	ext	Extension	continuous	numeric-1.0	98554	0	Extension
18	irrg	Irrigation Used	continuous	numeric-1.0	98554	0	Irrigation Used
19	sirrg	Source of Irrigation	continuous	numeric-1.0	5986	92568	Source of Irrigation
20	seedtype	Seed Type	continuous	numeric-1.0	98552	2	Seed Type
21	wtimseed	Weight of improved Seed	continuous	numeric-8.3	1378	97176	Weight of improved Seed
22	costimps	Improved Seed Cost	continuous	numeric-9.2	1378	97176	Improved Seed Cost
23	wtniseed	Weight of Non Improved Seed	continuous	numeric-8.3	97174	1380	Weight of Non Improved Seed
24	damage	Any Damage	continuous	numeric-1.0	98552	2	Any Damage
25	dreason	Damage Reason	continuous	numeric-2.0	23510	75044	Damage Reason
26	dpercent	Damage Percent	continuous	numeric-3.0	23510	75044	Damage Percent
27	dmeasure	Any Measure to Prevent Damage	continuous	numeric-1.0	98552	2	Any Measure to Prevent Damage
28	dmtype	Type of Damage Prevention	continuous	numeric-1.0	98552	2	Type of Damage Prevention
29	dmchem	Chemical Used	continuous	numeric-1.0	2363	96191	Chemical Used
30	fert	Fertilizer Used	continuous	numeric-1.0	98554	0	Fertilizer Used
31	ferttype	Fertilizer Type	continuous	numeric-1.0	46040	52514	Fertilizer Type
32	d22a	Chemical Fertilizer Type	continuous	numeric-1.0	9166	89388	Chemical Fertilizer Type
33	d22b	Chemical Fertilizer quantity	continuous	numeric-8.3	9166	89388	Chemical Fertilizer quantity
34	d23	Natural Fertilizer Type	continuous	numeric-1.0	38391	60163	Natural Fertilizer Type
35	apercent	Percent of Field in Use	continuous	numeric-3.0	98554	0	Percent of Field in Use
36	amonth	Area Measure - Month	continuous	numeric-2.0	98554	0	Area Measure - Month
37	aday	Area Measure - Day	continuous	numeric-2.0	98554	0	Area Measure - Day
38	cerror	Closuer error	continuous	numeric-6.0	96243	2311	Closuer error
39	anotmeas	Reason for Not Measuring Area	continuous	numeric-1.0	2290	96264	Reason for Not Measuring Area
40	enumarea	Enumerator Area (sq. m.)	continuous	numeric-8.2	96253	2301	Enumerator Area (sq. m.)
41	comparea	Computer Area (sq. m.)	continuous	numeric-8.2	95021	3533	Computer Area (sq. m.)
42	areb	Area	continuous	numeric-7.0	98538	16	Area
43	plunit	Local production unit	continuous	numeric-2.0	96063	2491	Local production unit
44	plocal	Production in local unit	continuous	numeric-7.2	95150	3404	Production in local unit
45	product	production	continuous	numeric-9.0	0	98554	production
46	yield98	Yield of main season 1998 E.C.	continuous	numeric-8.0	93222	5332	Yield of main season 1998 E.C.
47	cond98	Cond98 Condition	continuous	numeric-4.0	98554	0	Cond98 Condition
48	condda	Condda	continuous	numeric-4.0	67896	30658	Condda
49	condfa	Condfa	continuous	numeric-4.0	45614	52940	Condfa
50	avgcond	conddafa average	continuous	numeric-4.0	45158	53396	conddafa average
51	condf	Condition Factor	continuous	numeric-4.0	45158	53396	Condition Factor

File belg-field characteristics 98

#	Name	Label	Type	Format	Valid	Invalid	Question
52	prodc	Production Condition	continuous	numeric-9.0	93216	5338	Production Condition
53	prodda	Production of DA	continuous	numeric-9.0	67298	31256	Production of DA
54	prod98fa	Production of FA	continuous	numeric-9.0	45168	53386	Production of FA
55	prod98p	Prod98 Of 30 percent FA and 70% Conditon	continuous	numeric-9.0	44712	53842	Prod98 Of 30 percent FA and 70% Conditon
56	prod98v	Prod98 Of FA and DA Avrage	continuous	numeric-9.0	44712	53842	Prod98 Of FA and DA Avrage

Variables Description

Dataset contains74 variable(s)

File belg-holder charachteristics 98

#1 rec$type

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
02		62473	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 reg: Region

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=4.878 /-] [StdDev=2.568 /-]
Literal question	Region

#3 zone: Zone

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=6.726 /-] [StdDev=4.956 /-]
Literal question	Zone

#4 dist: District

Information	[Type= continuous] [Format=numeric] [Range= 1-35] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=6.748 /-] [StdDev=6.017 /-]
Literal question	District

#5 fa: Farmers Association

Information	[Type= continuous] [Format=numeric] [Range= 1-126] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=26.348 /-] [StdDev=21.526 /-]
Literal question	Farmers Association

#6 ea: Enumeration Area

Information	[Type= continuous] [Format=numeric] [Range= 1-12] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=1.957 /-] [StdDev=1.306 /-]
Literal question	Enumeration Area

#7 hh: Household Id

Information	[Type= continuous] [Format=numeric] [Range= 1-989] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=111.396 /-] [StdDev=85.068 /-]
Literal question	Household Id

#8 hhsex: Head sex

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=1.183 /-] [StdDev=0.387 /-]
Literal question	Head sex

#9 hid: Holder id

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

File belg-holder charachteristics 98

#9 hid: Holder id

Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=1.052 /-] [StdDev=0.281 /-]
Literal question	Holder id

#10 parcel: Parcel

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=62473 /-]
Literal question	Parcel

#11 fld: Field

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=62473 /-]
Literal question	Field

#12 hweight: Holder Weight

Information	[Type= continuous] [Format=numeric] [Range= 3.28-652.19] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=182.541 /-] [StdDev=114.775 /-]
Literal question	Holder Weight

#13 v09: Age

Information	[Type= continuous] [Format=numeric] [Range= 1-98] [Missing=*/99]
Statistics [NW/ W]	[Valid=62401 /-] [Invalid=72 /-] [Mean=42.588 /-] [StdDev=15.666 /-]
Literal question	Age

#14 v10: Sex

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-]
Literal question	Sex

Value	Label	Cases	Percentage
1	Male	50855	81.4%
2	Female	11618	18.6%

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.

#15 v11: Education (Highest Grade)

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*/99]
Statistics [NW/ W]	[Valid=62472 /-] [Invalid=1 /-]
Literal question	Education (Highest Grade)

Value	Label	Cases	Percentage
1	Illiterate	42679	68.3%
2	No formal Education	4712	7.5%
3	Grade 1 completed	1291	2.1%
4	Grade 2 completed	2122	3.4%
5	Grade 3 completed	2466	3.9%
6	Grade 4 completed	2224	3.6%
7	Grade 5 completed	1877	3.0%
8	Grade 6 completed	1812	2.9%

File belg-holder charachteristics 98

#15 v11: Education (Highest Grade)

Value	Label	Cases	Percentage
9	Grade 7 completed	1177	1.9%
10	Grade 8 completed	873	1.4%
11	Grade 9 completed	418	0.7%
12	Grade 10 completed	342	0.5%
13	Grade 11 completed	39	0.1%
14	Grade 12 completed	322	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

Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=62448 /-] [Invalid=25 /-] [Mean=5.34 /-] [StdDev=2.832 /-]
Literal question	Household Size

#17 v13: Type

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*/9]
Statistics [NW/ W]	[Valid=62472 /-] [Invalid=1 /-]
Literal question	Type

Value	Label	Cases	Percentage
1	Crop only	5783	9.3%
2	Livestock only	2944	4.7%
3	Both Crop and livestock	53745	86.0%

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.

#18 hratio: Holder Ratio

Information	[Type= continuous] [Format=numeric] [Range= 0.0066831-1] [Missing=*]
Statistics [NW/ W]	[Valid=62473 /-] [Invalid=0 /-] [Mean=0.0989 /-] [StdDev=0.146 /-]
Literal question	Holder Ratio

File belg-field characteristics 98

#1 rec$type

Information	[Type= discrete] [Format=character] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]

Value	Label	Cases	Percentage
50		98554	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 reg: Region

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=5.926 /-] [StdDev=1.812 /-]
Literal question	Region

#3 zone: Zone

Information	[Type= continuous] [Format=numeric] [Range= 1-21] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=9.048 /-] [StdDev=5.508 /-]

File belg-field characteristics 98

#3 **zone: Zone**	
Literal question	Zone
#4 **dist: District**	
Information	[Type= continuous] [Format=numeric] [Range= 1-35] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=5.384 /-] [StdDev=5.33 /-]
Literal question	District
#5 **fa: Farmers Association**	
Information	[Type= continuous] [Format=numeric] [Range= 1-126] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=25.467 /-] [StdDev=19.698 /-]
Literal question	Farmers Association
#6 **ea: Enumeration Area**	
Information	[Type= continuous] [Format=numeric] [Range= 1-11] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=2.026 /-] [StdDev=1.288 /-]
Literal question	Enumeration Area
#7 **hh: Household Id**	
Information	[Type= continuous] [Format=numeric] [Range= 1-989] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=120.726 /-] [StdDev=92.55 /-]
Literal question	Household Id
#8 **hhsex: Head sex**	
Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=1.15 /-] [StdDev=0.357 /-]
Literal question	Head sex
#9 **hid: Holder id**	
Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=1.009 /-] [StdDev=0.121 /-]
Literal question	Holder id
#10 **parcel: Parcel**	
Information	[Type= continuous] [Format=numeric] [Range= 0-60] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=1.341 /-] [StdDev=0.79 /-]
Literal question	Parcel
#11 **fld: Field**	
Information	[Type= continuous] [Format=numeric] [Range= 0-60] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=1.979 /-] [StdDev=1.671 /-]
Literal question	Field
#12 **fweight: Field Weight**	
Information	[Type= continuous] [Format=numeric] [Range= 3.28-652.19] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=165.414 /-] [StdDev=119.739 /-]
Literal question	Field Weight

File belg-field characteristics 98

#13 part: Field Part

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=1.272 /-] [StdDev=0.528 /-]
Literal question	Field Part

#14 fldt: Field Type

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=1.493 /-] [StdDev=0.5 /-]
Literal question	Field Type

#15 crop: Crop or Land Use

Information	[Type= continuous] [Format=numeric] [Range= 1-123] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]
Literal question	Crop or Land Use

Value	Label	Cases	Percentage
1	Barley	5704	5.8%
2	Maize	32325	33.1%
3	Millet	315	0.3%
4	Oats	386	0.4%
5	Rice	3	0.0%
6	Sorghum	2880	3.0%
7	Teff	3757	3.8%
8	Wheat	1849	1.9%
11	Chick peas	536	0.5%
12	Haricot beans	20081	20.6%
13	Horse beans	877	0.9%
14	Lentils	451	0.5%
15	Field peas	810	0.8%
16	Vetch	92	0.1%
17	Gibto	5	0.0%
18	Soya Bean	9	0.0%
23	Linseed	163	0.2%
24	Ground nuts	81	0.1%
25	Neug	14	0.0%
26	Rapeseed	56	0.1%
27	Sesame	37	0.0%
28	Sunflower	137	0.1%
36	Fenugreek	115	0.1%
38	Red Peppers	131	0.1%
42	Bannana	0	0.0%
44	Lemon	0	0.0%
46	Mango	0	0.0%
47	Orange	0	0.0%
48	Papaya	0	0.0%
49	Pineapples	0	0.0%

File belg-field characteristics 98

#15 crop: Crop or Land Use

Value	Label	Cases	Percentage
51	Beet root	227	0.2%
52	Cabbage	306	0.3%
53	Carrot	221	0.2%
55	Garlic	1750	1.8%
56	Kale	8445	8.7%
57	Lettuce	47	0.0%
58	Onion	1904	2.0%
59	Green Peppers	529	0.5%
60	Potato	10505	10.8%
62	Sweet Potato	1729	1.8%
63	Tomatoes	519	0.5%
64	Godere	562	0.6%
65	Guava(Zeytuna)	0	0.0%
69	Spinach	39	0.0%
71	Chat	0	0.0%
72	Coffee	0	0.0%
74	Enset	0	0.0%
75	Hops 'Gesho'	0	0.0%
76	Sugar cane	0	0.0%
77	Other stimulant crops	0	0.0%

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

#16 owntype: Owner Type

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]
Literal question	Owner Type

Value	Label	Cases	Percentage
1	Private	92676	94.0%
2	Rent/leased	3346	3.4%
3	Other	2532	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.

#17 ext: Extension

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]
Literal question	Extension

Value	Label	Cases	Percentage
1	Yes	2184	2.2%
2	No	96370	97.8%

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.

#18 irrg: Irrigation Used

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]

File belg-field characteristics 98

#18 irrg: Irrigation Used

Literal question	Irrigation Used

Value	Label	Cases	Percentage
1	Yes	5986	6.1%
2	No	92568	93.9%

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

#19 sirrg: Source of Irrigation

Information	[Type= continuous] [Format=numeric] [Range= 1-5] [Missing=*]
Statistics [NW/ W]	[Valid=5986 /-] [Invalid=92568 /-]
Literal question	Source of Irrigation

Value	Label	Cases	Percentage
1	River	4499	75.2%
2	Lake	90	1.5%
3	Pond	548	9.2%
4	Water harvesting	278	4.6%
5	Other	571	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.

#20 seedtype: Seed Type

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98552 /-] [Invalid=2 /-]
Literal question	Seed Type

Value	Label	Cases	Percentage
1	Improved	1378	1.4%
2	Non-improved	97174	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 wtimseed: Weight of improved Seed

Information	[Type= continuous] [Format=numeric] [Range= 0.05-9999.999] [Missing=*]
Statistics [NW/ W]	[Valid=1378 /-] [Invalid=97176 /-]
Literal question	Weight of improved Seed

Value	Label	Cases	Percentage
9999.999	Not stated	660	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 costimps: Improved Seed Cost

Information	[Type= continuous] [Format=numeric] [Range= 0.09-999999.99] [Missing=*]
Statistics [NW/ W]	[Valid=1378 /-] [Invalid=97176 /-]
Literal question	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.

#23 wtniseed: Weight of Non Improved Seed

Information	[Type= continuous] [Format=numeric] [Range= 0-9999.999] [Missing=*]

File belg-field characteristics 98

#23 wtniseed: Weight of Non Improved Seed

Statistics [NW/ W]	[Valid=97174 /-] [Invalid=1380 /-]
Literal question	Weight of Non Improved Seed

Value	Label	Cases	Percentage
9999.999	Not stated	28209	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.

#24 damage: Any Damage

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98552 /-] [Invalid=2 /-]
Literal question	Any Damage

Value	Label	Cases	Percentage
1	Yes	23510	23.9%
2	No	75042	76.1%

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.

#25 dreason: Damage Reason

Information	[Type= continuous] [Format=numeric] [Range= 1-15] [Missing=*]
Statistics [NW/ W]	[Valid=23510 /-] [Invalid=75044 /-]
Literal question	Damage Reason

Value	Label	Cases	Percentage
1	Too much rain	1653	7.0%
2	Too little rain	366	1.6%
3	Insects	856	3.6%
4	Crop disease	34	0.1%
5	Weeds	3802	16.2%
6	Hail	5190	22.1%
7	Frost	2962	12.6%
8	Floods	1409	6.0%
9	Wild animals	146	0.6%
10	Locust	907	3.9%
11	Birds	2273	9.7%
12	Shortage of seeds	73	0.3%
13	Depletion of soil fertility	2343	10.0%
14	Security problems	5	0.0%
15	Other	1491	6.3%

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.

#26 dpercent: Damage Percent

Information	[Type= continuous] [Format=numeric] [Range= 0-999] [Missing=*]
Statistics [NW/ W]	[Valid=23510 /-] [Invalid=75044 /-]
Literal question	Damage Percent

Value	Label	Cases	Percentage
999	Not Stated	61	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.

File belg-field characteristics 98

#27 dmeasure: Any Measure to Prevent Damage

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98552 /-] [Invalid=2 /-]
Literal question	Any Measure to Prevent Damage

Value	Label	Cases	Percentage
1	Yes	97216	98.6%
2	No	1336	1.4%

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.

#28 dmtype: Type of Damage Prevention

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=98552 /-] [Invalid=2 /-]
Literal question	Type of Damage Prevention

Value	Label	Cases	Percentage
1	Chemical	1097	1.1%
2	Non-chemical	94853	97.6%
3	Both	1266	1.3%

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.

#29 dmchem: Chemical Used

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=2363 /-] [Invalid=96191 /-]
Literal question	Chemical Used

Value	Label	Cases	Percentage
1	Insecticide	444	18.8%
2	Herbicide	1349	57.1%
3	Fungicide	276	11.7%
4	Insectcide & Herbicide	75	3.2%
5	Insectcide & Fungicide	17	0.7%
6	Herbicide & Fungicide	0	0.0%
7	All	1	0.0%
9	Not stated	201	8.5%

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.

#30 fert: Fertilizer Used

Information	[Type= continuous] [Format=numeric] [Range= 1-2] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]
Literal question	Fertilizer Used

Value	Label	Cases	Percentage
1	Yes	46040	46.7%
2	No	52514	53.3%

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

#31 ferttype: Fertilizer Type

Information	[Type= continuous] [Format=numeric] [Range= 1-3] [Missing=*]
Statistics [NW/ W]	[Valid=46040 /-] [Invalid=52514 /-]

File belg-field characteristics 98

#31 ferttype: Fertilizer Type

Literal question	Fertilizer Type

Value	Label	Cases	Percentage
1	Natural	36874	80.1%
2	Chemical	7649	16.6%
3	Both	1517	3.3%

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

#32 d22a: Chemical Fertilizer Type

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=9166 /-] [Invalid=89388 /-]
Literal question	Chemical Fertilizer Type

Value	Label	Cases	Percentage
1	Urea	595	6.5%
2	DAP	6881	75.1%
3	Both	1257	13.7%
9	Not stated	433	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.

#33 d22b: Chemical Fertilizer quantity

Information	[Type= continuous] [Format=numeric] [Range= 0.02-9999.999] [Missing=*]
Statistics [NW/ W]	[Valid=9166 /-] [Invalid=89388 /-]
Literal question	Chemical Fertilizer quantity

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 d23: Natural Fertilizer Type

Information	[Type= continuous] [Format=numeric] [Range= 1-9] [Missing=*]
Statistics [NW/ W]	[Valid=38391 /-] [Invalid=60163 /-]
Literal question	Natural Fertilizer Type

Value	Label	Cases	Percentage
1	Manure	30426	82.4%
2	Humese/besebash	1532	4.1%
3	Both	3	0.0%
4	Others	4610	12.5%
9	Not stated	362	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.

#35 apercent: Percent of Field in Use

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]
Literal question	Percent of Field in Use

Value	Label	Cases	Percentage
0	Land use only	0	0.0%
100	Single crop	49990	100.0%

File belg-field characteristics 98

#35 apercent: Percent of Field in Use

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

#36 amonth: Area Measure - Month

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]
Literal question	Area Measure - Month

Value	Label	Cases	Percentage
1	Meskerem	2038	3.2%
2	Tikimt	3285	5.1%
3	Hidar	4425	6.9%
4	Tahsas	4883	7.6%
5	Tir	4659	7.3%
6	Yekatit	3377	5.3%
7	Megabit	6170	9.6%
8	Miazia	6544	10.2%
9	Ginbot	6245	9.7%
10	Sene	6581	10.3%
11	Hamle	5775	9.0%
12	Nehase	4624	7.2%
13	Pagume	2844	4.4%
99	Not stated	2685	4.2%

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.

#37 aday: Area Measure - Day

Information	[Type= continuous] [Format=numeric] [Range= 1-99] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-]
Literal question	Area Measure - Day

Value	Label	Cases	Percentage
99	Not stated	2760	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.

#38 cerror: Closuer error

Information	[Type= continuous] [Format=numeric] [Range= 0-3066] [Missing=*]
Statistics [NW/ W]	[Valid=96243 /-] [Invalid=2311 /-] [Mean=129.658 /-] [StdDev=101.154 /-]
Literal question	Closuer error

#39 anotmeas: Reason for Not Measuring Area

Information	[Type= continuous] [Format=numeric] [Range= 0-5] [Missing=*]
Statistics [NW/ W]	[Valid=2290 /-] [Invalid=96264 /-]
Literal question	Reason for Not Measuring Area

Value	Label	Cases	Percentage
1	Not in FA	2257	98.6%
2	Can't read bearing	24	1.0%
3	Holder refused	0	0.0%
4	Other	7	0.3%

File belg-field characteristics 98

#39 anotmeas: Reason for Not Measuring Area

Value	Label	Cases	Percentage
5	Measured	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.

#40 enumarea: Enumerator Area (sq. m.)

Information	[Type= continuous] [Format=numeric] [Range= 0-90743.51] [Missing=*]
Statistics [NW/ W]	[Valid=96253 /-] [Invalid=2301 /-] [Mean=795.754 /-] [StdDev=1591.943 /-]
Literal question	Enumerator Area (sq. m.)

#41 comparea: Computer Area (sq. m.)

Information	[Type= continuous] [Format=numeric] [Range= 0-66878.41] [Missing=*]
Statistics [NW/ W]	[Valid=95021 /-] [Invalid=3533 /-] [Mean=787.84 /-] [StdDev=1527.59 /-]
Literal question	Computer Area (sq. m.)

#42 areb: Area

Information	[Type= continuous] [Format=numeric] [Range= 12-6687841] [Missing=*]
Statistics [NW/ W]	[Valid=98538 /-] [Invalid=16 /-] [Mean=80121.411 /-] [StdDev=153085.529 /-]
Literal question	Area

#43 plunit: Local production unit

Information	[Type= continuous] [Format=numeric] [Range= 0-99] [Missing=*]
Statistics [NW/ W]	[Valid=96063 /-] [Invalid=2491 /-] [Mean=21.96 /-] [StdDev=13.945 /-]
Literal question	Local production unit

#44 plocal: Production in local unit

Information	[Type= continuous] [Format=numeric] [Range= 0-5800] [Missing=*]
Statistics [NW/ W]	[Valid=95150 /-] [Invalid=3404 /-] [Mean=10.422 /-] [StdDev=66.839 /-]
Literal question	Production in local unit

#45 product: production

Information	[Type= continuous] [Format=numeric] [Missing=*]
Statistics [NW/ W]	[Valid=0 /-] [Invalid=98554 /-]
Literal question	production

#46 yield98: Yield of main season 1998 E.C.

Information	[Type= continuous] [Format=numeric] [Range= 3-20380] [Missing=*]
Statistics [NW/ W]	[Valid=93222 /-] [Invalid=5332 /-] [Mean=2936.929 /-] [StdDev=3668.229 /-]
Literal question	Yield of main season 1998 E.C.

#47 cond98: Cond98 Condition

Information	[Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*]
Statistics [NW/ W]	[Valid=98554 /-] [Invalid=0 /-] [Mean=59.573 /-] [StdDev=43.936 /-]
Literal question	Cond98 Condition

#48 condda: Condda

Information	[Type= continuous] [Format=numeric] [Range= 1-700] [Missing=*]
Statistics [NW/ W]	[Valid=67896 /-] [Invalid=30658 /-] [Mean=125.065 /-] [StdDev=46.582 /-]

File belg-field characteristics 98

#48 **condda: Condda**	
Literal question	Condda
#49 **condfa: Condfa**	
Information	[Type= continuous] [Format=numeric] [Range= 5-300] [Missing=*]
Statistics [NW/ W]	[Valid=45614 /-] [Invalid=52940 /-] [Mean=118.175 /-] [StdDev=47.301 /-]
Literal question	Condfa
#50 **avgcond: conddafa average**	
Information	[Type= continuous] [Format=numeric] [Range= 3-400] [Missing=*]
Statistics [NW/ W]	[Valid=45158 /-] [Invalid=53396 /-] [Mean=122.823 /-] [StdDev=43.488 /-]
Literal question	conddafa average
#51 **condf: Condition Factor**	
Information	[Type= continuous] [Format=numeric] [Range= 3-190] [Missing=*]
Statistics [NW/ W]	[Valid=45158 /-] [Invalid=53396 /-] [Mean=95.15 /-] [StdDev=25.737 /-]
Literal question	Condition Factor
#52 **prodc: Production Condition**	
Information	[Type= continuous] [Format=numeric] [Range= 0-7289747] [Missing=*]
Statistics [NW/ W]	[Valid=93216 /-] [Invalid=5338 /-] [Mean=63912.599 /-] [StdDev=167793.628 /-]
Literal question	Production Condition
#53 **prodda: Production of DA**	
Information	[Type= continuous] [Format=numeric] [Range= 1-11955185] [Missing=*]
Statistics [NW/ W]	[Valid=67298 /-] [Invalid=31256 /-] [Mean=137912.971 /-] [StdDev=321464.637 /-]
Literal question	Production of DA
#54 **prod98fa: Production of FA**	
Information	[Type= continuous] [Format=numeric] [Range= 12-10432373] [Missing=*]
Statistics [NW/ W]	[Valid=45168 /-] [Invalid=53386 /-] [Mean=170733.748 /-] [StdDev=361019.21 /-]
Literal question	Production of FA
#55 **prod98p: Prod98 Of 30 percent FA and 70% Conditon**	
Information	[Type= continuous] [Format=numeric] [Range= 22-8208255] [Missing=*]
Statistics [NW/ W]	[Valid=44712 /-] [Invalid=53842 /-] [Mean=133201.305 /-] [StdDev=260238.454 /-]
Literal question	Prod98 Of 30 percent FA and 70% Conditon
#56 **prod98v: Prod98 Of FA and DA Avrage**	
Information	[Type= continuous] [Format=numeric] [Range= 21-10432373] [Missing=*]
Statistics [NW/ W]	[Valid=44712 /-] [Invalid=53842 /-] [Mean=176110.948 /-] [StdDev=362592.395 /-]
Literal question	Prod98 Of FA and DA Avrage

Documentation

Reports and analytical documents

Study Documentation, Central Statistical Agency, Ethiopia [eth], English [eng], "Doc\Reports\AgSS_Belg_2005_Metadata.pdf"

Agricultural Sample Survey, Belg Season 2005-2006 (1998 E.C) Volume V, Area and Production of Belg Season Crops, Central Statistical Agency, August 2006, Ethiopia [eth], English [eng], "Doc\Reports\Area_productionn_final_Report_Belg.pdf"

Table of Contents

Agricultural Sample Survey, Belg Season 2005-2006 (1998 E.C) Volume VI, Farm Managment Practices for Belg/Second Season Crops, Central Statistical Agency, September 2006, Ethiopia [eth], English [eng], "Doc\Reports\Farm_Management_practice_1998_Final.pdf"

Table of Contents

Technical documents

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