## Ethiopia

Central Statistical Agency, Ministry of Finance and Economic Development

# Livestock Sample Survey 2010-2011 (2003 E.C) 

## Study Documentation

May 24, 2011

## Metadata Production

| Metadata <br> Producer(s) | Central Statistical Agency (CSA), Ministry of Finance and Economic Development, <br> Production and documentation of the study <br> International Household Survey Network (IHSN), Review of the metadata |
| :--- | :--- |
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| Identification | DDI-ETH-CSA-AgSSLV-2011-v1.0 |

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Ethiopia (2010-2011)
Livestock Sample Survey 2010-2011 (2003 E.C) (AgSSLV 2010-2011)

## Overview

| Type | Agricultural Survey [ag/oth] |
| :--- | :--- |
| Identification | ETH-CSA-AgSSLV-2011-v1.0 |
| Version | Version 1.0: Edited and non anonymized dataset, for internal use only. |


#### Abstract

Ethiopia is believed to have the largest livestock population in Africa. This livestock sector has been contributing considerable portion to the economy of the country, and still promising to rally round the economic development of the country. It is eminent that livestock products and by-products in the form of meat, milk, honey, eggs, cheese, and butter supply etc. provide the needed animal protein that contribute to the improvement of the nutritional status of the people. Livestock also plays an important role in providing export commodities, such as live animals, hides, and skins to earn foreign exchanges to the country. On the other hand, draught animals provide power for the cultivation of the smallholdings and for crop threshing virtually all over the country and are also essential modes of transport to take holders and their families long-distances, to convey their agricultural products to the market places and bring back their domestic necessities. Livestock as well confer a certain degree of security in times of crop failure, as they are a "near-cash" capital stock. Furthermore, livestock provides farmyard manure that is commonly applied to improve soil fertility and also used as a source of energy.


Due to the very important role that the livestock sector plays in the economy of the country, formulation of development plan regarding the sector is indispensable. It is therefore imperative that livestock development plans should be formulated on the basis of reliable statistical data, and hence, timely and accurate livestock data are required for the formulation, implementation, monitoring, and evaluation of development plan and program in the sector. These livestock data can be generated usually using surveys and censuses. In this regard, subsequent surveys and a solitary agricultural census have been carried out by the Central Statistical Agency (CSA) to make available data on livestock though they were not comprehensive. The 2010/11 Annual Agricultural Sample Survey was also conducted to produce these same data so as to keep hold of continuity and update users in general.

In this report: estimates of livestock that include cattle, sheep, goats, draught animals (horses, mules, donkeys and camels), poultry and beehives were made based on the information obtained from the holders within the sampled agricultural households in rural sedentary areas of the country as to the reference date (November 10, 2010 or Hidar 1, 2003 E.C.) and reference period (November 11, 2009 to November 10, 2010 or Hidar 2, 2002 E.C. to Hidar 1, 2003 E.C.). The report comprises the results obtained from the livestock survey as well as brief discussions made on the results. The survey results at regional and zonal levels for the sedentary rural areas are presented in Statistical Tables 3.1-3.30. The standard errors (SE) and coefficients of variation (CV) are given in Annex Tables 1-10, for some variables.

| Kind of Data | Sample survey data [ssd] |
| :--- | :--- |
| Unit of Analysis | - Agricultural households <br> - <br>  <br> - Holders |

## Scope \& Coverage

## Scope

The scope of Livestock Sample Survey includes:

- Identification particulars: Geographic area information; Holder sex, education status family size and type of holding
- Livestock population and livestock products: This section covered information regarding number of cattle, sheep, goats, horses, mules, donkeys, camels by age and purposes; poultry, honey production per beehive, milk and egg; livestock diseases and treatments; number of births, purchases, sales, slaughters, and deaths of livestock; livestock diseases, treatment and vaccination ; and livestock feeds utilization.


## Geographic Coverage

The 2010/11 (2003 E.C.) Annual Livestock Sample Survey covered the rural agricultural population in all the regions of the country except the non-sedentary population of three zones of Afar \& six zones of Somali regions

## Universe

Households, who were engaged in growing crops and/or breeding and raising livestocks in private or in partnership with others in the selected sample.

## Producers \& Sponsors

| Primary <br> 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 2007 (1999 E.C). Population and Housing Census Frame was used as the sampling frame in order to select EAs (Primary Sampling Units). Consequently, all sample EAs were selected from this frame based on the design proposed for the survey. Second stage sampling units households, on the other hand, were selected from a fresh list of households that were prepared for each EA at the beginning of the survey.

## Sample Design:

A two stage stratified cluster sample design was used to select the sample in which the clusters or primary sampling units (PSUs) were enumeration areas and second stage sampling units were agricultural households. Each zones/special wereda of the four regions (Tigray, Amahara, Oromiya and SNNP) was further stratified in to three agro-ecologies (Kolla, Dega and Weyina Dega). Except Harari and Dire Dawa, where each region as a whole is considered to be the domain of estimation, every zone/special wereda in each region was taken 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 households of EAs obtained from the 2007 (1999 E.C) Population and Housing Census. Within each sample EA 30 agricultural households were selected systematically from the fresh list of households prepared at the beginning of the survey.

Distribution of sampling units (sampled and covered EAs) by stratum is also presented in Appendix-I. Moreover, estimation procedures of different estimates are provided in the Appendix II. Estimates of Standard Errors and Coefficient of Variations for selected estimates are also presented in the Annex Tables 1-10.

## Deviations from Sample Design

A total of 2,280 enumeration areas (EAs) were selected. However, due to various reasons that are beyond control, in 30 EAs the survey could not be successful and hence interrupted. Thus, all in all the survey succeeded to cover 2,250 EAs ( $98.68 \%$ ) throughout the regions. The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 68,400 agricultural households, however, 67,269 ( $98.34 \%$ ) were actually covered by the survey.

## Response Rate

The Livestock Sample Survey was conducted on the basis of 30 agricultural households selected from each EA. Regarding the ultimate sampling units, it was intended to cover a total of 49,800 agricultural households, however, 49,738 (99.9\%) were actually covered by the survey.

## Data Collection

| Data Collection <br> Dates | start 2010 <br> end 2011 |
| :--- | :--- |
| Data Collection <br> Mode | Face-to-face [f2f] |

## Data Collection Notes

FIELD ORGANIZATION
The entire 25 Branch Statistical Offices of the CSA participated in the survey undertaking, especially in organizing the second stage training, in deploying the field staff to their respective sites of assignment, and retrieving completed questionnaires and submitting them to the head office for data processing. They were also responsible in administering the financial and logistic aspect of the survey within the areas of their assignment. In the data collection, enumerators and field supervisors were involved with an average supervisor-enumerator ratio of 1 to 4. To accomplish the data collection operation, all the enumerators were supplied with the necessary survey equipment at the completion of the training. To assist the data collection activities in deployment, supervision, and retrieval of completed questionnaires, reasonably adequate four-wheel vehicles were used.

## 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, statistician and some of the field supervisors. The training was given for about six days at Ambo town. Many of these personnel trained in the first-stage conducted similar training for field supervisors and enumerators for about three weeks in branch offices, which are distributed around the country. During the second-stage training, the field staff were given detailed classroom instruction on the objectives and uses of the survey, concepts and definitions of terms used, interviewing procedures, how to fill questionnaires, ..etc. The enumerators' training also includes a field practice to strengthen the concepts discussed in the classroom.

## METHOD OF DATA COLLECTION

In each selected site, a fresh list of households was prepared and then agricultural households were identified from the list of households. From these identified agricultural households, 30 agricultural households were selected using systematic sampling techniques. Thus, all agricultural holders belonging to each selected agricultural households were interviewed and the appropriate data were collected. The reference date for enumerating livestock, poultry, \& beehives was November 10, 2010 (Hidar 1/2003 E.C.).

## Questionnaires

The 2009-2010 Livestock Sample Survey used structured questionnaire to collect data on livestock and livestock characteristics.
The questionnaire is organized in to two parts:

- Part 1: Identification particulars: This part contains area identification of the selected household. It dealt with area identification of respondents such as Region, Zone, wereda, Farmer's association, Enumeration area household number, holder number, and type of holding.
- Part 2: Livestock population and products: This part of the questionnaire dealt with number of cattle, sheep, goats, horses, mules, donkeys, camels by age and purposes; poultry, honey production per beehive, milk and egg; livestock diseases and treatments; number of births, purchases, sales, slaughters, and deaths of livestock; livestock diseases, treatment and vaccination ; and livestock feeds utilization.

Questionnaire used in the field for data collection purpose was prepared in Amharic language. English version of the questionnaire is presented in APPENDIX III of the 2009-2010 survey report which is provided in this metadata.

## Data Processing \& Appraisal

## Data Editing

Editing, Coding, and Verification:
The editing and coding instruction manuals were prepared, and intensive training was given to the editor-coders. Those trained editors-coders were accomplished the editing and coding tasks. In due course, professional staff members were assigned to facilitate the editing and coding activities and the edited and coded questionnaires were verified by statistical technicians as well as by professionals.

Data Entry, Cleaning, and Processing:
The data were entered in personal computers by data encoders using CSpro (Census and Survey Processing system) software. Then the data were checked and cleaned by regular staff members. Finally, the data processing activity was also done by personal computers (PCs) to produce results that were 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 of the 2010-2011 Livestock Sample Survey report which is provided with this metadata.

## Accessibility

| Access Authority | Central Statistical Agency of Ethiopia (Ministry of Finance and Economic Development) , <br> http://www.csa.gov.et , csa@csa.gov.et |
| :--- | :--- |
| Contact(s) | Data Administrator (Central Statistical Agency of Ethiopia), http://www.csa.gov.et , <br> 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](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). Livestock Sample Survey (AgSSLV 2010-2011)"

## 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

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## Files Description

## Dataset contains 19 file(s)

| BEEHIVE |  |
| :--- | :--- |
| \# Cases | 70702 |
| \# Variable(s) | 12 |


| CAMEL |  |
| :--- | :--- |
| \# Cases | 1969 |
| \# Variable(s) | 30 |


| CATTLEFEED |  |
| :--- | :--- |
| \# Cases | 378777 |
| \# Variable(s) | 12 |


| COW |  |
| :--- | :--- |
| \# Cases | 70715 |
| \# Variable(s) | 53 |

COWCAMEL

| \# Cases | 62515 |
| :--- | :--- |
| \# Variable(s) | 17 |

## DISEASE

| \# Cases | 60753 |
| :--- | :--- |
| \# Variable(s) | 14 |

DONKEY

| \# Cases | 19402 |
| :--- | :--- |
| \# Variable(s) | 25 |


| EGG |  |
| :--- | :--- |
| \# Cases | 39584 |
| \# Variable(s) | 16 |



| \# Variable(s) | 9 |
| :--- | :--- |


| GOAT |  |
| :--- | :--- |
| \# Cases | 21703 |
| \# Variable(s) | 45 |


| HHINFO |  |
| :--- | :--- |
| \# Cases | 70729 |
| \# Variable(s) | 15 |


| HONEY |  |
| :--- | :--- |
| \# Cases | 6292 |
| \# Variable(s) | 16 |

## HORSE

| \# Cases | 5177 |
| :--- | :--- |
| \# Variable(s) | 25 |


| MULE |  |
| :--- | :--- |
| \# Cases | 1589 |
| \# Variable(s) | 25 |


| NEWBIRTH |  |
| :--- | :--- |
| \# Cases | 144831 |
| \# Variable(s) | 32 |


| POULTRY |  |
| :--- | :--- |
| \# Cases | 39481 |
| \# Variable(s) | 35 |


| SHEEP |  |
| :--- | :--- |
| \# Cases | 24614 |
| \# Variable(s) | 46 |


| VACCINATION FILTER QUESTION |  |
| :--- | :--- |
| \# Cases | 70702 |
| \# Variable(s) | 8 |

## VACCIN

\# Cases 24589
\# Variable(s) 29

## Variables List

## Dataset contains 464 variable(s)

File BEEHIVE

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | $\underline{\text { REG }}$ | Region | discrete | numeric-2.0 | 70702 | 0 | Region |
| 2 | $\underline{\text { ZONE }}$ | Zone | discrete | numeric-2.0 | 70702 | 0 | Zone |
| 3 | $\underline{\text { DIST }}$ | Wereda | continuous | numeric-2.0 | 70702 | 0 | Wereda |
| 4 | $\underline{\text { FA }}$ | Farmers Association | continuous | numeric-3.0 | 70702 | 0 | Farmers Assocation |
| 5 | $\underline{\text { EA }}$ | Enumeration | discrete | numeric-2.0 | 70702 | 0 | Enumeration Area |
| 6 | $\underline{\text { HH }}$ | House Hold ID | continuous | numeric-3.0 | 70702 | 0 | Household Number |
| 7 | $\underline{\text { V07 }}$ | Holder Serial Number | continuous | numeric-1.0 | 70702 | 0 | Household Serial Number |
| 8 | $\underline{\text { PQ2 }}$ | PQ2 | discrete | numeric-1.0 | 70702 | 0 | Did You Have Livestock During The <br> Reference Period (Nov 12, 2007 to <br> Nov 10, 2008)? |
| 9 | $\underline{\text { P229 }}$ | Total beehive | continuous | numeric-3.0 | 70702 | 0 | Total beehive |
| 10 | $\underline{\text { P230 }}$ | Traditional beehives | continuous | numeric-3.0 | 70702 | 0 | Traditional beehives |
| 11 | $\underline{\text { P231 }}$ | Intermediate beehives | continuous | numeric-2.0 | 70702 | 0 | Intermediate beehives |
| 12 | $\underline{\text { P232 }}$ | Modern beehives | continuous | numeric-2.0 | 70702 | 0 | Modern beehives |

File CAMEL

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | $\underline{\text { REG }}$ | Region | discrete | numeric-2.0 | 1969 | 0 | Region |
| 2 | $\underline{\text { ZONE }}$ | Zone | discrete | numeric-2.0 | 1969 | 0 | Zone |
| 3 | $\underline{\text { DIST }}$ | Wereda | discrete | numeric-2.0 | 1969 | 0 | Wereda |
| 4 | $\underline{\text { FA }}$ | Farmers Association | continuous | numeric-3.0 | 1969 | 0 | Farmers Association |
| 5 | $\underline{\text { EA }}$ | Enumeration Area | discrete | numeric-2.0 | 1969 | 0 | Enumeration Area |
| 6 | $\underline{\text { HH }}$ | Household Number | continuous | numeric-3.0 | 1969 | 0 | Household Number |
| 7 | $\underline{\text { V07 }}$ | Holder Number | discrete | numeric-1.0 | 1969 | 0 | Holder Number |
| 8 | $\underline{\text { P178 }}$ | Total CAMELS of all ages | continuous | numeric-3.0 | 1969 | 0 | Total CAMELS of all ages |
| 9 | $\underline{\text { P179 }}$ | Male CAMELS of all ages | continuous | numeric-2.0 | 1969 | 0 | Male CAMELS of all ages |
| 10 | $\underline{\text { P180 }}$ | Female CAMELS of all <br> ages | continuous | numeric-3.0 | 1969 | 0 | Female CAMELS of all ages |
| 11 | $\underline{\text { P181 }}$ | Total camels age less than <br> 4 years | continuous | numeric-2.0 | 1969 | 0 | Total camels age less than 4 years |
| 12 | $\underline{\text { P182 }}$ | Male camels age less than <br> 4 years | discrete | numeric-2.0 | 1969 | 0 | Male camels age less than 4 years |
| 13 | $\underline{\text { P183 }}$ | Female camels age less <br> than 4 years | discrete | numeric-2.0 | 1969 | 0 | Female camels age less than 4 <br> years |
| 14 | $\underline{\text { P184 }}$ | Total camels age 4 years <br> and older | continuous | numeric-3.0 | 1969 | 0 | Total camels age 4 years and older |
| 15 | $\underline{\text { P185 }}$ | Male camels age 4 years <br> and older | continuous | numeric-2.0 | 1969 | 0 | Male camels age 4 years and older |

File CAMEL

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 16 | P186 | Female camels age 4 years and older | continuous | numeric-3.0 | 1969 | 0 | Female camels age 4 years and older |
| 17 | P187 | Total camels for slaughter age 4 years and older | discrete | numeric-2.0 | 1969 | 0 | Total camels for slaughter age 4 years and older |
| 18 | P188 | Male camels for slaughter age 4 years and older | discrete | numeric-2.0 | 1969 | 0 | Male camels for slaughter age 4 years and older |
| 19 | P189 | Female camels for slaughter age 4 years and older | discrete | numeric-2.0 | 1969 | 0 | Female camels for slaughter age 4 years and older |
| 20 | P190 | Total camles used for draft porpuse age 4 years and older | discrete | numeric-2.0 | 1969 | 0 | Total camles used for draft porpuse age 4 years and older |
| 21 | P191 | Male camles used for draft porpuse age 4 years and older | discrete | numeric-1.0 | 1969 | 0 | Male camles used for draft porpuse age 4 years and older |
| 22 | P192 | Female camles used for draft porpuse age 4 years and older | discrete | numeric-2.0 | 1969 | 0 | Female camles used for draft porpuse age 4 years and older |
| 23 | P193 | Total camels for milk purpose age 4 years and older | continuous | numeric-2.0 | 1969 | 0 | Total camels for milk purpose age 4 years and older |
| 24 | P194 | Female camels for milk purpose age 4 years and older | continuous | numeric-2.0 | 1969 | 0 | Female camels for milk purpose age 4 years and older |
| 25 | P195 | Total camels for transportation porpuse age 4 years and older | continuous | numeric-2.0 | 1969 | 0 | Total camels for transportation porpuse age 4 years and older |
| 26 | P196 | Male camels for transportation porpuse age 4 years and older | continuous | numeric-2.0 | 1969 | 0 | Male camels for transportation porpuse age 4 years and older |
| 27 | P197 | Female camels for transportation porpuse age 4 years and older | continuous | numeric-2.0 | 1969 | 0 | Female camels for transportation porpuse age 4 years and older |
| 28 | P198 | Total camels for other purpose age 4 years and older | continuous | numeric-3.0 | 1969 | 0 | Total camels for other purpose age 4 years and older |
| 29 | P199 | Male camels for other purpose age 4 years and older | discrete | numeric-2.0 | 1969 | 0 | Male camels for other purpose age 4 years and older |
| 30 | P200 | Female camels for other purpose age 4 years and older | continuous | numeric-3.0 | 1969 | 0 | Female camels for other purpose age 4 years and older |

## File CATTLEFEED

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | REG | Region | discrete | numeric-2.0 | 378777 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 378777 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 378777 | 0 | Wereda |
| 4 | FA | FA | continuous | numeric-3.0 | 378777 | 0 | Farmers' Association |
| 5 | EA | EA | discrete | numeric-2.0 | 378777 | 0 | Enumeration Area |

File CATTLEFEED

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 6 | $\underline{H H}$ | HH | continuous | numeric-3.0 | 378777 | 0 | Household Number |
| 7 | $\underline{\text { V07 }}$ | HHolder | discrete | numeric-1.0 | 378777 | 0 | Holder Number |
| 8 | $\underline{\text { PQ181 }}$ | Serial No. | discrete | numeric-1.0 | 378777 | 0 | Serial Number |
| 9 | $\underline{\text { PQ182 }}$ | Type of livestock feed | discrete | numeric-1.0 | 378777 | 0 | Type of livestock feed |
| 10 | $\underline{\text { PQ183 }}$ | Used | discrete | numeric-1.0 | 378777 | 0 | Used |
| 11 | $\underline{\text { PQ184 }}$ | Percentage used | continuous | numeric-3.0 | 378777 | 0 | Percentage used |
| 12 | $\underline{\text { PQ185 }}$ | Source | discrete | numeric-1.0 | 378777 | 0 | Source |

## File COW

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 70715 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 70715 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 70715 | 0 | Wereda |
| 4 | FA | FA | continuous | numeric-3.0 | 70715 | 0 | Farmers' Association |
| 5 | EA | EA | discrete | numeric-2.0 | 70715 | 0 | Enumeration Area |
| 6 | HH | HH | continuous | numeric-3.0 | 70715 | 0 | Household Number |
| 7 | V07 | HHolder | discrete | numeric-1.0 | 70715 | 0 | Holder Number |
| 8 | P01 | Total cattle of all age | continuous | numeric-3.0 | 70715 | 0 | Total cattle of all age |
| 9 | P 02 | Male cattle of all age | continuous | numeric-3.0 | 70715 | 0 | Male cattle of all age |
| 10 | P03 | Female cattle of all age | continuous | numeric-3.0 | 70715 | 0 | Female cattle of all age |
| 11 | P04 | Total cattle age less than 6 months | continuous | numeric-2.0 | 70715 | 0 | Total cattle age less than 6 months |
| 12 | P05 | Male cattle age less than 6 months | discrete | numeric-2.0 | 70715 | 0 | Male cattle age less than 6 months |
| 13 | P06 | Female cattle age less than 6 months | discrete | numeric-2.0 | 70715 | 0 | Female cattle age less than 6 months |
| 14 | P 07 | Total cattle age 6 months to 1 year | continuous | numeric-2.0 | 70715 | 0 | Total cattle age 6 months to 1 year |
| 15 | P08 | Male cattle age 6 months to 1 year | discrete | numeric-2.0 | 70715 | 0 | Male cattle age 6 months to 1 year |
| 16 | P09 | Feamle cattle age 6 months to 1 year | discrete | numeric-2.0 | 70715 | 0 | Feamle cattle age 6 months to 1 year |
| 17 | P10 | Total cattle age 1 year to 3 years | continuous | numeric-2.0 | 70715 | 0 | Total cattle age 1 year to 3 years |
| 18 | P11 | Male cattle age 1 year to 3 years | continuous | numeric-2.0 | 70715 | 0 | Male cattle age 1 year to 3 years |
| 19 | P12 | Female cattle age 1 year to 3 years | continuous | numeric-2.0 | 70715 | 0 | Female cattle age 1 year to 3 years |
| 20 | P13 | Total cattle age 3 years to 10 years | continuous | numeric-3.0 | 70715 | 0 | Total cattle age 3 years to 10 years |
| 21 | P14 | Male cattle age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Male cattle age 3 years to 10 years |
| 22 | P15 | Femal cattle age 3 years to 10 years | continuous | numeric-3.0 | 70715 | 0 | Femal cattle age 3 years to 10 years |

File COW

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 23 | P16 | Total beef cattle age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Total beef cattle age 3 years to 10 years |
| 24 | P17 | Male beef cattle age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Male beef cattle age 3 years to 10 years |
| 25 | P18 | Female beef cattle age 3 years to 10 years | discrete | numeric-2.0 | 70715 | 0 | Female beef cattle age 3 years to 10 years |
| 26 | P19 | Total breeding cattle age 3 years to 10 years | continuous | numeric-3.0 | 70715 | 0 | Total breeding cattle age 3 years to 10 years |
| 27 | P20 | Male breeding cattle age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Male breeding cattle age 3 years to 10 years |
| 28 | P21 | Female breeding cattle age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Female breeding cattle age 3 years to 10 years |
| 29 | P22 | Total Diary cows age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Total Diary cows age 3 years to 10 years |
| 30 | P23 | Female Diary cows age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Female Diary cows age 3 years to 10 years |
| 31 | P24 | Total cows gave milk for the last 12 months age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Total cows gave milk for the last 12 months age 3 years to 10 years |
| 32 | P25 | Female cows gave milk for the last 12 months age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Female cows gave milk for the last 12 months age 3 years to 10 years |
| 33 | P26 | Total Draft cattle age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Total Draft cattle age 3 years to 10 years |
| 34 | P27 | Male Draft cattle age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Male Draft cattle age 3 years to 10 years |
| 35 | P28 | Female Draft cattle age 3 years to 10 years | discrete | numeric-2.0 | 70715 | 0 | Female Draft cattle age 3 years to 10 years |
| 36 | P29 | Total cattle for other purposes age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Total cattle for other purposes age 3 years to 10 years |
| 37 | P30 | Male cattle for other purposes age 3 years to 10 years | discrete | numeric-2.0 | 70715 | 0 | Male cattle for other purposes age 3 years to 10 years |
| 38 | P31 | Female cattle for other purposes age 3 years to 10 years | continuous | numeric-2.0 | 70715 | 0 | Female cattle for other purposes age 3 years to 10 years |
| 39 | P32 | Total cattle 10 years and older | continuous | numeric-2.0 | 70715 | 0 | Total cattle 10 years and older |
| 40 | P33 | Male cattle 10 years and older | discrete | numeric-2.0 | 70715 | 0 | Male cattle 10 years and older |
| 41 | P34 | Female cattle 10 years and older | discrete | numeric-2.0 | 70715 | 0 | Female cattle 10 years and older |
| 42 | P35 | Total Grand | continuous | numeric-3.0 | 70715 | 0 | Total Grand |
| 43 | P36 | Male Total Grand | continuous | numeric-3.0 | 70715 | 0 | Male Total Grand |
| 44 | P37 | Female Total Grand | continuous | numeric-3.0 | 70715 | 0 | Female Total Grand |
| 45 | P38 | Total Local breed | continuous | numeric-3.0 | 70715 | 0 | Total Local breed |
| 46 | P39 | Male Total Local breed | continuous | numeric-3.0 | 70715 | 0 | Male Total Local breed |
| 47 | P40 | Female Total Local breed | continuous | numeric-3.0 | 70715 | 0 | Female Total Local breed |

File COW

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 48 | $\underline{P 41}$ | Total Exotic | discrete | numeric-2.0 | 70715 | 0 | Total Exotic |
| 49 | $\underline{P 42}$ | Male Total Exotic | discrete | numeric-1.0 | 70715 | 0 | Male Total Exotic |
| 50 | $\underline{P 43}$ | Female Total Exotic | discrete | numeric-1.0 | 70715 | 0 | Female Total Exotic |
| 51 | $\underline{\mathrm{P} 44}$ | Total Hybrid | discrete | numeric-2.0 | 70715 | 0 | Total Hybrid |
| 52 | $\underline{\mathrm{P} 45}$ | Male Total Hybrid | discrete | numeric-1.0 | 70715 | 0 | Male Total Hybrid |
| 53 | $\underline{\mathrm{P} 46}$ | Female Total Hybrid | discrete | numeric-1.0 | 70715 | 0 | Female Total Hybrid |

## File COWCAMEL

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 62515 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 62515 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 62515 | 0 | Wereda |
| 4 | FA | FA | continuous | numeric-3.0 | 62515 | 0 | Farmers' Association |
| 5 | EA | EA | discrete | numeric-2.0 | 62515 | 0 | Enumeration Area |
| 6 | HH | HH | continuous | numeric-3.0 | 62515 | 0 | Household Number |
| 7 | V07 | HHolder | discrete | numeric-1.0 | 62515 | 0 | Holder Number |
| 8 | P239 | cows that give milk during the reference period | continuous | numeric-2.0 | 62515 | 0 | Cows that give milk during the reference period |
| 9 | P240 | Average number of months cows actually milked | continuous | numeric-2.0 | 62515 | 0 | Average number of months cows actually milked |
| 10 | P241 | Average lactation period of cows in months | continuous | numeric-4.0 | 62515 | 0 | Average lactation period of cows in months |
| 11 | P2421 | P2421 | continuous | numeric-4.0 | 62515 | 0 | Milk production per day per cow in liters (Integer) |
| 12 | P242D | P242D | continuous | numeric-3.0 | 62515 | 0 | Milk production per day per cow in liters (Decimal) |
| 13 | P243 | Camels that give milk during the reference period | continuous | numeric-2.0 | 62515 | 0 | Camels that give milk during the reference period |
| 14 | P244 | Average number of months cmels actually milked | continuous | numeric-3.0 | 62515 | 0 | Average number of months cmels actually milked |
| 15 | P245 | Average lactation period of camels in months | continuous | numeric-2.0 | 62515 | 0 | Average lactation period of camels in months |
| 16 | P2461 | P246I | continuous | numeric-2.0 | 62515 | 0 | Milk production per day per camel (Integer) |
| 17 | P246D | P246D | continuous | numeric-3.0 | 62515 | 0 | Milk production per day per camel (Decimal) |

## File DISEASE

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| ---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | REG | Region | discrete | numeric-2.0 | 60753 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 60753 | 0 | Zone |

File DISEASE

| $\#$ | Name | Label | Type | Format | Valid | Invalid |  |
| :---: | :--- | :--- | :---: | :--- | :--- | :--- | :--- |
| 3 | $\underline{\text { DIST }}$ | Wereda | continuous | numeric-2.0 | 60753 | 0 | Wereda |
| 4 | $\underline{\text { FA }}$ | FA | continuous | numeric-3.0 | 60753 | 0 | Farmers' Association |
| 5 | $\underline{\text { EA }}$ | EA | discrete | numeric-2.0 | 60753 | 0 | Enumeration Area |
| 6 | $\underline{\text { HH }}$ | HH | continuous | numeric-3.0 | 60753 | 0 | Household Number |
| 7 | $\underline{\text { V07 }}$ | HHolder | discrete | numeric-1.0 | 60753 | 0 | Holder Number |
| 8 | $\underline{\text { PQ151 }}$ | Ser. No. | discrete | numeric-1.0 | 60753 | 0 | Serial Number |
| 9 | PQ1531 | Affected_Total | continuous | numeric-3.0 | 60753 | 0 | Affected Total |
| 10 | $\underline{\text { PQ1532 }}$ | Affected_Male | continuous | numeric-2.0 | 60753 | 0 | Affected Total |
| 11 | $\underline{\text { PQ1533 }}$ | Affected_Female | continuous | numeric-2.0 | 60753 | 0 | Affected Total |
| 12 | $\underline{\text { PQ1541 }}$ | Treated_Total | continuous | numeric-2.0 | 60753 | 0 | Treated Total |
| 13 | $\underline{\text { PQ1542 }}$ | Treated_Male | Treated_Female | continuous | numeric-2.0 | 60753 | 0 |
| 14 | $\underline{\text { PQ1543 }}$ |  |  | Treated Female |  |  |  |

## File DONKEY

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 19402 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 19402 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 19402 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 19402 | 0 | Farmers' Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 19402 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 19402 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 19402 | 0 | Holder Number |
| 8 | P160 | Total ASSES of all ages | continuous | numeric-2.0 | 19402 | 0 | Total ASSES of all ages |
| 9 | P161 | Male ASSES of all ages | discrete | numeric-2.0 | 19402 | 0 | Male ASSES of all ages |
| 10 | P162 | Female ASSES of all ages | continuous | numeric-2.0 | 19402 | 0 | Female ASSES of all ages |
| 11 | P163 | Total Asses age less than 3 years | discrete | numeric-2.0 | 19402 | 0 | Total Asses age less than 3 years |
| 12 | P164 | Male Asses age less than 3 years | discrete | numeric-2.0 | 19402 | 0 | Male Asses age less than 3 years |
| 13 | P165 | Female Asses age less than 3 years | discrete | numeric-1.0 | 19402 | 0 | Female Asses age less than 3 years |
| 14 | P166 | Total Asses age 3 years and older | continuous | numeric-2.0 | 19402 | 0 | Total Asses age 3 years and older |
| 15 | P167 | Male Asses age 3 years and older | discrete | numeric-2.0 | 19402 | 0 | Male Asses age 3 years and older |
| 16 | P168 | Female Asses age 3 years and older | continuous | numeric-2.0 | 19402 | 0 | Female Asses age 3 years and older |
| 17 | P169 | Total Asses for draft purpose age 3 years and older | discrete | numeric-1.0 | 19402 | 0 | Total Asses for draft purpose age 3 years and older |
| 18 | P170 | Male Asses for draft purpose age 3 years and older | discrete | numeric-1.0 | 19402 | 0 | Male Asses for draft purpose age 3 years and older |

File DONKEY

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| 19 | $\underline{\text { P171 }}$ | Female Asses for draft <br> purpose age 3 years and <br> older | discrete | numeric-1.0 | 19402 | 0 | Female Asses for draft purpose age <br> 3 years and older |
| 20 | $\underline{\text { P172 }}$ | Total Asses for <br> transportation age 3 years <br> and older | continuous | numeric-2.0 | 19402 | 0 | Total Asses for transportation age 3 <br> years and older |
| 21 | $\underline{\text { P173 }}$ | Male Asses for <br> transportation age 3 years <br> and older | discrete | numeric-2.0 | 19402 | 0 | Male Asses for transportation age 3 <br> years and older |
| 22 | $\underline{\text { P174 }}$ | Female Asses for <br> transportation age 3 years <br> and older | continuous | numeric-2.0 | 19402 | 0 | Female Asses for transportation age <br> 3 years and older |
| 23 | $\underline{\text { P175 }}$ | Total Asses for other <br> purpose age 3 years and <br> older | discrete | numeric-2.0 | 19402 | 0 | Total Asses for other purpose age 3 <br> years and older |
| 24 | $\underline{\text { P176 }}$ | $\underline{l}$Male Asses for other <br> purpose age 3 years and <br> older | discrete | numeric-1.0 | 19402 | 0 | Male Asses for other purpose age 3 <br> years and older |
| 25 | $\underline{\text { P177 }}$ | Female Asses for other <br> purpose age 3 years and <br> older | discrete | numeric-1.0 | 19402 | 0 | Female Asses for other purpose age <br> 3 years and older |

File EGG

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 39584 | 0 | - |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 39584 | 0 | - |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 39584 | 0 | - |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 39584 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 39584 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 39584 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 39584 | 0 | Holder Number |
| 8 | P 247 | Egg production - per hen per clutch_Ind | continuous | numeric-3.0 | 39584 | 0 | Egg production - per hen per clutch_Ind |
| 9 | P248 | Egg production - per hen per clutch_Hybrid | continuous | numeric-3.0 | 39584 | 0 | Egg production - per hen per clutch_Hybrid |
| 10 | P249 | Egg production - per hen per clutch_Foreign | continuous | numeric-3.0 | 39584 | 0 | Egg production - per hen per clutch_Foreign |
| 11 | P250 | Average number of clutch_ind | continuous | numeric-3.0 | 39584 | 0 | Average number of clutch_ind |
| 12 | P251 | Average number of clutch_Hybrid | continuous | numeric-3.0 | 39584 | 0 | Average number of clutch_Hybrid |
| 13 | P252 | Average number of clutch_Foreign | continuous | numeric-4.0 | 39584 | 0 | Average number of clutch_Foreign |
| 14 | P253 | Total number of clutch during the reference period_Ind | continuous | numeric-3.0 | 39584 | 0 | Total number of clutch during the reference period_Ind |
| 15 | P254 | Total number of clutch during the reference period_Hybrid | continuous | numeric-3.0 | 39584 | 0 | Total number of clutch during the reference period_Hybrid |

File EGG

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| 16 | $\underline{\text { P255 }}$ | Total number of clutch <br> during the reference <br> period_Foreign | discrete | numeric-1.0 | 39584 | 0 | Total number of clutch during the <br> reference period_Foreign |

## File EXTENSION

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | REG | Region | discrete | numeric-2.0 | 68797 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 68797 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 68797 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 68797 | 0 | - |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 68797 | 0 | - |
| 6 | $\underline{\text { HH }}$ | Household Number | continuous | numeric-3.0 | 68797 | 0 | - |
| 7 | $\underline{\text { V07 }}$ | Holder Number | discrete | numeric-1.0 | 68797 | 0 | - |
| 8 | $\underline{\text { PQ19 }}$ | Livestock Extention | discrete | numeric-1.0 | 68797 | 0 | Did you participate in any Livestock <br> Extension Program during the <br> reference period? |
| 9 | $\underline{\text { PQ20 }}$ | Type of Extention | discrete | numeric-1.0 | 68797 | 0 | What was the type of Extention <br> package? |

## File GOAT

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 21703 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 21703 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 21703 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 21703 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 21703 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 21703 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 21703 | 0 | Holder Number |
| 8 | P86 | Total GOATS of all ages | continuous | numeric-3.0 | 21703 | 0 | Total GOATS of all ages |
| 9 | P87 | Male GOATS of all ages | continuous | numeric-2.0 | 21703 | 0 | Male GOATS of all ages |
| 10 | P88 | Female GOATS of all ages | continuous | numeric-3.0 | 21703 | 0 | Female GOATS of all ages |
| 11 | P89 | Total goats age less than 6 months | continuous | numeric-2.0 | 21703 | 0 | Total goats age less than 6 months |
| 12 | P90 | Male goats age less than 6 months | continuous | numeric-2.0 | 21703 | 0 | Male goats age less than 6 months |
| 13 | P91 | Female goats age less than 6 months | continuous | numeric-2.0 | 21703 | 0 | Female goats age less than 6 months |
| 14 | P92 | Total goats age 6 months to 1 year | continuous | numeric-2.0 | 21703 | 0 | Total goats age 6 months to 1 year |
| 15 | P93 | Male goats age 6 months to 1 year | continuous | numeric-2.0 | 21703 | 0 | Male goats age 6 months to 1 year |
| 16 | P94 | Female goats age 6 months to 1 year | continuous | numeric-2.0 | 21703 | 0 | Female goats age 6 months to 1 year |

## File GOAT

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 17 | P95 | Total goats age 1year to 2 years | continuous | numeric-2.0 | 21703 | 0 | Total goats age 1year to 2 years |
| 18 | P96 | Male goats age 1year to 2 years | continuous | numeric-2.0 | 21703 | 0 | Male goats age 1year to 2 years |
| 19 | P97 | Female goats age 1year to 2 years | continuous | numeric-2.0 | 21703 | 0 | Female goats age 1year to 2 years |
| 20 | P98 | Total goats age 2 years and olders | continuous | numeric-3.0 | 21703 | 0 | Total goats age 2 years and olders |
| 21 | P99 | Male goats age 2 years and olders | continuous | numeric-2.0 | 21703 | 0 | Male goats age 2 years and olders |
| 22 | P100 | Female goats age 2 years and olders | continuous | numeric-3.0 | 21703 | 0 | Female goats age 2 years and olders |
| 23 | P101 | Total goats for meat age 2 years and older | continuous | numeric-2.0 | 21703 | 0 | Total goats for meat age 2 years and older |
| 24 | P102 | Male goats for meat age 2 years and older | continuous | numeric-2.0 | 21703 | 0 | Male goats for meat age 2 years and older |
| 25 | P103 | Female goats for meat age 2 years and older | continuous | numeric-2.0 | 21703 | 0 | Female goats for meat age 2 years and older |
| 26 | P104 | Total Diary goats age 2 years and older | continuous | numeric-2.0 | 21703 | 0 | Total Diary goats age 2 years and older |
| 27 | P105 | Female Diary goats age 2 years and older | continuous | numeric-2.0 | 21703 | 0 | Female Diary goats age 2 years and older |
| 28 | P106 | Total goats for breeding only age 2 years and older | continuous | numeric-3.0 | 21703 | 0 | Total goats for breeding only age 2 years and older |
| 29 | P107 | Male goats for breeding only age 2 years and older | continuous | numeric-2.0 | 21703 | 0 | Male goats for breeding only age 2 years and older |
| 30 | P108 | Female goats for breeding only age 2 years and older | continuous | numeric-3.0 | 21703 | 0 | Female goats for breeding only age 2 years and older |
| 31 | P109 | Total goats for other porpuses age 2 years and older | discrete | numeric-2.0 | 21703 | 0 | Total goats for other porpuses age 2 years and older |
| 32 | P110 | Male goats for other porpuses age 2 years and older | discrete | numeric-2.0 | 21703 | 0 | Male goats for other porpuses age 2 years and older |
| 33 | P111 | Female goats for other porpuses age 2 years and older | discrete | numeric-2.0 | 21703 | 0 | Female goats for other porpuses age 2 years and older |
| 34 | P112 | Total Grand | continuous | numeric-3.0 | 21703 | 0 | Total Grand |
| 35 | P113 | Male Total Grand | continuous | numeric-2.0 | 21703 | 0 | Male Total Grand |
| 36 | P114 | Female Total Grand | continuous | numeric-3.0 | 21703 | 0 | Female Total Grand |
| 37 | P115 | Total Local breed | continuous | numeric-3.0 | 21703 | 0 | Total Local breed |
| 38 | P116 | Male Total Local breed | continuous | numeric-2.0 | 21703 | 0 | Male Total Local breed |
| 39 | P117 | Female Total Local breed | continuous | numeric-3.0 | 21703 | 0 | Female Total Local breed |
| 40 | P118 | Total Exotic | discrete | numeric-1.0 | 21703 | 0 | Total Exotic |
| 41 | P119 | Male Total Exotic | discrete | numeric-1.0 | 21703 | 0 | Male Total Exotic |
| 42 | P120 | Female Total Exotic | discrete | numeric-1.0 | 21703 | 0 | Female Total Exotic |
| 43 | P121 | Total HYbrid | discrete | numeric-1.0 | 21703 | 0 | Total Hybrid |

File GOAT

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 44 | $\underline{\text { P122 }}$ | Male Total HYbrid | discrete | numeric-1.0 | 21703 | 0 | Male Total Hybrid |
| 45 | $\underline{P 123}$ | Female Total HYbrid | discrete | numeric-1.0 | 21703 | 0 | Female Total Hybrid |

File HHINFO

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | $\underline{\text { REG }}$ | Region | discrete | numeric-2.0 | 70729 | 0 | Region |
| 2 | $\underline{\text { ZONE }}$ | Zone | discrete | numeric-2.0 | 70729 | 0 | - |
| 3 | $\underline{\text { DIST }}$ | Wereda | continuous | numeric-2.0 | 70729 | 0 | Wereda |
| 4 | $\underline{\text { FA }}$ | Farmers Association | continuous | numeric-3.0 | 70729 | 0 | Farmers Association |
| 5 | $\underline{\text { EA }}$ | Enumeration Area | discrete | numeric-2.0 | 70729 | 0 | Enumeration Area |
| 6 | $\underline{\text { HH }}$ | Household Number | continuous | numeric-3.0 | 70729 | 0 | Household Number |
| 7 | $\underline{\text { V07 }}$ | Holder Number | discrete | numeric-1.0 | 70729 | 0 | Holder Number |
| 8 | $\underline{\text { V09 }}$ | Age | continuous | numeric-2.0 | 70729 | 0 | Age |
| 9 | $\underline{\text { V10 }}$ | Sex | discrete | numeric-1.0 | 70729 | 0 | Sex |
| 10 | $\underline{\text { V11 }}$ | Education | discrete | numeric-2.0 | 70727 | 2 | Education |
| 11 | $\underline{\text { V12 }}$ | Hold Size | continuous | numeric-2.0 | 70729 | 0 | Hold Size |
| 12 | $\underline{\text { V13 }}$ | Type | discrete | numeric-1.0 | 70729 | 0 | Did You Have Livestock and/or <br> Beehives on November 10, 2010? |
| 13 | $\underline{\text { PQ1 }}$ | PQ1 | numeric-1.0 | 70729 | 0 | Type |  |
| 14 | $\underline{\text { Weight }}$ | Weight | continuous | numeric-7.2 | 70729 | 0 | Weight |
| 15 | $\underline{\text { Rate }}$ | Rate | continuous | numeric-9.7 | 70729 | 0 | Rate |

File HONEY

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | REG | Region | discrete | numeric-2.0 | 6292 | 0 | Region |
| 2 | $\underline{\text { ZONE }}$ | Zone | discrete | numeric-2.0 | 6292 | 0 | Zone |
| 3 | $\underline{\text { DIST }}$ | Wereda | continuous | numeric-2.0 | 6292 | 0 | - |
| 4 | $\underline{\text { FA }}$ | FA | continuous | numeric-3.0 | 6292 | 0 | Enumeration Area |
| 5 | $\underline{\text { EA }}$ | EA | discrete | numeric-2.0 | 6292 | 0 | Farmers Association |
| 6 | $\underline{\text { HH }}$ | HH | continuous | numeric-3.0 | 6292 | 0 | Household Number |
| 7 | $\underline{\text { V07 }}$ | HHolder | discrete | numeric-1.0 | 6292 | 0 | Holder Number |
| 8 | $\underline{\text { P233I }}$ | P233I | continuous | numeric-4.0 | 6292 | 0 | - |
| 9 | $\underline{\text { P233D }}$ | P233D | continuous | numeric-3.0 | 6292 | 0 | - |
| 10 | $\underline{\text { P234 }}$ | Number of harvests/ <br> Traditional hive/yaer | continuous | numeric-2.0 | 6292 | 0 | Number of harvests/Traditional hive/ <br> yaer |
| 11 | $\underline{\text { P235I }}$ | P235I | continuous | numeric-4.0 | 6292 | 0 | - |
| 12 | $\underline{\text { P235D }}$ | P235D | continuous | numeric-3.0 | 6292 | 0 | - |
| 13 | $\underline{\text { P236 }}$ | Number of harvests/ <br> Intermediate hive/year | discrete | numeric-2.0 | 6292 | 0 | - |
| 14 | $\underline{\text { P237I }}$ | P237I | continuous | numeric-4.0 | 6292 | 0 | - |

File HONEY

| $\#$ | Name | Label | Type | Format | Valid | Invalid |  |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| 15 | $\underline{\text { P237D }}$ | P237D | continuous | numeric-3.0 | 6292 | 0 | - |
| 16 | $\underline{\text { P238 }}$ | Number of harvest/Modern <br> hive/year | discrete | numeric-2.0 | 6292 | 0 | - |

File HORSE

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 5177 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 5177 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 5177 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-2.0 | 5177 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 5177 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 5177 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 5177 | 0 | Holder Number |
| 8 | P124 | Total HORSES of all ages | continuous | numeric-2.0 | 5177 | 0 | Total HORSES of all ages |
| 9 | P125 | Male HORSES of all ages | discrete | numeric-2.0 | 5177 | 0 | Male HORSES of all ages |
| 10 | P126 | Female HORSES of all ages | discrete | numeric-2.0 | 5177 | 0 | Female HORSES of all ages |
| 11 | P127 | Total horses age less than 3 years | discrete | numeric-2.0 | 5177 | 0 | Total horses age less than 3 years |
| 12 | P128 | Male horses age less than 3 years | discrete | numeric-1.0 | 5177 | 0 | Male horses age less than 3 years |
| 13 | P129 | Female horses age less than 3 years | discrete | numeric-1.0 | 5177 | 0 | Female horses age less than 3 years |
| 14 | P 130 | Total horses age 3 years and older | discrete | numeric-2.0 | 5177 | 0 | Total horses age 3 years and older |
| 15 | P131 | Male horses age 3 years and older | discrete | numeric-1.0 | 5177 | 0 | Male horses age 3 years and older |
| 16 | P132 | Female horses age 3 years and older | discrete | numeric-2.0 | 5177 | 0 | Female horses age 3 years and older |
| 17 | P133 | Total horses used primarily for draft porpose age 3 years and older | discrete | numeric-1.0 | 5177 | 0 | Total horses used primarily for draft porpose age 3 years and older |
| 18 | P134 | Male horses used primarily for draft porpose age 3 years and older | discrete | numeric-1.0 | 5177 | 0 | Male horses used primarily for draft porpose age 3 years and older |
| 19 | P135 | Female horses used primarily for draft porpose age 3 years and older | discrete | numeric-1.0 | 5177 | 0 | Female horses used primarily for draft porpose age 3 years and older |
| 20 | P136 | Total horses for transportaion age 3 years and older | discrete | numeric-2.0 | 5177 | 0 | Total horses for transportaion age 3 years and older |
| 21 | P 137 | Male horses for transportaion age 3 years and older | discrete | numeric-1.0 | 5177 | 0 | Male horses for transportaion age 3 years and older |
| 22 | P138 | Female horses for transportaion age 3 years and older | discrete | numeric-1.0 | 5177 | 0 | Female horses for transportaion age 3 years and older |

File HORSE

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| 23 | $\underline{\text { P139 }}$ | Total horses for <br> transportation age 3 years <br> and older | discrete | numeric-2.0 | 5177 | 0 | Total horses for transportation age 3 <br> years and older |
| 24 | $\underline{\text { P140 }}$ | Male horses for <br> transportation age 3 years <br> and older | discrete | numeric-1.0 | 5177 | 0 | Male horses for transportation age 3 <br> years and older |
| 25 | $\underline{\text { P141 }}$ | Female horses for <br> transportation age 3 years <br> and older | discrete | numeric-2.0 | 5177 | 0 | Female horses for transportation age <br> 3 years and older |

## File MULE

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-1.0 | 1589 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 1589 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 1589 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-2.0 | 1589 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 1589 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 1589 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 1589 | 0 | Holder Number |
| 8 | P142 | Total MULES of all ages | discrete | numeric-1.0 | 1589 | 0 | Total MULES of all ages |
| 9 | P143 | Male MULES of all ages | discrete | numeric-1.0 | 1589 | 0 | Male MULES of all ages |
| 10 | P144 | Female MULES of all ages | discrete | numeric-1.0 | 1589 | 0 | Female MULES of all ages |
| 11 | P145 | Total mules age less than 3 years | discrete | numeric-1.0 | 1589 | 0 | Total mules age less than 3 years |
| 12 | P146 | Male mules age less than 3 years | discrete | numeric-1.0 | 1589 | 0 | Male mules age less than 3 years |
| 13 | P 147 | Female mules age less than 3 years | discrete | numeric-1.0 | 1589 | 0 | Female mules age less than 3 years |
| 14 | P148 | Total mules age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Total mules age 3 years and older |
| 15 | P149 | Male mules age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Male mules age 3 years and older |
| 16 | P150 | Female mules age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Female mules age 3 years and older |
| 17 | P151 | Total mules used primarily for draft porpuse age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Total mules used primarily for draft porpuse age 3 years and older |
| 18 | P152 | Male mules used primarily for draft porpuse age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Male mules used primarily for draft porpuse age 3 years and older |
| 19 | P153 | Female mules used primarily for draft porpuse age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Female mules used primarily for draft porpuse age 3 years and older |
| 20 | P154 | Total mules for transportation purposes age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Total mules for transportation purposes age 3 years and older |

File MULE

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :---: |
| 21 | $\underline{\text { P155 }}$ | Male mules for <br> transportation purposes <br> age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Male mules for transportation <br> purposes age 3 years and older |
| 22 | $\underline{\text { P156 }}$ | Female mules for <br> transportation purposes <br> age 3 years and older | discrete | numeric-1.0 | 1589 | 0 | Female mules for transportation <br> purposes age 3 years and older |
| 23 | $\underline{\text { P157 }}$ | Total mules for other <br> porpuse age 3 years and <br> older | discrete | numeric-1.0 | 1589 | 0 | Total mules for other porpuse age 3 <br> years and older |
| 24 | $\underline{\text { P158 }}$ | Male mules for other <br> porpuse age 3 years and <br> older | discrete | numeric-1.0 | 1589 | 0 | Male mules for other porpuse age 3 <br> years and older |
| 25 | $\underline{\text { P159 }}$ | Female mules for other <br> porpuse age 3 years and <br> older | discrete | numeric-1.0 | 1589 | 0 | Female mules for other porpuse age <br> 3 years and older |

## File NEWBIRTH

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 144831 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 144831 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 144831 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 144831 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 144831 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 144831 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 144831 | 0 | Holder Number |
| 8 | PQ161 | Serial No. | discrete | numeric-1.0 | 144831 | 0 | Serial Number |
| 9 | PQ1631 | Born_Total | continuous | numeric-3.0 | 144831 | 0 | Total Birth |
| 10 | PQ1632 | Born_Male | continuous | numeric-3.0 | 144831 | 0 | Born Male |
| 11 | PQ1633 | Born_Male | continuous | numeric-3.0 | 144831 | 0 | Born Male |
| 12 | PQ1641 | Bought_Total | continuous | numeric-3.0 | 144831 | 0 | Total Purchases |
| 13 | PQ1642 | Bought_Male | continuous | numeric-3.0 | 144831 | 0 | Male Purchased |
| 14 | PQ1643 | Bought_Female | continuous | numeric-3.0 | 144831 | 0 | Female Purchased |
| 15 | PQ1651 | Gift_Total | continuous | numeric-3.0 | 144831 | 0 | Total Acquired |
| 16 | PQ1652 | Gift_Male | discrete | numeric-2.0 | 144831 | 0 | Male Acquired |
| 17 | PQ1653 | Gift_Female | continuous | numeric-3.0 | 144831 | 0 | Female Acquired |
| 18 | PQ1661 | Sold_Total | continuous | numeric-3.0 | 144831 | 0 | Total Sales |
| 19 | PQ1662 | Sold_Male | continuous | numeric-3.0 | 144831 | 0 | Male Sales |
| 20 | PQ1663 | Sold_Female | continuous | numeric-3.0 | 144831 | 0 | Female Sales |
| 21 | PQ1671 | Sloughted_Total | continuous | numeric-3.0 | 144831 | 0 | Total Slaughters |
| 22 | PQ1672 | Sloughted_Male | continuous | numeric-3.0 | 144831 | 0 | Male Slaughters |
| 23 | PQ1673 | Sloughted_Female | continuous | numeric-3.0 | 144831 | 0 | Female Slaughters |
| 24 | PQ1681 | Given out_Total | continuous | numeric-3.0 | 144831 | 0 | Total Offered |
| 25 | PQ1682 | Given out_Male | continuous | numeric-3.0 | 144831 | 0 | Male Offered |

## File NEWBIRTH

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 26 | $\underline{\text { PQ1683 }}$ | Given out_Female | continuous | numeric-3.0 | 144831 | 0 | Female Offered |
| 27 | $\underline{\text { PQ1691 }}$ | Died due to <br> diseases_Total | continuous | numeric-3.0 | 144831 | 0 | Total Died due to diseases |
| 28 | $\underline{\text { PQ1692 }}$ | Died due to <br> diseases_male | continuous | numeric-3.0 | 144831 | 0 | Male Died due to diseases |
| 29 | $\underline{\text { PQ1693 }}$ | Died due to <br> diseases_female | continuous | numeric-3.0 | 144831 | 0 | Female Died due to diseases |
| 30 | $\underline{\text { PQ16101 }}$ | Died due to other <br> reason_Total | continuous | numeric-3.0 | 144831 | 0 | Total Died from other Reasons |
| 31 | $\underline{\text { PQ16102 }}$ | Died due to other <br> reason_male | continuous | numeric-2.0 | 144831 | 0 | Male Died from other Reasons |
| 32 | $\underline{\text { PQ16103 }}$ | Died due to other <br> reason_female | continuous | numeric-2.0 | 144831 | 0 | Female Died from other Reasons |

## File POULTRY

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 39481 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 39481 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 39481 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 39481 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 39481 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 39481 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 39481 | 0 | Holder Number |
| 8 | P201 | poultry Total | continuous | numeric-3.0 | 39481 | 0 | Total poultry |
| 9 | P202 | poultry Total_ind | continuous | numeric-3.0 | 39481 | 0 | Total poultry Indigenous |
| 10 | P203 | poultry Total_hybrid | continuous | numeric-2.0 | 39481 | 0 | Total poultry Hybrid |
| 11 | P204 | Total poultry Exotic | discrete | numeric-2.0 | 39481 | 0 | Total poultry Exotic |
| 12 | P205 | Laying hens | continuous | numeric-2.0 | 39481 | 0 | Laying hens |
| 13 | P206 | Laying hens_ind | continuous | numeric-2.0 | 39481 | 0 | Laying hens Indigenous |
| 14 | P207 | Laying hens_hybrid | discrete | numeric-2.0 | 39481 | 0 | Laying hens_hybrid |
| 15 | P208 | Laying hens Exotic | discrete | numeric-2.0 | 39481 | 0 | Laying hens Exotic |
| 16 | P209 | Non-laying hens | discrete | numeric-2.0 | 39481 | 0 | Non-laying hens |
| 17 | P210 | Non-laying hens_ind | discrete | numeric-2.0 | 39481 | 0 | Non-laying hens Indigenous |
| 18 | P211 | Non-laying hens_hybrid | discrete | numeric-2.0 | 39481 | 0 | Non-laying hens Hybrid |
| 19 | P212 | Non-laying hens Exotic | discrete | numeric-1.0 | 39481 | 0 | Non-laying hens Exotic |
| 20 | P213 | Cocks-males | discrete | numeric-2.0 | 39481 | 0 | Cocks males |
| 21 | P214 | Cocks-males_ind | discrete | numeric-2.0 | 39481 | 0 | Cocks males Indigenous |
| 22 | P215 | Cocks-males_hybrid | discrete | numeric-2.0 | 39481 | 0 | Cocks-males Hybrid |
| 23 | P216 | Cocks-males Exotic | discrete | numeric-1.0 | 39481 | 0 | Cocks-males Exotic |
| 24 | P 217 | Cockerels | discrete | numeric-2.0 | 39481 | 0 | Cockerels |
| 25 | P218 | Cockerels_ind | discrete | numeric-2.0 | 39481 | 0 | Cockerels Indigenous |

File POULTRY

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 26 | $\underline{P 219}$ | Cockerels_hybrid | discrete | numeric-2.0 | 39481 | 0 | Cockerels Hybrid |
| 27 | $\underline{P 220}$ | Cockerels Exotic | discrete | numeric-1.0 | 39481 | 0 | Cockerels Exotic |
| 28 | $\underline{P 221}$ | Pullets | continuous | numeric-2.0 | 39481 | 0 | Pullets |
| 29 | $\underline{P 222}$ | Pullets_ind | continuous | numeric-2.0 | 39481 | 0 | Pullets Indigenous |
| 30 | $\underline{P 223}$ | Pullets_hybrid | discrete | numeric-2.0 | 39481 | 0 | Pullets_hybrid |
| 31 | $\underline{P 224}$ | Pullets Exotic | discrete | numeric-1.0 | 39481 | 0 | Pullets Exotic |
| 32 | $\underline{P 225}$ | Chicks | continuous | numeric-2.0 | 39481 | 0 | Chicks |
| 33 | $\underline{P 226}$ | Chicks_ind | Continuous | numeric-2.0 | 39481 | 0 | Chicks Hybrid |
| 34 | $\underline{P 227}$ | Chicks_foreign | numeric-2.0 | 39481 | 0 | Chicks Indigenous |  |
| 35 | $\underline{P 228}$ |  | numeric-2.0 | 39481 | 0 | Chicks Exotic |  |

## File SHEEP

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 24614 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 24614 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 24614 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 24614 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 24614 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 24614 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 24614 | 0 | Holder Number |
| 8 | P47 | Total sheep of all age | continuous | numeric-3.0 | 24614 | 0 | Total sheep of all age |
| 9 | P48 | Male sheep of all age | continuous | numeric-3.0 | 24614 | 0 | Male sheep of all age |
| 10 | P49 | Female sheep of all age | continuous | numeric-3.0 | 24614 | 0 | Female sheep of all age |
| 11 | P50 | Total sheep age less than 6 months | continuous | numeric-2.0 | 24614 | 0 | Total sheep age less than 6 months |
| 12 | P51 | Male sheep age less than 6 months | continuous | numeric-2.0 | 24614 | 0 | Male sheep age less than 6 months |
| 13 | P52 | Female sheep age less than 6 months | discrete | numeric-2.0 | 24614 | 0 | Female sheep age less than 6 months |
| 14 | P53 | Total sheep age 6 months to 1 year | continuous | numeric-2.0 | 24614 | 0 | Total sheep age 6 months to 1 year |
| 15 | P54 | Male sheep age 6 months to 1 year | continuous | numeric-2.0 | 24614 | 0 | Male sheep age 6 months to 1 year |
| 16 | P55 | Female sheep age 6 months to 1 year | continuous | numeric-2.0 | 24614 | 0 | Female sheep age 6 months to 1 year |
| 17 | P56 | Total sheep age 1 years to 2 years | continuous | numeric-2.0 | 24614 | 0 | Total sheep age 1 years to 2 years |
| 18 | P57 | Male sheep age 1 years to 2 years | continuous | numeric-2.0 | 24614 | 0 | Male sheep age 1 years to 2 years |
| 19 | P58 | Female sheep age 1 years to 2 years | continuous | numeric-2.0 | 24614 | 0 | Female sheep age 1 years to 2 years |
| 20 | P59 | Total sheep age 2 years and older | continuous | numeric-3.0 | 24614 | 0 | Total sheep age 2 years and older |

## File SHEEP

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 21 | P60 | Male sheep age 2 years and older | continuous | numeric-2.0 | 24614 | 0 | Male sheep age 2 years and older |
| 22 | P61 | Female sheep age 2 years and older | continuous | numeric-3.0 | 24614 | 0 | Female sheep age 2 years and older |
| 23 | P62 | Total sheep for meet age 2 years and older | continuous | numeric-2.0 | 24614 | 0 | Total sheep for meet age 2 years and older |
| 24 | P63 | Male sheep for meet age 2 years and older | discrete | numeric-2.0 | 24614 | 0 | Male sheep for meet age 2 years and older |
| 25 | P64 | Female sheep for meet age 2 years and older | discrete | numeric-2.0 | 24614 | 0 | Female sheep for meet age 2 years and older |
| 26 | P65 | Total sheep for Wool only age 2 years and older | continuous | numeric-2.0 | 24614 | 0 | Total sheep for Wool only age 2 years and older |
| 27 | P66 | Male sheep for Wool only age 2 years and older | discrete | numeric-2.0 | 24614 | 0 | Male sheep for Wool only age 2 years and older |
| 28 | P67 | Female sheep for Wool only age 2 years and older | discrete | numeric-2.0 | 24614 | 0 | Female sheep for Wool only age 2 years and older |
| 29 | P68 | Total sheep for breeding only age 2 years and older | continuous | numeric-3.0 | 24614 | 0 | Total sheep for breeding only age 2 years and older |
| 30 | P69 | Male sheep for breeding only age 2 years and older | continuous | numeric-2.0 | 24614 | 0 | Male sheep for breeding only age 2 years and older |
| 31 | P70 | Female sheep for breeding only age 2 years and older | continuous | numeric-3.0 | 24614 | 0 | Female sheep for breeding only age 2 years and older |
| 32 | P71 | Total sheep for other purpose age 2 years and older | discrete | numeric-2.0 | 24614 | 0 | Total sheep for other purpose age 2 years and older |
| 33 | P72 | Male sheep for other purpose age 2 years and older | discrete | numeric-2.0 | 24614 | 0 | Male sheep for other purpose age 2 years and older |
| 34 | P 73 | Female sheep for other purpose age 2 years and older | discrete | numeric-2.0 | 24614 | 0 | Female sheep for other purpose age 2 years and older |
| 35 | P74 | Total Grand | continuous | numeric-3.0 | 24614 | 0 | Total Grand |
| 36 | P75 | Male Total Grand | continuous | numeric-3.0 | 24614 | 0 | Male Total Grand |
| 37 | P76 | Female Total Grand | continuous | numeric-3.0 | 24614 | 0 | Female Total Grand |
| 38 | P77 | Total Local breed | continuous | numeric-3.0 | 24614 | 0 | Total Local breed |
| 39 | P78 | Male Total Local breed | continuous | numeric-3.0 | 24614 | 0 | Male Total Local breed |
| 40 | P79 | Female Total Local breed | continuous | numeric-3.0 | 24614 | 0 | Female Total Local breed |
| 41 | P80 | Total Exotic | discrete | numeric-1.0 | 24614 | 0 | Total Exotic |
| 42 | P81 | Male Total Exotic | discrete | numeric-1.0 | 24614 | 0 | Male Total Exotic |
| 43 | P82 | Female Total Exotic | discrete | numeric-1.0 | 24614 | 0 | Female Total Exotic |
| 44 | P83 | Total Hybrid | discrete | numeric-2.0 | 24614 | 0 | Total Hybrid |
| 45 | P84 | Male Total Hybrid | discrete | numeric-1.0 | 24614 | 0 | Male Total Hybrid |
| 46 | P85 | Female Total Hybrid | discrete | numeric-1.0 | 24614 | 0 | Female Total Hybrid |

File VACCINATION FILTER QUESTION

| $\#$ | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 1 | $\underline{\text { REG }}$ | Region | discrete | numeric-2.0 | 70702 | 0 | - |
| 2 | $\underline{\text { ZONE }}$ | Zone | discrete | numeric-2.0 | 70702 | 0 | - |
| 3 | $\underline{\text { DIST }}$ | Wereda | continuous | numeric-2.0 | 70702 | 0 | - |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 70702 | 0 | - |
| 5 | $\underline{\text { EA }}$ | Enumeration Area | discrete | numeric-2.0 | 70702 | 0 | - |
| 6 | $\underline{\text { HH }}$ | Household Number | continuous | numeric-3.0 | 70702 | 0 | - |
| 7 | $\underline{\text { V07 }}$ | Holder Number | discrete | numeric-1.0 | 70702 | 0 | - |
| 8 | $\underline{\text { PQ3 }}$ | Did You get vaccination <br> During the last 12 month? | discrete | numeric-1.0 | 70702 | 0 | Did You get vaccination During The <br> Reference Period (Nov 12, 2007 to <br> Nov 10, 2008)? |

File VACCIN

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | REG | Region | discrete | numeric-2.0 | 24589 | 0 | Region |
| 2 | ZONE | Zone | discrete | numeric-2.0 | 24589 | 0 | Zone |
| 3 | DIST | Wereda | continuous | numeric-2.0 | 24589 | 0 | Wereda |
| 4 | FA | Farmers Association | continuous | numeric-3.0 | 24589 | 0 | Farmers Association |
| 5 | EA | Enumeration Area | discrete | numeric-2.0 | 24589 | 0 | Enumeration Area |
| 6 | HH | Household Number | continuous | numeric-3.0 | 24589 | 0 | Household Number |
| 7 | V07 | Holder Number | discrete | numeric-1.0 | 24589 | 0 | - |
| 8 | PQ171 | Serial No. | discrete | numeric-1.0 | 24589 | 0 | Serial Number |
| 9 | PQ1731 | vaccinated_Total | continuous | numeric-3.0 | 24589 | 0 | Total vaccinated |
| 10 | PQ1732 | vaccinated_Male | continuous | numeric-2.0 | 24589 | 0 | Male vaccinated |
| 11 | PQ1733 | vaccinated_Female | continuous | numeric-3.0 | 24589 | 0 | Female vaccinated |
| 12 | PQ1741 | Vaccinated for "Abasenga"_Total | continuous | numeric-2.0 | 24589 | 0 | Total Vaccinated for "Abasenga" |
| 13 | PQ1742 | Vaccinated for "Abasenga"_Male | continuous | numeric-2.0 | 24589 | 0 | Male Vaccinated for "Abasenga" |
| 14 | PQ1743 | Vaccinated for "Abasenga"_Female | continuous | numeric-2.0 | 24589 | 0 | Female Vaccinated for "Abasenga" |
| 15 | PQ1751 | Vaccinated for "Abagorba"_Total | continuous | numeric-2.0 | 24589 | 0 | Total Vaccinated for "Abagorba" |
| 16 | PQ1752 | Vaccinated for "Abagorba"_Male | continuous | numeric-2.0 | 24589 | 0 | Male Vaccinated for "Abagorba" |
| 17 | PQ1753 | Vaccinated for "Abagorba"_Female | continuous | numeric-2.0 | 24589 | 0 | Female Vaccinated for "Abagorba" |
| 18 | PQ1761 | Vaccinated for Tuberclosis_Total | continuous | numeric-2.0 | 24589 | 0 | Total Vaccinated for Tuberclosis |
| 19 | PQ1762 | Vaccinated for Tuberclosis_Male | continuous | numeric-2.0 | 24589 | 0 | Male Vaccinated for Tuberclosis |
| 20 | PQ1763 | Vaccinated for Tuberclosis_Female | continuous | numeric-2.0 | 24589 | 0 | Female Vaccinated for Tuberclosis |
| 21 | PQ1771 | Vaccinated for "Gororsa"_Total | continuous | numeric-2.0 | 24589 | 0 | Total Vaccinated for "Gororsa" |

## File VACCIN

| \# | Name | Label | Type | Format | Valid | Invalid | Question |
| :---: | :--- | :--- | :---: | :---: | :---: | :---: | :--- |
| 22 | $\underline{\text { PQ1772 }}$ | Vaccinated for <br> "Gororsa"_Male | continuous | numeric-2.0 | 24589 | 0 | Male Vaccinated for "Gororsa" |
| 23 | $\underline{\text { PQ1773 }}$ | Vaccinated for <br> "Gororsa"_Female | continuous | numeric-2.0 | 24589 | 0 | Female Vaccinated for "Gororsa" |
| 24 | $\underline{\text { PQ1781 }}$ | Vaccinated for <br> "Desta"_Total | discrete | numeric-1.0 | 24589 | 0 | Total Vaccinated for "Desta" |
| 25 | $\underline{\text { PQ1782 }}$ | Vaccinated for <br> "Desta"_Male | discrete | numeric-1.0 | 24589 | 0 | Male Vaccinated for "Desta" |
| 26 | $\underline{\text { PQ1783 }}$ | Vaccinated for <br> "Desta"_Female | discrete | numeric-1.0 | 24589 | 0 | Female Vaccinated for "Desta" |
| 27 | $\underline{\text { PQ1791 }}$ | Vaccinated for other_Total | continuous | numeric-3.0 | 24589 | 0 | Total Vaccinated for other |
| 28 | $\underline{\text { PQ1792 }}$ | Vaccinated for other_Male | continuous | numeric-2.0 | 24589 | 0 | Male Vaccinated for other |
| 29 | $\underline{\text { PQ1793 }}$ | Vaccinated for <br> other_Female | continuous | numeric-3.0 | 24589 | 0 | Female Vaccinated for other |

## Variables Description

Dataset contains 464 variable(s)
File BEEHIVE

| \#1 REG: Region |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Information |  | [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=70702 /-] [Invalid=0 /-] |  |  |  |  |
| Literal question |  | Region |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 1 | Tigray |  | 4917 | 7.0\% |  |  |
| 2 | Afar |  | 1307 | 1.8\% |  |  |
| 3 | Amhara |  | 13511 | 19.1\% |  |  |
| 4 | Oromia |  | 22815 | 32.3\% |  |  |
| 5 | Somalia |  | 2128 | 3.0\% |  |  |
| 6 | Benshangul_Gumz |  | 2965 | 4.2\% |  |  |
| 7 | S.N.N.P.R |  | 19498 |  |  | 27.6\% |
| 12 | Gambella |  | 2107 | 3.0\% |  |  |
| 13 | Harari |  | 728 | 1.0\% |  |  |
| 14 | Addis_Ababa |  | 0 | 0.0\% |  |  |
| 15 D | Dire_Dawa |  | 726 | 1.0\% |  |  |

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.
\#2 ZONE: Zone


## File BEEHIVE



## File BEEHIVE




File CAMEL

| \#3 DIST: Wereda |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Value | Label | Cases |  | Percentage |
| 4 |  | 242 |  | 12.3\% |
| 5 |  | 70 | 3.6\% |  |
| 6 |  | 202 |  | 10.3\% |
| 7 |  | 125 | 6.3\% |  |
| 8 |  | 79 | 4.0\% |  |
| 9 |  | 6 | 0.3\% |  |
| 10 |  | 24 | 1.2\% |  |
| 11 |  | 12 | 0.6\% |  |
| 12 |  | 13 | 0.7\% |  |
| 13 |  | 11 | 0.6\% |  |
| 14 |  | 15 | 0.8\% |  |
| 15 |  | 12 | 0.6\% |  |
| 16 |  | 17 | 0.9\% |  |
| 17 |  | 4 | 0.2\% |  |
| 18 |  | 39 | 2.0\% |  |

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 FA: Farmers Association

| Information |  | [Type $=$ continuous] [Format=numeric] [Range= 1-165] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=1969 /-] [Invalid=0 /-] [Mean=14.156 /-] [StdDev=15.22 /-] |  |  |  |  |
| Literal question |  | Farmers Association |  |  |  |  |
| \#5 EA: Enumeration Area |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range= 1-17] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=1969 /-] [Invalid=0 /-] [Mean=2.673 /-] [StdDev=2.226 /-] |  |  |  |  |
| Literal question |  | Enumeration Area |  |  |  |  |
| Value L | Label |  | Cases | P |  |  |
| 1 |  |  | 753 |  |  | 38.2\% |
| 2 |  |  | 521 |  | 26.5\% |  |
| 3 |  |  | 161 | 8.2\% |  |  |
| 4 |  |  | 228 | 11.6\% |  |  |
| 5 |  |  | 134 | 6.8\% |  |  |
| 6 |  |  | 57 | 2.9\% |  |  |
| 7 |  |  | 45 | 2.3\% |  |  |
| 8 |  |  | 11 | 0.6\% |  |  |
| 9 |  |  | 11 | 0.6\% |  |  |
| 10 |  |  | 14 | 0.7\% |  |  |
| 11 |  |  | 17 | 0.9\% |  |  |
| 12 |  |  | 8 | 0.4\% |  |  |
| 13 |  |  | 3 | 0.2\% |  |  |
| 16 |  |  | 5 | 0.3\% |  |  |
| 17 |  |  | 1 | 0.1\% |  |  |
| Warning: these figures | s indicate | number of cases found in th | a summ | statistics of the populatio |  |  |

## File CAMEL



File CAMEL


File CAMEL


File CAMEL


## File CAMEL



File CAMEL


| File CATTLEFEED |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| \#2 ZONE: Zone |  |  |  |  |
| Value L | Label |  | Cases | Percentage |
| 3 |  |  | 36911 | 9.7\% |
| 4 |  |  | 34583 | 9.1\% |
| 5 |  |  | 23860 | 6.3\% |
| 6 |  |  | 25729 | 6.8\% |
| 7 |  |  | 20480 | 5.4\% |
| 8 |  |  | 17854 | 4.7\% |
| 9 |  |  | 21593 | 5.7\% |
| 10 |  |  | 18592 | 4.9\% |
| 11 |  |  | 14642 | 3.9\% |
| 12 |  |  | 12914 | 3.4\% |
| 13 |  |  | 10147 | 2.7\% |
| 14 |  |  | 8947 | 2.4\% |
| 15 |  |  | 3421 | 0.9\% |
| 16 |  |  | 3309 | 0.9\% |
| 17 |  |  | 12377 | 3.3\% |
| 18 |  |  | 9544 | 2.5\% |
| 19 |  |  | 10415 | 2.7\% |
| 20 |  |  | 5564 | 1.5\% |
| 21 |  |  | 3628 | 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. |  |  |  |  |
| \#3 DIST: Wereda |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 1-24] [Missing=*] |  |  |
| Statistics [NW/ W] |  | [Valid=378777 /-] [Invalid=0 /-] [Mean=5.838 /-] [StdDev=4.693 /-] |  |  |
| Literal question |  | Wereda |  |  |
| \#4 FA: FA |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 1-403] [Missing=*] |  |  |
| Statistics [NW/ W] |  | [Valid=378777 /-] [Invalid=0 /-] [Mean=14.755 /-] [StdDev=19.069 /-] |  |  |
| Literal question |  | Farmers' Association |  |  |
| \#5 EA: EA |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range= 1-17] [Missing=*] |  |  |
| Statistics [NW/ W] |  | [Valid=378777 /-] [Invalid=0 /-] [Mean=3.043 /-] [StdDev=2.109 /-] |  |  |
| Literal question |  | Enumeration Area |  |  |
| Value L | Label |  | Cases | Percentage |
| 1 |  |  | 102737 | 27.1\% |
| 2 |  |  | 87306 | 23.0\% |
| 3 |  |  | 65514 | 17.3\% |
| 4 |  |  | 45797 | 12.1\% |
| 5 |  |  | 30674 | 8.1\% |
| 6 |  |  | 20454 | 5.4\% |
| 7 |  |  | 11274 | 3.0\% |
| 8 |  |  | 6046 | 1.6\% |

File CATTLEFEED


## File CATTLEFEED

| \#9 PQ182: Type of livestock feed |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Information |  | [Type= discrete] [Format=numeric] [Range= 1-6] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=378777 /-] [Invalid=0 /-] |  |  |  |  |
| Literal question |  | Type of livestock feed |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 1 G | Grazing |  | 65021 |  |  | 17.2\% |
| 2 C | Crop Residue |  | 64019 |  |  | 16.9\% |
| 3 Im | Improved Pasture |  | 62638 |  |  | 16.5\% |
| 4 H | Hay |  | 62680 |  |  | 16.5\% |
| 5 G | Grain Byproduct |  | 62249 |  |  | 16.4\% |
| 6 O | Others |  | 62170 |  |  | 16.4\% |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#10 PQ183: Used |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-2$ ] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=378777 /-] [Invalid=0 /-] |  |  |  |  |
| Literal question |  | Used |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 739 | 0.2\% |  |  |
| 1 Yes |  |  | 146575 | 38.7\% |  |  |
| 2 N | No |  | 231463 |  |  | 61.1\% |
| 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. |  |  |  |  |  |  |
| \#11 PQ184: Percentage used |  |  |  |  |  |  |
| Information |  | [Type $=$ continuous] [Format=numeric] [Range $=0-100]$ [Missing $=*$ ] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=378777 /-] [Invalid=0 /-] [Mean=16.545 /-] [StdDev=27.954 /-] |  |  |  |  |
| Literal question |  | Percentage used |  |  |  |  |
| \#12 PQ185: Source |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-8$ ] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=378777 /-] [Invalid=0 /-] |  |  |  |  |
| Literal question |  | Source |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 232170 |  |  | 61.3\% |
| 1 O | Own property |  | 90079 | 23.8\% |  |  |
| 2 P | Purchased |  | 9701 | 2.6\% |  |  |
| 3 P | Public property |  | 23283 | 6.1\% |  |  |
| 4 | 1 \& 2 |  | 7679 | 2.0\% |  |  |
| $5 \quad 1$ | $1 \& 3$ |  | 12461 | 3.3\% |  |  |
| 62 | 2 \& 3 |  | 316 | 0.1\% |  |  |
| 71 1, | 1,2 \& 3 |  | 456 | 0.1\% |  |  |
| 8 O | Other |  | 2632 | 0.7\% |  |  |
| 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. |  |  |  |  |  |  |




| File COW |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| \#7 V07: HHolder |  |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |
| 4 |  |  | 97 | 0.1\% |  |
| 5 |  |  | 23 | 0.0\% |  |
| 6 |  |  | 4 | 0.0\% |  |
| 7 |  |  | 4 | 0.0\% |  |
| 8 |  |  | 4 | 0.0\% |  |
| 9 |  |  | 4 | 0.0\% |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |
| \#8 P01: Total cattle of all age |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-268$ ] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=3.72 /-] [StdDev=5.549 /-] |  |  |  |
| Literal question |  | Total cattle of all age |  |  |  |
| \#9 P02: Male cattle of all age |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-108$ ] [Missing=*] |  |  |  |
| Statistics [ $\mathrm{NW} / \mathrm{W}$ ] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=1.598 /-] [StdDev=2.234 /-] |  |  |  |
| Literal question |  | Male cattle of all age |  |  |  |
| \#10 P03: Female cattle of all age |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-160] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715/] [Invalid=0 /-] [Mean=2.119/-] [StdDev=3.741 /-] |  |  |  |
| Literal question |  | Female cattle of all age |  |  |  |
| \#11 P04: Total cattle age less than 6 months |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-27] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.359 /-] [StdDev=0.851 /-] |  |  |  |
| Literal question |  | Total cattle age less than 6 months |  |  |  |
| \#12 P05: Male cattle age less than 6 months |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-14] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0/] [Mean=0.166 /-] [StdDev=0.472 /-] |  |  |  |
| Literal question |  | Male cattle age less than 6 months |  |  |  |
| Value L | Label |  | Cases | Percentage |  |
| 0 |  |  | 60896 |  | 86.1\% |
| 1 |  |  | 8398 | 11.9\% |  |
| 2 |  |  | 1135 | 1.6\% |  |
| 3 |  |  | 179 | 0.3\% |  |
| 4 |  |  | 64 | 0.1\% |  |
| 5 |  |  | 20 | 0.0\% |  |
| 6 |  |  | 8 | 0.0\% |  |
| 7 |  |  | 3 | 0.0\% |  |
| 8 |  |  | 3 | 0.0\% |  |
| 9 |  |  | 4 | 0.0\% |  |
| 10 |  |  | 2 | 0.0\% |  |
| 11 |  |  | 1 | 0.0\% |  |

## File COW

| \#12 P05: Male cattle age less than 6 months |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Value | Label |  | Cases | Percentage |  |
| 13 |  |  | 1 | 0.0\% |  |
| 14 |  |  | 1 | 0.0\% |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |
| \#13 P06: Female cattle age less than 6 months |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-19] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.193 /-] [StdDev=0.579 /-] |  |  |  |
| Literal question |  | Female cattle age less than 6 months |  |  |  |
| Value | Label |  | Cases | Percentage |  |
| 0 |  |  | 60335 |  | 85.3\% |
| 1 |  |  | 8336 | 11.8\% |  |
| 2 |  |  | 1462 | 2.1\% |  |
| 3 |  |  | 329 | 0.5\% |  |
| 4 |  |  | 128 | 0.2\% |  |
| 5 |  |  | 48 | 0.1\% |  |
| 6 |  |  | 31 | 0.0\% |  |
| 7 |  |  | 8 | 0.0\% |  |
| 8 |  |  | 11 | 0.0\% |  |
| 9 |  |  | 4 | 0.0\% |  |
| 10 |  |  | 9 | 0.0\% |  |
| 11 |  |  | 4 | 0.0\% |  |
| 12 |  |  | 2 | 0.0\% |  |
| 13 |  |  | 2 | 0.0\% |  |
| 14 |  |  | 2 | 0.0\% |  |
| 15 |  |  | 3 | 0.0\% |  |
| 19 |  |  | 1 | 0.0\% |  |

## \#14 P07: Total cattle age 6 months to 1 year

| Information | [Type= continuous] [Format=numeric] [Range $=0-36][$ Missing $=*]$ |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=70715 $/-][$ Invalid=0 $/-][$ Mean $=0.342 /-][S t d D e v=0.862 /-]$ |
| Literal question | Total cattle age 6 months to 1 year |

\#15 P08: Male cattle age 6 months to 1 year

| Information |  | [Type $=$ discrete] [Format=numeric] [Range= 0-16] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.156/] [StdDev=0.475 /-] |  |  |  |  |
| Literal question |  | Male cattle age 6 months to 1 year |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 61659 |  |  | 87.2\% |
| 1 |  |  | 7635 | 10.8\% |  |  |
| 2 |  |  | 1123 | 1.6\% |  |  |
| 3 |  |  | 176 | 0.2\% |  |  |
| 4 |  |  | 68 | 0.1\% |  |  |
| 5 |  |  | 15 | 0.0\% |  |  |

## File COW



## File COW

## \#19 P12: Female cattle age 1 year to 3 years

| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.333 /-] [StdDev=0.909 /-] |
| :--- | :--- |
| Literal question | Female cattle age 1 year to 3 years |
| \#20 P13: Total cattle age 3 years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-167] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=2.34 /-] [StdDev=3.358 /-] |
| Literal question | Total cattle age 3 years to 10 years |
| \#21 P14: Male cattle age 3 years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-61] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.98 /-] [StdDev=1.423 /-] |
| Literal question | Male cattle age 3 years to 10 years |
| \#22 P15: Femal cattle age 3 years to 10 years |  |


| Information | [Type= continuous] [Format=numeric] [Range= 0-106] [Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=1.361 /-] [StdDev=2.372 /-] |
| Literal question | Femal cattle age 3 years to 10 years |
| \#23 P16: Total beef cattle age 3 years to 10 years |  |


| Information | [Type= continuous] [Format=numeric] [Range= $0-29][$ Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.0322 /-] [StdDev=0.301 /-] |
| Literal question | Total beef cattle age 3 years to 10 years |
| \#24 P17: Male beef cattle age 3 years to 10 years |  |


| Information | $[$ Type= continuous] [Format=numeric] [Range= 0-29] [Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid $=70715 /-][$ Invalid $=0 /-][$ Mean $=0.027 /-][$ StdDev=0.259 /-] |
| Literal question | Male beef cattle age 3 years to 10 years |
| \#25 P18: Female beef cattle age 3 years to 10 years |  |


| Information | [Type= discrete] [Format=numeric] [Range=0-12] [Missing=*] |  |
| :---: | :---: | :---: |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.0052 /-] [StdDev=0.121/-] |  |
| Literal question | Female beef cattle age 3 years to 10 years |  |
| Value Label | Cases | Percentage |
| 0 | 70470 | 99.7\% |
| 1 | 183 | 0.3\% |
| 2 | 42 | 0.1\% |
| 3 | 9 | 0.0\% |
| 4 | 4 | 0.0\% |
| 5 | 3 | 0.0\% |
| 10 | 2 | 0.0\% |
| 11 | 1 | 0.0\% |
| 12 | 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. |  |  |
| \#26 P19: Total breeding cattle age 3 years to 10 years |  |  |
| Information | [Type $=$ continuous] [Format=numeric] [Range $=0-105][$ Missing |  |

## File COW

| \#26 P19: Total breeding cattle age 3 years to 10 years |  |
| :---: | :---: |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.828 /-] [StdDev=2.29/-] |
| Literal question | Total breeding cattle age 3 years to 10 years |
| \#27 P20: Male breeding cattle age $\mathbf{3}$ years to $\mathbf{1 0}$ years |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-43] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.0648 /-] [StdDev=0.621/-] |
| Literal question | Male breeding cattle age 3 years to 10 years |
| \#28 P21: Female breeding cattle age $\mathbf{3}$ years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-73] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.763 /-] [StdDev=1.92 /-] |
| Literal question | Female breeding cattle age 3 years to 10 years |
| \#29 P22: Total Diary cows age 3 years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-50] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.508 /-] [StdDev=1.11/-] |
| Literal question | Total Diary cows age 3 years to 10 years |
| \#30 P23: Female Diary cows age 3 years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-50] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.508 /-] [StdDev=1.109 /-] |
| Literal question | Female Diary cows age 3 years to 10 years |
| \#31 P24: Total cows gave milk for the last 12 months age $\mathbf{3}$ years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-34] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.377 /-] [StdDev=0.848 /-] |
| Literal question | Total cows gave milk for the last 12 months age 3 years to 10 years |
| \#32 P25: Female cows gave milk for the last 12 months age $\mathbf{3}$ years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-34] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.376 /-] [StdDev=0.848 /-] |
| Literal question | Female cows gave milk for the last 12 months age 3 years to 10 years |
| \#33 P26: Total Draft cattle age $\mathbf{3}$ years to $\mathbf{1 0}$ years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-31] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.862 /-] [StdDev=1.155 /-] |
| Literal question | Total Draft cattle age 3 years to 10 years |
| \#34 P27: Male Draft cattle age 3 years to 10 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-31] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.853 /-] [StdDev=1.145 /-] |
| Literal question | Male Draft cattle age 3 years to 10 years |
| \#35 P28: Female Draft cattle age $\mathbf{3}$ years to $\mathbf{1 0}$ years |  |
| Information | [Type= discrete] [Format=numeric] [Range= 0-19] [Missing=*] |
| Statistics [NW/ W] | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.00914 /-] [StdDev=0.146 /-] |
| Literal question | Female Draft cattle age 3 years to 10 years |

## File COW



## File COW

## \#39 P32: Total cattle 10 years and older


\#41 P34: Female cattle 10 years and older

| Information |  | [Type $=$ discrete] [Format=numeric] [Range=0-20] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.046 /-] [StdDev=0.385 /-] |  |  |  |  |
| Literal question |  | Female cattle 10 years and older |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 68687 |  |  | 97.1\% |
| 1 |  |  | 1491 | 2.1\% |  |  |
| 2 |  |  | 311 | 0.4\% |  |  |
| 3 |  |  | 93 | 0.1\% |  |  |
| 4 |  |  | 48 | 0.1\% |  |  |
| 5 |  |  | 23 | 0.0\% |  |  |
| 6 |  |  | 19 | 0.0\% |  |  |
| 7 |  |  | 11 | 0.0\% |  |  |
| 8 |  |  | 5 | 0.0\% |  |  |
| 9 |  |  | 5 | 0.0\% |  |  |
| 10 |  |  | 6 | 0.0\% |  |  |
| 11 |  |  | 4 | 0.0\% |  |  |
| 12 |  |  | 2 | 0.0\% |  |  |
| 13 |  |  | 5 | 0.0\% |  |  |
| 14 |  |  | 1 | 0.0\% |  |  |
| 15 |  |  | 1 | 0.0\% |  |  |
| 18 |  |  | 1 | 0.0\% |  |  |

## File COW

| \#41 P34: Female cattle 10 years and older |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Value L | Label |  | Cases | Percentage |  |
| 20 |  |  | 2 | 0.0\% |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |
| \#42 P35: Total Grand |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-268]$ [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=3.717/-] [StdDev=5.527/-] |  |  |  |
| Literal question |  | Total Grand |  |  |  |
| \#43 P36: Male Total Grand |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range=0-108] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=1.598 /-] [StdDev=2.234/-] |  |  |  |
| Literal question |  | Male Total Grand |  |  |  |
| \#44 P37: Female Total Grand |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-160] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=2.119/-] [StdDev=3.741/-] |  |  |  |
| Literal question |  | Female Total Grand |  |  |  |
| \#45 P38: Total Local breed |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-268] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=3.695 /-] [StdDev=5.519 /-] |  |  |  |
| Literal question |  | Total Local breed |  |  |  |
| \#46 P39: Male Total Local breed |  |  |  |  |  |
| Information |  | [Type $=$ continuous] [Format=numeric] [Range $=0-108]$ [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=1.591/-] [StdDev=2.229 /-] |  |  |  |
| Literal question |  | Male Total Local breed |  |  |  |
| \#47 P40: Female Total Local breed |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-160] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=2.104 /-] [StdDev=3.738 /-] |  |  |  |
| Literal question |  | Female Total Local breed |  |  |  |
| \#48 P41: Total Exotic |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-10] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.00345 /-] [StdDev=0.103/-] |  |  |  |
| Literal question |  | Total Exotic |  |  |  |
| Value | Label |  | Cases | Percentage |  |
|  |  |  | 70590 |  | 99.8\% |
| 1 |  |  | 64 | 0.1\% |  |
| 2 |  |  | 34 | 0.0\% |  |
| 3 |  |  | 14 | 0.0\% |  |
| 4 |  |  | 6 | 0.0\% |  |
| 5 |  |  | 3 | 0.0\% |  |
| 6 |  |  | 2 | 0.0\% |  |

## File COW



## File COW

| \#51 P44: Total Hybrid |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Value | Label |  | Cases | Percentage |  |  |
| 8 |  |  | 4 | 0.0\% |  |  |
| 9 |  |  | 1 | 0.0\% |  |  |
| 10 |  |  | 3 | 0.0\% |  |  |
| 11 |  |  | 1 | 0.0\% |  |  |
| 12 |  |  | 1 | 0.0\% |  |  |
| 13 |  |  | 1 | 0.0\% |  |  |
| 14 |  |  | 1 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#52 P45: Male Total Hybrid |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-8] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.00683 /-] [StdDev=0.115 /-] |  |  |  |  |
| Literal question |  | Male Total Hybrid |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 70368 |  |  | 99.5\% |
| 1 |  |  | 257 | 0.4\% |  |  |
| 2 |  |  | 70 | 0.1\% |  |  |
| 3 |  |  | 7 | 0.0\% |  |  |
| 4 |  |  | 6 | 0.0\% |  |  |
| 5 |  |  | 4 | 0.0\% |  |  |
| 6 |  |  | 1 | 0.0\% |  |  |
| 7 |  |  | 1 | 0.0\% |  |  |
| 8 |  |  | 1 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#53 P46: Female Total Hybrid |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-6]$ [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=70715 /-] [Invalid=0 /-] [Mean=0.0126 /-] [StdDev=0.165 /-] |  |  |  |  |
| Literal question |  | Female Total Hybrid |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 70148 |  |  | 99.2\% |
| 1 |  |  | 361 | 0.5\% |  |  |
| 2 |  |  | 132 | 0.2\% |  |  |
| 3 |  |  | 47 | 0.1\% |  |  |
| 4 |  |  | 14 | 0.0\% |  |  |
| 5 |  |  | 7 | 0.0\% |  |  |
| 6 |  |  | 6 | 0.0\% |  |  |

## File COWCAMEL

## \#1 REG: Region

| Information | $[$ Type $=$ discrete] [Format=numeric] [Range= $1-15][$ Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=62515 $/-][$ Invalid $=0 /-]$ |
| Literal question | Region |

File COWCAMEL


## File COWCAMEL



## File COWCAMEL

| \#7 V07: HHolder |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Value | Label | Cases |  | Percentage |
| 6 |  | 4 | 0.0\% |  |
| 7 |  | 4 | 0.0\% |  |
| 8 |  | 4 | 0.0\% |  |
| 9 |  | 4 | 0.0\% |  |


| \#8 P239: cows that give milk during the reference period |
| :--- |
| Information |
| Statistics [NW/ W] |
| [Type= continuous] [Format=numeric] [Range= $0-33][$ Missing=*] |
| LValid=62515 /-] [Invalid=0 $/-][$ Mean $=0.856 /-][$ StdDev $=1.332 /-]$ |

\#9 P240: Average number of months cows actually milked

| Information | [Type= continuous] [Format=numeric] [Range= $0-26][$ Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=62515 $/-][$ Invalid=0 $/-][$ Mean=3.329 $/-][\mathrm{StdDev}=3.713 /-]$ |
| Literal question | Average number of months cows actually milked |
| \#10 P241: Average lactation period of cows in months |  |
| Information | [Type= continuous] [Format=numeric] [Range $=0-1106][$ Missing=*] |
| Statistics [NW/ W] | [Valid=62515 $/-]$ [Invalid=0 $/-][$ Mean=8.425 $/-][$ StdDev=6.387 $/-]$ |
| Literal question | Average lactation period of cows in months |

\#11 P242I: P242I

| Information | [Type= continuous] [Format=numeric] [Range= 0-1250] [Missing=*] |
| :---: | :---: |
| Statistics [NW/ W] | [Valid=62515 /-] [Invalid=0 /-] [Mean=0.749 /-] [StdDev=11.265 /-] |
| Literal question | Milk production per day per cow in liters (Integer) |
| \#12 P242D: P242D |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-990] [Missing=*] |
| Statistics [NW/ W] | [Valid=62515 /-] [Invalid=0 /-] [Mean=129.352 /-] [StdDev=247.273 /-] |
| Literal question | Milk production per day per cow in liters (Decimal) |
| \#13 P243: Camels that give milk during the reference period |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-60] [Missing=*] |
| Statistics [NW/ W] | [Valid=62515 /-] [Invalid=0 /-] [Mean=0.0375 /-] [StdDev=0.491/-] |
| Literal question | Camels that give milk during the reference period |
| \#14 P244: Average number of months cmels actually milked |  |


| Information | $[$ Type $=$ continuous] [Format=numeric] [Range $=0-500][$ Missing $=\star]$ |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=62515 $/-][$ Invalid $=0 /-][$ Mean $=0.159 /-][$ StdDev $=3.077 /-]$ |
| Literal question | Average number of months cmels actually milked |
| \#15 P245: Average lactation period of camels in months |  |
| Information | $[$ Type $=$ continuous] [Format=numeric] [Range $=0-36][$ Missing=*] |
| Statistics [NW/ W] | [Valid=62515 $/-][$ Invalid $=0 /-][$ Mean $=0.869 /-][$ StdDev $=3.374 /-]$ |
| Literal question | Average lactation period of camels in months |

File COWCAMEL





## File DONKEY



Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.
\#3 DIST: Wereda

| Information | $[$ Type $=$ continuous $][$ Format=numeric] $[$ Range $=1-24][$ Missing $=*]$ |
| :--- | :--- |
| Statistics $[$ NW $/$ W] | $[$ Valid $=19402 /-][$ Invalid $=0 /-][$ Mean $=6.091 /-][$ StdDev $=4.786 /-]$ |
| Literal question | Wereda |

\#4 FA: Farmers Association


## File DONKEY

| \#5 EA: Enumeration Area |  |  |  |
| :---: | :---: | :---: | :---: |
| Value | Label | Cases | Percentage |
| 8 |  | 319 | 1.6\% |
| 9 |  | 189 | 1.0\% |
| 10 |  | 90 | 0.5\% |
| 11 |  | 96 | 0.5\% |
| 12 |  | 55 | 0.3\% |
| 13 |  | 22 | 0.1\% |
| 16 |  | 11 | 0.1\% |
| 17 |  | 8 | 0.0\% |



Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.
\#8 P160: Total ASSES of all ages

| Information |  | [Type= continuous] [Format=numeric] [Range= 0-41] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=19402 /-] [Invalid=0 /-] [Mean=1.444 /-] [StdDev=0.862 /-] |  |  |  |  |
| Literal question |  | Total ASSES of all ages |  |  |  |  |
| \#9 P161: Male ASSES of all ages |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-17] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=19402 /-] [Invalid=0 /-] [Mean=0.697 /-] [StdDev=0.651/-] |  |  |  |  |
| Literal question |  | Male ASSES of all ages |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 7447 |  | 38.4\% |  |
| 1 |  |  | 10639 |  |  | 54.8\% |
| 2 |  |  | 1158 | 6.0\% |  |  |
| 3 |  |  | 120 | 0.6\% |  |  |
| 4 |  |  | 23 | 0.1\% |  |  |

## File DONKEY



## File DONKEY



## File DONKEY



File DONKEY


## File DONKEY



## File EGG


\#2 ZONE: Zone


## File EGG



## File EGG



Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interes
\#8 P247: Egg production - per hen per clutch_Ind

| Information | $[$ Type $=$ continuous $][$ Format=numeric] [Range $=0-810][$ Missing $=*]$ |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid=39584 $/-][$ Invalid=0 $/-][$ Mean=11.524 $/-][$ StdDev=5.518 /-] |
| Literal question | Egg production - per hen per clutch_Ind |

## \#9 P248: Egg production - per hen per clutch_Hybrid

| Information | [Type= continuous] [Format=numeric] [Range= $0-365]$ [Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=39584 $/-][$ Invalid=0 $/-][$ Mean=0.721 $/-][$ StdDev=8.313 /-] |
| Literal question | Egg production - per hen per clutch_Hybrid |

\#10 P249: Egg production - per hen per clutch_Foreign

| Information | [Type= continuous] [Format=numeric] [Range=0-275] [Missing=*] |
| :---: | :---: |
| Statistics [NW/ W] | [Valid=39584 /-] [Invalid=0 /-] [Mean=0.495 /-] [StdDev=9.535 /-] |
| Literal question | Egg production - per hen per clutch_Foreign |
| \#11 P250: Average number of clutch_ind |  |
| Information | [Type $=$ continuous] [Format=numeric] [Range $=0-133]$ [Missing=*] |
| Statistics [NW/ W] | [Valid=39584 /-] [Invalid=0 /-] [Mean=20.004 /-] [StdDev=7.105 /-] |
| Literal question | Average number of clutch_ind |
| \#12 P251: Average number of clutch_Hybrid |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-365] [Missing=*] |
| Statistics [NW/ W] | [Valid=39584 /-] [Invalid=0 /-] [Mean=0.872 /-] [StdDev=9.537/-] |
| Literal question | Average number of clutch_Hybrid |

File EGG


## File EXTENSION

## \#1 REG: Region

| Information |  | [Type $=$ discrete] [Format=numeric] [Range= 1-15] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=68797 /-] [Invalid=0 /-] |  |  |  |  |
| Literal question |  | Region |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 1 | Tigray |  | 4786 | 7.0\% |  |  |
| 2 | Afar |  | 1305 | 1.9\% |  |  |
| 3 | Amhara |  | 13239 | 19.2\% |  |  |
| 4 | Oromia |  | 22064 | 32.1\% |  |  |
| 5 | Somalia |  | 2088 | 3.0\% |  |  |
| 6 | Benshangul_Gumz |  | 2859 | 4.2\% |  |  |
| 7 | S.N.N.P.R |  | 19059 |  |  | 27.7\% |
| 12 | Gambella |  | 1958 | 2.8\% |  |  |
| 13 | Harari |  | 716 | 1.0\% |  |  |
| 14 | Addis_Ababa |  | 0 | 0.0\% |  |  |
| 15 | Dire_Dawa |  | 723 | 1.1\% |  |  |

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

| Information | $[$ Type $=$ discrete $][$ Format=numeric] $[$ Range $=1-21][$ Missing=*] $]$ |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid $=68797 /-][$ Invalid $=0 /-][$ Mean=7.224 $/-][$ StdDev $=5.412 /-]$ |
| Literal question | Zone |



File EXTENSION


## File EXTENSION

| \#9 PQ20: | Type of Extention |  |  |  |
| :--- | :--- | :---: | :--- | :--- |
| Value | Label | Cases |  | Percentage |
| 1 | Package for Milk | 201 | $0.3 \%$ |  |
| 2 | Package for improved Meat | 372 | $0.5 \%$ |  |
| 3 | Package for improved poultry | 224 | $0.3 \%$ |  |
| 4 | Package for honey | 112 | $0.2 \%$ |  |
| 5 | Two or more Packages | 23 | $0.0 \%$ |  |
| 6 | Other | 75 | $0.1 \%$ |  |
| 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. |  |  |  |  |

File GOAT


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



## File GOAT


\#8 P86: Total GOATS of all ages

| Information | $[$ Type= continuous] [Format=numeric] $[$ Range $=0-314][$ Missing=*] $]$ |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid=21703 $/-][$ Invalid=0 $/-][$ Mean=7.323 /-] [StdDev=12.047 /-] |
| Literal question | Total GOATS of all ages |

\#9 P87: Male GOATS of all ages

| Information | [Type= continuous] [Format=numeric] [Range= 0-85] [Missing=*] |
| :---: | :---: |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=2.134 /-] [StdDev=3.868 /-] |
| Literal question | Male GOATS of all ages |
| \#10 P88: Female GOATS of all ages |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-291] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=5.189 /-] [StdDev=8.857 /-] |
| Literal question | Female GOATS of all ages |
| \#11 P89: Total goats age less than 6 months |  |


| Information | $[$ Type $=$ continuous] [Format=numeric] [Range $=0-70][$ Missing $=\star]$ |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=21703 $/-][$ Invalid $=0 /-][$ Mean $=1.656 /-][$ StdDev=2.598 /-] |
| Literal question | Total goats age less than 6 months |
| \#12 P90: Male goats age less than 6 months |  |
| Information | [Type $=$ continuous] [Format=numeric] [Range $=0-32][$ Missing= $=]$ |
| Statistics [NW/ W] | [Valid=21703 $/-][$ Invalid $=0 /-][$ Mean $=0.754 /-][$ StdDev=1.258 /-] |
| Literal question | Male goats age less than 6 months |

## File GOAT

| \#13 P91: Female goats age less than 6 months |  |
| :---: | :---: |
| Information | [Type= continuous] [Format=numeric] [Range= 0-44] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.902 /-] [StdDev=1.707 /-] |
| Literal question | Female goats age less than 6 months |
| \#14 P92: Total goats age 6 months to 1 year |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-70] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.941/-] [StdDev=2.177 /-] |
| Literal question | Total goats age 6 months to 1 year |
| \#15 P93: Male goats age 6 months to 1 year |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-40] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.393 /-] [StdDev=1.037 /-] |
| Literal question | Male goats age 6 months to 1 year |
| \#16 P94: Female goats age 6 months to 1 year |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-39] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.548/-] [StdDev=1.451/-] |
| Literal question | Female goats age 6 months to 1 year |
| \#17 P95: Total goats age 1year to 2 years |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-62] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.986/-] [StdDev=2.611/-] |
| Literal question | Total goats age 1year to 2 years |
| \#18 P96: Male goats age 1year to 2 years |  |


| Information | [Type= continuous] [Format=numeric] [Range= 0-23] [Missing=*] |
| :---: | :---: |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.335 /-] [StdDev=1.003 /-] |
| Literal question | Male goats age 1 year to 2 years |
| \#19 P97: Female goats age 1year to 2 years |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-58] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.651/-] [StdDev=1.957 /-] |
| Literal question | Female goats age 1 year to 2 years |
| \#20 P98: Total goats age 2 years and olders |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-245] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=3.738/-] [StdDev=6.613 /-] |
| Literal question | Total goats age 2 years and olders |
| \#21 P99: Male goats age 2 years and olders |  |


| Information | [Type= continuous] [Format=numeric] [Range=0-62] [Missing=*] |
| :---: | :---: |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.652 /-] [StdDev=1.89 /-] |
| Literal question | Male goats age 2 years and olders |
| \#22 P100: Female goats age 2 years and olders |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-231] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=3.087 /-] [StdDev=5.378 /-] |

## File GOAT

| \#22 P100: Female goats age 2 years and olders |  |
| :---: | :---: |
| Literal question | Female goats age 2 years and olders |
| \#23 P101: Total goats for meat age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-30] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.217 /-] [StdDev=0.887/-] |
| Literal question | Total goats for meat age 2 years and older |
| \#24 P102: Male goats for meat age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-30] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703/-] [Invalid=0 /-] [Mean=0.196/-] [StdDev=0.795/-] |
| Literal question | Male goats for meat age 2 years and older |
| \#25 P103: Female goats for meat age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-26] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.0207 /-] [StdDev=0.304 /-] |
| Literal question | Female goats for meat age 2 years and older |
| \#26 P104: Total Diary goats age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-50] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.246 /-] [StdDev=1.325 /-] |
| Literal question | Total Diary goats age 2 years and older |
| \#27 P105: Female Diary goats age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-50] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.245 /-] [StdDev=1.324/-] |
| Literal question | Female Diary goats age 2 years and older |
| \#28 P106: Total goats for breeding only age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-225] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=3.25 /-] [StdDev=5.866 /-] |
| Literal question | Total goats for breeding only age 2 years and older |
| \#29 P107: Male goats for breeding only age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-62] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.439 /-] [StdDev=1.635 /-] |
| Literal question | Male goats for breeding only age 2 years and older |
| \#30 P108: Female goats for breeding only age 2 years and older |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-211] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=2.812 /-] [StdDev=4.878 /-] |
| Literal question | Female goats for breeding only age 2 years and older |
| \#31 P109: Total goats for other porpuses age 2 years and older |  |
| Information | [Type= discrete] [Format=numeric] [Range=0-20] [Missing=*] |
| Statistics [NW/ W] | [Valid=21703 /-] [Invalid=0 /-] [Mean=0.026 /-] [StdDev=0.303 /-] |
| Literal question | Total goats for other porpuses age 2 years and older |

## File GOAT



## File GOAT



## File GOAT





File HHINFO


## File HHINFO

| \#10 V11: Education |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Value | Label |  | Cases | Percentage |  |
| 16 | Grade nine completed - current curriculum |  | 159 | 0.2\% |  |
| 17 | Grade ten completed - current curriculum |  | 486 | 0.7\% |  |
| 18 | Grade ten completed and learning vocational - current curric |  | 47 | 0.1\% |  |
| 19 | Certificate vocational - current curriculum |  | 155 | 0.2\% |  |
| 20 | Grade elven preparatory completed- current curriculum |  | 12 | 0.0\% |  |
| 21 | Grade twelve preparatory completed- current curriculum |  | 14 | 0.0\% |  |
| 22 | Above grade twelve preparatory - current curriculum |  | 33 | 0.0\% |  |
| 24 |  |  | 1 | 0.0\% |  |
| 25 |  |  | 1 | 0.0\% |  |
| 27 |  |  | 1 | 0.0\% |  |
| 29 |  |  | 1 | 0.0\% |  |
| 30 |  |  | 3 | 0.0\% |  |
| 31 |  |  | 1 | 0.0\% |  |
| 36 |  |  | 1 | 0.0\% |  |
| 39 |  |  | 1 | 0.0\% |  |
| 41 |  |  | 1 | 0.0\% |  |
| 42 |  |  | 1 | 0.0\% |  |
| 43 |  |  | 1 | 0.0\% |  |
| 49 |  |  | 1 | 0.0\% |  |
| 51 |  |  | 1 | 0.0\% |  |
| 61 |  |  | 2 | 0.0\% |  |
| 65 |  |  | 1 | 0.0\% |  |
| 67 |  |  | 1 | 0.0\% |  |
| 78 |  |  | 1 | 0.0\% |  |
| 99 |  |  | 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. |  |  |  |  |  |
| \#11 V12: Hold Size |  |  |  |  |  |
| Information |  | [Type $=$ continuous] [Format=numeric] [Range= 0-99] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70729 /-] [Invalid=0 /-] [Mean=5.387 /-] [StdDev=2.552 /-] |  |  |  |
| Literal question |  | Hold Size |  |  |  |
| \#12 V13: Type |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-3] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70729 /-] [Invalid=0 /-] |  |  |  |
| Literal question |  | Type |  |  |  |
| Value | Label |  | Cases | Percentage |  |
| 0 |  |  | 5 | 0.0\% |  |
| 1 | Crop |  | 7039 | 10.0\% |  |
| 2 | Livestock |  | 4123 | 5.8\% |  |
| 3 | Both |  | 59562 |  | 84.2\% |
| 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. |  |  |  |  |  |
| \#13 PQ1: PQ1 |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-3] [Missing=*] |  |  |  |

File HHINFO


Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.
\#2 ZONE: Zone

| Information | $[$ Type $=$ discrete] [Format=numeric] [Range $=1-21][$ Missing=*] |  |  |
| :--- | :--- | :---: | :---: |
| Statistics [NW/ W] | $[$ Valid=6292 $/-][$ Invalid=0 $/-][$ Mean=7.152 $/-][$ StdDev=5.308 /-] |  |  |
| Literal question | Zone |  |  |
| Value Label |  | Cases | Percentage |
| 1 | 745 | $11.8 \%$ |  |

File HONEY

Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.
\#3 DIST: Wereda

| Information | $[$ Type $=$ continuous $][$ Format=numeric $][$ Range $=1-24][$ Missing $=*]$ |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid=6292 $/$-] [Invalid=0 $/$-] [Mean=5.932 $/-][$ StdDev=4.86 $/-]$ |
| \#4 FA: FA |  |



## File HONEY



## File HONEY

| \#13 P236: Number of harvests/Intermediate hive/year |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-10]$ [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=6292 /-] [Invalid=0 /-] [Mean=0.0221/-] [StdDev=0.226/-] |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 6201 |  |  | 98.6\% |
| 1 |  |  | 56 | 0.9\% |  |  |
| 2 |  |  | 31 | 0.5\% |  |  |
| 3 |  |  | 2 | 0.0\% |  |  |
| 5 |  |  | 1 | 0.0\% |  |  |
| 10 |  |  | 1 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#14 P237I: P237I |  |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-60] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=6292 /-] [Invalid=0 /-] [Mean=0.546 /-] [StdDev=3.133 /-] |  |  |  |  |
| \#15 P237D: P237D |  |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range=0-667] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=6292 /-] [Invalid=0 /-] [Mean=3.365 /-] [StdDev=40.091 /-] |  |  |  |  |
| \#16 P238: Number of harvest/Modern hive/year |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-4]$ [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=6292 /-] [Invalid=0 /-] [Mean=0.0696 /-] [StdDev=0.348 /-] |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 6003 |  |  | 95.4\% |
| 1 |  |  | 165 | 2.6\% |  |  |
| 2 |  |  | 103 | 1.6\% |  |  |
| 3 |  |  | 17 | 0.3\% |  |  |
| 4 |  |  | 4 | 0.1\% |  |  |

## File HORSE

## \#1 REG: Region

| Information |  | [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 /-] |  |  |  |  |
| Literal question |  | Region |  |  |  |  |
| Value | Label |  | Cases |  | Percentage |  |
| 1 | Tigray |  | 50 | \| 1.0\% |  |  |
| 2 A | Afar |  | 0 | 0.0\% |  |  |
| 3 A | Amhara |  | 841 |  | 16.2\% |  |
| 4 | Oromia |  | 2703 |  |  | 52.2\% |
| 5 S | Somalia |  | 0 | 0.0\% |  |  |
| 6 B | Benshang | ul_Gumz | 11 | 0.2\% |  |  |
| 7 | S.N.N.P.R |  | 1558 |  | 30.1\% |  |
| 12 | Gambella |  | 14 | 0.3\% |  |  |



## File HORSE

| \#5 EA: Enumeration Area |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Literal question |  | Enumeration Area |  |  |  |  |
| Value | Label |  | Cases |  | Percentage |  |
| 1 |  |  | 1353 |  |  | 26.1\% |
| 2 |  |  | 1228 |  |  | 23.7\% |
| 3 |  |  | 945 |  | 18.3\% |  |
| 4 |  |  | 643 |  | 12.4\% |  |
| 5 |  |  | 529 |  | 10.2\% |  |
| 6 |  |  | 215 | 4.2\% |  |  |
| 7 |  |  | 113 | 2.2\% |  |  |
| 8 |  |  | 71 | 1.4\% |  |  |
| 9 |  |  | 46 | 0.9\% |  |  |
| 11 |  |  | 14 | 0.3\% |  |  |
| 12 |  |  | 20 | 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.

## \#6 HH: Household Number


\#8 P124: Total HORSES of all ages

| Information | [Type= continuous] [Format=numeric] [Range= 0-26] [Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | [Valid=5177 $/$-] [Invalid=0 /-] [Mean=1.52 /-] [StdDev=1.032 /-] |
| Literal question | Total HORSES of all ages |

\#9 P125: Male HORSES of all ages

| Information |  | [Type= discrete] [Format=numeric] [Range=0-13] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 /-] [Mean=0.772 /-] [StdDev=0.712 /-] |  |  |  |  |
| Literal question |  | Male HORSES of all ages |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 1811 |  | 35.0\% |  |
| 1 |  |  | 2868 |  |  | 55.4\% |
| 2 |  |  | 402 | 7.8\% |  |  |

File HORSE

| \#9 P125: Male HORSES of all ages |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Value L | Label |  | Cases | Percentage |  |  |
| 3 |  |  | 75 | 1.4\% |  |  |
| 4 |  |  | 15 | 0.3\% |  |  |
| 5 |  |  | 4 | 0.1\% |  |  |
| 7 |  |  | 1 | 0.0\% |  |  |
| 13 |  |  | 1 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#10 P126: Female HORSES of all ages |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-13] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 $/$-] [Mean=0.748 /-] [StdDev=0.848 /-] |  |  |  |  |
| Literal question |  | Female HORSES of all ages |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 2282 |  |  | 44.1\% |
| 1 |  |  | 2141 |  |  | 41.4\% |
| 2 |  |  | 612 |  |  |  |
| 3 |  |  | 97 | 1.9\% |  |  |
| 4 |  |  | 26 | 0.5\% |  |  |
| 5 |  |  | 12 | 0.2\% |  |  |
| 6 |  |  | 3 | 0.1\% |  |  |
| 7 |  |  | 2 | 0.0\% |  |  |
| 8 |  |  | 1 | 0.0\% |  |  |
| 13 |  |  | 1 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#11 P127: Total horses age less than 3 years |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-12] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 /-] [Mean=0.274 /-] [StdDev=0.545 /-] |  |  |  |  |
| Literal question |  | Total horses age less than 3 years |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 3932 |  |  | 76.0\% |
| 1 |  |  | 1103 |  |  |  |
| 2 |  |  | 129 | 2.5\% |  |  |
| 3 |  |  | 7 | 0.1\% |  |  |
| 4 |  |  | 3 | 0.1\% |  |  |
| 5 |  |  | 2 | 0.0\% |  |  |
| 12 |  |  | 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. |  |  |  |  |  |  |
| \#12 P128: Male horses age less than 3 years |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-9] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 /-] [Mean=0.136 /-] [StdDev=0.384 /-] |  |  |  |  |
| Literal question |  | Male horses age less than 3 years |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 4520 |  |  | 87.3\% |

File HORSE

| \#12 P128: Male horses age less than 3 years |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Value L | Label |  | Cases | Percentage |  |
| 1 |  |  | 617 | 11.9\% |  |
| 2 |  |  | 38 | 0.7\% |  |
| 3 |  |  | 1 | 0.0\% |  |
| 9 |  |  | 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. |  |  |  |  |  |
| \#13 P129: Female horses age less than 3 years |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-4] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 $/$-] [Mean=0.137 /-] [StdDev=0.372 /-] |  |  |  |
| Literal question |  | Female horses age less than 3 years |  |  |  |
| Value L | Label |  | Cases | Percentage |  |
| 0 |  |  | 4508 |  | 87.1\% |
| 1 |  |  | 635 | 12.3\% |  |
| 2 |  |  | 28 | 0.5\% |  |
| 3 |  |  | 4 | 0.1\% |  |
| 4 |  |  | 2 | 0.0\% |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |
| \#14 P130: Total horses age 3 years and older |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-14]$ [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 $/$-] [Mean=1.247 /-] [StdDev=0.775 /-] |  |  |  |
| Literal question |  | Total horses age 3 years and older |  |  |  |
| Value L | Label |  | Cases | Percentage |  |
| 0 |  |  | 301 | 5.8\% |  |
| 1 |  |  | 3743 |  | 72.3\% |
| 2 |  |  | 850 | 16.4\% |  |
| 3 |  |  | 187 | 3.6\% |  |
| 4 |  |  | 65 | 1.3\% |  |
| 5 |  |  | 19 | 0.4\% |  |
| 6 |  |  | 4 | 0.1\% |  |
| 7 |  |  | 2 | 0.0\% |  |
| 8 |  |  | 3 | 0.1\% |  |
| 9 |  |  | 1 | 0.0\% |  |
| 10 |  |  | 1 | 0.0\% |  |
| 14 |  |  | 1 | 0.0\% |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |
| \#15 P131: Male horses age 3 years and older |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-7] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=5177 /-] [Invalid=0 /-] [Mean=0.636 /-] [StdDev=0.643 /-] |  |  |  |
| Literal question |  | Male horses age 3 years and older |  |  |  |
| Value L | Label |  | Cases | Percentage |  |
| 0 |  |  | 2266 |  |  |
| 1 |  |  | 2595 |  | 50.1\% |

File HORSE


## File HORSE



File HORSE


File HORSE



| File MULE |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \#7 V07: Holder Number |  |  |  |  |  |  |
| Value La | Label |  | Cases | Percentage |  |  |
| 1 |  |  | 1580 |  |  | 99.4\% |
| 2 |  |  | 8 | 0.5\% |  |  |
| 7 |  |  | 1 | 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. |  |  |  |  |  |  |
| \#8 P142: Total MULES of all ages |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-6] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=1589 /-] [Invalid=0 /-] [Mean=1.057/-] [StdDev=0.409 /-] |  |  |  |  |
| Literal question |  | Total MULES of all ages |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 53 | 3.3\% |  |  |
| 1 |  |  | 1415 |  |  | 89.0\% |
|  |  |  | 107 | 6.7\% |  |  |
| 3 |  |  | 9 | 0.6\% |  |  |
| 4 |  |  | 2 | 0.1\% |  |  |
| 5 |  |  | 2 | 0.1\% |  |  |
| 6 |  |  | 1 | 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. |  |  |  |  |  |  |
| \#9 P143: Male MULES of all ages |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-4] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=1589 /-] [Invalid=0 /-] [Mean=0.559 /-] [StdDev=0.547 /-] |  |  |  |  |
| Literal question |  | Male MULES of all ages |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 739 |  |  | 5\% |
| 1 |  |  | 815 |  |  | 51.3\% |
| 2 |  |  | 33 | 2.1\% |  |  |
| 3 |  |  | 1 | 0.1\% |  |  |
| 4 |  |  | 1 | 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. |  |  |  |  |  |  |
| \#10 P144: Female MULES of all ages |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-4] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=1589 /-] [Invalid=0 /-] [Mean=0.498 /-] [StdDev=0.561/-] |  |  |  |  |
| Literal question |  | Female MULES of all ages |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 841 |  |  | 52.9\% |
| 1 |  |  | 710 | $44.7 \%$ |  |  |
| 2 |  |  | 33 | 2.1\% |  |  |
| 3 |  |  | 4 | 0.3\% |  |  |
| 4 |  |  | 1 | 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. |  |  |  |  |  |  |

## File MULE



File MULE


## File MULE



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 P155: Male mules for transportation purposes age 3 years and older


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 P156: Female mules for transportation purposes age 3 years and older

\#23 P157: Total mules for other porpuse age 3 years and older

| Information | $[$ Type $=$ discrete] [Format=numeric] [Range $=0-2][$ Missing $=*]$ |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid $=1589 /-][$ Invalid $=0 / /][$ Mean=0.0239 $/-][$ StdDev $=0.169 /-]$ |
| Literal question | Total mules for other porpuse age 3 years and older |

## File MULE

## \#23 P157: Total mules for other porpuse age 3 years and older

| Value | Label | Cases |  | Percentage |
| :--- | :--- | :---: | :---: | :---: |
| 0 |  | 1555 |  |  |
| 1 |  | 30 | $1.9 \%$ |  |
| 2 |  | 4 | $0.3 \%$ |  |
| 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. |  |  |  |  |

\#24 P158: Male mules for other porpuse age 3 years and older

| Information |  | [Type= discrete] [Format=numeric] [Range=0-2] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=1589 /-] [Invalid=0 /-] [Mean=0.0113 /-] [StdDev=0.112 /-] |  |  |  |  |
| Literal question |  | Male mules for other porpuse age 3 years and older |  |  |  |  |
| Value L | Label |  | Cases |  | Percentage |  |
| 0 |  |  | 1572 |  |  | 98.9\% |
| 1 |  |  | 16 | 1.0\% |  |  |
| 2 |  |  | 1 | 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.
\#25 P159: Female mules for other porpuse age 3 years and older


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 NEWBIRTH

## \#1 REG: Region




File NEWBIRTH


Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest.
\#8 PQ161: Serial No.

| Information |  | [Type= discrete] [Format=numeric] [Range= 0-8] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=144831/-] [Invalid=0 /-] |  |  |  |  |
| Literal question |  | Serial Number |  |  |  |  |
| Value | Label |  | Cases |  | Percentage |  |
| 0 |  |  | 89 | 0.1\% |  |  |
| 1 C | Cattle |  | 44346 |  |  | 30.6\% |

File NEWBIRTH

| \#8 PQ161: Serial No. |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Value | Label |  | Cases | Percentage |  |
| 2 | Sheep |  | 26851 | 18.5\% |  |
| 3 | Goat |  | 22770 | 15.7\% |  |
| 4 | Horse |  | 2204 | 1.5\% |  |
| 5 | Donkey |  | 6625 | 4.6\% |  |
| 6 | Mule |  | 672 | 0.5\% |  |
| 7 | Camel |  | 1180 | 0.8\% |  |
| 8 | Poultry |  | 40094 |  | 27.7\% |
| 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. |  |  |  |  |  |
| \#9 PQ1631: Born_Total |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range=0-225] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=144831 /-] [Invalid=0 $/$-] [Mean=3.457 /-] [StdDev=6.729 /-] |  |  |  |
| Literal question |  | Total Birth |  |  |  |
| \#10 PQ1632: Born_Male |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-125$ ] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=144831/-] [Invalid=0 /-] [Mean=1.614/-] [StdDev=3.273 /-] |  |  |  |
| Literal question |  | Born Male |  |  |  |
| \#11 PQ1633: Born_Male |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-100]$ [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=144831/-] [Invalid=0 /-] [Mean=1.842 /-] [StdDev=3.708 /-] |  |  |  |
| Literal question |  | Born Male |  |  |  |
| \#12 PQ1641: Bought_Total |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-440]$ [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=144831/-] [Invalid=0 /-] [Mean=0.597 /-] [StdDev=1.998/-] |  |  |  |
| Literal question |  | Total Purchases |  |  |  |
| \#13 PQ1642: Bought_Male |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range=0-340] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=144831/-] [Invalid=0 /-] [Mean=0.281/-] [StdDev=1.301 /-] |  |  |  |
| Literal question |  | Male Purchased |  |  |  |
| \#14 PQ1643: Bought_Female |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-100]$ [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=144831/-] [Invalid=0 /-] [Mean=0.316 /-] [StdDev=1.024 /-] |  |  |  |
| Literal question |  | Female Purchased |  |  |  |
| \#15 PQ1651: Gift_Total |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range $=0-130]$ [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=144831/-] [Invalid=0 /-] [Mean=0.0682 /-] [StdDev=0.593 /-] |  |  |  |
| Literal question |  | Total Acquired |  |  |  |
| \#16 PQ1652: Gift_Male |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-14] [Missing=*] |  |  |  |

## File NEWBIRTH



## File NEWBIRTH

| \#23 PQ1673: Sloughted_Female |  |
| :---: | :---: |
| Information | [Type= continuous] [Format=numeric] [Range= 0-111] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831/-] [Invalid=0 /-] [Mean=0.19 /-] [StdDev=0.796 /-] |
| Literal question | Female Slaughters |
| \#24 PQ1681: Given out_Total |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-200] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831 /-] [Invalid=0 /-] [Mean=0.0587 /-] [StdDev=0.759 /-] |
| Literal question | Total Offered |
| \#25 PQ1682: Given out_Male |  |
| Information | [Type= continuous] [Format=numeric] [Range=0-100] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831 /-] [Invalid=0 $/$-] [Mean=0.021 /-] [StdDev=0.353 /-] |
| Literal question | Male Offered |
| \#26 PQ1683: Given out_Female |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-100] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831 /-] [Invalid=0 /-] [Mean=0.0378 /-] [StdDev=0.479 /-] |
| Literal question | Female Offered |
| \#27 PQ1691: Died due to diseases_Total |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-312] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831/-] [Invalid=0 /-] [Mean=1.303 /-] [StdDev=3.819 /-] |
| Literal question | Total Died due to diseases |
| \#28 PQ1692: Died due to diseases_male |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-156] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831/-] [Invalid=0 /-] [Mean=0.53 /-] [StdDev=1.746 /-] |
| Literal question | Male Died due to diseases |
| \#29 PQ1693: Died due to diseases_female |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-156] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831/-] [Invalid=0 /-] [Mean=0.773 /-] [StdDev=2.304 /-] |
| Literal question | Female Died due to diseases |
| \#30 PQ16101: Died due to other reason_Total |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-164] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831 /-] [Invalid=0 $/$-] [Mean=0.777 /-] [StdDev=2.865 /-] |
| Literal question | Total Died from other Reasons |
| \#31 PQ16102: Died due to other reason_male |  |
| Information | [Type $=$ continuous] [Format=numeric] [Range= 0-82] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831/-] [Invalid=0 /-] [Mean=0.357/-] [StdDev=1.413 /-] |
| Literal question | Male Died from other Reasons |
| \#32 PQ16103: Died due to other reason_female |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-82] [Missing=*] |
| Statistics [NW/ W] | [Valid=144831/-] [Invalid=0 /-] [Mean=0.42 /-] [StdDev=1.56 /-] |

## File NEWBIRTH

\section*{\#32 PQ16103: Died due to other reason_female <br> | Literal question | Female Died from other Reasons |
| :--- | :--- |}

File POULTRY
\#1 REG: Region

\#2 ZONE: Zone



## File POULTRY

## \#7 V07: Holder Number



## File POULTRY



File POULTRY

| \#15 P208: Laying hens Exotic |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Value L | Label |  | Cases | Percentage |  |  |
| 8 |  |  | 2 | 0.0\% |  |  |
| 10 |  |  | 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. |  |  |  |  |  |  |
| \#16 P209: Non-laying hens |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range=0-20] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 /-] [Mean=0.235 /-] [StdDev=0.717 /-] |  |  |  |  |
| Literal question |  | Non-laying hens |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 33846 |  |  | 85.7\% |
| 1 |  |  | 3417 | 8.7\% |  |  |
| 2 |  |  | 1448 | 3.7\% |  |  |
| 3 |  |  | 445 | 1.1\% |  |  |
| 4 |  |  | 174 | 0.4\% |  |  |
| 5 |  |  | 69 | 0.2\% |  |  |
| 6 |  |  | 46 | 0.1\% |  |  |
| 7 |  |  | 12 | 0.0\% |  |  |
| 8 |  |  | 12 | 0.0\% |  |  |
| 9 |  |  | 3 | 0.0\% |  |  |
| 10 |  |  | 6 | 0.0\% |  |  |
| 14 |  |  | 1 | 0.0\% |  |  |
| 18 |  |  | 1 | 0.0\% |  |  |
| 20 |  |  | 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. |  |  |  |  |  |  |
| \#17 P210: Non-laying hens_ind |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-20] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481 /-] [Invalid=0 /-] [Mean=0.229 /-] [StdDev=0.703 /-] |  |  |  |  |
| Literal question |  | Non-laying hens Indigenous |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 33961 |  |  | 86.0\% |
| 1 |  |  | 3355 | 8.5\% |  |  |
| 2 |  |  | 1429 | 3.6\% |  |  |
| 3 |  |  | 430 | 1.1\% |  |  |
| 4 |  |  | 167 | 0.4\% |  |  |
| 5 |  |  | 64 | 0.2\% |  |  |
| 6 |  |  | 43 | 0.1\% |  |  |
| 7 |  |  | 12 | 0.0\% |  |  |
| 8 |  |  | 9 | 0.0\% |  |  |
| 9 |  |  | 3 | 0.0\% |  |  |
| 10 |  |  | 5 | 0.0\% |  |  |
| 14 |  |  | 1 | 0.0\% |  |  |
| 18 |  |  | 1 | 0.0\% |  |  |
| 20 |  |  | 1 | 0.0\% |  |  |

File POULTRY

| \#17 P210: Non-laying hens_ind |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 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 P211: Non-laying hens_hybrid |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-10]$ [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 /-] [Mean=0.00484 /-] [StdDev=0.118/-] |  |  |  |  |
| Literal question |  | Non-laying hens Hybrid |  |  |  |  |
|  | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 39368 |  |  | 99.7\% |
| 1 |  |  | 76 | 0.2\% |  |  |
| 2 |  |  | 21 | 0.1\% |  |  |
| 3 |  |  | 5 | 0.0\% |  |  |
| 4 |  |  | 6 | 0.0\% |  |  |
| 5 |  |  | 2 | 0.0\% |  |  |
| 6 |  |  | 1 | 0.0\% |  |  |
| 8 |  |  | 1 | 0.0\% |  |  |
| 10 |  |  | 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. |  |  |  |  |  |  |
| \#19 P212: Non-laying hens Exotic |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-8$ ] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 /-] [Mean=0.00149 /-] [StdDev=0.0765 /-] |  |  |  |  |
| Literal question |  | Non-laying hens Exotic |  |  |  |  |
| Value | Label |  | Cases |  | Percentage |  |
| 0 |  |  | 39457 |  |  | 99.9\% |
| 1 |  |  | 12 | 0.0\% |  |  |
| 2 |  |  | 3 | 0.0\% |  |  |
| 3 |  |  | 2 | 0.0\% |  |  |
| 4 |  |  | 4 | 0.0\% |  |  |
| 5 |  |  | 1 | 0.0\% |  |  |
| 6 |  |  | 1 | 0.0\% |  |  |
| 8 |  |  | 1 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#20 P213: Cocks-males |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range= 0-20] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 $/$ /] [Mean=0.74 /-] [StdDev=1.037 /-] |  |  |  |  |
| Literal question |  | Cocks males |  |  |  |  |
| Value L | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 20028 |  |  | 50.7\% |
| 1 |  |  | 13465 |  | 34.1\% |  |
| 2 |  |  | 3912 | 9.9\% |  |  |
| 3 |  |  | 1209 | 3.1\% |  |  |
| 4 |  |  | 484 | 1.2\% |  |  |
| 5 |  |  | 204 | 0.5\% |  |  |
| 6 |  |  | 81 | 0.2\% |  |  |

File POULTRY

| \#20 P213: Cocks-males |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Value | Label | Cases |  | Percentage |
| 7 |  | 38 | 0.1\% |  |
| 8 |  | 20 | 0.1\% |  |
| 9 |  | 9 | 0.0\% |  |
| 10 |  | 21 | 0.1\% |  |
| 11 |  | 2 | 0.0\% |  |
| 12 |  | 1 | 0.0\% |  |
| 14 |  | 1 | 0.0\% |  |
| 15 |  | 2 | 0.0\% |  |
| 16 |  | 2 | 0.0\% |  |
| 20 |  | 2 | 0.0\% |  |

## \#21 P214: Cocks-males_ind

| Information |  | [Type $=$ discrete] [Format=numeric] [Range= 0-20] [Missing=*] |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 /-] [Mean=0.722 /-] [StdDev=1.027 /-] |  |  |  |  |
| Literal question |  | Cocks males Indigenous |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 20452 |  |  | 51.8\% |
| 1 |  |  | 13197 |  | 33.4\% |  |
| 2 |  |  | 3815 | 9.7\% |  |  |
| 3 |  |  | 1181 | 3.0\% |  |  |
| 4 |  |  | 471 | 1.2\% |  |  |
| 5 |  |  | 192 | 0.5\% |  |  |
| 6 |  |  | 79 | 0.2\% |  |  |
| 7 |  |  | 37 | 0.1\% |  |  |
| 8 |  |  | 20 | 0.1\% |  |  |
| 9 |  |  | 8 | 0.0\% |  |  |
| 10 |  |  | 19 | 0.0\% |  |  |
| 11 |  |  | 2 | 0.0\% |  |  |
| 12 |  |  | 1 | 0.0\% |  |  |
| 14 |  |  | 1 | 0.0\% |  |  |
| 15 |  |  | 2 | 0.0\% |  |  |
| 16 |  |  | 2 | 0.0\% |  |  |
| 20 |  |  | 2 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#22 P215: Cocks-males_hybrid |  |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-10][$ Missing $=*]$ |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481 /-] [Invalid=0 /-] [Mean=0.0135 /-] [StdDev=0.167 /-] |  |  |  |  |
| Literal question |  | Cocks-males Hybrid |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 39093 |  |  | 99.0\% |
| 1 |  |  | 306 | 0.8\% |  |  |
| 2 |  |  | 51 | 0.1\% |  |  |

File POULTRY

| \#22 P215: Cocks-males_hybrid |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Value L | Label |  | Cases | Percentage |  |
| 3 |  |  | 16 | 0.0\% |  |
| 4 |  |  | 8 | 0.0\% |  |
| 5 |  |  | 3 | 0.0\% |  |
| 6 |  |  | 1 | 0.0\% |  |
| 7 |  |  | 1 | 0.0\% |  |
| 8 |  |  | 1 | 0.0\% |  |
| 10 |  |  | 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. |  |  |  |  |  |
| \#23 P216: Cocks-males Exotic |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range= 0-5] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 $/-$ ] [Mean=0.00436 /-] [StdDev=0.0804 /-] |  |  |  |
| Literal question |  | Cocks-males Exotic |  |  |  |
| Value L | Label |  | Cases | Percentage |  |
| 0 |  |  | 39336 |  | 99.6\% |
| 1 |  |  | 128 | 0.3\% |  |
| 2 |  |  | 11 | 0.0\% |  |
| 3 |  |  | 3 | 0.0\% |  |
| 4 |  |  | 2 | 0.0\% |  |
| 5 |  |  | 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. |  |  |  |  |  |
| \#24 P217: Cockerels |  |  |  |  |  |
| Information |  | [Type $=$ discrete] [Format=numeric] [Range $=0-20][$ Missing $=*$ ] |  |  |  |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 /-] [Mean=0.386/][StdDev=1.051/-] |  |  |  |
| Literal question |  | Cockerels |  |  |  |
| Value L | Label |  | Cases | Percentage |  |
| 0 |  |  | 32451 |  | 82.2\% |
| 1 |  |  | 2903 | 7.4\% |  |
| 2 |  |  | 2104 | 5.3\% |  |
| 3 |  |  | 1075 | 2.7\% |  |
| 4 |  |  | 480 | 1.2\% |  |
| 5 |  |  | 222 | 0.6\% |  |
| 6 |  |  | 118 | 0.3\% |  |
| 7 |  |  | 43 | 0.1\% |  |
| 8 |  |  | 25 | 0.1\% |  |
| 9 |  |  | 23 | 0.1\% |  |
| 10 |  |  | 19 | 0.0\% |  |
| 11 |  |  | 3 | 0.0\% |  |
| 12 |  |  | 3 | 0.0\% |  |
| 13 |  |  | 1 | 0.0\% |  |
| 14 |  |  | 4 | 0.0\% |  |
| 15 |  |  | 6 | 0.0\% |  |
| 20 |  |  | 1 | 0.0\% |  |

## File POULTRY



## File POULTRY

| \#27 P220: Cockerels Exotic |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=39481/-] [Invalid=0 /-] [Mean=0.00129 /-] [StdDev=0.053 /-] |  |  |  |
| Literal question |  | Cockerels Exotic |  |  |  |
| Value L | Label |  | Cases | Percentage |  |
| 0 |  |  | 39448 |  | 99.9\% |
| 1 |  |  | 23 | 0.1\% |  |
| 2 |  |  | 5 | 0.0\% |  |
| 3 |  |  | 3 | 0.0\% |  |
| 4 |  |  | 1 | 0.0\% |  |
| 5 |  |  | 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.
\#28 P221: Pullets

| Information | [Type $=$ continuous] [Format=numeric] [Range $=0-30]$ [Missing=*] |
| :---: | :---: |
| Statistics [NW/ W] | [Valid=39481/-] [Invalid=0 /-] [Mean=0.653 /-] [StdDev=1.368/-] |
| Literal question | Pullets |
| \#29 P222: Pullets_ind |  |
| Information | [Type $=$ continuous] [Format=numeric] [Range $=0-30][$ Missing $=$ *] |
| Statistics [NW/ W] | [Valid=39481/-] [Invalid=0 /-] [Mean=0.635 /-] [StdDev=1.344 /-] |
| Literal question | Pullets Indigenous |

\#30 P223: Pullets_hybrid


## File POULTRY



## File SHEEP

## \#1 REG: Region

| Information | $[$ Type $=$ discrete] [Format=numeric] [Range= $1-15][$ Missing=*] |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid=24614 $/-][$ Invalid $=0 /-]$ |

File SHEEP



File SHEEP


File SHEEP


File SHEEP


File SHEEP


File SHEEP


File SHEEP

| \#33 P72: Male sheep for other purpose age 2 years and older |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Value | Label |  | Cases | Percentage |  |  |
| 2 |  |  | 35 | 0.1\% |  |  |
| 3 |  |  | 13 |  |  |  |
| 4 |  |  | 2 | 0.0\% |  |  |
| 5 |  |  | 4 | 0.0\% |  |  |
| 6 |  |  | 1 | 0.0\% |  |  |
| 7 |  |  | 2 | 0.0\% |  |  |
| 10 |  |  | 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. |  |  |  |  |  |  |
| \#34 P73: Female sheep for other purpose age 2 years and older |  |  |  |  |  |  |
| Information |  | [Type= discrete] [Format=numeric] [Range= 0-10] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=24614 /-] [Invalid=0 /-] [Mean=0.0119 /-] [StdDev=0.187/-] |  |  |  |  |
| Literal question |  | Female sheep for other purpose age 2 years and older |  |  |  |  |
| Value | Label |  | Cases | Percentage |  |  |
| 0 |  |  | 24450 |  |  | 99.3\% |
| 1 |  |  | 98 | 0.4\% |  |  |
| 2 |  |  | 42 | 0.2\% |  |  |
| 3 |  |  | 8 | 0.0\% |  |  |
| 4 |  |  | 8 | 0.0\% |  |  |
| 5 |  |  | 4 | 0.0\% |  |  |
| 7 |  |  | 2 | 0.0\% |  |  |
| 10 |  |  | 2 | 0.0\% |  |  |
| Warning: these figures indicate the number of cases found in the data file. They cannot be interpreted as summary statistics of the population of interest. |  |  |  |  |  |  |
| \#35 P74: Total Grand |  |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-321] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=24614 /-] [Invalid=0 /-] [Mean=5.285 /-] [StdDev=7.611 /-] |  |  |  |  |
| Literal question |  | Total Grand |  |  |  |  |
| \#36 P75: Male Total Grand |  |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range=0-157] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=24614 /-] [Invalid=0 /-] [Mean=1.505 /-] [StdDev=2.979 /-] |  |  |  |  |
| Literal question |  | Male Total Grand |  |  |  |  |
| \#37 P76: Female Total Grand |  |  |  |  |  |  |
| Information |  | [Type $=$ continuous] [Format=numeric] [Range $=0-170]$ [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=24614 /-] [Invalid=0 /-] [Mean=3.781/-] [StdDev=5.284 /-] |  |  |  |  |
| Literal question |  | Female Total Grand |  |  |  |  |
| \#38 P77: Total Local breed |  |  |  |  |  |  |
| Information |  | [Type= continuous] [Format=numeric] [Range= 0-321] [Missing=*] |  |  |  |  |
| Statistics [NW/ W] |  | [Valid=24614 /-] [Invalid=0 /-] [Mean=5.283 /-] [StdDev=7.611 /-] |  |  |  |  |
| Literal question |  | Total Local breed |  |  |  |  |

File SHEEP


File SHEEP


File VACCINATION FILTER QUESTION

| \#1 REG: Region |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Information |  | [Type= discrete] [Format=numeric] [Range= 1-15] [Missing=*] |  |  |  |
| Statistics [NW/ W] |  | [Valid=70702 /-] [Invalid=0 /-] |  |  |  |
| Pre-question |  | Region |  |  |  |
| Value L | Label |  | Cases |  | ntage |
| 1 T | Tigray |  | 4917 | 7.0\% |  |
| 2 A | Afar |  | 1307 | 1.8\% |  |
| 3 A | Amhara |  | 13511 |  | 19.1\% |

File VACCINATION FILTER QUESTION

| \#1 REG: Region |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Value | Label | Cases |  |  |
| 4 | Oromia | 22815 |  | 32.3\% |
| 5 | Somalia | 2128 | 3.0\% |  |
| 6 | Benshangul_Gumz | 2965 | 4.2\% |  |
| 7 | S.N.N.P.R | 19498 |  | 27.6\% |
| 12 | Gambella | 2107 | 3.0\% |  |
| 13 | Harari | 728 | 1.0\% |  |
| 14 | Addis_Ababa | 0 | 0.0\% |  |
| 15 | Dire_Dawa | 726 | 1.0\% |  |

\#2 ZONE: Zone

| Information |  | [Type= discrete] [Format=numeric] [Range= 1-21] [Missing=*] |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=70702 /-] [Invalid=0 /-] [Mean=7.221/-] [StdDev=5.409 /-] |  |  |  |
| Pre-question |  | Zone |  |  |  |
| Value | Label |  | Cases | Percentage |  |
| 1 |  |  | 8819 |  | 12.5\% |
| 2 |  |  | 6992 | 9.9\% |  |
| 3 |  |  | 6783 | 9.6\% |  |
| 4 |  |  | 6495 | 9.2\% |  |
| 5 |  |  | 4826 | 6.8\% |  |
| 6 |  |  | 4615 | 6.5\% |  |
| 7 |  |  | 3790 | 5.4\% |  |
| 8 |  |  | 3301 | 4.7\% |  |
| 9 |  |  | 4177 | 5.9\% |  |
| 10 |  |  | 3580 | 5.1\% |  |
| 11 |  |  | 2615 | 3.7\% |  |
| 12 |  |  | 2369 | 3.4\% |  |
| 13 |  |  | 1855 | 2.6\% |  |
| 14 |  |  | 1757 | 2.5\% |  |
| 15 |  |  | 613 | 0.9\% |  |
| 16 |  |  | 614 | 0.9\% |  |
| 17 |  |  | 2307 | 3.3\% |  |
| 18 |  |  | 1804 | 2.6\% |  |
| 19 |  |  | 1814 | 2.6\% |  |
| 20 |  |  | 952 | 1.3\% |  |
| 21 |  |  | 624 | 0.9\% |  |

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.
\#3 DIST: Wereda

| Information | $[$ Type $=$ continuous $][$ Format=numeric] $[$ Range $=1-24][$ Missing=*] $]$ |
| :--- | :--- |
| Statistics [NW/ W] | $[$ Valid $=70702 /-][$ Invalid $=0 /-][$ Mean $=5.776 /-][$ StdDev=4.672 $/-]$ |
| Pre-question | Wereda |

\#4 FA: Farmers Association
Information

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

File VACCINATION FILTER QUESTION


## File VACCINATION FILTER QUESTION

## \#7 V07: Holder Number

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.

| Information |  | [Type= discrete] [Format=numeric] [Range=0-3] [Missing=*] |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Statistics [NW/ W] |  | [Valid=70702 /-] [Invalid=0 /-] |  |  |  |
| Pre-question |  | Did You get vaccination During the last 12 month? |  |  |  |
| Literal question |  | Did You get vaccination During The Reference Period (Nov 12, 2007 to Nov 10, 2008)? |  |  |  |
| Value | Label |  | Cases | Percentage |  |
| 0 |  |  | 1920 | 2.7\% |  |
| 1 Y | Yes |  | 19909 | 28.2\% |  |
| 2 No | No |  | 48872 |  | 69.1\% |
| 3 |  |  | 1 | 0.0\% |  |

## File VACCIN

## \#1 REG: Region



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



## File VACCIN



## File VACCIN

| \#11 PQ1733: vaccinated_Female |  |
| :---: | :---: |
| Literal question | Female vaccinated |
| \#12 PQ1741: Vaccinated for "Abasenga"_Total |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-67] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=1.08/-] [StdDev=2.765 /-] |
| Literal question | Total Vaccinated for "Abasenga" |
| \#13 PQ1742: Vaccinated for "Abasenga"_Male |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-33] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=0.485 /-] [StdDev=1.25 /-] |
| Literal question | Male Vaccinated for "Abasenga" |
| \#14 PQ1743: Vaccinated for "Abasenga"_Female |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-56] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=0.595 /-] [StdDev=1.766 /-] |
| Literal question | Female Vaccinated for "Abasenga" |
| \#15 PQ1751: Vaccinated for "Abagorba"_Total |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-70] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=1.322 /-] [StdDev=2.957 /-] |
| Literal question | Total Vaccinated for "Abagorba" |
| \#16 PQ1752: Vaccinated for "Abagorba"_Male |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-36] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=0.58/-] [StdDev=1.361/-] |
| Literal question | Male Vaccinated for "Abagorba" |
| \#17 PQ1753: Vaccinated for "Abagorba"_Female |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-60] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=0.742 /-] [StdDev=1.882 /-] |
| Literal question | Female Vaccinated for "Abagorba" |
| \#18 PQ1761: Vaccinated for Tuberclosis_Total |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-73] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=0.939 /-] [StdDev=3.235 /-] |
| Literal question | Total Vaccinated for Tuberclosis |
| \#19 PQ1762: Vaccinated for Tuberclosis_Male |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-37] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=0.34/-] [StdDev=1.251/-] |
| Literal question | Male Vaccinated for Tuberclosis |
| \#20 PQ1763: Vaccinated for Tuberclosis_Female |  |
| Information | [Type= continuous] [Format=numeric] [Range= 0-65] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 /-] [Invalid=0 /-] [Mean=0.599 /-] [StdDev=2.225 /-] |
| Literal question | Female Vaccinated for Tuberclosis |

## File VACCIN



## File VACCIN

\#28 PQ1792: Vaccinated for other_Male

| Literal question | Male Vaccinated for other |
| :--- | :--- |
| \#29 PQ1793: Vaccinated for other_Female |  |
| Information | $[$ Type= continuous] [Format=numeric] [Range= 0 0-111] [Missing=*] |
| Statistics [NW/ W] | [Valid=24589 $/-][$ Invalid=0 $/-][$ Mean $=0.451 /-][$ StdDev=1.817 $/-]$ |
| Literal question | Female Vaccinated for other |

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