

# Survey of Agricultural Holdings 2022

**National Statistics Office of Georgia (Geostat)**

report\_generated\_on: October 30, 2024

visit\_data\_catalog\_at: <https://microdata.worldbank.org/index.php>

## Identification

### SURVEY ID NUMBER

GEO\_2022\_SAH\_v01\_M\_v01\_A\_ESS

### TITLE

Survey of Agricultural Holdings 2022

### ABBREVIATION OR ACRONYM

SAH 2022

### COUNTRY/ECONOMY

Name	Country code
Georgia	GEO

### STUDY TYPE

Agricultural Survey [ag/oth]

### ABSTRACT

The main purpose of the Survey of Agricultural Holdings is to produce official indicators in line with agricultural sector. The survey allows the compilation of statistics on crops and animal husbandry, of which information annual and permanent crops, sown area, average yield of annual crops and etc. Statistical tables are accessible through the following link: <https://www.geostat.ge/en/modules/categories/196/agriculture>.

One round of the survey (reference year) includes 5 inquiries: The Inception interview is carried out using the inception questionnaire during the period of January-February of the reference year. During this interview the sampled holdings are identified and situation existing at the holding as of first January is recorded. I, II and III quarter interviews are conducted by means of quarterly questionnaire at the beginning of the following month of the corresponding quarter of the reference year. Based on these surveys, the information about agricultural activities during the corresponding quarter is collected. The final interview is conducted by means of final questionnaire in January of the following year of the reference year. During this interview, the information about agricultural activities at the holding during IV quarter of the reference year and the summary information about agricultural activities at the holding during the whole reference year (from 1 January to 31 December of the previous year) are collected. During all five interviews, the same agricultural holdings (about 12 000) are interviewed which are selected by a two-stage stratified cluster random sampling procedure out of about 642 000 agricultural holdings operated in Georgia. On the first stage, clusters (settlements) are selected. On the second stage, holdings are selected within the selected clusters.

The survey completely covers the territory of Georgia, excluding the occupied territories of Autonomous Republic of Abkhazia and Tskhinvali region. Each year a new sample is selected based on a rotational design (on a 3-year basis). In particular, every year approximately 4000 holdings out of the 12000 sampled holdings are replaced by new holdings. Sampled holdings participate in the survey for 3 years. Large agricultural holdings are sampled every year with complete coverage. The statistical unit of the survey is the agricultural holding (family holdings and agricultural enterprises) – which is defined as an economic unit of agricultural production under single management comprising all livestock kept and all land used wholly or partly for agricultural production purposes, without regard to title, legal form or size. Agricultural activities are conducted under the supervision of a holder (in case of households - a member of household, in case of agricultural enterprises - director or authorized person), who is responsible for making decisions and takes all economic risks and expenses related to agricultural activities.

More than 270 interviewers participated in the survey fieldwork. For the Data collection, computer-assisted personal interviewing method (CAPI) was used in the family holdings. In case of agricultural enterprises, the authorized persons of the enterprises (respondent) fill the electronic (online) questionnaires by themselves (CAWI). Coordination of the interviewers and the primary control of the collected data during the field is carried out by coordinators. Their working area covers several municipalities. The function of the coordinators also includes consultation for agricultural enterprises on methodological and technical issues related to the survey.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Agricultural holding – economic unit of agricultural production under single management comprising all livestock kept and all

land used wholly or partly for agricultural production purposes, without regard to title, legal form or size in which agricultural activities are conducted under the supervision of a holder, who is responsible for making decisions and takes all economic risks and expenses related to agricultural activities.

## Scope

### NOTES

Statistical information on sheep and goats, as well as the production of melons, and watermelons is collected separately based on the special questionnaire. The source of these statistics is the administrative units of the Municipalities of Georgia. Information on tea leaf production is obtained from the legal entities specialized in crude tea leaf processing.

### KEYWORDS

Keyword
Temporary crop-a crop with complete growing cycle less than one year. Sown perennial grasses (alfalfa, trefoil, sainfoin, etc.) also belong to this category;
Permanent crop-a crop with complete growing cycle more than one year;
Sown area-area of arable land where temporary crops were sown during a reference year;
Harvested area-the part of the sown area which has been harvested during the reference year (the difference between the sown area and the lost area);
Production of annual and permanent crops-production obtained from arable land, as well as permanent crops during the reference year;
Average yield-crop production per hectare. Calculated as the ratio of the harvest and the harvested area;
Number of livestock-number of heads of livestock of all kinds and age groups as of a definite moment of time;
Livestock productivity-average volume of appropriate products, obtained from one dairy cow and buffalo, one laying chicken, one goat and sheep during a year;
Milk production-total milk obtained from dairy cows, dairy buffaloes, sheep and goats. Milk consumed by sucking calves, kids and lambs is excluded from the total milk production;
Meat production-the total weight of the meat obtained as a result of slaughter of both domestically raised and imported livestock;
Average yield of dairy cows-annual milk production divided by the average number of dairy cows during the year;
Average clip per sheep-annual total wool production during the reference year divided by the number of shaved sheep during the year;
Average litter-number of born animal during the reference year divided by the average number of female animals during the year;

## Coverage

### GEOGRAPHIC COVERAGE

Entire country (Georgia), excluding occupied regions (Abkhazia and Tskhinvali region)

### UNIVERSE

Survey sampling frame includes about 642,000 agriculture holdings (households and agricultural enterprises) operated in country. The Agricultural Census 2014 is the main source of the sample frame. Sampling frame is updated on a permanent basis in according to the results of survey of agricultural holdings, business register and different administrative sources.

## Producers and sponsors

### PRIMARY INVESTIGATORS

Name
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National Statistics Office of Georgia (Geostat)

## PRODUCERS

Name	Abbreviation	Role
Food and Agriculture Organization of the United Nations	FAO	Technical Support

## FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
National Statistics Office of Georgia	Geostat	Funding
50x2030 Initiative (www.50x2030.org)	50x2030	Technical and Financial Assistance

## Sampling

## SAMPLING PROCEDURE

- Main Source of the sample frame since 2016 - Agricultural Census 2014;
- Sample frame contained 642,000 holding - sample size 12,000 (1.9%);
- Sample Design: two-stage stratified cluster random sampling;
- First stage - selection of cluster (Settlement);
- Second stage - Selection of holdings within the selected clusters;
- Each year a new sample is selected based on a rotational design;
- Every year 1/3 of holdings (4,000) selected a year before are replaced (Sampled holdings participate in the survey during 3 years);
- Extremely large agricultural holdings are sampled every year with complete coverage;
- Additional Sources for updating sample frame: Sample Survey of Agricultural Holdings, Statistical Business Register, Administrative data existing in MEPA (large agricultural holdings); Sampling error of main indicators do not exceed 5% for a country level and 10% for a regional level.

## RESPONSE RATE

In the 2022 fourth quarter, 1,349 holdings were not surveyed, due to the fact that some holdings refused to be interviewed or were not found during the fieldwork despite its existence. This is about 10.7% of the total sampled holdings of 12,589 holdings involved in the sample 2022 fourth quarter.

## WEIGHTING

The survey of agriculture holdings uses a rotation design basis. Every sampled cluster, excluding clusters of extra-large holdings, belongs to one of three rotation group. This kind of approach implies to keep a holding in the sample for about three years and after this time replace it by another holding from the same stratum. The initially selected holdings will not necessarily stay in the survey for three years. In 2017, holdings of the first rotation group were substituted, in 2018 - holdings of the second rotation group, and in 2019 - holdings of the third rotation group. Extra-large holdings will participate without being substituted. Every year approximately 4000 holdings out of 12000 holdings selected a year before being changed. Newly introduced holdings will belong to the same rotation group which its predecessor belonged to.

At First, initial weights of selected holdings from s-th stratum will be calculated:  $W_{s,0} = N_s/n_s$

Where  $N_s$  is the number of holdings, and  $n_s$  - number of selected holdings in s-th stratum.

In the strata of small, medium and large holdings, all the interviewed holdings of s-th stratum will have the following weight assigned:  $W_{s,1} = (N_s - u_s * W_{s,0}) * r_s$

Where  $r_s$  is the number of responses in s-th stratum, and  $u_s$  is the number of selected holdings in the stratum that do not exist.

In extra-large holding strata the difference between holdings with respect to their sizes might be very large and distributing the weights of non-responses on interviewed holdings might give misleading results. Because of this, in order to weight the holdings of this size, post-stratification should be done. At first, the main specialization of all holdings should be determined. That is, the crop type (or type of animals/poultry) which makes up the bulk of holding's ACI should be determined. All the extra-large holdings of the country should be grouped according to their main specializations. The holdings, ACI of which exceeds 300 should be grouped together separately from other holdings. The latter stratum should also include all the other extra-large holdings which have a unique specialization countrywide. The interviewed holdings of this stratum should have final weights set to their initial weights ( $W_{s,0} = 1$ ), and the holdings which exist but were not interviewed for some reason, should have their data filled in through some method (imputation, results of previous survey, or data obtained from other

sources). All of these cases should be considered individually. In the rest of the extra-large holdings weighting should be carried out as it is done in the case of small, medium and large holdings.

After forming the sample initial weights were calculated. Afterwards, the accuracy of estimates (obtained from selected holdings) for the parameters from the database was calculated.

## Data collection

### DATES OF DATA COLLECTION

Start	End	Cycle
2022-01-11	2022-01-31	Inception Survey
2022-04-01	2022-04-12	I Q survey
2022-07-01	2022-07-12	II Q survey
2022-10-01	2022-10-12	III Q survey
2023-01-11	2023-01-22	IV Q (Final) survey

### DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

### DATA COLLECTION NOTES

From 2006 to 2017 data for the Survey of Agriculture Holdings were collected using paper-based questionnaires, while since 2018 data are collected using tablet-based computer-assisted personal interviewing (CAPI) methods. In case of agricultural enterprises data are collected via online questionnaires CAWI- Computer Assisted Web-interviewing).

## questionnaires

### QUESTIONNAIRES

Detailed information on structure, and sections of questionnaires used in the survey of agricultural holdings are available in following link: <https://www.geostat.ge/en/modules/categories/564/questionnaires-Agricultural-Statistics>

## data\_processing

### DATA EDITING

After the field work, cleaning and harmonization of all inquiries are established at the Geostat head office - logical and arithmetical inconsistencies, as well as non-typical and suspicious data are detected, checked and corrected. Verification of the data is performed by contacting the respondents by phone. If verification with respondent is impossible, different imputation methods are used. Finally, indicators are calculated using weighted data. The obtained results are compared with corresponding results of the previous periods. In case of significant differences, the possible causes are identified and analyzed.

### METHODOLOGY NOTES

Statistical Disclosure Control (SDC): Microdata are disseminated as Public Use Files under the terms indicated in Geostat Rule on Access to Confidential Data for Scientific and Research Purposes (available at: <https://www.geostat.ge/media/61533/Rule-on-Access-to-Confidential-Datafor-Scientific-and-Research-Purposes....pdf>).

This rule indicates that the users must comply with the following conditions:

- Not to attempt to identify a natural/legal person in any way (including by comparing this data with other individual data).
- Not to disclose individual data to a third party (person) other than the parties to the agreement, and/or not to use this data for a purpose other than the purpose specified in the relevant request.
- Not to disclose aggregated data obtained from individual data that can be used to identify a statistical unit indirectly.
- To destroy individual data upon completion of the scientific and research project.

In addition, anonymization methods have been applied to the microdata files to protect the confidentiality of the individual data collected. These methods include: i) removal of information that may directly identify a respondent (name, address,

phone number, etc.), ii) grouping values of some variables into categories (e.g. age), iii) limiting geographical information to the region level, iv) suppression of some data points for variables that, in combination with others, may pose a relevant risk of identification of a statistical unit, v) grouping agricultural holdings with extreme values into aggregates, etc. In the latter case, agricultural holdings with extreme values in certain numerical variables were merged together into aggregated records. Their code starts with "aggreg\_", followed by random numbers of six digits. Non aggregated records have a code starting with "single\_" and represent single holdings.

Users must be aware that the data protection with SDC methods involves modifying the data, including suppression of some data points. It may therefore have unwanted consequences, such as sampling error and bias. It should be noted that the impact of anonymization on these data was generally stronger on the smaller subpopulations, and for this reason data by region were more distorted than national totals, and data from enterprises were much more impacted than data from family holdings (given that the number of holdings in the enterprises category is much lower).

## Access policy

### CONTACTS

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### CONFIDENTIALITY

1. The Law of Georgia on Official Statistics: - According to the article 5 of the law individual data collected or received by the producer of official statistics, relating to natural or legal persons, must be strictly confidential and used only for statistical purposes. - According to the article 34 (Observing Confidentiality of Statistical Data) of the law. 1. Data collected, processed, and stored to produce official statistics are confidential if they enable the direct or indirect identification of a statistical unit. In addition, aggregated data are subject to statistical confidentiality: a) Aggregates composed of 1 to 3 units, when the unit is a natural or legal person if one of these units could be identified indirectly, thereby disclosing individual data about this unit. Aggregates composed of more than 3 units may be declared confidential by the Executive Director if required to ensure statistical confidentiality b) Information declares as a state secret on the basis of the "Law of Georgia on State Secrets". 2. Statistical data about the administrative body cannot be considered confidential information, except for the information determined by the Law of Georgia "On State Secrets". 3. For official statistics, it is obligatory to destroy or store separately the identity data including the questionnaires containing such data and used for statistical surveys according to the rules defined in the Georgian legislation. 4. Individual data obtained from publicly available sources, which are defined as public information in accordance with the legislation of Georgia, shall not be considered confidential information. 5. Confidential (individual) data may be published if there is written consent from the statistical unit regarding the publication of such data. 6. It is not allowed to disseminate and distribute confidential data or use it for non-statistical purposes. - According to the article 38 (Confidentiality commitments) of the law the confidential statistical data collected and processed for the purpose of statistical survey shall not be used or disseminated by the employees of the producers of Official Statistics.  
<https://www.geostat.ge/media/56202/The-Law-of-Georgia-on-Official-Statistics.pdf> 2. Data Confidentiality Policy at Geostat  
 3. Rule on Access to Confidential Data for Scientific and Research Purposes  
<https://geostat.ge/media/61533/Rule-on-Access-to-Confidential-Data-for-Scientific-and-Research-Purposes....pdf>  
[https://geostat.ge/media/61535/Annex-1\\_Registration-application\\_Geostat\\_En.docx](https://geostat.ge/media/61535/Annex-1_Registration-application_Geostat_En.docx) 4. The Law of Georgia on Personal Data Protection <https://matsne.gov.ge/en/document/view/1561437?publication=9>

### ACCESS CONDITIONS

Data Confidentiality Policy at Geostat

[https://www.geostat.ge/media/20860/Data-Confidentiality-Policy-at-Geostat\\_En.pdf](https://www.geostat.ge/media/20860/Data-Confidentiality-Policy-at-Geostat_En.pdf)

Rule on Access to Confidential Data for Scientific and Research Purposes

<https://geostat.ge/media/61533/Rule-on-Access-to-Confidential-Data-for-Scientific-and-Research-Purposes....pdf>

[https://geostat.ge/media/61535/Annex-1\\_Registration-application\\_Geostat\\_En.docx](https://geostat.ge/media/61535/Annex-1_Registration-application_Geostat_En.docx)

## Metadata production

### DDI DOCUMENT ID

DDI\_GEO\_2022\_SAH\_v01\_M\_v01\_A\_ESS\_FAO

### PRODUCERS

Name	Abbreviation	Affiliation	Role
National Statistics of Georgia	GEOSTAT		Metadata producer
Dissemination and Outreach Team, Statistics Division		Food and Agriculture Organization	Metadata adapted for FAM
Development Economics Data Group	DECDG	The World Bank	Metadata adapted for World Bank Microdata Library

## DDI DOCUMENT VERSION

Identical to a metadata (GEO\_2022\_SAH\_v01\_EN\_M\_v01\_A\_ESS) published on FAO microdata repository (<https://microdata.fao.org/index.php/catalog>). Some of the metadata fields have been edited.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
<b>ag_holdings</b>	6511	15
<b>cost_of_production</b>	47033	8
<b>crop_prod_and_use</b>	45487	18
<b>fertilizers</b>	4254	11
<b>greenhouse_crops</b>	138	9
<b>hay_prod_and_use</b>	1277	14
<b>income</b>	252	8
<b>livestock</b>	96283	19
<b>livestock_primary_prod</b>	43470	18
<b>manure</b>	1160	12
<b>parcels</b>	15228	22
<b>permanent_crops</b>	7265	12
<b>pesticides</b>	5641	12
<b>scattered_trees</b>	26444	10
<b>secondary_prod_for_animal_feed</b>	4085	15
<b>temporary_crops</b>	22996	13
<b>warehouse_access</b>	45493	11
<b>workers</b>	70284	14





**Data file: ag\_holdings**

Cases: 6511

variables: 15

**variables**

ID	Name	Label	Question
V1	Code	Holding code	
V2	weight	Weight	
V3	Quarter	Quarter	
V4	Region	Region	
V5	LegalStatusID	Legal status of the holding	
V6	GenderID	Gender of the holder	
V7	Age	Age of the holder	
V8	ParcelQty	Number of parcels operated by the holding	
V9	OwnedArea	Area of the holding land: owned (in ha)	
V10	LeasedArea	Area of the holding land: rented (in ha)	
V11	LeasedAreaGov	Area of the holding land: rented from state (in ha)	
V12	LeasedAreaPriv	Area of the holding land: rented from a private person (in ha)	
V13	TotalArea	Area of the holding land: total area (in ha)	
V14	AgrDestination	Basic agricultural orientation of the farm	
V15	PreferencesID	Purpose of agricultural production of the holding	

total: 15

**Data file: cost\_of\_production**

Cases: 47033

variables: 8

**variables**

ID	Name	Label	Question
V16	Code	Holding code	
V17	weight	Weight	
V18	Quarter	Quarter	
V19	Region	Region	
V20	LegalStatusID	Legal status of the holding	
V21	CostCode	The type of cost	
V22	MoneyAmt	Amount paid in cash	
V23	NatureAmt	Estimated value of amount paid in kind	

total: 8

**Data file: crop\_prod\_and\_use**

Cases: 45487

variables: 18

**variables**

ID	Name	Label	Question
V24	Code	Holding code	
V25	weight	Weight	
V26	Quarter	Quarter	
V27	Region	Region	
V28	LegalStatusID	Legal status of the holding	
V29	Crop	Crop	
V30	InitialStock	Stock as of 1 January of the reference year	
V31	Production	Production of crop during the year	
V32	Sale	Amount of crop sold during the reference year	
V33	Gifted	Amount of crop gifted during the reference year	
V34	PaidInKind	Amount of crop paid in kind during the reference year	
V35	Processing	Amount of crop processed during the reference year	
V36	ForFeed	Amount of crop used for feeding humans during the reference year	
V37	ForAnimal	Amount of crop used for feeding animals during the reference year	
V38	ForSeed	Amount of crop used for seed during the reference year	
V39	Waste	Amount of crop wasted during the reference year	
V40	Stock	Stock as of 31 December of the reference year	
V41	SaleValue	Amount of money received by the holder for selling the crop	

total: 18

**Data file: fertilizers**

Cases: 4254

variables: 11

**variables**

ID	Name	Label	Question
V42	Code	Holding code	
V43	weight	Weight	
V44	Quarter	Quarter	
V45	Region	Region	
V46	LegalStatusID	Legal status of the holding	
V47	FertCode	Type of fertilizer	
V48	TotalQty	Quantity of fertilizer used	
V49	Gifted	Quantity of fertilizer used that was gifted	
V50	Price	Price per kilogram of fertilizer (GEL)	
V51	TempCropsArea	Area of temporary crops that was fertilized	
V52	PermCropsArea	Area of permanent crops that was fertilized	

total: 11

**Data file: greenhouse\_crops**

Cases: 138

variables: 9

**variables**

ID	Name	Label	Question
V53	Code	Holding code	
V54	weight	Weight	
V55	Quarter	Quarter	
V56	Region	Region	
V57	LegalStatusID	Legal status of the holding	
V58	Crop	Crop	
V59	ParcelID	Parcel unique code	
V60	Area	Physical area of the greenhouse (in square meters)	
V61	Production	Production harvested from greenhouses (in tonnes)	

total: 9

**Data file: hay\_prod\_and\_use**

Cases: 1277

variables: 14

**variables**

ID	Name	Label	Question
V62	Code	Holding code	
V63	weight	Weight	
V64	Quarter	Quarter	
V65	Region	Region	
V66	LegalStatusID	Legal status of the holding	
V67	InitialStock	Stock as of 1 January of the reference year	
V68	Production	Production of hay during the year	
V69	Sale	Amount of hay sold during the reference year	
V70	Gifted	Amount of hay gifted during the reference year	
V71	PaidInKind	Amount of hay paid in kind during the reference year	
V72	ForAnimal	Amount of hay used for feeding animals during the reference year	
V73	Waste	Amount of hay wasted during the reference year	
V74	Stock	Stock of hay as of 31 December of the reference year	
V75	SaleValue	Amount of money received by the holder for selling the hay	

total: 14

**Data file: income**

Cases: 252

variables: 8

**variables**

ID	Name	Label	Question
V76	Code	Holding code	
V77	weight	Weight	
V78	Quarter	Quarter	
V79	Region	Region	
V80	LegalStatusID	Legal status of the holding	
V81	IncomeCode	Type of income	
V82	MoneyAmt	Income earned in cash (GEL)	
V83	NatureAmt	Income earned in kind (GEL)	

total: 8



**Data file: livestock**

Cases: 96283

variables: 19

**variables**

ID	Name	Label	Question
V84	Code	Holding code	
V85	weight	Weight	
V86	Quarter	Quarter	
V87	Region	Region	
V88	LegalStatusID	Legal status of the holding	
V89	SpeciesID	Code of type of livestock	
V90	InitialHeads	Number of livestock as of beginning of the reference quarter	
V91	Acquisitions	Number of livestock purchased or received as gift during the reference quarter	
V92	Births	Number of birthed livestock during the reference quarter	
V93	RaisedInFarm	Number of adult or mother livestock raised in farm during the reference quarter	
V94	Losses	Number of livestock that was lost during the reference quarter	
V95	SlaughteredInFarm	Number of livestock that was slaughtered in farm during the reference quarter	
V96	DeliveredForSlaughtering	Number of livestock delivered for slaughtering during the reference quarter	
V97	GiftedForSlaughtering	Number of livestock gifted for slaughtering during the reference quarter	
V98	OtherPurposeDelivery	Number of livestock delivered for other reason (not slaughtering) in ref.quarter	
V99	OtherPurposeGift	Number of livestock gifted for other reason (not slaughtering) in ref.quarter	
V100	PaidInKind	Number of livestock that was paid in kind during the reference quarter	
V101	FinalHeads	Number of livestock as of end of the reference quarter	
V102	SaleValue	Amount of money that was received by the holder for selling the livestock	

total: 19

**Data file: livestock\_primary\_prod**

Cases: 43470

variables: 18

**variables**

ID	Name	Label	Question
V103	Code	Holding code	
V104	weight	Weight	
V105	Quarter	Quarter	
V106	Region	Region	
V107	LegalStatusID	Legal status of the holding	
V108	ProductID	Code of type of primary animal production	
V109	Quantity	Quantity of livestock from which animal production produced	
V110	InitialStock	Total Stock of animal production as of beginning of the reference quarter	
V111	Production	Production of the product during the quarter	
V112	Sale	The amount of product sold during the reference quarter	
V113	Gifted	Quantity of product gifted during the reference quarter	
V114	PaidInKind	The amount of product that was paid in kind during the reference quarter	
V115	Processing	The amount of product processed during the reference quarter	
V116	ForFeed	The amount of product used for feeding humans during the reference quarter	
V117	ForAnimal	The amount of product used for feeding animals during the reference quarter	
V118	Waste	Amount of product wasted during the reference quarter	
V119	Stock	Total Stock of animal production at the end of the reference quarter	
V120	SaleValue	Amount of money that was received by the holder for selling the product	

total: 18

**Data file: manure**

Cases: 1160

variables: 12

**variables**

ID	Name	Label	Question
V121	Code	Holding code	
V122	weight	Weight	
V123	Quarter	Quarter	
V124	Region	Region	
V125	LegalStatusID	Legal status of the holding	
V126	Total	Total quantity (kg) of manure used	
V127	Own	Total quantity (kg) of used owned manure	
V128	Bought	Total quantity (kg) of used purchased manure	
V129	Other	Total quantity (kg) of used other manure	
V130	Price	Price of 1 kg of manure (GEL)	
V131	TempCropsArea	Area of temporary crops fertilized with manure (in ha)	
V132	PermCropsArea	Area of permanent crops fertilized with manure (in ha)	

total: 12

**Data file: parcels**

Cases: 15228

variables: 22

**variables**

ID	Name	Label	Question
V133	Code	Holding code	
V134	weight	Weight	
V135	Quarter	Quarter	
V136	Region	Region	
V137	LegalStatusID	Legal status of the holding	
V138	ParcelID	Parcel unique code	
V139	TenureType	Type of tenure	
V140	Area	Total area of the parcel (in ha)	
V141	TotalGhArea	Area of greenhouses in the parcel (in square metres)	
V142	HouseNumber	Quantity of houses in the parcel	
V143	HouseArea	Area of houses (in ha)	
V144	Arable_land	Arable land (in ha)	
V145	Land_for_aquaculture	Land for aquaculture (in ha)	
V146	Land_under_permanent_crops	Land under permanent crops (in ha)	
V147	Land_yard_buildings_incl_greenhs	Land under yards and buildings (including greenhouses)	
V148	Natural_Pastures	Natural Pastures (in ha)	
V149	Natural_meadow	Natural meadow (in ha)	
V150	Other_land	Other land (in ha)	
V151	Woodland	Woodland (in ha)	
V152	Long_time_uncl_as_meadow_pasture	Long time uncultivated land, used as meadows and pastures	
V153	Long_time_uncultivated_land	Long time uncultivated land (in ha)	
V154	Temporarily_uncultivated_land	Temporarily uncultivated land (in ha)	

total: 22

**Data file: permanent\_crops**

Cases: 7265

variables: 12

**variables**

ID	Name	Label	Question
V155	Code	Holding code	
V156	weight	Weight	
V157	Quarter	Quarter	
V158	Region	Region	
V159	LegalStatusID	Legal status of the holding	
V160	Crop	Crop	
V161	ParcelID	Parcel unique code	
V162	SpecCode	Type of crop-mix	
V163	Area	Area of permanent crop (in ha)	
V164	TreesTotal	Number of trees	
V165	TreesInProd	Number of trees in production age	
V166	ProdHarvested	Production harvested (in tonnes)	

total: 12

**Data file: pesticides**

Cases: 5641

variables: 12

**variables**

ID	Name	Label	Question
V167	Code	Holding code	
V168	weight	Weight	
V169	Quarter	Quarter	
V170	Region	Region	
V171	LegalStatusID	Legal status of the holding	
V172	PestCode	Code of group of pesticides	
V173	UnitID	Code of unit of measure	
V174	TotalQty	Total quantity of pesticide used	
V175	Gifted	Quantity of used pesticide that was gifted	
V176	Price	Price of 1 unit of measure fertilizer (GEL)	
V177	TempCropsArea	Area of temporary crops that was treated with pesticide	
V178	PermCropsArea	Area of permanent crops that was treated with pesticide	

total: 12

**Data file: scattered\_trees**

Cases: 26444

variables: 10

**variables**

ID	Name	Label	Question
V179	Code	Holding code	
V180	weight	Weight	
V181	Quarter	Quarter	
V182	Region	Region	
V183	LegalStatusID	Legal status of the holding	
V184	Crop	Crop	
V185	ParcelID	Parcel unique code	
V186	TreesTotal	Number of scattered trees	
V187	TreesInProd	Number of scattered trees in production age	
V188	ProdHarvested	Production harvested from scattered trees (in tonnes)	

total: 10

**Data file: secondary\_prod\_for\_animal\_feed**

Cases: 4085

variables: 15

**variables**

ID	Name	Label	Question
V189	Code	Holding code	
V190	weight	Weight	
V191	Quarter	Quarter	
V192	Region	Region	
V193	LegalStatusID	Legal status of the holding	
V194	CropCode	Type of secondary product	
V195	InitialStock	Stock as of 1 January of the reference year	
V196	Production	Production of the secondary product during the year	
V197	Sale	Amount of secondary product sold during the reference year	
V198	Gifted	Amount of secondary product gifted during the reference year	
V199	PaidInKind	Amount of secondary product paid in kind during the reference year	
V200	ForAnimal	Amount of secondary product used for feeding animals during the reference year	
V201	Waste	Amount of secondary product wasted during the reference year	
V202	Stock	Stock as of 31 December of the reference year	
V203	SaleValue	Amount of money received by the holder for selling the secondary product	

total: 15



**Data file: temporary\_crops**

Cases: 22996

variables: 13

**variables**

ID	Name	Label	Question
V204	Code	Holding code	
V205	weight	Weight	
V206	Quarter	Quarter	
V207	Region	Region	
V208	LegalStatusID	Legal status of the holding	
V209	Crop	Crop	
V210	ParcelID	Parcel unique code	
V211	SpecCode	Type of crop-mix sown	
V212	Area	Area sown (in ha)	
V213	IrrigationID	Identification of the irrigation of area sown	
V214	HarvestedArea	Area harvested (in ha)	
V215	ProdHarvested	Production harvested (in tonnes)	
V216	Area_for_2023	Area sown in 2022 (in ha) to be harvested in 2023 [subset of 'Area']	

total: 13

**Data file: warehouse\_access**

Cases: 45493

variables: 11

**variables**

ID	Name	Label	Question
V217	Code	Holding code	
V218	weight	Weight	
V219	Quarter	Quarter	
V220	Region	Region	
V221	LegalStatusID	Legal status of the holding	
V222	AvailabilityID	Type of agricultural product	
V223	AvailabilityYesNO	Opportunity to store agricultural products	
V224	InStore	Opportunity to store agricultural products in own storage (not modern)	
V225	InModernStore	Opportunity to store agricultural products in own storage (modern)	
V226	OutStore	Opportunity to store agricultural products in not-owned storage (not modern)	
V227	OutModernStore	Opportunity to store agricultural products in not-owned storage (modern)	

total: 11

**Data file: workers**

Cases: 70284

variables: 14

**variables**

ID	Name	Label	Question
V228	Code	Holding code	
V229	weight	Weight	
V230	Quarter	Quarter	
V231	Region	Region	
V232	LegalStatusID	Legal status of the holding	
V233	IndGroup	Type of worker/group of workers	
V234	Gender	Gender of worker	
V235	Quantity	Quantity of workers in the group	
V236	FemaleQuantity	Quantity of female workers in the group	
V237	FullDay	Number of days that worker or group worked full day (8 hours or more)	
V238	HalfDay	Number of days that worker or group worked half day (between 4 and 7 hours)	
V239	LessDay	Number of days worker or group worked less than half day (less than 4 hours)	
V240	ManHour	Total number of hours worked at the holding (for enterprises)	
V241	WomanHour	Total number of hours worked at the holding by females (for enterprises)	

total: 14



**CODE: Holding code****Data file:** ag\_holdings**Overview**

Valid: 6511    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

---

**LEASEDAREA: Area of the holding land: rented (in ha)****Data file:** ag\_holdings**Overview**

Valid: 6489    Invalid: 22    Minimum: 0    Maximum: 1064    Mean: 3.63    Standard deviation: 37.624  
 Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 1064    Format: Numeric

---

**WEIGHT: Weight****Data file:** ag\_holdings**Overview**

Valid: 6511    Invalid: 0    Minimum: -0.563    Maximum: 28039.763    Mean: 91.48    Standard deviation: 661.92  
 Type: Continuous    Decimal: 0    Width: 18    Range: -0.562764186480395 - 28039.7627750994    Format: Numeric

---

**QUARTER: Quarter****Data file:** ag\_holdings**Overview**

Valid: 6511    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		6511	100%

---

**REGION: Region****Data file:** ag\_holdings**Overview**

Valid: 6393    Invalid: 118  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
11	Tbilisi	18	0.3%
15	Adjara AR	383	6%
23	Guria	409	6.4%
26	Imereti	891	13.9%
29	Kakheti	1387	21.7%
32	Mtskheta-Mtianeti	296	4.6%
35	Racha-Lechkhumi and Kvemo Svaneti	215	3.4%
38	Samegrelo-Zemo Svaneti	952	14.9%
41	Samtskhe-Javakheti	576	9%
44	Kvemo Kartli	738	11.5%
47	Shida Kartli	528	8.3%
Sysmiss		118	

### LEGALSTATUSID: Legal status of the holding

Data file: ag\_holdings

#### Overview

Valid: 6511 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Enterprises	118	1.8%
2	Family holdings	6393	98.2%

### GENDERID: Gender of the holder

Data file: ag\_holdings

#### Overview

Valid: 6497 Invalid: 14

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Male	4644	71.5%
2	Female	1853	28.5%
Sysmiss		14	

### AGE: Age of the holder

Data file: ag\_holdings

#### Overview

Valid: 6493 Invalid: 0  
Type: Discrete Width: 5 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
35-54		1689	26%
55-64		1882	29%
65+		2751	42.4%
<35		171	2.6%

### PARCELQTY: Number of parcels operated by the holding

Data file: ag\_holdings

#### Overview

Valid: 6509 Invalid: 2 Minimum: 0 Maximum: 21 Mean: 2.343 Standard deviation: 1.576  
Type: Continuous Decimal: 0 Width: 2 Range: 0 - 21 Format: Numeric

### OWNEDAREA: Area of the holding land: owned (in ha)

Data file: ag\_holdings

#### Overview

Valid: 6501 Invalid: 10 Minimum: 0 Maximum: 1338.53 Mean: 5.463 Standard deviation: 45.855  
Type: Continuous Decimal: 0 Width: 7 Range: 0 - 1338.53 Format: Numeric

**LEASEDAREAGOV: Area of the holding land: rented from state (in ha)****Data file:** ag\_holdings**Overview**

Valid: 496    Invalid: 6015    Minimum: 0    Maximum: 800    Mean: 20.698    Standard deviation: 82.303  
 Type: Continuous    Decimal: 0    Width: 3    Range: 0 - 800    Format: Numeric

**LEASEDAREAPRIV: Area of the holding land: rented from a private person (in ha)****Data file:** ag\_holdings**Overview**

Valid: 497    Invalid: 6014    Minimum: 0    Maximum: 1064    Mean: 26.745    Standard deviation: 103.778  
 Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 1064    Format: Numeric

**TOTALAREA: Area of the holding land: total area (in ha)****Data file:** ag\_holdings**Overview**

Valid: 6509    Invalid: 2    Minimum: 0    Maximum: 1632    Mean: 9.075    Standard deviation: 61.522  
 Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 1632    Format: Numeric

**AGRDESTINATION: Basic agricultural orientation of the farm****Data file:** ag\_holdings**Overview**

Valid: 6258    Invalid: 253  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1	Producing primarily for sale (selling 90% or more)	246	3.9%
2	Producing mainly for sale, with some own consumption (selling more than 50% and up to 90%)	777	12.4%
3	Producing mainly for own consumption, with some sales (selling more than 10% and up to 50%)	1216	19.4%
4	Producing primarily for own consumption (selling 10% or less)	4019	64.2%
Sysmiss		253	

**PREFERENCESID: Purpose of agricultural production of the holding****Data file:** ag\_holdings



## Overview

Valid: 6497 Invalid: 14

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
1	Mainly crop production	3329	51.2%
2	Mainly animal production	984	15.1%
3	Mixed production (equally crop production and animal production)	2184	33.6%
Sysmiss		14	

---

**CODE: Holding code****Data file: cost\_of\_production****Overview**

Valid: 47033 Invalid: 0  
 Type: Discrete Width: 13 Range: - Format: character

**WEIGHT: Weight****Data file: cost\_of\_production****Overview**

Valid: 47033 Invalid: 0 Minimum: -0.563 Maximum: 28039.763 Mean: 52.122 Standard deviation: 261.857  
 Type: Continuous Decimal: 0 Width: 18 Range: -0.562764186480395 - 28039.7627750994 Format: Numeric

**QUARTER: Quarter****Data file: cost\_of\_production****Overview**

Valid: 47033 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		10397	22.1%
2		17263	36.7%
3		12616	26.8%
4		6757	14.4%

**REGION: Region****Data file: cost\_of\_production****Overview**

Valid: 45010 Invalid: 2023  
 Type: Discrete Decimal: 0 Width: 2 Range: 11 - 47 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	51	0.1%

15	Adjara AR	1859	4.1%
23	Guria	2484	5.5%
26	Imereti	6127	13.6%
29	Kakheti	11563	25.7%
32	Mtskheta-Mtianeti	1319	2.9%
35	Racha-Lechkhumi and Kvemo Svaneti	1077	2.4%
38	Samegrelo-Zemo Svaneti	6967	15.5%
41	Samtskhe-Javakheti	4741	10.5%
44	Kvemo Kartli	5363	11.9%
47	Shida Kartli	3459	7.7%
Sysmiss		2023	

## LEGALSTATUSID: Legal status of the holding

Data file: cost\_of\_production

### Overview

Valid: 47033 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	1310	2.8%
2	Family holdings	45723	97.2%

## COSTCODE: The type of cost

Data file: cost\_of\_production

### Overview

Valid: 46978 Invalid: 55

Type: Discrete Decimal: 0 Width: 2 Range: 11 - 61 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
11	Crops: seeds	3527	7.5%
12	Crops: water	367	0.8%
13	Crops: other	30	0.1%

21	Livestock: feed	13448	28.6%
22	Livestock: veterinary services	2736	5.8%
23	Livestock: other	948	2%
31	Machinery: fuel	4940	10.5%
32	Machinery: maintenance	612	1.3%
33	Machinery: hiring	7404	15.8%
34	Machinery: other	123	0.3%
41	General: electricity	1314	2.8%
42	General: repaying credit	208	0.4%
43	General: rent	189	0.4%
44	General: taxes	138	0.3%
45	General: labour force	3636	7.7%
46	General: processing products	3972	8.5%
47	General: other	391	0.8%
51	Capital: purchase machinery and tools	238	0.5%
52	Capital: purchase livestock	2613	5.6%
53	Capital: purchase buildings	4	0%
54	Capital: construct buildings	21	0%
55	Capital: purchase land	9	0%
56	Capital: improve land	17	0%
57	Capital: other	76	0.2%
61	Other expenditures: contractual services	17	0%
Sysmiss		55	

## MONEYAMT: Amount paid in cash

Data file: cost\_of\_production

### Overview

Valid: 46897    Invalid: 136    Minimum: 1    Maximum: 6235577    Mean: 1809.932    Standard deviation: 35679.081

Type: Continuous    Decimal: 0    Width: 7    Range: 1 - 6235577    Format: Numeric

## NATUREAMT: Estimated value of amount paid in kind

Data file: cost\_of\_production

### Overview

Valid: 466    Invalid: 46567    Minimum: 0    Maximum: 107500    Mean: 686.583    Standard deviation: 5218.571

Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 107500    Format: Numeric

**CODE: Holding code****Data file: crop\_prod\_and\_use****Overview**

Valid: 45487    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file: crop\_prod\_and\_use****Overview**

Valid: 45487    Invalid: 0    Minimum: -0.563    Maximum: 28039.763    Mean: 229.712    Standard deviation: 1661.105  
 Type: Continuous    Decimal: 0    Width: 18    Range: -0.562764186480395 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file: crop\_prod\_and\_use****Overview**

Valid: 45487    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		45487	100%

**REGION: Region****Data file: crop\_prod\_and\_use****Overview**

Valid: 45142    Invalid: 345  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	55	0.1%
15	Adjara AR	4582	10.2%
23	Guria	3548	7.9%

26	Imereti	7225	16%
29	Kakheti	8497	18.8%
32	Mtskheta-Mtianeti	2196	4.9%
35	Racha-Lechkhumi and Kvemo Svaneti	1732	3.8%
38	Samegrelo-Zemo Svaneti	7489	16.6%
41	Samtskhe-Javakheti	2711	6%
44	Kvemo Kartli	3748	8.3%
47	Shida Kartli	3359	7.4%
Sysmiss		345	

## LEGALSTATUSID: Legal status of the holding

Data file: crop\_prod\_and\_use

### Overview

Valid: 45487 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	62	0.1%
2	Family holdings	45425	99.9%

## CROP: Crop

Data file: crop\_prod\_and\_use

### Overview

Valid: 45483 Invalid: 0

Type: Discrete Width: 27 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Apple		3114	6.8%
Apricots		303	0.7%
Blueberry		8	0%
Cabbage		247	0.5%
Carrot		196	0.4%

Chard		241	0.5%
Cherries		1187	2.6%
Cucumber		2445	5.4%
Eggplant		394	0.9%
Feijoa		417	0.9%
Fig		1014	2.2%
Garlic		733	1.6%
Green beans		883	1.9%
Green maize		218	0.5%
Haricot beans		1290	2.8%
Hay of annual grasses		161	0.4%
Hay of perennial grasses		113	0.2%
Hazelnut		2058	4.5%
Herbs		3462	7.6%
Kiwi		163	0.4%
Lemon		391	0.9%
Lettuce		69	0.2%
Loquat		308	0.7%
Maize		2228	4.9%
Melon		17	0%
Nectarine		14	0%
Oats		37	0.1%
Onion (dry)		676	1.5%
Orange		201	0.4%
Other permanent crops		814	1.8%
Other temporary crops		87	0.2%
Other vegetables		40	0.1%
Peach		768	1.7%
Pear		2283	5%
Pepper		1093	2.4%
Persimmon		1497	3.3%
Plum, prune and damson		1309	2.9%
Pomegranate		497	1.1%
Potato		1839	4%
Pumpkin		285	0.6%
Quince		630	1.4%
Raspberry		76	0.2%
Red beet		188	0.4%
Red grapes		1753	3.9%

Sour plum, cherry plum		1980	4.4%
Spring barley		244	0.5%
Spring wheat		90	0.2%
Strawberry, musk strawberry		35	0.1%
Sunflower		19	0%
Tangerine		739	1.6%
Tomato		2496	5.5%
Walnut		1818	4%
Watermelon		16	0%
White grapes		1832	4%
Winter barley		105	0.2%
Winter wheat		362	0.8%

## INITIALSTOCK: Stock as of 1 January of the reference year

Data file: crop\_prod\_and\_use

### Overview

Valid: 6443 Invalid: 39044 Minimum: 0 Maximum: 442000 Mean: 848.427 Standard deviation: 7267.012  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 442000 Format: Numeric

## PRODUCTION: Production of crop during the year

Data file: crop\_prod\_and\_use

### Overview

Valid: 44201 Invalid: 1286 Minimum: 0.013 Maximum: 1400000 Mean: 763.384 Standard deviation: 11973.061  
 Type: Continuous Decimal: 0 Width: 7 Range: 0.013 - 1400000 Format: Numeric

## SALE: Amount of crop sold during the reference year

Data file: crop\_prod\_and\_use

### Overview

Valid: 5923 Invalid: 39564 Minimum: 0 Maximum: 600000 Mean: 3746.086 Standard deviation: 21522.058  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 600000 Format: Numeric

## GIFTED: Amount of crop gifted during the reference year

Data file: crop\_prod\_and\_use



**Overview**

Valid: 5597   Invalid: 39890   Minimum: 0   Maximum: 8000   Mean: 33.517   Standard deviation: 186.244  
 Type: Continuous   Decimal: 0   Width: 4   Range: 0 - 8000   Format: Numeric

---

**PAIDINKIND: Amount of crop paid in kind during the reference year**

Data file: crop\_prod\_and\_use

**Overview**

Valid: 39   Invalid: 45448   Minimum: 0   Maximum: 300   Mean: 35.342   Standard deviation: 81.383  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 300   Format: Numeric

---

**PROCESSING: Amount of crop processed during the reference year**

Data file: crop\_prod\_and\_use

**Overview**

Valid: 12763   Invalid: 32724   Minimum: 0   Maximum: 432000   Mean: 392.709   Standard deviation: 8580.106  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 432000   Format: Numeric

---

**FORFEED: Amount of crop used for feeding humans during the reference year**

Data file: crop\_prod\_and\_use

**Overview**

Valid: 36007   Invalid: 9480   Minimum: 0   Maximum: 1650   Mean: 25.621   Standard deviation: 56.453  
 Type: Continuous   Decimal: 0   Width: 4   Range: 0 - 1650   Format: Numeric

---

**FORANIMAL: Amount of crop used for feeding animals during the reference year**

Data file: crop\_prod\_and\_use

**Overview**

Valid: 3442   Invalid: 42045   Minimum: 0   Maximum: 220000   Mean: 622.727   Standard deviation: 4662.603  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0 - 220000   Format: Numeric

---

**FORSEED: Amount of crop used for seed during the reference year**

Data file: crop\_prod\_and\_use

**Overview**

Valid: 2447   Invalid: 43040   Minimum: 0   Maximum: 51000   Mean: 588.327   Standard deviation: 2741.259  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0 - 51000   Format: Numeric

---

**WASTE: Amount of crop wasted during the reference year****Data file: crop\_prod\_and\_use****Overview**

Valid: 567    Invalid: 44920    Minimum: 0    Maximum: 3000    Mean: 69.014    Standard deviation: 249.258  
 Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 3000    Format: Numeric

---

**STOCK: Stock as of 31 December of the reference year****Data file: crop\_prod\_and\_use****Overview**

Valid: 7277    Invalid: 38210    Minimum: 0    Maximum: 1400000    Mean: 999.704    Standard deviation: 18032.496  
 Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1400000    Format: Numeric

---

**SALEVALUE: Amount of money received by the holder for selling the crop****Data file: crop\_prod\_and\_use****Overview**

Valid: 5923    Invalid: 39564    Minimum: 0    Maximum: 660000    Mean: 4108.338    Standard deviation: 22076.125  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 660000    Format: Numeric

---

**CODE: Holding code****Data file: fertilizers****Overview**

Valid: 4254   Invalid: 0  
 Type: Discrete   Width: 13   Range: -   Format: character

**WEIGHT: Weight****Data file: fertilizers****Overview**

Valid: 4254   Invalid: 0   Minimum: -0.563   Maximum: 28039.763   Mean: 242.362   Standard deviation: 1734.628  
 Type: Continuous   Decimal: 0   Width: 18   Range: -0.562764186480395 - 28039.7627750994   Format: Numeric

**QUARTER: Quarter****Data file: fertilizers****Overview**

Valid: 4254   Invalid: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 4 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		4254	100%

**REGION: Region****Data file: fertilizers****Overview**

Valid: 4144   Invalid: 110  
 Type: Discrete   Decimal: 0   Width: 2   Range: 11 - 47   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	0	0%
15	Adjara AR	444	10.7%
23	Guria	219	5.3%

26	Imereti	955	23%
29	Kakheti	582	14%
32	Mtskheta-Mtianeti	7	0.2%
35	Racha-Lechkhumi and Kvemo Svaneti	88	2.1%
38	Samegrelo-Zemo Svaneti	930	22.4%
41	Samtskhe-Javakheti	446	10.8%
44	Kvemo Kartli	227	5.5%
47	Shida Kartli	246	5.9%
Sysmiss		110	

## LEGALSTATUSID: Legal status of the holding

Data file: fertilizers

### Overview

Valid: 4254 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	106	2.5%
2	Family holdings	4148	97.5%

## FERTCODE: Type of fertilizer

Data file: fertilizers

### Overview

Valid: 4254 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 6 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Total	2031	47.7%
1	Nitrogenous fertilizers	1952	45.9%
2	Phosphorous fertilizers	73	1.7%
3	Potassic fertilizers	49	1.2%
4	Composite fertilizers	138	3.2%

5	Meliorants and agrominerals	0	0%
6	Peat and fertilizer made from it	11	0.3%

## TOTALQTY: Quantity of fertilizer used

Data file: fertilizers

### Overview

Valid: 2223 Invalid: 2031 Minimum: 0.02 Maximum: 53875 Mean: 533.446 Standard deviation: 2641.259  
 Type: Continuous Decimal: 0 Width: 5 Range: 0.02 - 53875 Format: Numeric

## GIFTED: Quantity of fertilizer used that was gifted

Data file: fertilizers

### Overview

Valid: 2130 Invalid: 2124 Minimum: 0 Maximum: 650 Mean: 11.6 Standard deviation: 42.435  
 Type: Continuous Decimal: 0 Width: 3 Range: 0 - 650 Format: Numeric

## PRICE: Price per kilogram of fertilizer (GEL)

Data file: fertilizers

### Overview

Valid: 2054 Invalid: 2200 Minimum: 0 Maximum: 889.83 Mean: 4.751 Standard deviation: 30.716  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 889.83 Format: Numeric

## TEMPCROPSAREA: Area of temporary crops that was fertilized

Data file: fertilizers

### Overview

Valid: 3876 Invalid: 378 Minimum: 0 Maximum: 198.9 Mean: 1.855 Standard deviation: 11.765  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 198.9 Format: Numeric

## PERMCROPSAREA: Area of permanent crops that was fertilized

Data file: fertilizers

### Overview

Valid: 2603 Invalid: 1651 Minimum: 0 Maximum: 173.6 Mean: 1.505 Standard deviation: 9.789  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 173.6 Format: Numeric

**CODE: Holding code****Data file: greenhouse\_crops****Overview**

Valid: 138    Invalid: 0

Type: Discrete    Width: 13    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
aggreg_004445		1	0.7%
aggreg_027810		11	8%
aggreg_046558		11	8%
aggreg_047206		1	0.7%
aggreg_068683		8	5.8%
aggreg_075932		2	1.4%
aggreg_089491		3	2.2%
single_000566		3	2.2%
single_001802		2	1.4%
single_002530		4	2.9%
single_003417		2	1.4%
single_007581		2	1.4%
single_010608		2	1.4%
single_011597		1	0.7%
single_012012		1	0.7%
single_013757		1	0.7%
single_014932		2	1.4%
single_014948		2	1.4%
single_017584		2	1.4%
single_018621		1	0.7%
single_019176		3	2.2%
single_023989		2	1.4%
single_029838		1	0.7%
single_030526		1	0.7%
single_030832		1	0.7%
single_032412		2	1.4%
single_034891		2	1.4%
single_034937		2	1.4%
single_035634		1	0.7%
single_040172		2	1.4%

single_043433		1	0.7%
single_045209		2	1.4%
single_046516		1	0.7%
single_047116		2	1.4%
single_048007		2	1.4%
single_048369		2	1.4%
single_052983		3	2.2%
single_053410		2	1.4%
single_054494		2	1.4%
single_058864		2	1.4%
single_059125		3	2.2%
single_059175		1	0.7%
single_060927		3	2.2%
single_061876		3	2.2%
single_063149		1	0.7%
single_064920		1	0.7%
single_069385		2	1.4%
single_073030		2	1.4%
single_076015		2	1.4%
single_078524		1	0.7%
single_078965		3	2.2%
single_079939		3	2.2%
single_084179		2	1.4%
single_084241		1	0.7%
single_086554		2	1.4%
single_090531		1	0.7%
single_092552		3	2.2%
single_094191		1	0.7%
single_098944		1	0.7%
single_099009		1	0.7%
single_099776		2	1.4%
single_100901		1	0.7%

## WEIGHT: Weight

Data file: greenhouse\_crops

### Overview

Valid: 138 Invalid: 0 Minimum: 1 Maximum: 28039.763 Mean: 5085.063 Standard deviation: 8990.654  
 Type: Continuous Decimal: 0 Width: 16 Range: 1 - 28039.7627750994 Format: Numeric

**QUARTER: Quarter****Data file:** greenhouse\_crops**Overview**

Valid: 138 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 4 - 4 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		138	100%

**REGION: Region****Data file:** greenhouse\_crops**Overview**

Valid: 126 Invalid: 12

Type: Discrete Decimal: 0 Width: 2 Range: 11 - 47 Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	0	0%
15	Adjara AR	0	0%
23	Guria	3	2.4%
26	Imereti	91	72.2%
29	Kakheti	29	23%
32	Mtskheta-Mtianeti	0	0%
35	Racha-Lechkhumi and Kvemo Svaneti	0	0%
38	Samegrelo-Zemo Svaneti	2	1.6%
41	Samtskhe-Javakheti	0	0%
44	Kvemo Kartli	0	0%
47	Shida Kartli	1	0.8%
Sysmiss		12	

**LEGALSTATUSID: Legal status of the holding****Data file:** greenhouse\_crops



## Overview

Valid: 138 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Enterprises	1	0.7%
2	Family holdings	137	99.3%

## CROP: Crop

Data file: greenhouse\_crops

## Overview

Valid: 135 Invalid: 0

Type: Discrete Width: 29 Range: - Format: character

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
Cucumber		29	21.5%
Eggplant		3	2.2%
Green beans		7	5.2%
Herbs		43	31.9%
Lettuce		2	1.5%
Melon		1	0.7%
Other temporary crops		1	0.7%
Other vegetables		1	0.7%
Pepper		8	5.9%
Potato		1	0.7%
Strawberry, musk strawberry		2	1.5%
Temporarily uncultivated land		7	5.2%
Tomato		30	22.2%

## PARCELID: Parcel unique code

Data file: greenhouse\_crops

**Overview**

Valid: 101   Invalid: 37   Minimum: 821749   Maximum: 854945   Mean: 837259.535   Standard deviation: 8104.237

Type: Continuous   Decimal: 0   Width: 6   Range: 821749 - 854945   Format: Numeric

---

**AREA: Physical area of the greenhouse (in square meters)**

**Data file:** greenhouse\_crops

**Overview**

Valid: 138   Invalid: 0   Minimum: 0.012   Maximum: 3000   Mean: 471.665   Standard deviation: 655.495

Type: Continuous   Decimal: 0   Width: 5   Range: 0.012 - 3000   Format: Numeric

---

**PRODUCTION: Production harvested from greenhouses (in tonnes)**

**Data file:** greenhouse\_crops

**Overview**

Valid: 131   Invalid: 7   Minimum: 0   Maximum: 8662.948   Mean: 659.742   Standard deviation: 1152.431

Type: Continuous   Decimal: 0   Width: 8   Range: 0 - 8662.948   Format: Numeric

---

**CODE: Holding code****Data file:** hay\_prod\_and\_use**Overview**

Valid: 1277    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file:** hay\_prod\_and\_use**Overview**

Valid: 1277    Invalid: 0    Minimum: 1    Maximum: 28039.763    Mean: 179.785    Standard deviation: 1488.313  
 Type: Continuous    Decimal: 0    Width: 16    Range: 1 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file:** hay\_prod\_and\_use**Overview**

Valid: 1277    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		1277	100%

**REGION: Region****Data file:** hay\_prod\_and\_use**Overview**

Valid: 1259    Invalid: 18  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	1	0.1%
15	Adjara AR	137	10.9%
23	Guria	42	3.3%
26	Imereti	73	5.8%

29	Kakheti	119	9.5%
32	Mtskheta-Mtianeti	81	6.4%
35	Racha-Lechkhumi and Kvemo Svaneti	81	6.4%
38	Samegrelo-Zemo Svaneti	55	4.4%
41	Samtskhe-Javakheti	324	25.7%
44	Kvemo Kartli	240	19.1%
47	Shida Kartli	106	8.4%
Sysmiss		18	

## LEGALSTATUSID: Legal status of the holding

Data file: hay\_prod\_and\_use

### Overview

Valid: 1277 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	3	0.2%
2	Family holdings	1274	99.8%

## INITIALSTOCK: Stock as of 1 January of the reference year

Data file: hay\_prod\_and\_use

### Overview

Valid: 807 Invalid: 470 Minimum: 2 Maximum: 140000 Mean: 4074.232 Standard deviation: 10448.853

Type: Continuous Decimal: 0 Width: 6 Range: 2 - 140000 Format: Numeric

## PRODUCTION: Production of hay during the year

Data file: hay\_prod\_and\_use

### Overview

Valid: 1205 Invalid: 72 Minimum: 6.3 Maximum: 210000 Mean: 4977.145 Standard deviation: 9962.162

Type: Continuous Decimal: 0 Width: 6 Range: 6.3 - 210000 Format: Numeric

## SALE: Amount of hay sold during the reference year

Data file: hay\_prod\_and\_use

**Overview**

Valid: 59   Invalid: 1218   Minimum: 0   Maximum: 10000   Mean: 1813.307   Standard deviation: 2054.295  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0 - 10000   Format: Numeric

---

**GIFTED: Amount of hay gifted during the reference year**

Data file: hay\_prod\_and\_use

**Overview**

Valid: 31   Invalid: 1246   Minimum: 0   Maximum: 1600   Mean: 413.978   Standard deviation: 474.502  
 Type: Continuous   Decimal: 0   Width: 4   Range: 0 - 1600   Format: Numeric

---

**PAIDINKIND: Amount of hay paid in kind during the reference year**

Data file: hay\_prod\_and\_use

**Overview**

Valid: 5   Invalid: 1272   Minimum: 0   Maximum: 2000   Mean: 660.094   Standard deviation: 936.934  
 Type: Continuous   Decimal: 0   Width: 4   Range: 0 - 2000   Format: Numeric

---

**FORANIMAL: Amount of hay used for feeding animals during the reference year**

Data file: hay\_prod\_and\_use

**Overview**

Valid: 1179   Invalid: 98   Minimum: 3.6   Maximum: 150000   Mean: 3915.829   Standard deviation: 7847.124  
 Type: Continuous   Decimal: 0   Width: 6   Range: 3.6 - 150000   Format: Numeric

---

**WASTE: Amount of hay wasted during the reference year**

Data file: hay\_prod\_and\_use

**Overview**

Valid: 10   Invalid: 1267   Minimum: 0   Maximum: 500   Mean: 75.062   Standard deviation: 153.173  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 500   Format: Numeric

---

**STOCK: Stock of hay as of 31 December of the reference year**

Data file: hay\_prod\_and\_use

**Overview**

Valid: 1070   Invalid: 207   Minimum: 4.4   Maximum: 200000   Mean: 4247.414   Standard deviation: 10978.037  
 Type: Continuous   Decimal: 0   Width: 6   Range: 4.4 - 200000   Format: Numeric

---

**SALEVALUE: Amount of money received by the holder for selling the hay****Data file: hay\_prod\_and\_use****Overview**

Valid: 59   Invalid: 1218   Minimum: 0   Maximum: 5000   Mean: 711.053   Standard deviation: 961.386  
Type: Continuous   Decimal: 0   Width: 4   Range: 0 - 5000   Format: Numeric

---

**CODE: Holding code****Data file: income****Overview**

Valid: 252    Invalid: 0

Type: Discrete    Width: 13    Range: -    Format: character

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
aggreg_004445		1	0.4%
aggreg_022048		1	0.4%
aggreg_027810		1	0.4%
aggreg_030323		1	0.4%
aggreg_046558		1	0.4%
aggreg_047206		1	0.4%
aggreg_068683		1	0.4%
aggreg_075932		1	0.4%
aggreg_080702		1	0.4%
aggreg_084955		1	0.4%
aggreg_089491		1	0.4%
single_000344		1	0.4%
single_000859		1	0.4%
single_001120		1	0.4%
single_001127		1	0.4%
single_002220		1	0.4%
single_003982		1	0.4%
single_004069		1	0.4%
single_004237		1	0.4%
single_004694		1	0.4%
single_005966		1	0.4%
single_005996		1	0.4%
single_006106		1	0.4%
single_007591		1	0.4%
single_008069		1	0.4%
single_008644		1	0.4%
single_009412		1	0.4%
single_010093		1	0.4%
single_010234		1	0.4%
single_010435		1	0.4%

single_010459		1	0.4%
single_010620		1	0.4%
single_011366		1	0.4%
single_011823		1	0.4%
single_012411		1	0.4%
single_013554		1	0.4%
single_014400		1	0.4%
single_014507		1	0.4%
single_014626		1	0.4%
single_017479		1	0.4%
single_017841		1	0.4%
single_018088		1	0.4%
single_018138		1	0.4%
single_018174		1	0.4%
single_018474		1	0.4%
single_018640		1	0.4%
single_018992		1	0.4%
single_019519		2	0.8%
single_019589		1	0.4%
single_020472		1	0.4%
single_021891		1	0.4%
single_022266		1	0.4%
single_023788		1	0.4%
single_023857		1	0.4%
single_023947		1	0.4%
single_024005		2	0.8%
single_024035		1	0.4%
single_024237		1	0.4%
single_024740		1	0.4%
single_024896		1	0.4%
single_026237		1	0.4%
single_027330		1	0.4%
single_027779		1	0.4%
single_027836		1	0.4%
single_028882		1	0.4%
single_028934		1	0.4%
single_029279		1	0.4%
single_029405		1	0.4%
single_030734		1	0.4%



single_031475		1	0.4%
single_033427		1	0.4%
single_033716		1	0.4%
single_034452		2	0.8%
single_034453		1	0.4%
single_034553		1	0.4%
single_034897		1	0.4%
single_035852		1	0.4%
single_035862		1	0.4%
single_035868		1	0.4%
single_035954		1	0.4%
single_036018		1	0.4%
single_036125		1	0.4%
single_036946		1	0.4%
single_037124		1	0.4%
single_037210		1	0.4%
single_037542		1	0.4%
single_038329		1	0.4%
single_039521		1	0.4%
single_039893		1	0.4%
single_040069		1	0.4%
single_040257		1	0.4%
single_041272		1	0.4%
single_041281		1	0.4%
single_041347		1	0.4%
single_044211		1	0.4%
single_044994		1	0.4%
single_045108		1	0.4%
single_045115		1	0.4%
single_045606		1	0.4%
single_047368		1	0.4%
single_047889		1	0.4%
single_048629		1	0.4%
single_048956		1	0.4%
single_049046		1	0.4%
single_049135		1	0.4%
single_050506		1	0.4%
single_051023		1	0.4%
single_051124		1	0.4%

single_051147		1	0.4%
single_051218		1	0.4%
single_051846		1	0.4%
single_053018		1	0.4%
single_053458		1	0.4%
single_054023		1	0.4%
single_054024		1	0.4%
single_054332		1	0.4%
single_054352		1	0.4%
single_054409		1	0.4%
single_054551		1	0.4%
single_054608		1	0.4%
single_055063		1	0.4%
single_056438		1	0.4%
single_056830		1	0.4%
single_056853		1	0.4%
single_056954		1	0.4%
single_057837		1	0.4%
single_058691		1	0.4%
single_059528		1	0.4%
single_059719		1	0.4%
single_060150		1	0.4%
single_060241		1	0.4%
single_060593		1	0.4%
single_061400		1	0.4%
single_062394		1	0.4%
single_062540		1	0.4%
single_063069		1	0.4%
single_063364		1	0.4%
single_063668		1	0.4%
single_063795		1	0.4%
single_064116		1	0.4%
single_065646		1	0.4%
single_065703		1	0.4%
single_065848		1	0.4%
single_066126		1	0.4%
single_066719		1	0.4%
single_067643		1	0.4%
single_068409		1	0.4%

single_068861		1	0.4%
single_068892		1	0.4%
single_069493		1	0.4%
single_069673		1	0.4%
single_069701		1	0.4%
single_069994		1	0.4%
single_070472		1	0.4%
single_071101		1	0.4%
single_071379		1	0.4%
single_072332		1	0.4%
single_072478		1	0.4%
single_072511		1	0.4%
single_072808		1	0.4%
single_073169		1	0.4%
single_073247		1	0.4%
single_074158		1	0.4%
single_074542		1	0.4%
single_074717		1	0.4%
single_074762		1	0.4%
single_074957		1	0.4%
single_075406		1	0.4%
single_075429		1	0.4%
single_075432		1	0.4%
single_075688		1	0.4%
single_075895		1	0.4%
single_075917		1	0.4%
single_076269		1	0.4%
single_076324		1	0.4%
single_077011		1	0.4%
single_077409		1	0.4%
single_077568		2	0.8%
single_077747		1	0.4%
single_078506		1	0.4%
single_078654		1	0.4%
single_079196		1	0.4%
single_079271		1	0.4%
single_079885		1	0.4%
single_080236		1	0.4%
single_080545		1	0.4%

single_080739		1	0.4%
single_080991		1	0.4%
single_081043		1	0.4%
single_081470		1	0.4%
single_082038		1	0.4%
single_082622		1	0.4%
single_082951		1	0.4%
single_083026		1	0.4%
single_083549		1	0.4%
single_085239		1	0.4%
single_085407		1	0.4%
single_085742		1	0.4%
single_086029		1	0.4%
single_087212		1	0.4%
single_087565		1	0.4%
single_088825		1	0.4%
single_088829		1	0.4%
single_089015		1	0.4%
single_089311		1	0.4%
single_089363		1	0.4%
single_089764		1	0.4%
single_090066		1	0.4%
single_090161		1	0.4%
single_090362		1	0.4%
single_090420		1	0.4%
single_091020		1	0.4%
single_091188		1	0.4%
single_091632		1	0.4%
single_091755		1	0.4%
single_092291		1	0.4%
single_092448		1	0.4%
single_093362		1	0.4%
single_093622		1	0.4%
single_093736		1	0.4%
single_094010		1	0.4%
single_094183		1	0.4%
single_094484		1	0.4%
single_094495		1	0.4%
single_094716		1	0.4%

single_095109		1	0.4%
single_096520		1	0.4%
single_096697		1	0.4%
single_096982		1	0.4%
single_097539		1	0.4%
single_097896		1	0.4%
single_098120		1	0.4%
single_098159		1	0.4%
single_098368		1	0.4%
single_098405		1	0.4%
single_098681		1	0.4%
single_098944		1	0.4%
single_098985		1	0.4%
single_099086		1	0.4%
single_099191		1	0.4%
single_099203		1	0.4%
single_099795		1	0.4%
single_100788		1	0.4%
single_101526		1	0.4%
single_101814		1	0.4%
single_101913		1	0.4%
single_102146		1	0.4%
single_102507		1	0.4%

## WEIGHT: Weight

Data file: income

### Overview

Valid: 252 Invalid: 0 Minimum: 1 Maximum: 28039.763 Mean: 594.887 Standard deviation: 2974.767  
 Type: Continuous Decimal: 0 Width: 16 Range: 1 - 28039.7627750994 Format: Numeric

## QUARTER: Quarter

Data file: income

### Overview

Valid: 252 Invalid: 0  
 Type: Discrete Decimal: 0 Width: 1 Range: 4 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
4		252	100%

### REGION: Region

Data file: income

#### Overview

Valid: 249 Invalid: 3

Type: Discrete Decimal: 0 Width: 2 Range: 11 - 47 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
11	Tbilisi	0	0%
15	Adjara AR	0	0%
23	Guria	4	1.6%
26	Imereti	5	2%
29	Kakheti	128	51.4%
32	Mtskheta-Mtianeti	0	0%
35	Racha-Lechkhumi and Kvemo Svaneti	1	0.4%
38	Samegrelo-Zemo Svaneti	25	10%
41	Samtskhe-Javakheti	38	15.3%
44	Kvemo Kartli	33	13.3%
47	Shida Kartli	15	6%
Sysmiss		3	

### LEGALSTATUSID: Legal status of the holding

Data file: income

#### Overview

Valid: 252 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1	Enterprises	2	0.8%
2	Family holdings	250	99.2%

## INMECODE: Type of income

Data file: income

### Overview

Valid: 240 Invalid: 12

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 9 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Work performed on another farm	205	85.4%
2	Renting land and buildings	32	13.3%
3	Renting other agricultural assets	1	0.4%
4	Hotel, restaurant, catering and other leisure / educational services	0	0%
9		2	0.8%
Sysmiss		12	

## MONEYAMT: Income earned in cash (GEL)

Data file: income

### Overview

Valid: 238 Invalid: 14 Minimum: 2.8 Maximum: 34353.7 Mean: 2013.361 Standard deviation: 2776.037

Type: Continuous Decimal: 0 Width: 7 Range: 2.8 - 34353.7 Format: Numeric

## NATUREAMT: Income earned in kind (GEL)

Data file: income

### Overview

Valid: 18 Invalid: 234 Minimum: 0 Maximum: 1200 Mean: 295.011 Standard deviation: 337.337

Type: Continuous Decimal: 0 Width: 4 Range: 0 - 1200 Format: Numeric

**CODE: Holding code****Data file: livestock****Overview**

Valid: 96283    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file: livestock****Overview**

Valid: 96283    Invalid: 0    Minimum: 1    Maximum: 28039.763    Mean: 91.761    Standard deviation: 738.194  
 Type: Continuous    Decimal: 0    Width: 16    Range: 1 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file: livestock****Overview**

Valid: 96283    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		26710	27.7%
2		26538	27.6%
3		26068	27.1%
4		16967	17.6%

**REGION: Region****Data file: livestock****Overview**

Valid: 94043    Invalid: 2240  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	104	0.1%



15	Adjara AR	4170	4.4%
23	Guria	6413	6.8%
26	Imereti	13790	14.7%
29	Kakheti	17379	18.5%
32	Mtskheta-Mtianeti	3883	4.1%
35	Racha-Lechkhumi and Kvemo Svaneti	3408	3.6%
38	Samegrelo-Zemo Svaneti	17184	18.3%
41	Samtskhe-Javakheti	9489	10.1%
44	Kvemo Kartli	11957	12.7%
47	Shida Kartli	6266	6.7%
Sysmiss		2240	

## LEGALSTATUSID: Legal status of the holding

Data file: livestock

### Overview

Valid: 96283 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	234	0.2%
2	Family holdings	96049	99.8%

## SPECIESID: Code of type of livestock

Data file: livestock

### Overview

Valid: 96240 Invalid: 43

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 21 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Bovines	15695	16.3%
2	Bovines above 2 years	15064	15.7%
3	Dairy cows	14694	15.3%

4	Buffaloes	167	0.2%
5	Buffaloes above 2 years	157	0.2%
6	Dairy buffaloes	151	0.2%
7	Sheep	1571	1.6%
8	Mother sheep	1486	1.5%
9	Goats	379	0.4%
10	Mother goats	328	0.3%
11	Pigs	4353	4.5%
12	Sows	1719	1.8%
13	Horses	1059	1.1%
14	Asses and mules	266	0.3%
15	Rabbits	186	0.2%
16	Beehives	752	0.8%
17	Chicken	18999	19.7%
18	Laying chicken	17392	18.1%
19	Turkeys	1028	1.1%
20	Ducks and geese	776	0.8%
21	Other poultry	18	0%
Sysmiss		43	

## INITIALHEADS: Number of livestock as of beginning of the reference quarter

Data file: livestock

### Overview

Valid: 93142 Invalid: 3141 Minimum: 0.00065 Maximum: 45461 Mean: 17.471 Standard deviation: 366.298

Type: Continuous Decimal: 0 Width: 7 Range: 0.00065 - 45461 Format: Numeric

## ACQUISITIONS: Number of livestock purchased or received as gift during the reference quarter

Data file: livestock

### Overview

Valid: 5479 Invalid: 90804 Minimum: 7.7e-05 Maximum: 10000 Mean: 18.032 Standard deviation: 218.659

Type: Continuous Decimal: 0 Width: 7 Range: 7.7e-05 - 10000 Format: Numeric

## BIRTHS: Number of birthed livestock during the reference quarter

Data file: livestock

**Overview**

Valid: 7856 Invalid: 88427 Minimum: 0.00019 Maximum: 26469.321 Mean: 26.047 Standard deviation: 566.042  
 Type: Continuous Decimal: 0 Width: 11 Range: 0.00019 - 26469.32086 Format: Numeric

---

### **RAISEDINFARM: Number of adult or mother livestock raised in farm during the reference quarter**

**Data file: livestock**

**Overview**

Valid: 3818 Invalid: 92465 Minimum: 0.00013 Maximum: 5000 Mean: 7.39 Standard deviation: 106.765  
 Type: Continuous Decimal: 0 Width: 7 Range: 0.00013 - 5000 Format: Numeric

---

### **PAIDINKIND: Number of livestock that was paid in kind during the reference quarter**

**Data file: livestock**

**Overview**

Valid: 15 Invalid: 96268 Minimum: 0.004 Maximum: 430 Mean: 29.434 Standard deviation: 110.82  
 Type: Continuous Decimal: 0 Width: 5 Range: 0.004 - 430 Format: Numeric

---

### **FINALHEADS: Number of livestock as of end of the reference quarter**

**Data file: livestock**

**Overview**

Valid: 92955 Invalid: 3328 Minimum: 0 Maximum: 44239 Mean: 17.678 Standard deviation: 350.944  
 Type: Continuous Decimal: 0 Width: 5 Range: 0 - 44239 Format: Numeric

---

### **SALEVALUE: Amount of money that was received by the holder for selling the livestock**

**Data file: livestock**

**Overview**

Valid: 7580 Invalid: 88703 Minimum: 0.01 Maximum: 180530 Mean: 2705.614 Standard deviation: 7301.622  
 Type: Continuous Decimal: 0 Width: 6 Range: 0.01 - 180530 Format: Numeric

---

### **LOSSES: Number of livestock that was lost during the reference quarter**

**Data file: livestock**

**Overview**

Valid: 6537 Invalid: 89746 Minimum: 6.4e-05 Maximum: 6751 Mean: 10.112 Standard deviation: 144.87  
 Type: Continuous Decimal: 0 Width: 7 Range: 6.4e-05 - 6751 Format: Numeric

**SLAUGHTEREDINFARM: Number of livestock that was slaughtered in farm during the reference quarter****Data file: livestock****Overview**

Valid: 16046    Invalid: 80237    Minimum: 0.00023    Maximum: 15605.571    Mean: 7.521    Standard deviation: 193.674  
 Type: Continuous    Decimal: 0    Width: 11    Range: 0.00023 - 15605.57074    Format: Numeric

**DELIVEREDFORSLAUGHTERING: Number of livestock delivered for slaughtering during the reference quarter****Data file: livestock****Overview**

Valid: 3185    Invalid: 93098    Minimum: 0.00024    Maximum: 6420    Mean: 10.591    Standard deviation: 166.832  
 Type: Continuous    Decimal: 0    Width: 7    Range: 0.00024 - 6420    Format: Numeric

**GIFTEDFORSLAUGHTERING: Number of livestock gifted for slaughtering during the reference quarter****Data file: livestock****Overview**

Valid: 484    Invalid: 95799    Minimum: 0.0001    Maximum: 30    Mean: 1.91    Standard deviation: 2.584  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0.0001 - 30    Format: Numeric

**OTHERPURPOSEDELIVERY: Number of livestock delivered for other reason (not slaughtering) in ref.quarter****Data file: livestock****Overview**

Valid: 5049    Invalid: 91234    Minimum: 7.7e-05    Maximum: 15447.904    Mean: 18.341    Standard deviation: 375.138  
 Type: Continuous    Decimal: 0    Width: 12    Range: 7.7e-05 - 15447.904147    Format: Numeric

**OTHERPURPOSEGIFT: Number of livestock gifted for other reason (not slaughtering) in ref.quarter****Data file: livestock****Overview**

Valid: 448    Invalid: 95835    Minimum: 0.00041    Maximum: 140    Mean: 2.535    Standard deviation: 8.69  
 Type: Continuous    Decimal: 0    Width: 7    Range: 0.00041 - 140    Format: Numeric



**CODE: Holding code****Data file:** livestock\_primary\_prod**Overview**

Valid: 43470    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file:** livestock\_primary\_prod**Overview**

Valid: 43470    Invalid: 0    Minimum: 1    Maximum: 28039.763    Mean: 112.364    Standard deviation: 879.946  
 Type: Continuous    Decimal: 0    Width: 16    Range: 1 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 43470    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		11847	27.3%
2		11855	27.3%
3		11879	27.3%
4		7889	18.1%

**REGION: Region****Data file:** livestock\_primary\_prod**Overview**

Valid: 42535    Invalid: 935  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	42	0.1%

15	Adjara AR	1549	3.6%
23	Guria	2880	6.8%
26	Imereti	6755	15.9%
29	Kakheti	8455	19.9%
32	Mtskheta-Mtianeti	1620	3.8%
35	Racha-Lechkhumi and Kvemo Svaneti	1436	3.4%
38	Samegrelo-Zemo Svaneti	7747	18.2%
41	Samtskhe-Javakheti	3829	9%
44	Kvemo Kartli	5168	12.1%
47	Shida Kartli	3054	7.2%
Sysmiss		935	

## LEGALSTATUSID: Legal status of the holding

Data file: livestock\_primary\_prod

### Overview

Valid: 43470 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	72	0.2%
2	Family holdings	43398	99.8%

## PRODUCTID: Code of type of primary animal production

Data file: livestock\_primary\_prod

### Overview

Valid: 43456 Invalid: 14

Type: Discrete Decimal: 0 Width: 2 Range: 1 - 17 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Meat from slaughtered bovines (kg)	483	1.1%
2	Meat from slaughtered buffalo (kg)	0	0%
3	Meat from slaughtered pigs (kg)	1224	2.8%

4	Meat from slaughtered sheep (kg)	491	1.1%
5	Meat from slaughtered goats (kg)	48	0.1%
6	Meat from slaughtered rabbits (kg)	49	0.1%
7	Meat from slaughtered chickens (kg)	9943	22.9%
8	Meat from slaughtered turkey (kg)	287	0.7%
9	Meat from slaughtered ducks and geese (kg)	177	0.4%
10	Meat from slaughtered other poultry (kg)	0	0%
11	milk from milking cows (l)	12772	29.4%
12	milk from milking buffalos (kg)	84	0.2%
13	milk from milking sheep (l)	84	0.2%
14	Wool from sheared sheep (l)	583	1.3%
15	milk from milking goats (l)	13	0%
16	Eggs from laying hens (units)	16713	38.5%
17	Honey (kg)	505	1.2%
Sysmiss		14	

## ■ QUANTITY: Quantity of livestock from which animal production produced

Data file: livestock\_primary\_prod

### Overview

Valid: 42226    Invalid: 1244    Minimum: 0.00024    Maximum: 38580    Mean: 12.421    Standard deviation: 334.618

Type: Continuous    Decimal: 0    Width: 7    Range: 0.00024 - 38580    Format: Numeric

## ■ INITIALSTOCK: Total Stock of animal production as of beginning of the reference quarter

Data file: livestock\_primary\_prod

### Overview

Valid: 4125    Invalid: 39345    Minimum: 0.00064    Maximum: 117024.199    Mean: 177.115    Standard deviation: 3495.2

Type: Continuous    Decimal: 0    Width: 12    Range: 0.00064 - 117024.19884    Format: Numeric

## ■ PRODUCTION: Production of the product during the quarter

Data file: livestock\_primary\_prod

### Overview

Valid: 42226    Invalid: 1244    Minimum: 0.0047    Maximum: 2524380    Mean: 719.484    Standard deviation: 19944.421

Type: Continuous    Decimal: 0    Width: 7    Range: 0.0047 - 2524380    Format: Numeric



**SALE: The amount of product sold during the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 5371   Invalid: 38099   Minimum: 0.012   Maximum: 2113920   Mean: 3084.774   Standard deviation: 51999.598  
 Type: Continuous   Decimal: 0   Width: 7   Range: 0.012 - 2113920   Format: Numeric

---

**GIFTED: Quantity of product gifted during the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 6263   Invalid: 37207   Minimum: 0.00051   Maximum: 2840   Mean: 49.317   Standard deviation: 84.778  
 Type: Continuous   Decimal: 0   Width: 7   Range: 0.00051 - 2840   Format: Numeric

---

**PAIDINKIND: The amount of product that was paid in kind during the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 52   Invalid: 43418   Minimum: 0.0073   Maximum: 9000   Mean: 1518.072   Standard deviation: 2413.775  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.0073 - 9000   Format: Numeric

---

**PROCESSING: The amount of product processed during the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 12119   Invalid: 31351   Minimum: 0.012   Maximum: 185000   Mean: 760.52   Standard deviation: 2114.369  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.012 - 185000   Format: Numeric

---

**FORFEED: The amount of product used for feeding humans during the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 37285   Invalid: 6185   Minimum: 0.0048   Maximum: 6000   Mean: 81.727   Standard deviation: 106.492  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.0048 - 6000   Format: Numeric

---

**FORANIMAL: The amount of product used for feeding animals during the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 2786   Invalid: 40684   Minimum: 0.00094   Maximum: 17089.479   Mean: 186.501   Standard deviation:

658.351

Type: Continuous    Decimal: 0    Width: 11    Range: 0.00094 - 17089.47915    Format: Numeric

**WASTE: Amount of product wasted during the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 358    Invalid: 43112    Minimum: 0.0019    Maximum: 28800    Mean: 226.694    Standard deviation: 1638.845

Type: Continuous    Decimal: 0    Width: 6    Range: 0.0019 - 28800    Format: Numeric

**STOCK: Total Stock of animal production at the end of the reference quarter****Data file:** livestock\_primary\_prod**Overview**

Valid: 3970    Invalid: 39500    Minimum: 0.0028    Maximum: 514800    Mean: 325.12    Standard deviation: 9023.357

Type: Continuous    Decimal: 0    Width: 6    Range: 0.0028 - 514800    Format: Numeric

**SALEVALUE: Amount of money that was received by the holder for selling the product****Data file:** livestock\_primary\_prod**Overview**

Valid: 5371    Invalid: 38099    Minimum: 0.023    Maximum: 584052    Mean: 2156.016    Standard deviation: 14506.98

Type: Continuous    Decimal: 0    Width: 6    Range: 0.023 - 584052    Format: Numeric

**CODE: Holding code****Data file: manure****Overview**

Valid: 1160   Invalid: 0  
 Type: Discrete   Width: 13   Range: -   Format: character

**WEIGHT: Weight****Data file: manure****Overview**

Valid: 1160   Invalid: 0   Minimum: 1   Maximum: 28039.763   Mean: 202.712   Standard deviation: 1560.001  
 Type: Continuous   Decimal: 0   Width: 16   Range: 1 - 28039.7627750994   Format: Numeric

**QUARTER: Quarter****Data file: manure****Overview**

Valid: 1160   Invalid: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 4 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		1160	100%

**REGION: Region****Data file: manure****Overview**

Valid: 1151   Invalid: 9  
 Type: Discrete   Decimal: 0   Width: 2   Range: 11 - 47   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	1	0.1%
15	Adjara AR	147	12.8%
23	Guria	140	12.2%
26	Imereti	191	16.6%

29	Kakheti	87	7.6%
32	Mtskheta-Mtianeti	49	4.3%
35	Racha-Lechkhumi and Kvemo Svaneti	61	5.3%
38	Samegrelo-Zemo Svaneti	176	15.3%
41	Samtskhe-Javakheti	58	5%
44	Kvemo Kartli	191	16.6%
47	Shida Kartli	50	4.3%
Sysmiss		9	

## LEGALSTATUSID: Legal status of the holding

Data file: manure

### Overview

Valid: 1160 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	0	0%
2	Family holdings	1160	100%

## TOTAL: Total quantity (kg) of manure used

Data file: manure

### Overview

Valid: 1160 Invalid: 0 Minimum: 10 Maximum: 20000 Mean: 1734.722 Standard deviation: 2441.257

Type: Continuous Decimal: 0 Width: 5 Range: 10 - 20000 Format: Numeric

## OWN: Total quantity (kg) of used owned manure

Data file: manure

### Overview

Valid: 1158 Invalid: 2 Minimum: 0 Maximum: 20000 Mean: 1610.734 Standard deviation: 2257.237

Type: Continuous Decimal: 0 Width: 5 Range: 0 - 20000 Format: Numeric

## BOUGHT: Total quantity (kg) of used purchased manure

Data file: manure

**Overview**

Valid: 1157   Invalid: 3   Minimum: 0   Maximum: 15000   Mean: 121.944   Standard deviation: 1063.666  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0 - 15000   Format: Numeric

---

**OTHER: Total quantity (kg) of used other manure**

**Data file: manure**

**Overview**

Valid: 1159   Invalid: 1   Minimum: 0   Maximum: 5000   Mean: 28.686   Standard deviation: 231.046  
 Type: Continuous   Decimal: 0   Width: 4   Range: 0 - 5000   Format: Numeric

---

**PRICE: Price of 1 kg of manure (GEL)**

**Data file: manure**

**Overview**

Valid: 54   Invalid: 1106   Minimum: 0   Maximum: 1.5   Mean: 0.364   Standard deviation: 0.4  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 1.5   Format: Numeric

---

**TEMPCROPSAREA: Area of temporary crops fertilized with manure (in ha)**

**Data file: manure**

**Overview**

Valid: 1160   Invalid: 0   Minimum: 0   Maximum: 10   Mean: 0.134   Standard deviation: 0.353  
 Type: Continuous   Decimal: 0   Width: 2   Range: 0 - 10   Format: Numeric

---

**PERMCROPSAREA: Area of permanent crops fertilized with manure (in ha)**

**Data file: manure**

**Overview**

Valid: 1158   Invalid: 2   Minimum: 0   Maximum: 3   Mean: 0.0875   Standard deviation: 0.234  
 Type: Continuous   Decimal: 0   Width: 1   Range: 0 - 3   Format: Numeric

---

**CODE: Holding code****Data file: parcels****Overview**

Valid: 15228    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file: parcels****Overview**

Valid: 15228    Invalid: 0    Minimum: -0.563    Maximum: 28039.763    Mean: 67.83    Standard deviation: 434.473  
 Type: Continuous    Decimal: 0    Width: 18    Range: -0.562764186480395 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file: parcels****Overview**

Valid: 15228    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		15228	100%

**REGION: Region****Data file: parcels****Overview**

Valid: 14986    Invalid: 242  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	19	0.1%
15	Adjara AR	594	4%
23	Guria	932	6.2%
26	Imereti	2165	14.4%

29	Kakheti	3541	23.6%
32	Mtskheta-Mtianeti	597	4%
35	Racha-Lechkhumi and Kvemo Svaneti	508	3.4%
38	Samegrelo-Zemo Svaneti	1462	9.8%
41	Samtskhe-Javakheti	2271	15.2%
44	Kvemo Kartli	1426	9.5%
47	Shida Kartli	1471	9.8%
Sysmiss		242	

## LEGALSTATUSID: Legal status of the holding

Data file: parcels

### Overview

Valid: 15228 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	245	1.6%
2	Family holdings	14983	98.4%

## PARCELID: Parcel unique code

Data file: parcels

### Overview

Valid: 15214 Invalid: 14 Minimum: 794795 Maximum: 1016542 Mean: 834129.193 Standard deviation: 10167.849

Type: Continuous Decimal: 0 Width: 7 Range: 794795 - 1016542 Format: Numeric

## TENURETYPE: Type of tenure

Data file: parcels

### Overview

Valid: 15214 Invalid: 14

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Owned	14573	95.8%
2	Rented from state	306	2%
3	Rented from private person	335	2.2%
Sysmiss		14	

### AREA: Total area of the parcel (in ha)

Data file: parcels

#### Overview

Valid: 15228 Invalid: 0 Minimum: 0.001 Maximum: 800 Mean: 3.879 Standard deviation: 32.314  
 Type: Continuous Decimal: 0 Width: 5 Range: 0.001 - 800 Format: Numeric

### TOTALGHAREA: Area of greenhouses in the parcel (in square metres)

Data file: parcels

#### Overview

Valid: 195 Invalid: 15033 Minimum: 0 Maximum: 2000 Mean: 171.639 Standard deviation: 356.568  
 Type: Continuous Decimal: 0 Width: 4 Range: 0 - 2000 Format: Numeric

### HOUSENUMBER: Quantity of houses in the parcel

Data file: parcels

#### Overview

Valid: 6165 Invalid: 9063 Minimum: 0 Maximum: 4 Mean: 1.046 Standard deviation: 0.225  
 Type: Continuous Decimal: 0 Width: 1 Range: 0 - 4 Format: Numeric

### HOUSEAREA: Area of houses (in ha)

Data file: parcels

#### Overview

Valid: 6160 Invalid: 9068 Minimum: 0.17 Maximum: 1180 Mean: 141.847 Standard deviation: 68.261  
 Type: Continuous Decimal: 0 Width: 4 Range: 0.17 - 1180 Format: Numeric

### ARABLE\_LAND: Arable land (in ha)

Data file: parcels

#### Overview

Valid: 10320 Invalid: 4908 Minimum: 0.0001 Maximum: 764 Mean: 1.47 Standard deviation: 17.178  
 Type: Continuous Decimal: 0 Width: 6 Range: 0.0001 - 764 Format: Numeric



**LAND\_FOR\_AQUACULTURE: Land for aquaculture (in ha)****Data file: parcels****Overview**

Valid: 13   Invalid: 15215   Minimum: 3.6e-06   Maximum: 26   Mean: 2.635   Standard deviation: 7.278  
 Type: Continuous   Decimal: 0   Width: 7   Range: 3.6e-06 - 26   Format: Numeric

**LAND\_UNDER\_PERMANENT\_CROPS: Land under permanent crops (in ha)****Data file: parcels****Overview**

Valid: 3947   Invalid: 11281   Minimum: 0.0005   Maximum: 173.6   Mean: 0.802   Standard deviation: 4.192  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.0005 - 173.6   Format: Numeric

**LAND\_YARD\_BUILDINGS\_INCL\_GREENHS: Land under yards and buildings (including greenhouses)****Data file: parcels****Overview**

Valid: 6513   Invalid: 8715   Minimum: 0.001   Maximum: 60   Mean: 0.125   Standard deviation: 0.988  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0.001 - 60   Format: Numeric

**NATURAL\_PASTURES: Natural Pastures (in ha)****Data file: parcels****Overview**

Valid: 356   Invalid: 14872   Minimum: 0.0056   Maximum: 800   Mean: 104.253   Standard deviation: 153.577  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.0056 - 800   Format: Numeric

**NATURAL\_MEADOW: Natural meadow (in ha)****Data file: parcels****Overview**

Valid: 1133   Invalid: 14095   Minimum: 0.01   Maximum: 290   Mean: 1.884   Standard deviation: 12.913  
 Type: Continuous   Decimal: 0   Width: 4   Range: 0.01 - 290   Format: Numeric

**OTHER\_LAND: Other land (in ha)****Data file: parcels**

**Overview**

Valid: 181   Invalid: 15047   Minimum: 0.0016   Maximum: 300   Mean: 3.18   Standard deviation: 23.894  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.0016 - 300   Format: Numeric

---

**WOODLAND: Woodland (in ha)**

**Data file: parcels**

**Overview**

Valid: 194   Invalid: 15034   Minimum: 0.00014   Maximum: 9   Mean: 0.297   Standard deviation: 0.687  
 Type: Continuous   Decimal: 0   Width: 7   Range: 0.00014 - 9   Format: Numeric

---

**LONG\_TIME\_UNCL\_AS\_MEADOW\_PASTURE: Long time uncultivated land, used as meadows and pastures**

**Data file: parcels**

**Overview**

Valid: 154   Invalid: 15074   Minimum: 0.00029   Maximum: 38   Mean: 0.71   Standard deviation: 3.121  
 Type: Continuous   Decimal: 0   Width: 7   Range: 0.00029 - 38   Format: Numeric

---

**LONG\_TIME\_UNCULTIVATED\_LAND: Long time uncultivated land (in ha)**

**Data file: parcels**

**Overview**

Valid: 560   Invalid: 14668   Minimum: 0.00059   Maximum: 38.12   Mean: 0.49   Standard deviation: 2.337  
 Type: Continuous   Decimal: 0   Width: 7   Range: 0.00059 - 38.12   Format: Numeric

---

**TEMPORARILY\_UNCULTIVATED\_LAND: Temporarily uncultivated land (in ha)**

**Data file: parcels**

**Overview**

Valid: 5087   Invalid: 10141   Minimum: 0.0002   Maximum: 764   Mean: 1.589   Standard deviation: 22.004  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.0002 - 764   Format: Numeric

---

**CODE: Holding code****Data file: permanent\_crops****Overview**

Valid: 7265   Invalid: 0  
 Type: Discrete   Width: 13   Range: -   Format: character

**WEIGHT: Weight****Data file: permanent\_crops****Overview**

Valid: 7265   Invalid: 0   Minimum: -0.563   Maximum: 28039.763   Mean: 508.914   Standard deviation: 2723.646  
 Type: Continuous   Decimal: 0   Width: 18   Range: -0.562764186480395 - 28039.7627750994   Format: Numeric

**QUARTER: Quarter****Data file: permanent\_crops****Overview**

Valid: 7265   Invalid: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 4 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		7265	100%

**REGION: Region****Data file: permanent\_crops****Overview**

Valid: 7117   Invalid: 148  
 Type: Discrete   Decimal: 0   Width: 2   Range: 11 - 47   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	0	0%
15	Adjara AR	1469	20.6%
23	Guria	787	11.1%

26	Imereti	717	10.1%
29	Kakheti	1499	21.1%
32	Mtskheta-Mtianeti	165	2.3%
35	Racha-Lechkhumi and Kvemo Svaneti	159	2.2%
38	Samegrelo-Zemo Svaneti	1065	15%
41	Samtskhe-Javakheti	103	1.4%
44	Kvemo Kartli	35	0.5%
47	Shida Kartli	1118	15.7%
Sysmiss		148	

## LEGALSTATUSID: Legal status of the holding

Data file: permanent\_crops

### Overview

Valid: 7265 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	127	1.7%
2	Family holdings	7138	98.3%

## CROP: Crop

Data file: permanent\_crops

### Overview

Valid: 7259 Invalid: 0

Type: Discrete Width: 27 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Apple		468	6.4%
Apricots		64	0.9%
Blueberry		26	0.4%
Cherries		222	3.1%
Feijoa		79	1.1%

Fig		74	1%
Hazelnut		1673	23%
Kiwi		37	0.5%
Lemon		174	2.4%
Loquat		43	0.6%
Nectarine		14	0.2%
Orange		142	2%
Other permanent crops		306	4.2%
Peach		202	2.8%
Pear		248	3.4%
Persimmon		145	2%
Plum, prune and damson		219	3%
Pomegranate		32	0.4%
Quince		53	0.7%
Raspberry		47	0.6%
Red grapes		659	9.1%
Sour plum, cherry plum		238	3.3%
Strawberry, musk strawberry		42	0.6%
Tangerine		385	5.3%
Walnut		210	2.9%
White grapes		1457	20.1%

## PARCELID: Parcel unique code

Data file: permanent\_crops

### Overview

Valid: 7041   Invalid: 224   Minimum: 794830   Maximum: 1016540   Mean: 833983.792   Standard deviation: 9927.383

Type: Continuous   Decimal: 0   Width: 7   Range: 794830 - 1016540   Format: Numeric

## SPECCODE: Type of crop-mix

Data file: permanent\_crops

### Overview

Valid: 7041   Invalid: 224

Type: Discrete   Decimal: 0   Width: 1   Range: 0 - 1   Format: Numeric

## Questions and instructions

Value	Category	Cases	
0	Pure crop	3631	51.6%
1	Mixed crop	3410	48.4%
Sysmiss		224	

## AREA: Area of permanent crop (in ha)

Data file: permanent\_crops

### Overview

Valid: 4680 Invalid: 2585 Minimum: 1e-06 Maximum: 173.6 Mean: 0.677 Standard deviation: 3.604  
 Type: Continuous Decimal: 0 Width: 5 Range: 1e-06 - 173.6 Format: Numeric

## TREESTOTAL: Number of trees

Data file: permanent\_crops

### Overview

Valid: 7220 Invalid: 45 Minimum: 0 Maximum: 198000 Mean: 753.181 Standard deviation: 5180.065  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 198000 Format: Numeric

## TREESINPROD: Number of trees in production age

Data file: permanent\_crops

### Overview

Valid: 7219 Invalid: 46 Minimum: 0 Maximum: 198000 Mean: 655.97 Standard deviation: 4930.204  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 198000 Format: Numeric

## PRODHARVESTED: Production harvested (in tonnes)

Data file: permanent\_crops

### Overview

Valid: 7257 Invalid: 8 Minimum: 0 Maximum: 432000 Mean: 1434.21 Standard deviation: 9960.723  
 Type: Continuous Decimal: 0 Width: 6 Range: 0 - 432000 Format: Numeric

**CODE: Holding code****Data file: pesticides****Overview**

Valid: 5641   Invalid: 0  
 Type: Discrete   Width: 13   Range: -   Format: character

**WEIGHT: Weight****Data file: pesticides****Overview**

Valid: 5641   Invalid: 0   Minimum: -0.563   Maximum: 28039.763   Mean: 392.312   Standard deviation: 2352.949  
 Type: Continuous   Decimal: 0   Width: 18   Range: -0.562764186480395 - 28039.7627750994   Format: Numeric

**QUARTER: Quarter****Data file: pesticides****Overview**

Valid: 5641   Invalid: 0  
 Type: Discrete   Decimal: 0   Width: 1   Range: 4 - 4   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		5641	100%

**REGION: Region****Data file: pesticides****Overview**

Valid: 5505   Invalid: 136  
 Type: Discrete   Decimal: 0   Width: 2   Range: 11 - 47   Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	5	0.1%
15	Adjara AR	202	3.7%
23	Guria	210	3.8%

26	Imereti	883	16%
29	Kakheti	1913	34.8%
32	Mtskheta-Mtianeti	68	1.2%
35	Racha-Lechkhumi and Kvemo Svaneti	181	3.3%
38	Samegrelo-Zemo Svaneti	442	8%
41	Samtskhe-Javakheti	725	13.2%
44	Kvemo Kartli	266	4.8%
47	Shida Kartli	610	11.1%
Sysmiss		136	

## LEGALSTATUSID: Legal status of the holding

Data file: pesticides

### Overview

Valid: 5641 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	191	3.4%
2	Family holdings	5450	96.6%

## PESTCODE: Code of group of pesticides

Data file: pesticides

### Overview

Valid: 5641 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 6 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	Total	2066	36.6%
1	Fungicides	2088	37%
2	Insecticides	614	10.9%
3	Herbicides	688	12.2%
4	Rhodenticides	16	0.3%



5	Fumigants	6	0.1%
6	Seed poisoning fungicides	163	2.9%

## UNITID: Code of unit of measure

Data file: pesticides

### Overview

Valid: 3575 Invalid: 2066

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	gram	453	12.7%
2	kilogram	1671	46.7%
3	liter	1451	40.6%
Sysmiss		2066	

## TOTALQTY: Total quantity of pesticide used

Data file: pesticides

### Overview

Valid: 3575 Invalid: 2066 Minimum: 1.1e-05 Maximum: 6000 Mean: 50.596 Standard deviation: 180.278

Type: Continuous Decimal: 0 Width: 7 Range: 1.1e-05 - 6000 Format: Numeric

## GIFTED: Quantity of used pesticide that was gifted

Data file: pesticides

### Overview

Valid: 3367 Invalid: 2274 Minimum: 0 Maximum: 1800 Mean: 2.324 Standard deviation: 38.211

Type: Continuous Decimal: 0 Width: 4 Range: 0 - 1800 Format: Numeric

## PRICE: Price of 1 unit of measure fertilizer (GEL)

Data file: pesticides

### Overview

Valid: 3455 Invalid: 2186 Minimum: 0.01 Maximum: 3426.687 Mean: 44.29 Standard deviation: 74.042

Type: Continuous Decimal: 0 Width: 8 Range: 0.01 - 3426.687 Format: Numeric

**TEMPCROPSAREA: Area of temporary crops that was treated with pesticide****Data file: pesticides****Overview**

Valid: 3462   Invalid: 2179   Minimum: 0   Maximum: 198.9   Mean: 1.833   Standard deviation: 12.886  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0 - 198.9   Format: Numeric

---

**PERMCROPSAREA: Area of permanent crops that was treated with pesticide****Data file: pesticides****Overview**

Valid: 4484   Invalid: 1157   Minimum: 0   Maximum: 173.6   Mean: 2.83   Standard deviation: 14.655  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0 - 173.6   Format: Numeric

---

**CODE: Holding code****Data file:** scattered\_trees**Overview**

Valid: 26444    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file:** scattered\_trees**Overview**

Valid: 26444    Invalid: 0    Minimum: 1    Maximum: 28039.763    Mean: 209.725    Standard deviation: 1533.147  
 Type: Continuous    Decimal: 0    Width: 16    Range: 1 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file:** scattered\_trees**Overview**

Valid: 26444    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		26444	100%

**REGION: Region****Data file:** scattered\_trees**Overview**

Valid: 26293    Invalid: 151  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	70	0.3%
15	Adjara AR	1789	6.8%
23	Guria	1768	6.7%
26	Imereti	5650	21.5%

29	Kakheti	4836	18.4%
32	Mtskheta-Mtianeti	1040	4%
35	Racha-Lechkhumi and Kvemo Svaneti	1015	3.9%
38	Samegrelo-Zemo Svaneti	5578	21.2%
41	Samtskhe-Javakheti	591	2.2%
44	Kvemo Kartli	2324	8.8%
47	Shida Kartli	1632	6.2%
Sysmiss		151	

## LEGALSTATUSID: Legal status of the holding

Data file: scattered\_trees

### Overview

Valid: 26444 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	1	0%
2	Family holdings	26443	100%

## CROP: Crop

Data file: scattered\_trees

### Overview

Valid: 26441 Invalid: 0

Type: Discrete Width: 27 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Apple		3508	13.3%
Apricots		349	1.3%
Cherries		1450	5.5%
Feijoa		471	1.8%
Fig		1335	5%
Hazelnut		1218	4.6%

Kiwi		184	0.7%
Lemon		314	1.2%
Loquat		535	2%
Nectarine		10	0%
Orange		145	0.5%
Other permanent crops		1062	4%
Peach		935	3.5%
Pear		2756	10.4%
Persimmon		1770	6.7%
Plum, prune and damson		1519	5.7%
Pomegranate		583	2.2%
Quince		771	2.9%
Raspberry		55	0.2%
Red grapes		1610	6.1%
Sour plum, cherry plum		2361	8.9%
Strawberry, musk strawberry		2	0%
Tangerine		447	1.7%
Walnut		2091	7.9%
White grapes		960	3.6%

### PARCELID: Parcel unique code

Data file: scattered\_trees

#### Overview

Valid: 26200   Invalid: 244   Minimum: 821639   Maximum: 1016252   Mean: 834596.762   Standard deviation: 7555.885  
 Type: Continuous   Decimal: 0   Width: 7   Range: 821639 - 1016252   Format: Numeric

### TREESTOTAL: Number of scattered trees

Data file: scattered\_trees

#### Overview

Valid: 26443   Invalid: 1   Minimum: 0.016   Maximum: 500   Mean: 3.634   Standard deviation: 10.061  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0.016 - 500   Format: Numeric

### TREESINPROD: Number of scattered trees in production age

Data file: scattered\_trees

#### Overview

Valid: 26443   Invalid: 1   Minimum: 0   Maximum: 500   Mean: 3.423   Standard deviation: 9.911

Type: Continuous    Decimal: 0    Width: 3    Range: 0 - 500    Format: Numeric

---

## **PRODHARVESTED: Production harvested from scattered trees (in tonnes)**

**Data file:** scattered\_trees

### **Overview**

Valid: 26437    Invalid: 7    Minimum: 0    Maximum: 2000    Mean: 27.775    Standard deviation: 56.164

Type: Continuous    Decimal: 0    Width: 4    Range: 0 - 2000    Format: Numeric

---

**CODE: Holding code****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 4085    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 4085    Invalid: 0    Minimum: 1    Maximum: 28039.763    Mean: 231.372    Standard deviation: 1676.097  
 Type: Continuous    Decimal: 0    Width: 16    Range: 1 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 4085    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		4085	100%

**REGION: Region****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 4053    Invalid: 32  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	0	0%
15	Adjara AR	275	6.8%
23	Guria	295	7.3%
26	Imereti	1228	30.3%

29	Kakheti	227	5.6%
32	Mtskheta-Mtianeti	33	0.8%
35	Racha-Lechkhumi and Kvemo Svaneti	225	5.6%
38	Samegrelo-Zemo Svaneti	1087	26.8%
41	Samtskhe-Javakheti	317	7.8%
44	Kvemo Kartli	146	3.6%
47	Shida Kartli	220	5.4%
Sysmiss		32	

## LEGALSTATUSID: Legal status of the holding

Data file: secondary\_prod\_for\_animal\_feed

### Overview

Valid: 4085 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	2	0%
2	Family holdings	4083	100%

## CROPCODE: Type of secondary product

Data file: secondary\_prod\_for\_animal\_feed

### Overview

Valid: 4081 Invalid: 4

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 7 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Maize straw	1635	40.1%
2	Wheat (barley) straw	294	7.2%
3	Pressed sunflower seed	2	0%
4	Bran	141	3.5%
6	Off-corn	1497	36.7%
7	Gherghili	512	12.5%



Sysmiss		4	
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## INITIALSTOCK: Stock as of 1 January of the reference year

Data file: secondary\_prod\_for\_animal\_feed

### Overview

Valid: 1139 Invalid: 2946 Minimum: 0.0088 Maximum: 50000 Mean: 663.494 Standard deviation: 1772.796

Type: Continuous Decimal: 0 Width: 6 Range: 0.0088 - 50000 Format: Numeric

## PRODUCTION: Production of the secondary product during the year

Data file: secondary\_prod\_for\_animal\_feed

### Overview

Valid: 3880 Invalid: 205 Minimum: 0.016 Maximum: 20000 Mean: 413.375 Standard deviation: 847.272

Type: Continuous Decimal: 0 Width: 5 Range: 0.016 - 20000 Format: Numeric

## SALE: Amount of secondary product sold during the reference year

Data file: secondary\_prod\_for\_animal\_feed

### Overview

Valid: 127 Invalid: 3958 Minimum: 0.25 Maximum: 5000 Mean: 801.052 Standard deviation: 964.588

Type: Continuous Decimal: 0 Width: 4 Range: 0.25 - 5000 Format: Numeric

## GIFTED: Amount of secondary product gifted during the reference year

Data file: secondary\_prod\_for\_animal\_feed

### Overview

Valid: 500 Invalid: 3585 Minimum: 0.0037 Maximum: 20000 Mean: 199.237 Standard deviation: 943.183

Type: Continuous Decimal: 0 Width: 6 Range: 0.0037 - 20000 Format: Numeric

## PAIDINKIND: Amount of secondary product paid in kind during the reference year

Data file: secondary\_prod\_for\_animal\_feed

### Overview

Valid: 11 Invalid: 4074 Minimum: 0.023 Maximum: 1000 Mean: 231.582 Standard deviation: 326.725

Type: Continuous Decimal: 0 Width: 5 Range: 0.023 - 1000 Format: Numeric

## FORANIMAL: Amount of secondary product used for feeding animals during the reference

**year****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 3467   Invalid: 618   Minimum: 0.016   Maximum: 50000   Mean: 489.863   Standard deviation: 1233.232  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0.016 - 50000   Format: Numeric

---

**WASTE: Amount of secondary product wasted during the reference year****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 42   Invalid: 4043   Minimum: 0.0022   Maximum: 1800   Mean: 86.594   Standard deviation: 288.429  
 Type: Continuous   Decimal: 0   Width: 6   Range: 0.0022 - 1800   Format: Numeric

---

**STOCK: Stock as of 31 December of the reference year****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 947   Invalid: 3138   Minimum: 0.039   Maximum: 6000   Mean: 479.114   Standard deviation: 607.915  
 Type: Continuous   Decimal: 0   Width: 5   Range: 0.039 - 6000   Format: Numeric

---

**SALEVALUE: Amount of money received by the holder for selling the secondary product****Data file: secondary\_prod\_for\_animal\_feed****Overview**

Valid: 127   Invalid: 3958   Minimum: 0.54   Maximum: 1500   Mean: 173.923   Standard deviation: 196.367  
 Type: Continuous   Decimal: 0   Width: 4   Range: 0.54 - 1500   Format: Numeric

---

**CODE: Holding code****Data file: temporary\_crops****Overview**

Valid: 22996    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file: temporary\_crops****Overview**

Valid: 22996    Invalid: 0    Minimum: 1    Maximum: 28039.763    Mean: 224.664    Standard deviation: 1665.879  
 Type: Continuous    Decimal: 0    Width: 16    Range: 1 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file: temporary\_crops****Overview**

Valid: 22996    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		22996	100%

**REGION: Region****Data file: temporary\_crops****Overview**

Valid: 22840    Invalid: 156  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	6	0%
15	Adjara AR	2448	10.7%
23	Guria	1478	6.5%
26	Imereti	3220	14.1%

29	Kakheti	4382	19.2%
32	Mtskheta-Mtianeti	1204	5.3%
35	Racha-Lechkhumi and Kvemo Svaneti	911	4%
38	Samegrelo-Zemo Svaneti	3508	15.4%
41	Samtskhe-Javakheti	2814	12.3%
44	Kvemo Kartli	1654	7.2%
47	Shida Kartli	1215	5.3%
Sysmiss		156	

## LEGALSTATUSID: Legal status of the holding

Data file: temporary\_crops

### Overview

Valid: 22996 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	38	0.2%
2	Family holdings	22958	99.8%

## CROP: Crop

Data file: temporary\_crops

### Overview

Valid: 22992 Invalid: 0

Type: Discrete Width: 24 Range: - Format: character

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Cabbage		221	1%
Carrot		191	0.8%
Chard		250	1.1%
Cucumber		2652	11.5%
Eggplant		492	2.1%
Garlic		753	3.3%

Green beans		1020	4.4%
Green maize		229	1%
Haricot beans		1370	6%
Hay of annual grasses		192	0.8%
Hay of perennial grasses		204	0.9%
Herbs		3585	15.6%
Lettuce		70	0.3%
Maize		2637	11.5%
Melon		23	0.1%
Oats		36	0.2%
Onion (dry)		674	2.9%
Other temporary crops		81	0.4%
Other vegetables		44	0.2%
Pepper		1225	5.3%
Potato		2183	9.5%
Pumpkin		353	1.5%
Red beet		185	0.8%
Spring barley		377	1.6%
Spring wheat		86	0.4%
Sunflower		18	0.1%
Tomato		2789	12.1%
Watermelon		21	0.1%
Winter barley		189	0.8%
Winter wheat		842	3.7%

## PARCELID: Parcel unique code

Data file: temporary\_crops

### Overview

Valid: 22725    Invalid: 271    Minimum: 794980    Maximum: 1016253    Mean: 834523.277    Standard deviation: 8175.229  
 Type: Continuous    Decimal: 0    Width: 7    Range: 794980 - 1016253    Format: Numeric

## SPECCODE: Type of crop-mix sown

Data file: temporary\_crops

### Overview

Valid: 22725    Invalid: 271  
 Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 4    Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0	Pure crop	17879	78.7%
1	Mixed crop-Main crop	1109	4.9%
2	Mixed crop-Minor crop	1808	8%
3	Associated crop	1825	8%
4	Successive crop	104	0.5%
Sysmiss		271	

### AREA: Area sown (in ha)

Data file: temporary\_crops

#### Overview

Valid: 19361 Invalid: 3635 Minimum: 2.2e-06 Maximum: 370 Mean: 0.649 Standard deviation: 6.917  
 Type: Continuous Decimal: 0 Width: 7 Range: 2.2e-06 - 370 Format: Numeric

### IRRIGATIONID: Identification of the irrigation of area sown

Data file: temporary\_crops

#### Overview

Valid: 22274 Invalid: 722  
 Type: Discrete Decimal: 0 Width: 5 Range: 0.005 - 4 Format: Numeric

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0.005		1	0%
0.0089		1	0%
0.0126		1	0%
0.013		1	0%
0.015		1	0%
0.0152		1	0%
0.0158		1	0%
0.0163		1	0%
0.0191		1	0%
0.0192		1	0%
0.0226		1	0%

0.0227		1	0%
0.0233		1	0%
0.0243		1	0%
0.0247		1	0%
0.0262		1	0%
0.0303		1	0%
0.0305		1	0%
0.0309		1	0%
0.0316		1	0%
0.0321		1	0%
0.0335		1	0%
0.0338		1	0%
0.0345		1	0%
0.0356		1	0%
0.036		1	0%
0.0367		1	0%
0.0384		1	0%
0.0394		1	0%
0.0407		1	0%
0.047		1	0%
0.0472		1	0%
0.048		1	0%
0.0484		1	0%
0.0491		1	0%
0.05		1	0%
0.0506		1	0%
0.0529		1	0%
0.0552		1	0%
0.0558		1	0%
0.0571		1	0%
0.0585		1	0%
0.0591		1	0%
0.0596		1	0%
0.0607		1	0%
0.0637		1	0%
0.0656		1	0%
0.0674		1	0%
0.0684		1	0%
0.0728		2	0%

0.0729		2	0%
0.073		1	0%
0.076		2	0%
0.0762		1	0%
0.0799		1	0%
0.0806		1	0%
0.0835		1	0%
0.0861		1	0%
0.0881		1	0%
0.0897		1	0%
0.0905		1	0%
0.0908		1	0%
0.0918		1	0%
0.0988		1	0%
0.0994		1	0%
0.1025		1	0%
0.106		1	0%
0.1088		1	0%
0.1114		1	0%
0.1137		1	0%
0.114		1	0%
0.1151		1	0%
0.1187		1	0%
0.119		1	0%
0.1197		1	0%
0.121		1	0%
0.1211		1	0%
0.123		1	0%
0.1241		1	0%
0.1246		1	0%
0.1248		1	0%
0.125		1	0%
0.1273		1	0%
0.1282		1	0%
0.1308		1	0%
0.1328		1	0%
0.1365		2	0%
0.1396		1	0%
0.1401		1	0%



0.1404		1	0%
0.1427		1	0%
0.1442		1	0%
0.1456		1	0%
0.1517		1	0%
0.1528		1	0%
0.1564		1	0%
0.1583		1	0%
0.163		1	0%
0.1679		1	0%
0.1704		1	0%
0.1726		1	0%
0.1741		1	0%
0.1755		1	0%
0.1804		1	0%
0.1814		1	0%
0.1836		1	0%
0.1845		1	0%
0.1919		1	0%
0.1951		1	0%
0.1996		1	0%
0.1997		1	0%
0.2017		1	0%
0.2035		1	0%
0.2039		1	0%
0.2057		1	0%
0.2088		1	0%
0.2112		1	0%
0.2158		1	0%
0.2159		1	0%
0.2168		1	0%
0.2177		1	0%
0.2181		1	0%
0.23		1	0%
0.235		1	0%
0.2351		1	0%
0.2364		1	0%
0.2404		1	0%
0.2498		1	0%

0.2509		1	0%
0.2698		1	0%
0.2746		1	0%
0.2805		1	0%
0.2897		1	0%
0.2956		1	0%
0.2989		1	0%
0.3052		1	0%
0.3067		1	0%
0.3079		1	0%
0.3192		1	0%
0.3228		1	0%
0.3252		1	0%
0.3272		1	0%
0.3333		1	0%
0.3399		1	0%
0.3484		1	0%
0.3528		1	0%
0.3717		1	0%
0.3813		1	0%
0.3834		1	0%
0.4043		1	0%
0.4052		1	0%
0.4088		1	0%
0.4115		1	0%
0.4116		1	0%
0.426		1	0%
0.4367		1	0%
0.439		1	0%
0.4488		1	0%
0.4559		1	0%
0.4587		1	0%
0.4602		1	0%
0.4791		1	0%
0.485		1	0%
0.4877		1	0%
0.5018		1	0%
0.5032		1	0%
0.5232		1	0%

0.5285		1	0%
0.5334		1	0%
0.5364		1	0%
0.5395		1	0%
0.5425		1	0%
0.5439		1	0%
0.5679		1	0%
0.5928		1	0%
0.5937		1	0%
0.601		1	0%
0.6024		1	0%
0.6059		1	0%
0.614		1	0%
0.6241		1	0%
0.6243		1	0%
0.6258		1	0%
0.6389		1	0%
0.644		1	0%
0.6505		1	0%
0.6714		1	0%
0.6778		1	0%
0.6826		1	0%
0.6843		1	0%
0.707		1	0%
0.7072		1	0%
0.7265		1	0%
0.7312		1	0%
0.7359		1	0%
0.751		1	0%
0.7558		1	0%
0.7566		1	0%
0.7707		1	0%
0.7853		1	0%
0.7948		1	0%
0.8086		1	0%
0.8087		1	0%
0.8112		1	0%
0.8217		1	0%
0.8388		1	0%

0.8457		1	0%
0.8676		1	0%
0.8832		1	0%
0.8918		1	0%
0.9015		1	0%
0.9285		1	0%
0.9288		1	0%
0.9599		1	0%
0.9773		1	0%
1	Irrigated sufficiently	4658	20.9%
1.0118		1	0%
1.0242		1	0%
1.0354		1	0%
1.0497		1	0%
1.0818		1	0%
1.1036		1	0%
1.1086		1	0%
1.1775		1	0%
1.1875		1	0%
1.19		1	0%
1.1916		1	0%
1.2161		1	0%
1.2225		1	0%
1.2302		1	0%
1.2379		1	0%
1.2471		1	0%
1.2684		1	0%
1.2869		1	0%
1.2949		1	0%
1.3097		1	0%
1.3263		1	0%
1.3717		1	0%
1.3811		1	0%
1.3841		1	0%
1.3934		1	0%
1.4144		1	0%
1.4382		1	0%
1.4591		1	0%
1.4725		1	0%

1.4872		1	0%
1.6154		2	0%
1.6772		1	0%
1.6963		1	0%
1.7174		1	0%
1.7329		1	0%
1.7863		1	0%
1.787		1	0%
1.9111		1	0%
1.9324		1	0%
2	Irrigated insufficiently	5663	25.4%
2.0112		1	0%
2.0795		1	0%
2.1425		1	0%
2.146		1	0%
2.1888		1	0%
2.2173		1	0%
2.3208		1	0%
2.5413		1	0%
3	Needed irrigation but not irrigated	8901	40%
3.0507		1	0%
3.0771		1	0%
3.6039		1	0%
3.9074		1	0%
4	Did not need irrigation and not irrigated	2781	12.5%
Sysmiss		722	

## HARVESTEDAREA: Area harvested (in ha)

Data file: temporary\_crops

### Overview

Valid: 18626   Invalid: 4370   Minimum: 0   Maximum: 320   Mean: 0.371   Standard deviation: 4.725  
 Type: Continuous   Decimal: 0   Width: 3   Range: 0 - 320   Format: Numeric

## PRODHARVESTED: Production harvested (in tonnes)

Data file: temporary\_crops

### Overview

Valid: 22257   Invalid: 739   Minimum: 0   Maximum: 1400000   Mean: 1011.528   Standard deviation: 13948.755

Type: Continuous    Decimal: 0    Width: 7    Range: 0 - 1400000    Format: Numeric

---

**AREA\_FOR\_2023: Area sown in 2022 (in ha) to be harvested in 2023 [subset of 'Area']**

**Data file: temporary\_crops**

**Overview**

Valid: 784    Invalid: 22212    Minimum: 7.4e-07    Maximum: 370    Mean: 6.977    Standard deviation: 24.58  
Type: Continuous    Decimal: 0    Width: 7    Range: 7.4e-07 - 370    Format: Numeric

---

**CODE: Holding code****Data file:** warehouse\_access**Overview**

Valid: 45493    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file:** warehouse\_access**Overview**

Valid: 45493    Invalid: 0    Minimum: -0.563    Maximum: 28039.763    Mean: 68.559    Standard deviation: 254.724  
 Type: Continuous    Decimal: 0    Width: 18    Range: -0.562764186480395 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file:** warehouse\_access**Overview**

Valid: 45493    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 4 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
4		45493	100%

**REGION: Region****Data file:** warehouse\_access**Overview**

Valid: 44679    Invalid: 814  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	120	0.3%
15	Adjara AR	2675	6%
23	Guria	2857	6.4%
26	Imereti	6231	13.9%

29	Kakheti	9697	21.7%
32	Mtskheta-Mtianeti	2066	4.6%
35	Racha-Lechkhumi and Kvemo Svaneti	1499	3.4%
38	Samegrelo-Zemo Svaneti	6658	14.9%
41	Samtskhe-Javakheti	4026	9%
44	Kvemo Kartli	5160	11.5%
47	Shida Kartli	3690	8.3%
Sysmiss		814	

## LEGALSTATUSID: Legal status of the holding

Data file: warehouse\_access

### Overview

Valid: 45493 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	814	1.8%
2	Family holdings	44679	98.2%

## AVAILABILITYID: Type of agricultural product

Data file: warehouse\_access

### Overview

Valid: 45479 Invalid: 14

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 6 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		6497	14.3%
1	Crops	6497	14.3%
2	Fruits	6497	14.3%
3	Vegetables	6497	14.3%
4	Meat	6497	14.3%
5	Milk and milk products	6497	14.3%



6	Other agricultural products	6497	14.3%
Sysmiss		14	

## AVAILABILITYYESNO: Opportunity to store agricultural products

Data file: warehouse\_access

### Overview

Valid: 45479 Invalid: 14

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Yes	1809	4%
2	No	592	1.3%
3	No need	42900	94.3%
4	Partly	178	0.4%
Sysmiss		14	

## INSTORE: Opportunity to store agricultural products in own storage (not modern)

Data file: warehouse\_access

### Overview

Valid: 1046 Invalid: 44447

Type: Discrete Decimal: 0 Width: 1 Range: 0 - 1 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0	No	56	5.4%
1	Yes	990	94.6%
Sysmiss		44447	

## INMODERNSTORE: Opportunity to store agricultural products in own storage (modern)

Data file: warehouse\_access

### Overview

Valid: 1031 Invalid: 44462

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	No	1006	97.6%
1	Yes	25	2.4%
Sysmiss		44462	

**OUTSTORE: Opportunity to store agricultural products in not-owned storage (not modern)**

Data file: warehouse\_access

**Overview**

Valid: 1023    Invalid: 44470

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	No	993	97.1%
1	Yes	30	2.9%
Sysmiss		44470	

**OUTMODERNSTORE: Opportunity to store agricultural products in not-owned storage (modern)**

Data file: warehouse\_access

**Overview**

Valid: 1021    Invalid: 44472

Type: Discrete    Decimal: 0    Width: 1    Range: 0 - 1    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0	No	997	97.6%
1	Yes	24	2.4%
Sysmiss		44472	



**CODE: Holding code****Data file: workers****Overview**

Valid: 70284    Invalid: 0  
 Type: Discrete    Width: 13    Range: -    Format: character

**WEIGHT: Weight****Data file: workers****Overview**

Valid: 70284    Invalid: 0    Minimum: -0.563    Maximum: 28039.763    Mean: 57.23    Standard deviation: 216.154  
 Type: Continuous    Decimal: 0    Width: 18    Range: -0.562764186480395 - 28039.7627750994    Format: Numeric

**QUARTER: Quarter****Data file: workers****Overview**

Valid: 70284    Invalid: 0  
 Type: Discrete    Decimal: 0    Width: 1    Range: 1 - 4    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		16617	23.6%
2		20573	29.3%
3		21000	29.9%
4		12094	17.2%

**REGION: Region****Data file: workers****Overview**

Valid: 68695    Invalid: 1589  
 Type: Discrete    Decimal: 0    Width: 2    Range: 11 - 47    Format: Numeric

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
11	Tbilisi	196	0.3%

15	Adjara AR	5122	7.5%
23	Guria	4539	6.6%
26	Imereti	8059	11.7%
29	Kakheti	15360	22.4%
32	Mtskheta-Mtianeti	2778	4%
35	Racha-Lechkhumi and Kvemo Svaneti	2245	3.3%
38	Samegrelo-Zemo Svaneti	9127	13.3%
41	Samtskhe-Javakheti	7060	10.3%
44	Kvemo Kartli	8362	12.2%
47	Shida Kartli	5847	8.5%
Sysmiss		1589	

## LEGALSTATUSID: Legal status of the holding

Data file: workers

### Overview

Valid: 70284 Invalid: 0

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Enterprises	443	0.6%
2	Family holdings	69841	99.4%

## INDGROUP: Type of worker/group of workers

Data file: workers

### Overview

Valid: 70229 Invalid: 55

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 4 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1	Individual worker, who is the member of the holding	58850	83.8%
2	Individual worker, who is not member of the holding	7774	11.1%
3	Group of workers, who are not members of the holding	3166	4.5%

4	Workers in enterprises	439	0.6%
Sysmiss		55	

## GENDER: Gender of worker

Data file: workers

### Overview

Valid: 66621 Invalid: 3663

Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		37722	56.6%
2		28899	43.4%
Sysmiss		3663	

## QUANTITY: Quantity of workers in the group

Data file: workers

### Overview

Valid: 70284 Invalid: 0 Minimum: 1 Maximum: 436 Mean: 1.394 Standard deviation: 4.559

Type: Continuous Decimal: 0 Width: 3 Range: 1 - 436 Format: Numeric

## FEMALEQUANTITY: Quantity of female workers in the group

Data file: workers

### Overview

Valid: 70280 Invalid: 4 Minimum: 0 Maximum: 237 Mean: 0.636 Standard deviation: 2.465

Type: Continuous Decimal: 0 Width: 3 Range: 0 - 237 Format: Numeric

## FULLDAY: Number of days that worker or group worked full day (8 hours or more)

Data file: workers

### Overview

Valid: 69833 Invalid: 451 Minimum: 0 Maximum: 92 Mean: 4.68 Standard deviation: 15.227

Type: Continuous Decimal: 0 Width: 2 Range: 0 - 92 Format: Numeric

**HALFDAY: Number of days that worker or group worked half day (between 4 and 7 hours)****Data file: workers****Overview**

Valid: 69835    Invalid: 449    Minimum: 0    Maximum: 92    Mean: 10.792    Standard deviation: 20.814  
 Type: Continuous    Decimal: 0    Width: 2    Range: 0 - 92    Format: Numeric

---

**LESSDAY: Number of days worker or group worked less than half day (less than 4 hours)****Data file: workers****Overview**

Valid: 69837    Invalid: 447    Minimum: 0    Maximum: 149.6    Mean: 38.778    Standard deviation: 35.686  
 Type: Continuous    Decimal: 0    Width: 5    Range: 0 - 149.6    Format: Numeric

---

**MANHOUR: Total number of hours worked at the holding (for enterprises)****Data file: workers****Overview**

Valid: 457    Invalid: 69827    Minimum: 0    Maximum: 270000    Mean: 6100.426    Standard deviation: 16176.608  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 270000    Format: Numeric

---

**WOMANHOUR: Total number of hours worked at the holding by females (for enterprises)****Data file: workers****Overview**

Valid: 402    Invalid: 69882    Minimum: 0    Maximum: 115000    Mean: 3722.543    Standard deviation: 11377.312  
 Type: Continuous    Decimal: 0    Width: 6    Range: 0 - 115000    Format: Numeric

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# study\_resources

## questionnaires

### Questionnaires of Survey of Agricultural Holdings

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title Questionnaires of Survey of Agricultural Holdings

filename <https://www.geostat.ge/en/modules/categories/834/database-of-survey-of-agricultural-holdings-2022>

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