

Agriculture Census 2024, Non Household Listing

Liberia Institute of Statistics and Geo-Information Services (LISGIS)

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Identification

SURVEY ID NUMBER

LBR_2024_LAC-NHL_v01_M_v01_A_ESS

TITLE

Agriculture Census 2024, Non Household Listing

ABBREVIATION OR ACRONYM

LAC-NHL 2024

COUNTRY/ECONOMY

Name	Country code
Liberia	LBR

STUDY TYPE

Agricultural Census [ag/census]

SERIES INFORMATION

The LAC-2024 is an integrated census/survey modality program conducted in line with the World Programme for the Census of Agriculture (WCA) 2020 recommendations. The census also aligned with the objective of the 50x2030 Initiative to Close the Agricultural Data Gap. The LAC-2024 is expected to be followed by a series of annual modular agricultural surveys, including the 2024 Income, Labor, and Productivity (ILP) and the 2025 Production Methods and Environment (PME) surveys. As part of the census operations, information on non-household holdings was collected through cooperatives registered with the Cooperative Development Agency, concessions regulated by the National Bureau of Concessions (NBC), large-scale private farms, communal farms, and Farmer Based Organizations (FBOs).

The LAC-2024 also includes the Liberia Agriculture Census 2024 - Community Operations (<https://microdata.fao.org/index.php/catalog/2710>) and the Liberia Agriculture Census 2024 - Household Listing (<https://microdata.fao.org/index.php/catalog/2711>).

ABSTRACT

The Government of Liberia and its Development Partners recognized agriculture as a pivotal sector in fostering economic growth, reducing poverty, and achieving food security. Since the end of the second civil war, the Government, in collaboration with development partners, has made substantial investments to develop and expand the agricultural sector. Over the years, policymakers and data users in the agricultural sector have experienced significant challenges in obtaining the requisite data to monitor and evaluate these interventions and make informed decisions on new interventions. To address these challenges, the Liberia Institute of Statistics and Geo-Information Services (LISGIS) and the Ministry of Agriculture (MoA) conducted several ad hoc agricultural surveys. While valuable, these surveys have often been limited in scope and unable to provide the comprehensive data needed for effective policymaking and planning. To support the sector more robustly, the government decided to undertake a comprehensive agricultural census.

The Liberia Agriculture Census 2024, the second agricultural census in Liberia since 1971 and the first to be conducted digitally, aimed to collect reliable structural data on various aspects of the agricultural sector.

The main objectives of the LAC-2024 were to:

- Reduce the existing data gap in Liberia's agricultural sector;
- Provide comprehensive data on the agriculture sector for policy formulation and evaluation of existing programs;
- Enable LISGIS to establish an agriculture master sampling frame for the conduct of future agricultural surveys and research;
- Identify the structural changes in the agriculture sector over time;
- Provide information on crop, livestock, poultry, and aquaculture activities;
- Determine the size, composition, practices, and related characteristics of Liberia's agricultural holdings;
- Generate disaggregated statistics on agriculture;
- Provide statistics for advocacy in Liberia's agricultural sector;
- Identify agricultural practices and constraints at the community level.

To achieve these objectives, the LAC-2024 was designed to collect structural data for household and non-household holdings, and at the community level. This data provided a wealth of information used to understand the state of agriculture in Liberia. This documentation presents detailed information on the methodology used to collect data at the non-household level and provides useful metadata on the anonymized dataset for non-household holdings.

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

The scope of the non-household holdings data includes:

- Type of agricultural activities practiced by non-household holdings;
- Characteristics of non-household holders and holdings;
- Hired labor practice;
- Agricultural parcels and plots characteristics;
- Types of crops and methods of crop cultivation;
- Inputs, tools and equipment use;
- Type and number of livestock and poultry.

KEYWORDS

Keyword	Vocabulary	URI
Agriculture	CESSDA (Council of European Social Science Data Archives)	Link
Household Demographics	CESSDA (Council of European Social Science Data Archives)	Link
Land Ownership	CESSDA (Council of European Social Science Data Archives)	Link
Crop Production	CESSDA (Council of European Social Science Data Archives)	Link
Livestock Ownership	CESSDA (Council of European Social Science Data Archives)	Link
Farm Equipment	CESSDA (Council of European Social Science Data Archives)	Link
Agriculture Inputs	CESSDA (Council of European Social Science Data Archives)	Link
Extension Services	CESSDA (Council of European Social Science Data Archives)	Link
Holding	CESSDA (Council of European Social Science Data Archives)	Link
Land Use	CESSDA (Council of European Social Science Data Archives)	Link
Subsistence Farming	CESSDA (Council of European Social Science Data Archives)	Link
Land Tenure	CESSDA (Council of European Social Science Data Archives)	Link
Rural Households	CESSDA (Council of European Social Science Data Archives)	Link

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

All non-household agricultural holdings in Liberia, to include agricultural cooperatives, concessions, communal farms, private farms, farmer-based organizations and other institutional farms engaged in agricultural activities during the 2024 farming season.

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
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Liberia Institute of Statistics and Geo-Information Services (LISGIS)	Government of Liberia
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PRODUCERS

Name	Abbreviation	Affiliation	Role
Ministry of Agriculture	MoA	Government of Liberia	Collaborator
Food and Agriculture Organization of the United Nations	FAO	United Nations	Technical assistance

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
Government of Liberia	GOL	Financial Contribution
World Bank	WB	Financial Contribution

OTHER IDENTIFICATIONS/ACKNOWLEDGMENTS

Name	Affiliation	Role
50x2030 Initiative	Global partnership program led by the World Bank, the Food and Agriculture Organization of the United Nations (FAO), and the International Fund for Agricultural Development (IFAD).	Provided technical and financial support for the design, implementation, and analysis of the survey.

Sampling

SAMPLING PROCEDURE

A full census of all non-household holdings in Liberia was envisioned. The LAC-2024 technical team used fifteen (15) days to develop a complete list of all non-household holdings in Liberia. This list was used by 30 county inspectors for the non-household holdings enumeration during the census.

Data collection

DATES OF DATA COLLECTION

Start	End
2024-01-22	2024-03-22

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

SUPERVISION

The LAC-2024 data collection at the non-household level was conducted by 30 county inspectors. The work of these data collectors (or county inspectors) was coordinated by 11 regional and 22 national monitors, who routinely visited teams, provided data quality checks, flagged and corrected potential errors and provided in-field training where necessary. A total of 30 data quality assurance officers (one in each county) were deployed to assist county inspectors with technical issues arising from the CAPI Applications. At LISGIS central office, there were 5 monitors, called HQ monitors, who monitored the LAC-2024 dashboard daily and reported all identified errors and inconsistencies in data captured to regional and national monitors for appropriate actions.

DATA COLLECTION NOTES

The conduct of the 2024 Liberia Agriculture Census (LAC-2024) non-household component encountered several challenges and data limitations that must be recognized when using the microdata. These challenges reflect both the complexity of enumerating a diverse set of agricultural establishments outside of household structures and the logistical constraints inherent in implementing a nationwide census.

First, the construction of the non-household census frame posed difficulties. While the frame was based on administrative records from multiple agencies, including the Cooperative Development Agency (CDA), Ministry of Agriculture (MOA),

National Bureau of Concessions (NBC), and Ministry of Internal Affairs (MIA), there were discrepancies between administrative lists and actual field conditions. Some holdings recorded in registers were found to be dormant, defunct, or had shifted into other forms of activity. Conversely, some holdings that were active in the field were missing from the official lists. Although a verification exercise was conducted to improve coverage, the potential for undercoverage or misclassification cannot be entirely ruled out.

Second, accessibility issues affected data collection. Many non-household holdings are difficult to access due to lack of physical addresses of holders and administrative bureaucracies. This sometimes led to delays in reaching holdings, shortened interview times, or reliance on proxies for information. In a few cases, enumerators encountered difficulties arranging interviews with key managers, particularly within concession companies or larger private farms, where authorization procedures were required. This affected the ability to obtain detailed responses on sensitive topics such as land size, land use, use of tools and equipment, and type of labor utilized. In fact, three of the agricultural concessions recognized by the NBC were not covered by the census despite several attempts by enumerators and census staff.

Third, while the census relied heavily on digital data collection tools (CAPI), connectivity constraints in rural areas occasionally delayed real-time data transfer and monitoring. Enumerators sometimes faced technical issues with tablets, particularly with battery life in areas lacking electricity. Although supervisors provided backup and troubleshooting support, these challenges highlight the need for stronger technological infrastructure to support fully digital operations.

Fourth, some respondents expressed reluctance to provide complete information, particularly on land size, land ownership arrangements, or labor practices. For example, questions on land size and labor hiring occasionally received partial or vague responses, reflecting both the sensitivity of the information and gaps in record-keeping among some institutions. Similarly, while the census intended to capture detailed data on equipment use and mechanization, many respondents could not provide exact numbers, leading to reliance on estimates.

Another challenge relates to the definition and thresholds applied for non-household holdings. For example, non-household livestock and poultry holdings were defined using specific size criteria (such as 25 heads of cattle or 500 chickens). Thus, smaller institutional farms were excluded despite contributing to agricultural production in significant ways at the local level. This limitation means that the census provides a picture of medium-to-large non-household holdings but may underrepresent smaller-scale institutional holdings.

Data were collected using Computer Assisted Personal Interview (CAPI) system. The CSpro application was used to develop the CAPI system. A total of 800 tablets was used for the household level interviews. In addition, some tablets were set aside for replacement of missing, damaged or malfunctioning tablets.

During the data collection, team supervisors routinely synchronized their enumerators tablets for transmission of collected data to the LISGIS central server. At the end of the data collection, all tablets used for collecting the household-level data were synchronized by the team supervisors in the field and later by data quality assurance officers at LISGIS central office. The synchronized data were downloaded in SPSS and Stata format, checked for completeness (by comparing mapping and enumeration data) and inconsistencies, and then prepared for editing, tabulation and analysis.

The census technical team developed a tabulation plan prior to the start of the survey, which helped to guide the data editing, tabulation and analysis processes.

DATA COLLECTORS

Name	Abbreviation	Affiliation
Liberia Institute of Statistics and Geo Information Services	LISGIS	Government of Liberia
Ministry of Agriculture	MOA	Government of Liberia

questionnaires

QUESTIONNAIRES

The LAC-2024 employed three questionnaires: the household questionnaire, the community questionnaire and the non-household questionnaire. These three questionnaires were based on the 50x2030 Initiative's standard model questionnaires. The Liberia Agriculture Census Technical Working Group (LAC-TWG), comprising technical staff from LISGIS, Ministry of Agriculture (MOA), National Fishery and Aquaculture Authority (NaFAA), Cooperative Development Agency (CDA), and the Ministry of Internal Affairs (MIA) worked with technicians from the 50x2030 Initiative to adapt the questionnaires to Liberia's context and realities. Suggestions and inputs were solicited from various stakeholders representing government ministries, commissions and agencies (MACs), non-governmental and international organizations, as well as academic institutions involved in agricultural issues. All questionnaires were finalized in English. Some questions in the questionnaires were translated into simple Liberian English, for the purpose of easy administration.

The non-household questionnaire was administered to the non-household holding head member or any member with extensive knowledge of the holding and its agricultural activities. The primary respondent (i.e., the non-household member who provided most of the information for the questionnaire or a given module) may vary across modules.

data_processing

DATA EDITING

Data was edited using CSpro programs, version 7.7.3. The appropriate edit rules were established by programmers and subject matter specialists at LISGIS and MOA.

In few cases, manual editing techniques were applied to recode responses generated from "other specify" text responses. The SPSS software was used for this purpose.

STATISTICAL DISCLOSURE CONTROL (SDC)

The datasets were anonymized using Statistical Disclosure Control methods to protect respondents' confidentiality while maintaining data utility. The process began with classifying variables into categories: variables to delete, quasi-identifiers, direct identifiers, and linked variables. All direct identifiers and unnecessary variables were removed. Quasi-identifiers and linked variables were analyzed to formulate disclosure scenarios, and disclosure risk was measured using k-anonymity and probabilistic risk techniques. The primary anonymization methods applied included recoding, shuffling, and local suppression. Finally, information loss was assessed to ensure that anonymization methods did not compromise the dataset's utility. The anonymization process was conducted using the R software.

Access policy

CONTACTS

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Liberia Institute of Statistics and Geo-Information Services		lisgis.admin@lisgis.gov.lr	Link

CONFIDENTIALITY

Confidentiality of respondents is guaranteed by the National Statistics and Geo-Information Act of Liberia, enacted 2004 and the United Nations Fundamental Principles on Official Statistics, specifically principle six. Before being granted access to the dataset, all users have to formally agree: 1. To make no copies of any files or portions of files to which s/he is granted access except those authorized by LISGIS. 2. Not to use any technique in an attempt to learn the identity of any person, household, non-household or community not identified on public use data files. 3. To hold in strictest confidence the identification of any establishment or individual that may be inadvertently revealed in any documents or discussion, or analysis. Such inadvertent identification revealed in her/his analysis will be immediately brought to the attention of the data depositor.

ACCESS CONDITIONS

The dataset has been anonymized and is available as a Public Use Dataset. It is accessible to all for statistical and research purposes only, under the following terms and conditions:

1. The data and other materials will not be redistributed or sold to other individuals, institutions, or organizations without the written agreement of LISGIS.
2. The data will be used for statistical and scientific research purposes only. They will be used solely for reporting of aggregated information, and not for investigation of specific individuals or organizations.
3. No attempt will be made to re-identify respondents, and no use will be made of the identity of any person or establishment discovered inadvertently. Any such discovery would immediately be reported to LISGIS.
4. No attempt will be made to produce links among datasets provided by LISGIS, or among data from LISGIS and other datasets that could identify individuals or organizations.
5. Any books, articles, conference papers, theses, dissertations, reports, or other publications that employ data obtained from LISGIS will cite the source of data in accordance with the Citation Requirement provided with each dataset.
6. An electronic copy of all reports and publications based on the requested data will be sent to LISGIS.

The original collectors of the data, LISGIS, MOA, and the relevant funding agencies bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

CITATION REQUIREMENTS

Liberia Institute of Statistics and Geo-Information Services. Liberia Agriculture Census 2022/2023 (LAC-2024) , Ref. LBR-LAC-2024_v01. Dataset downloaded from <https://lisgis.gov.lr/>

ACCESS AUTHORITY

Name	Affiliation	Email	URL
Liberia Institute of Statistics and Geo-Information Services	Government of Liberia	lisgis.admin@lisgis.gov.lr	Link

Disclaimer and copyrights

DISCLAIMER

The user of the data acknowledges that the authorized distributor of the data (i.e., LISGIS), MOA and the relevant funding agency bear no responsibility for use of the data or for interpretations or inferences based upon such uses.

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Metadata production

DDI DOCUMENT ID

DDI_LBR_2024_LAC-NHL_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Liberia Institute of Statistics and Geo-Information Services		Government of the Republic of Liberia	Documentation of the study
Ministry of Agriculture		Government of the Republic of Liberia	Documentation of the study
Food and Agriculture Organization of the United Nations		United Nations	Documentation of the study and Metadata adapted for FAM
Development Data Group	DECDG	World Bank Group	Metadata adapted for World Bank Microdata Library

DDI DOCUMENT VERSION

Identical to a metadata (LBR_2024_LAC_NHL_v01_M_v_01_A_ESS) published on FAO microdata repository (<https://microdata.fao.org/index.php/catalog>). Some of the metadata fields have been edited.

data_dictionary

Data file	Cases	variables
CROP_ano File contains anonymized data for crops	1775	9
HOLDING_ano This file is about the characteristics of holdings	694	147
PARCEL_ano This file is about parcels	982	11
PLOT_ano This file is about plots	1788	8

Data file: CROP_ano

File contains anonymized data for crops

Cases: 1775

variables: 9

variables

ID	Name	Label	Question
V1	ID_NONHH	Non-household ID	
V2	A04_B	Urban or rural	
V3	AGP_ID	PARCEL ID	
V4	PR_ID	Plot ID	
V5	CR_ID_CODE	CROP CODE	
V6	CR_2	How was [CROP] planted on this [PLOT]?	
V7	CR_3	During 2022 TO 2023 AGRICULTURAL SEASON, approximately what percent of [PLOT] is planted with [CROP]?	
V8	CR_4	ENUMERATOR: IS THIS TEMPORARY OR TREE/PERMANENT CROP?	
V9	CR_5	Is the [CROP] on this [PLOT] cultivated in a plantation or scattered in the field?	

total: 9

Data file: HOLDING_ano

This file is about the characteristics of holdings

Cases: 694

variables: 147

variables

ID	Name	Label	Question
V19	ID_NONHH	Non-household ID	
V20	A04_B	Urban or rural	
V21	D4_A	Holding operates crop cultivation	
V22	D4_B	Holding operates livestock raising (including poultry)	
V23	D4_C	Holding operates another farming activity	
V24	D5	Was there presence of woodland on the holding during the 2022 TO 2023 AGRICULTURAL SEASON?	
V25	D6	What was the main purpose of production of the holding during the 2022 TO 2023 AGRICULTURAL SEASON?	
V26	D7_A	Support activities to agriculture and post-harvest crop activities	
V27	D7_B	Other economic activities	
V28	D7_J	No other economic activities	
V29	D8	What is the legal status of the holding?	
V30	D14D	Gender of manager	
V31	D14E	Age of manager	
V32	D14F	Manager's Level of education	
V33	TOP	Type of non-household	
V34	B04	Use of building	
V35	FHL_M1	Since the start of the 2022 TO 2023 AGRICULTURAL SEASON, has your holding hired	
V36	FHL_M2	How many MEN (15 AND ABOVE) did your holding hire to work in agricultural activities?	
V37	FHL_M3	How many days did a typical hired [PERSON TYPE] work on in those activities?	
V38	FHL_M4	During those days when hired [PERSON TYPE] worked in those activities, how many hours per day did a typical [PERSON] work?	
V39	FHL_W1	Since the start of the 2022 TO 2023 AGRICULTURAL SEASON, has your holding hired	
V40	FHL_W2	How many MEN (15 AND ABOVE) did your holding hire to work in agricultural activities?	
V41	FHL_W3	How many days did a typical hired [PERSON TYPE] work on in those activities?	
V42	FHL_W4	During those days when hired [PERSON TYPE] worked in those activities, how many hours per day did a typical [PERSON] work?	
V43	FHL_C1	Since the start of the 2022 TO 2023 AGRICULTURAL SEASON, has your holding hired	
V44	FHL_C2	How many MEN (15 AND ABOVE) did your holding hire to work in agricultural activities?	
V45	FHL_C3	How many days did a typical hired [PERSON TYPE] work on in those activities?	
V46	FHL_C4	During those days when hired [PERSON TYPE] worked in those activities, how many hours per day did a typical [PERSON] work?	
V47	IU6_1A	INORGANIC FERTILIZER: NPK 15-15-15	
V48	IU6_1B	INORGANIC FERTILIZER: OTHER NITROGENOUS FERTILIZERS	
V49	IU6_1C	INORGANIC FERTILIZER: UREA	
V50	IU6_1D	TRIPLE SUPER PHOSPHATE (TSP)	
V51	IU6_1E	ORGANIC FERTILIZER: SOLID MANURE	

ID	Name	Label	Question
V52	IU6_1F	ORGANIC FERTILIZER: LIQUID MANURE/SLURRY	
V53	IU6_1G	ORGANIC FERTILIZER: VEGETABLE MATERIAL & COMPOST	
V54	IU6_1K	PESTICIDES/HERBICIDES: INSECTICIDES	
V55	IU6_1L	PESTICIDES/HERBICIDES: HERBICIDES (SOLID)	
V56	IU6_1M	PESTICIDES/HERBICIDES: HERBICIDES (LIQUID)	
V57	IU6_1N	PESTICIDES/HERBICIDES: FUNGICIDES	
V58	S10_1B	Transplanters	
V59	S10_1C	Threshers	
V60	S10_1D	Winnowers	
V61	S10_1E	Sprayers	
V62	S10_1F	Dusters	
V63	S10_1G	Hand pumps or other hand irrigation devices	
V64	S10_1H	Hand Hoe	
V65	S10_1I	Cutlass	
V66	S10_1J	Shovel	
V67	S10_1K	Digger	
V68	S10_1L	Axe	
V69	S10_1M	Rake	
V70	S10_1N	Filling/File	
V71	S10_1O	Whipper/Wipper	
V72	S10_1P	Wheel Barrow	
V73	S10_1Q	Saw/Powersaw	
V74	S10_1R	Mill/Grinder	
V75	S10_1S1	Grater	
V76	S10_1_2	How many [Transplanters] were used by the holding in the past 12 months?	
V77	S10_1_3	How many [Threshers] were used by the holding in the past 12 months?	
V78	S10_1_4	How many [Winnowers] were used by the holding in the past 12 months?	
V79	S10_1_5	How many [Sprayers] were used by the holding in the past 12 months?	
V80	S10_1_6	How many [Dusters] were used by the holding in the past 12 months?	
V81	S10_1_7	How many [Hand pumps or other hand irrigation devices] were used by the holding	
V82	S10_1_8	How many [Hand Hoe] were used by the holding in the past 12 months?	
V83	S10_1_9	How many [Cutlass] were used by the holding in the past 12 months?	
V84	S10_1_10	How many [Shovel] were used by the holding in the past 12 months?	
V85	S10_1_11	How many [Digger] were used by the holding in the past 12 months?	
V86	S10_1_12	How many [Axe] were used by the holding in the past 12 months?	
V87	S10_1_13	How many [Rake] were used by the holding in the past 12 months?	
V88	S10_1_14	How many [Filling/File] were used by the holding in the past 12 months?	
V89	S10_1_15	How many [Whipper/Wipper] were used by the holding in the past 12 months?	
V90	S10_1_16	How many [Wheel Barrow] were used by the holding in the past 12 months?	
V91	S10_1_17	How many [Saw/Powersaw] were used by the holding in the past 12 months?	
V92	S10_1_18	How many [Mill/Grinder] were used by the holding in the past 12 months?	
V93	S10_1_19	How many [Grater] were used by the holding in the past 12 months?	
V94	S10_2A	Water pumps	
V95	S10_2B	Drip irrigation equipment	
V96	S10_2C	Sprinkler irrigation equipment	

ID	Name	Label	Question
V97	S10_2D	Sprayers and other localized irrigation devices	
V98	S10_2_20	How many [Water pumps] were used by the holding in the past 12 months?	
V99	S10_2_21	How many [Drip irrigation equipment] were used by the holding in the past 12 mon	
V100	S10_2_22	How many [Sprinkler irrigation equipment] were used by the holding in the past 1	
V101	S10_2_23	How many [Sprayers and other localized irrigation devices] were used by the hold	
V102	S10_3A	Stand-alone combustion engines	
V103	S10_3C	Generators for the production of electricity	
V104	S10_3D	Computers, laptops, tablets or smart phones used for farm management	
V105	S10_3_24	How many [Stand-alone combustion engines] were used by the holding in the past 1	
V106	S10_3_26	How many [Generators for the production of electricity] were used by the holding	
V107	S10_3_27	How many [Computers, laptops, tablets or smart phones used for farm management]	
V108	S10_4A	Track-laying tractors	
V109	S10_4B	Four-wheel drive tractors	
V110	S10_4C	Two-wheel drive tractors	
V111	S10_4D	Bulldozers	
V112	S10_4E	Trucks	
V113	S10_4F	Boats	
V114	S10_4G	Trailers	
V115	S10_4_28	How many [Track-laying tractors] were used by the holding in the past 12 months?	
V116	S10_4_29	How many [Four-wheel drive tractors] were used by the holding in the past 12 mon	
V117	S10_4_30	How many [Two-wheel drive tractors] were used by the holding in the past 12 mont	
V118	S10_4_31	How many [Bulldozers] were used by the holding in the past 12 months?	
V119	S10_4_32	How many [Trucks] were used by the holding in the past 12 months?	
V120	S10_4_33	How many [Boats] were used by the holding in the past 12 months?	
V121	S10_4_34	How many [Trailers] were used by the holding in the past 12 months?	
V122	S10_5A	Ploughs	
V123	S10_5B	Power tillers	
V124	S10_5E	Disk harrows	
V125	S10_5F	Cultivators	
V126	S10_5G	Levellers	
V127	S10_5I	Diggers used for land preparation	
V128	S10_5L	Broadcast seeders	
V129	S10_5_35	How many [Ploughs] were used by the holding in the past 12 months?	
V130	S10_5_36	How many [Power tillers] were used by the holding in the past 12 months?	
V131	S10_5_39	How many [Disk harrows] were used by the holding in the past 12 months?	
V132	S10_5_40	How many [Cultivators] were used by the holding in the past 12 months?	
V133	S10_5_41	How many [Levellers] were used by the holding in the past 12 months?	
V134	S10_5_43	How many [Diggers used for land preparation] were used by the holding in the pas	
V135	S10_5_46	How many [Broadcast seeders] were used by the holding in the past 12 months?	
V136	S10_6A	Manure spreaders	
V137	S10_6B	Fertilizer broadcasters	
V138	S10_6C	Sprayers	
V139	S10_6_50	How many [Manure spreaders] were used by the holding in the past 12 months?	
V140	S10_6_51	How many [Fertilizer broadcasters] were used by the holding in the past 12 month	
V141	S10_6_52	How many [Sprayers] were used by the holding in the past 12 months?	

ID	Name	Label	Question
V142	S10_7A	Mowers for grass crops	
V143	S10_7F	Combine harvesters	
V144	S10_7_55	How many [Mowers for grass crops] were used by the holding in the past 12 months	
V145	S10_7_60	How many [Combine harvesters] were used by the holding in the past 12 months?	
V146	S10_8C	Sorters and graders	
V147	S10_8_69	How many [Sorters and graders] were used by the holding in the past 12 months?	
V148	S10_9A	Milking machines	
V149	S10_9_71	How many [Milking machines] were used by the holding in the past 12 months?	
V150	Q8A_B	Cows	
V151	Q8A_E	Goats - He/She/Kids	
V152	Q8A_F	Sheep - Rams/Ewes/Lambs	
V153	Q8A_I	Pigs - Boar/Sow/Piglets	
V154	Q8A_1_2_2	How many Cows does this holding currently keep?	
V155	Q8A_2_1_2	How many Goats - He/She/Kids does this holding currently keep?	
V156	Q8A_2_2_2	How many Sheep - Rams/Ewes/Lambs does this holding currently keep?	
V157	Q8A_4_1_2	How many Pigs - Boar/Sow/Piglets does this holding currently keep?	
V158	Q8B_A	Chicken - cocks / broilers	
V159	Q8B_B	Chicken - hens / layers	
V160	Q8B_C	Pullets/DOCs	
V161	Q8B_D	Ducks	
V162	Q8B_5_1_2	How many Chicken - cocks / broilers does this holding currently keep?	
V163	Q8B_5_2_2	How many Chicken - hens / layers does this holding currently keep?	
V164	Q8B_5_3_2	How many Pullets/DOCs does this holding currently keep?	
V165	Q8B_5_4_2	How many Ducks does this holding currently keep?	

total: 147

Data file: PARCEL_ano

This file is about parcels

Cases: 982

variables: 11

variables

ID	Name	Label	Question
V166	ID_NONHH	Non-household ID	
V167	A04_B	Urban or rural	
V168	AGP_ID	Parcel ID	
V169	AGP_3	Under which tenure system is this [PARCEL]?	
V170	AGP_4	What is the area of this [PARCEL]? (in hectare)	
V171	AGP_5B	CULTIVATED WITH TEMPORARY CROPS	
V172	AGP_5C	CULTIVATED WITH PERMANENT CROPS	
V173	AGP_5P	UNUTILIZED/NOT CLASSIFIED ELSEWHERE (rocks, wetlands, including with natural vegetation)	
V174	AGP_6	Is there any irrigation infrastructure on this [PARCEL]?	
V175	AGP_7	Are there any greenhouses or high shelters on this [PARCEL]?	
V176	AGP_8	What is the number of PLOTS (for crops) are on this [PARCEL]?	

total: 11

Data file: PLOT_ano

This file is about plots

Cases: 1788

variables: 8

variables

ID	Name	Label	Question
V177	ID_NONHH	Non-household ID	
V178	A04_B	Urban or rural	
V179	AGP_ID	PARCEL ID label	
V180	PR_ID	PLOT ID label	
V181	PR_2	During the 2022 TO 2023 AGRICULTURAL SEASON, is this [PLOT]?	
V182	PR_3	Is this [PLOT] in pure stand or mixed?	
V183	PR_3B	You stated that this PLOT is MIXED / INTERCROPPED. How many crops do you have planted on this PLOT	
V184	PR_5	What is the area of this [PLOT]? (in hectare)	

total: 8

ID_NONHH: Non-household ID**Data file: CROP_ano****Overview**

Valid: 1775 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
001		2	0.1%
003		5	0.3%
004		8	0.5%
005		1	0.1%
006		2	0.1%
007		1	0.1%
008		1	0.1%
010		1	0.1%
011		4	0.2%
012		2	0.1%
013		1	0.1%
014		1	0.1%
015		1	0.1%
016		1	0.1%
017		4	0.2%
018		1	0.1%
019		2	0.1%
020		1	0.1%
021		6	0.3%
022		4	0.2%
024		1	0.1%
025		3	0.2%
026		5	0.3%
030		2	0.1%
031		2	0.1%
033		1	0.1%
034		2	0.1%
035		4	0.2%
036		1	0.1%
037		41	2.3%

038		1	0.1%
040		2	0.1%
041		1	0.1%
042		10	0.6%
043		8	0.5%
044		5	0.3%
045		1	0.1%
046		2	0.1%
047		1	0.1%
048		7	0.4%
049		1	0.1%
051		6	0.3%
052		1	0.1%
053		2	0.1%
054		5	0.3%
055		6	0.3%
057		2	0.1%
058		3	0.2%
059		3	0.2%
060		3	0.2%
061		1	0.1%
062		1	0.1%
063		1	0.1%
064		1	0.1%
065		2	0.1%
066		1	0.1%
067		3	0.2%
069		2	0.1%
070		1	0.1%
072		7	0.4%
073		4	0.2%
075		4	0.2%
076		1	0.1%
077		3	0.2%
078		1	0.1%
079		6	0.3%
080		4	0.2%
081		5	0.3%
082		1	0.1%

083		1	0.1%
084		1	0.1%
085		4	0.2%
086		1	0.1%
087		4	0.2%
089		2	0.1%
090		53	3%
091		2	0.1%
092		1	0.1%
094		1	0.1%
095		1	0.1%
096		2	0.1%
097		2	0.1%
098		1	0.1%
099		3	0.2%
100		1	0.1%
102		6	0.3%
103		1	0.1%
104		3	0.2%
105		17	1%
108		1	0.1%
109		1	0.1%
110		3	0.2%
111		1	0.1%
113		1	0.1%
114		7	0.4%
115		1	0.1%
116		1	0.1%
117		3	0.2%
118		4	0.2%
119		1	0.1%
120		1	0.1%
121		1	0.1%
122		4	0.2%
123		1	0.1%
124		4	0.2%
125		1	0.1%
126		1	0.1%
127		2	0.1%

128		40	2.3%
129		10	0.6%
130		2	0.1%
131		2	0.1%
132		1	0.1%
133		1	0.1%
134		3	0.2%
135		5	0.3%
138		5	0.3%
139		1	0.1%
140		2	0.1%
141		6	0.3%
142		1	0.1%
143		7	0.4%
144		2	0.1%
145		4	0.2%
146		3	0.2%
147		5	0.3%
148		5	0.3%
149		1	0.1%
150		1	0.1%
151		1	0.1%
152		3	0.2%
154		2	0.1%
155		4	0.2%
157		2	0.1%
158		1	0.1%
160		1	0.1%
161		2	0.1%
162		4	0.2%
163		3	0.2%
164		2	0.1%
165		4	0.2%
166		5	0.3%
167		4	0.2%
168		3	0.2%
169		3	0.2%
170		1	0.1%
171		3	0.2%

172		1	0.1%
174		8	0.5%
175		1	0.1%
176		1	0.1%
177		2	0.1%
178		2	0.1%
179		1	0.1%
181		1	0.1%
182		4	0.2%
184		1	0.1%
185		1	0.1%
186		2	0.1%
187		1	0.1%
188		4	0.2%
189		2	0.1%
190		24	1.4%
191		2	0.1%
192		1	0.1%
194		1	0.1%
195		1	0.1%
196		3	0.2%
197		1	0.1%
198		1	0.1%
199		2	0.1%
203		1	0.1%
204		2	0.1%
206		3	0.2%
207		2	0.1%
208		2	0.1%
209		1	0.1%
210		2	0.1%
211		2	0.1%
212		5	0.3%
213		1	0.1%
214		1	0.1%
215		1	0.1%
216		5	0.3%
217		3	0.2%
219		1	0.1%

220		1	0.1%
221		7	0.4%
222		1	0.1%
223		1	0.1%
224		1	0.1%
226		2	0.1%
227		2	0.1%
228		5	0.3%
229		1	0.1%
230		17	1%
231		3	0.2%
232		6	0.3%
233		1	0.1%
235		2	0.1%
237		3	0.2%
238		2	0.1%
240		1	0.1%
241		2	0.1%
244		2	0.1%
245		45	2.5%
246		1	0.1%
247		1	0.1%
248		2	0.1%
249		2	0.1%
250		3	0.2%
251		1	0.1%
252		2	0.1%
254		2	0.1%
255		1	0.1%
256		4	0.2%
257		3	0.2%
259		1	0.1%
260		4	0.2%
262		1	0.1%
263		3	0.2%
264		1	0.1%
265		2	0.1%
266		2	0.1%
267		2	0.1%

268		1	0.1%
270		4	0.2%
271		1	0.1%
272		7	0.4%
273		1	0.1%
275		1	0.1%
276		1	0.1%
277		1	0.1%
278		3	0.2%
280		1	0.1%
282		2	0.1%
283		3	0.2%
284		2	0.1%
286		2	0.1%
287		1	0.1%
289		1	0.1%
290		1	0.1%
291		3	0.2%
292		1	0.1%
293		8	0.5%
294		5	0.3%
295		3	0.2%
296		2	0.1%
297		2	0.1%
298		2	0.1%
299		2	0.1%
300		1	0.1%
301		2	0.1%
302		1	0.1%
303		1	0.1%
304		2	0.1%
305		1	0.1%
306		3	0.2%
307		2	0.1%
308		3	0.2%
310		1	0.1%
311		8	0.5%
312		1	0.1%
313		1	0.1%

314		4	0.2%
315		2	0.1%
316		1	0.1%
317		1	0.1%
318		1	0.1%
319		1	0.1%
320		4	0.2%
321		2	0.1%
322		5	0.3%
324		1	0.1%
325		2	0.1%
326		4	0.2%
327		3	0.2%
328		2	0.1%
330		5	0.3%
331		5	0.3%
332		6	0.3%
335		2	0.1%
336		1	0.1%
338		6	0.3%
340		1	0.1%
342		1	0.1%
343		1	0.1%
344		1	0.1%
345		1	0.1%
346		36	2%
347		2	0.1%
348		3	0.2%
350		1	0.1%
351		2	0.1%
352		3	0.2%
353		3	0.2%
354		2	0.1%
355		4	0.2%
356		1	0.1%
357		2	0.1%
358		3	0.2%
359		1	0.1%
360		1	0.1%

361		1	0.1%
362		3	0.2%
363		3	0.2%
364		3	0.2%
365		4	0.2%
366		1	0.1%
367		3	0.2%
368		1	0.1%
370		2	0.1%
371		1	0.1%
373		1	0.1%
374		3	0.2%
375		2	0.1%
376		1	0.1%
377		2	0.1%
378		4	0.2%
379		1	0.1%
380		2	0.1%
382		1	0.1%
383		1	0.1%
384		1	0.1%
385		2	0.1%
386		3	0.2%
387		8	0.5%
389		10	0.6%
390		2	0.1%
391		2	0.1%
393		9	0.5%
394		5	0.3%
395		6	0.3%
396		9	0.5%
397		1	0.1%
398		1	0.1%
399		1	0.1%
400		1	0.1%
401		2	0.1%
402		6	0.3%
403		1	0.1%
404		1	0.1%

405		2	0.1%
406		2	0.1%
407		2	0.1%
409		1	0.1%
410		2	0.1%
411		2	0.1%
413		4	0.2%
414		2	0.1%
415		5	0.3%
416		1	0.1%
418		7	0.4%
419		3	0.2%
420		1	0.1%
421		1	0.1%
422		5	0.3%
423		5	0.3%
424		1	0.1%
425		2	0.1%
426		4	0.2%
427		3	0.2%
428		6	0.3%
429		1	0.1%
430		1	0.1%
431		1	0.1%
432		2	0.1%
434		5	0.3%
435		2	0.1%
436		1	0.1%
437		4	0.2%
438		3	0.2%
439		5	0.3%
440		1	0.1%
441		2	0.1%
442		1	0.1%
444		1	0.1%
446		8	0.5%
448		3	0.2%
449		2	0.1%
451		3	0.2%

453		1	0.1%
454		1	0.1%
455		1	0.1%
456		2	0.1%
458		3	0.2%
459		3	0.2%
460		1	0.1%
461		4	0.2%
463		1	0.1%
465		5	0.3%
466		3	0.2%
467		1	0.1%
469		2	0.1%
471		1	0.1%
472		1	0.1%
473		6	0.3%
474		1	0.1%
475		2	0.1%
476		5	0.3%
477		3	0.2%
479		1	0.1%
480		2	0.1%
481		1	0.1%
482		5	0.3%
483		1	0.1%
484		3	0.2%
485		3	0.2%
486		1	0.1%
487		1	0.1%
488		5	0.3%
489		1	0.1%
490		1	0.1%
492		2	0.1%
494		7	0.4%
495		2	0.1%
496		6	0.3%
497		4	0.2%
498		5	0.3%
500		3	0.2%

501		1	0.1%
503		4	0.2%
504		1	0.1%
505		2	0.1%
506		1	0.1%
507		2	0.1%
508		2	0.1%
509		4	0.2%
510		2	0.1%
511		2	0.1%
512		1	0.1%
513		1	0.1%
514		1	0.1%
515		4	0.2%
516		4	0.2%
517		5	0.3%
518		2	0.1%
520		3	0.2%
523		1	0.1%
524		1	0.1%
527		2	0.1%
529		1	0.1%
530		3	0.2%
531		2	0.1%
532		1	0.1%
533		2	0.1%
534		8	0.5%
535		4	0.2%
536		1	0.1%
537		2	0.1%
538		2	0.1%
539		1	0.1%
540		1	0.1%
543		1	0.1%
544		1	0.1%
546		2	0.1%
547		1	0.1%
548		1	0.1%
549		1	0.1%

550		3	0.2%
551		1	0.1%
552		1	0.1%
553		2	0.1%
554		1	0.1%
555		2	0.1%
556		3	0.2%
557		1	0.1%
558		2	0.1%
559		4	0.2%
560		1	0.1%
561		4	0.2%
562		2	0.1%
563		6	0.3%
564		2	0.1%
565		1	0.1%
566		5	0.3%
567		1	0.1%
568		4	0.2%
569		2	0.1%
570		1	0.1%
571		2	0.1%
572		1	0.1%
574		4	0.2%
575		5	0.3%
576		1	0.1%
577		3	0.2%
578		3	0.2%
579		5	0.3%
580		5	0.3%
581		2	0.1%
582		4	0.2%
584		1	0.1%
585		2	0.1%
586		2	0.1%
587		1	0.1%
588		1	0.1%
589		2	0.1%
590		6	0.3%

592		3	0.2%
594		3	0.2%
595		4	0.2%
596		29	1.6%
597		5	0.3%
598		2	0.1%
599		2	0.1%
600		2	0.1%
601		8	0.5%
603		4	0.2%
604		1	0.1%
606		2	0.1%
607		1	0.1%
608		3	0.2%
609		3	0.2%
610		3	0.2%
611		8	0.5%
612		2	0.1%
613		1	0.1%
614		2	0.1%
615		1	0.1%
616		1	0.1%
617		1	0.1%
618		1	0.1%
619		8	0.5%
620		7	0.4%
621		3	0.2%
622		10	0.6%
623		1	0.1%
624		3	0.2%
625		2	0.1%
627		4	0.2%
628		1	0.1%
629		1	0.1%
631		4	0.2%
632		1	0.1%
633		3	0.2%
634		1	0.1%
635		4	0.2%

637		3	0.2%
638		1	0.1%
640		5	0.3%
642		6	0.3%
643		2	0.1%
645		1	0.1%
646		5	0.3%
647		4	0.2%
649		3	0.2%
650		1	0.1%
651		1	0.1%
652		1	0.1%
653		11	0.6%
655		2	0.1%
656		1	0.1%
658		4	0.2%
659		4	0.2%
661		2	0.1%
662		1	0.1%
663		4	0.2%
665		3	0.2%
666		1	0.1%
668		1	0.1%
669		1	0.1%
670		2	0.1%
671		1	0.1%
672		8	0.5%
673		1	0.1%
675		8	0.5%
676		3	0.2%
677		1	0.1%
678		1	0.1%
679		1	0.1%
680		1	0.1%
681		1	0.1%
682		3	0.2%
683		2	0.1%
684		2	0.1%
685		12	0.7%

686		3	0.2%
687		1	0.1%
688		2	0.1%
689		5	0.3%
690		1	0.1%
691		9	0.5%
692		4	0.2%
694		2	0.1%

A04_B: Urban or rural

Data file: CROP_ano

Overview

Valid: 1758 Invalid: 17 Minimum: 1 Maximum: 2
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Urban	404	23%
2	Rural	1354	77%

AGP_ID: PARCEL ID

Data file: CROP_ano

Overview

Valid: 1775 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
01		1386	78.1%
02		254	14.3%
03		63	3.5%
04		23	1.3%
05		21	1.2%
06		9	0.5%

07		7	0.4%
08		3	0.2%
09		1	0.1%
10		1	0.1%
11		1	0.1%
12		1	0.1%
13		1	0.1%
14		1	0.1%
15		1	0.1%
16		1	0.1%
17		1	0.1%

PR_ID: Plot ID

Data file: CROP_ano

Overview

Valid: 1775 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
01		988	55.7%
02		271	15.3%
03		146	8.2%
04		84	4.7%
05		45	2.5%
06		24	1.4%
07		15	0.8%
08		14	0.8%
09		11	0.6%
10		10	0.6%
11		6	0.3%
12		6	0.3%
13		6	0.3%
14		6	0.3%
15		6	0.3%
16		6	0.3%

17		6	0.3%
18		6	0.3%
19		6	0.3%
20		6	0.3%
21		6	0.3%
22		6	0.3%
23		6	0.3%
24		6	0.3%
25		5	0.3%
26		5	0.3%
27		5	0.3%
28		5	0.3%
29		5	0.3%
30		5	0.3%
31		5	0.3%
32		5	0.3%
33		5	0.3%
34		5	0.3%
35		4	0.2%
36		4	0.2%
37		4	0.2%
38		4	0.2%
39		4	0.2%
40		4	0.2%
41		3	0.2%
42		2	0.1%
43		2	0.1%
44		1	0.1%
45		1	0.1%

CR_ID_CODE: CROP CODE

Data file: CROP_ano

Overview

Valid: 1775 Invalid: 0 Minimum: 1 Maximum: 18
 Type: Continuous Decimal: 0 Width: 8 Range: 1 - 18 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Rice/Paddy	451	25.4%
2	Cassava	303	17.1%
3	Corn/Maize	86	4.8%
4	Beans	30	1.7%
5	Palm nuts	26	1.5%
6	Groundnut	23	1.3%
7	Pineapple	22	1.2%
8	Plantain	34	1.9%
9	Water Melon	29	1.6%
10	Bitterballs	80	4.5%
11	Cabbage	42	2.4%
12	Cucumber	68	3.8%
13	Okra	65	3.7%
14	Pepper	102	5.7%
15	Cocoa	58	3.3%
16	Palm Oil	64	3.6%
17	Rubber	118	6.6%
18	Other	174	9.8%

CR_2: How was [CROP] planted on this [PLOT]?

Data file: CROP_ano

Overview

Valid: 330 Invalid: 1445 Minimum: 1 Maximum: 3
 Type: Continuous Decimal: 0 Width: 1 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	MIXED-SCATTERED	242	73.3%
2	MIXED-STRIP	10	3%
3	MIXED-ROW	78	23.6%

CR_3: During 2022 TO 2023 AGRICULTURAL SEASON, approximately what percent of [PLOT] is planted with [CROP]?

Data file: CROP_ano

Overview

Valid: 1775 Invalid: 0 Minimum: 1 Maximum: 100 Mean: 87.057 Standard deviation: 29.662
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 100 Format: Numeric

CR_4: ENUMERATOR: IS THIS TEMPORARY OR TREE/PERMANENT CROP?

Data file: CROP_ano

Overview

Valid: 1775 Invalid: 0 Minimum: 1 Maximum: 2
 Type: Continuous Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	TEMPORARY CROP	1452	81.8%
2	TREE/PERMANENT CROP	323	18.2%

CR_5: Is the [CROP] on this [PLOT] cultivated in a plantation or scattered in the field?

Data file: CROP_ano

Overview

Valid: 323 Invalid: 1452 Minimum: 1 Maximum: 2
 Type: Continuous Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Plantation	279	86.4%
2	Scattered	44	13.6%

ID_NONHH: Non-household ID**Data file:** HOLDING_ano**Overview**

Valid: 694 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

Questions and instructions

CATEGORIES

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669		1	0.1%
670		1	0.1%
671		1	0.1%
672		1	0.1%
673		1	0.1%
674		1	0.1%
675		1	0.1%
676		1	0.1%
677		1	0.1%
678		1	0.1%
679		1	0.1%
680		1	0.1%
681		1	0.1%
682		1	0.1%
683		1	0.1%
684		1	0.1%
685		1	0.1%
686		1	0.1%
687		1	0.1%
688		1	0.1%
689		1	0.1%
690		1	0.1%
691		1	0.1%
692		1	0.1%
693		1	0.1%

694		1	0.1%
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A04_B: Urban or rural

Data file: HOLDING_ano

Overview

Valid: 691 Invalid: 3 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Urban	155	22.4%
2	Rural	536	77.6%
Sysmiss		3	

D4_A: Holding operates crop cultivation

Data file: HOLDING_ano

Overview

Valid: 632 Invalid: 62 Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	632	100%
2	No	0	0%
Sysmiss		62	

D4_B: Holding operates livestock raising (including poultry)

Data file: HOLDING_ano

Overview

Valid: 82 Invalid: 612 Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	82	100%
2	No	0	0%
Sysmiss		612	

D4_C: Holding operates another farming activity

Data file: HOLDING_ano

Overview

Valid: 73 Invalid: 621 Minimum: 1 Maximum: 1
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	73	100%
2	No	0	0%
Sysmiss		621	

D5: Was there presence of woodland on the holding during the 2022 TO 2023 AGRICULTURAL SEASON?

Data file: HOLDING_ano

Overview

Valid: 660 Invalid: 34 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	464	70.3%
2	No	196	29.7%
Sysmiss		34	

D6: What was the main purpose of production of the holding during the 2022 TO 2023 AGRICULTURAL SEASON?

Data file: HOLDING_ano

Overview

Valid: 658 Invalid: 36 Minimum: 1 Maximum: 4
Type: Discrete Decimal: 0 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Producing only for sale	223	33.9%
2	Producing mainly for sale with some own consumption	376	57.1%
3	Producing mainly for own consumption with some sales	56	8.5%
4	Producing only for own consumption	3	0.5%
5	Other specify	0	0%
Sysmiss		36	

D7_A: Support activities to agriculture and post-harvest crop activities

Data file: HOLDING_ano

Overview

Valid: 694 Invalid: 0 Minimum: 1 Maximum: 2
Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	248	35.7%
2	No	446	64.3%

D7_B: Other economic activities

Data file: HOLDING_ano

Overview

Valid: 694 Invalid: 0 Minimum: 1 Maximum: 2
Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	125	18%
2	No	569	82%

D7_J: No other economic activities

Data file: HOLDING_ano

Overview

Valid: 694 Invalid: 0 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	304	43.8%
2	No	390	56.2%

D8: What is the legal status of the holding?

Data file: HOLDING_ano

Overview

Valid: 681 Invalid: 13 Minimum: 1 Maximum: 5
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Holding of Natural (civil) person (registered)	284	41.7%
2	Holding of Natural (civil) person (Not registered)	147	21.6%
3	Partnership - registered (Two or more persons/institutions)	155	22.8%
4	Partnership - Not registered (Two or more persons/institutio	85	12.5%
5	Other	10	1.5%
Sysmiss		13	

D14D: Gender of manager**Data file:** HOLDING_ano**Overview**

Valid: 694 Invalid: 0 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Male	545	78.5%
2	Female	149	21.5%

D14E: Age of manager**Data file:** HOLDING_ano**Overview**

Valid: 694 Invalid: 0 Minimum: 1 Maximum: 6
 Type: Discrete Decimal: 2 Width: 8 Range: 0 - 6 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
0	Under 15 years	0	0%
1	15-24 years	9	1.3%
2	25-34 years	69	9.9%
3	35-44 years	182	26.2%
4	45-54 years	215	31%
5	55-64 years	160	23.1%
6	65 years or more	59	8.5%

D14F: Manager's Level of education**Data file:** HOLDING_ano**Overview**

Valid: 598 Invalid: 96 Minimum: 1 Maximum: 5
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	None	56	9.4%
2	Elementary	45	7.5%
3	Junior or Senior High	305	51%
4	Tertiary	154	25.8%
5	Other	38	6.4%
Sysmiss		96	

TOP: Type of non-household

Data file: HOLDING_ano

Overview

Valid: 487 Invalid: 207 Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Cooperative	210	43.1%
2	FBO	143	29.4%
3	Other	134	27.5%
Sysmiss		207	

B04: Use of building

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Commercial only	147	30.1%
2	Institutional	194	39.7%

3	Other	148	30.3%
Sysmiss		205	

FHL_M1: Since the start of the 2022 TO 2023 AGRICULTURAL SEASON, has your holding hired

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	395	80.4%
2	No	96	19.6%
Sysmiss		203	

FHL_M2: How many MEN (15 AND ABOVE) did your holding hire to work in agricultural activities?

Data file: HOLDING_ano

Overview

Valid: 395 Invalid: 299 Minimum: 1 Maximum: 4
Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 10 persons	50	12.7%
2	10-19 persons	127	32.2%
3	20-29 persons	79	20%
4	30 persons or more	139	35.2%
Sysmiss		299	

FHL_M3: How many days did a typical hired [PERSON TYPE] work on in those activities?

Data file: HOLDING_ano

Overview

Valid: 395 Invalid: 299 Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 2 days	12	3%
2	2 to 4 days	73	18.5%
3	4 to 6 days	55	13.9%
4	6 days or more	255	64.6%
Sysmiss		299	

FHL_M4: During those days when hired [PERSON TYPE] worked in those activities, how many hours per day did a typical [PERSON] work?

Data file: HOLDING_ano

Overview

Valid: 395 Invalid: 299 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 8 hours	184	46.6%
2	8 hours or more	211	53.4%
Sysmiss		299	

FHL_W1: Since the start of the 2022 TO 2023 AGRICULTURAL SEASON, has your holding hired

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Yes	336	68.4%
2	No	155	31.6%
Sysmiss		203	

FHL_W2: How many MEN (15 AND ABOVE) did your holding hire to work in agricultural activities?

Data file: HOLDING_ano

Overview

Valid: 336 Invalid: 358 Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 10 persons	91	27.1%
2	10-19 persons	99	29.5%
3	20-29 persons	50	14.9%
4	30 persons or more	96	28.6%
Sysmiss		358	

FHL_W3: How many days did a typical hired [PERSON TYPE] work on in those activities?

Data file: HOLDING_ano

Overview

Valid: 336 Invalid: 358 Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 2 days	4	1.2%
2	2 to 4 days	53	15.8%
3	4 to 6 days	47	14%
4	6 days or more	232	69%
Sysmiss		358	

FHL_W4: During those days when hired [PERSON TYPE] worked in those activities, how many hours per day did a typical [PERSON] work?**Data file:** HOLDING_ano**Overview**

Valid: 336 Invalid: 358 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 8 hours	162	48.2%
2	8 hours or more	174	51.8%
Sysmiss		358	

FHL_C1: Since the start of the 2022 TO 2023 AGRICULTURAL SEASON, has your holding hired**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9	1.8%
2	No	482	98.2%
Sysmiss		203	

FHL_C2: How many MEN (15 AND ABOVE) did your holding hire to work in agricultural activities?**Data file:** HOLDING_ano**Overview**

Valid: 9 Invalid: 685 Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 10 persons	2	22.2%
2	10-19 persons	3	33.3%
3	20-29 persons	4	44.4%
4	30 persons or more	0	0%
Sysmiss		685	

FHL_C3: How many days did a typical hired [PERSON TYPE] work on in those activities?

Data file: HOLDING_ano

Overview

Valid: 9 Invalid: 685 Minimum: 1 Maximum: 4
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 2 days	1	11.1%
2	2 to 4 days	2	22.2%
3	4 to 6 days	2	22.2%
4	6 days or more	4	44.4%
Sysmiss		685	

FHL_C4: During those days when hired [PERSON TYPE] worked in those activities, how many hours per day did a typical [PERSON] work?

Data file: HOLDING_ano

Overview

Valid: 9 Invalid: 685 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 8 hours	7	77.8%
2	8 hours or more	2	22.2%
Sysmiss		685	

IU6_1A: INORGANIC FERTILIZER: NPK 15-15-15

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	185	37.7%
2	No	306	62.3%
Sysmiss		203	

IU6_1B: INORGANIC FERTILIZER: OTHER NITROGENOUS FERTILIZERS

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9	1.8%
2	No	482	98.2%
Sysmiss		203	

IU6_1C: INORGANIC FERTILIZER: UREA

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	94	19.1%

2	No	397	80.9%
Sysmiss		203	

IU6_1D: TRIPLE SUPER PHOSPHATE (TSP)

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11	2.2%
2	No	480	97.8%
Sysmiss		203	

IU6_1E: ORGANIC FERTILIZER: SOLID MANURE

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	43	8.8%
2	No	448	91.2%
Sysmiss		203	

IU6_1F: ORGANIC FERTILIZER: LIQUID MANURE/SLURRY

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11	2.2%
2	No	480	97.8%
Sysmiss		203	

IU6_1G: ORGANIC FERTILIZER: VEGETABLE MATERIAL & COMPOST

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	9	1.8%
2	No	482	98.2%
Sysmiss		203	

IU6_1K: PESTICIDES/HERBICIDES: INSECTICIDES

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11	2.2%
2	No	480	97.8%
Sysmiss		203	

IU6_1L: PESTICIDES/HERBICIDES: HERBICIDES (SOLID)

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	3	0.6%
2	No	488	99.4%
Sysmiss		203	

IU6_1M: PESTICIDES/HERBICIDES: HERBICIDES (LIQUID)

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11	2.2%
2	No	480	97.8%
Sysmiss		203	

IU6_1N: PESTICIDES/HERBICIDES: FUNGICIDES

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	3	0.6%

2	No	488	99.4%
Sysmiss		203	

S10_1B: Transplanters

Data file: HOLDING_ano

Overview

Valid: 487 Invalid: 207 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	487	100%
Sysmiss		207	

S10_1C: Threshers

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	29	5.9%
2	No	462	94.1%
Sysmiss		203	

S10_1D: Winnowers

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	5	1%
2	No	484	99%
Sysmiss		205	

S10_1E: Sprayers

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	108	22%
2	No	383	78%
Sysmiss		203	

S10_1F: Dusters

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	3	0.6%
2	No	488	99.4%
Sysmiss		203	

S10_1G: Hand pumps or other hand irrigation devices**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	13	2.6%
2	No	478	97.4%
Sysmiss		203	

S10_1H: Hand Hoe**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	421	85.7%
2	No	70	14.3%
Sysmiss		203	

S10_1I: Cutlass**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	458	93.3%

2	No	33	6.7%
Sysmiss		203	

S10_1J: Shovel

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	344	70.1%
2	No	147	29.9%
Sysmiss		203	

S10_1K: Digger

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	280	57%
2	No	211	43%
Sysmiss		203	

S10_1L: Axe

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	321	65.4%
2	No	170	34.6%
Sysmiss		203	

S10_1M: Rake

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	229	46.6%
2	No	262	53.4%
Sysmiss		203	

S10_1N: Filling/File

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	359	73.1%
2	No	132	26.9%
Sysmiss		203	

S10_10: Whipper/Wipper**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	94	19.1%
2	No	397	80.9%
Sysmiss		203	

S10_1P: Wheel Barrow**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	253	51.5%
2	No	238	48.5%
Sysmiss		203	

S10_1Q: Saw/Powersaw**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	99	20.2%

2	No	392	79.8%
Sysmiss		203	

S10_1R: Mill/Grinder

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	10	2%
2	No	479	98%
Sysmiss		205	

S10_1S1: Grater

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	1.4%
2	No	482	98.6%
Sysmiss		205	

S10_1_2: How many [Transplanters] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_1_3: How many [Threshers] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 29 Invalid: 665 Minimum: 1 Maximum: 5 Mean: 1.448 Standard deviation: 0.985
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		22	75.9%
2		4	13.8%
3		1	3.4%
4		1	3.4%
5		1	3.4%
Sysmiss		665	

S10_1_4: How many [Winnowers] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 5 Invalid: 689 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		5	100%
Sysmiss		689	

S10_1_5: How many [Sprayers] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 108 Invalid: 586 Minimum: 1 Maximum: 460 Mean: 14.12 Standard deviation: 50.021
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 460 Format: Numeric

S10_1_6: How many [Dusters] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 3 Invalid: 691 Minimum: 2 Maximum: 12 Mean: 6.333 Standard deviation: 5.132
 Type: Discrete Decimal: 2 Width: 8 Range: 2 - 12 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2		1	33.3%
5		1	33.3%
12		1	33.3%
Sysmiss		691	

S10_1_7: How many [Hand pumps or other hand irrigation devices] were used by the holding**Data file:** HOLDING_ano**Overview**

Valid: 13 Invalid: 681 Minimum: 1 Maximum: 120 Mean: 16.846 Standard deviation: 32.769
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 120 Format: Numeric

S10_1_8: How many [Hand Hoe] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 421 Invalid: 273 Minimum: 1 Maximum: 500 Mean: 39.23 Standard deviation: 55.29
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 500 Format: Numeric

S10_1_9: How many [Cutlass] were used by the holding in the past 12 months?**Data file:** HOLDING_ano

Overview

Valid: 458 Invalid: 236 Minimum: 4 Maximum: 1755 Mean: 55.509 Standard deviation: 121.891
 Type: Continuous Decimal: 2 Width: 8 Range: 4 - 1755 Format: Numeric

S10_1_10: How many [Shovel] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 344 Invalid: 350 Minimum: 2 Maximum: 1000 Mean: 29.413 Standard deviation: 69.951
 Type: Continuous Decimal: 2 Width: 8 Range: 2 - 1000 Format: Numeric

S10_1_11: How many [Digger] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 280 Invalid: 414 Minimum: 1 Maximum: 12000 Mean: 69.157 Standard deviation: 724.825
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 12000 Format: Numeric

S10_1_12: How many [Axe] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 321 Invalid: 373 Minimum: 1 Maximum: 1000 Mean: 20.595 Standard deviation: 62.821
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 1000 Format: Numeric

S10_1_13: How many [Rake] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 229 Invalid: 465 Minimum: 1 Maximum: 2500 Mean: 37.419 Standard deviation: 180.334
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 2500 Format: Numeric

S10_1_14: How many [Filling/File] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 359 Invalid: 335 Minimum: 1 Maximum: 3600 Mean: 43.969 Standard deviation: 199.917
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 3600 Format: Numeric

S10_1_15: How many [Whipper/Wipper] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 94 Invalid: 600 Minimum: 1 Maximum: 1000 Mean: 51.468 Standard deviation: 141.15
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 1000 Format: Numeric

S10_1_16: How many [Wheel Barrow] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 253 Invalid: 441 Minimum: 1 Maximum: 1600 Mean: 23.913 Standard deviation: 116.963
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 1600 Format: Numeric

S10_1_17: How many [Saw/Powersaw] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 99 Invalid: 595 Minimum: 1 Maximum: 15 Mean: 1.889 Standard deviation: 2.123
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		61	61.6%
2		26	26.3%
3		4	4%
4		1	1%
5		3	3%
6		1	1%
11		2	2%
15		1	1%
Sysmiss		595	

S10_1_18: How many [Mill/Grinder] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 10 Invalid: 684 Minimum: 1 Maximum: 7 Mean: 2.3 Standard deviation: 1.829
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		4	40%
2		3	30%
3		2	20%
7		1	10%
Sysmiss		684	

S10_1_19: How many [Grater] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 7 Invalid: 687 Minimum: 1 Maximum: 5 Mean: 1.857 Standard deviation: 1.574
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		5	71.4%
3		1	14.3%
5		1	14.3%
Sysmiss		687	

S10_2A: Water pumps

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	73	14.9%
2	No	418	85.1%
Sysmiss		203	

S10_2B: Drip irrigation equipment**Data file:** HOLDING_ano**Overview**

Valid: 490 Invalid: 204 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	4	0.8%
2	No	486	99.2%
Sysmiss		204	

S10_2C: Sprinkler irrigation equipment**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	6	1.2%
2	No	485	98.8%
Sysmiss		203	

S10_2D: Sprayers and other localized irrigation devices**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	50	10.2%
2	No	441	89.8%
Sysmiss		203	

S10_2_20: How many [Water pumps] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 73 Invalid: 621 Minimum: 1 Maximum: 15 Mean: 2.425 Standard deviation: 2.981
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 15 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		38	52.1%
2		18	24.7%
3		6	8.2%
4		5	6.8%
5		2	2.7%
10		1	1.4%
15		3	4.1%
Sysmiss		621	

S10_2_22: How many [Sprinkler irrigation equipment] were used by the holding in the past 1

Data file: HOLDING_ano

Overview

Valid: 6 Invalid: 688 Minimum: 1 Maximum: 10 Mean: 5.5 Standard deviation: 3.017
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	16.7%
4		1	16.7%
5		1	16.7%
6		1	16.7%

7		1	16.7%
10		1	16.7%
Sysmiss		688	

S10_2_23: How many [Sprayers and other localized irrigation devices] were used by the hold

Data file: HOLDING_ano

Overview

Valid: 50 Invalid: 644 Minimum: 1 Maximum: 144 Mean: 13.6 Standard deviation: 27.076
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 144 Format: Numeric

S10_3A: Stand-alone combustion engines

Data file: HOLDING_ano

Overview

Valid: 487 Invalid: 207 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	487	100%
Sysmiss		207	

S10_3C: Generators for the production of electricity

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	52	10.6%
2	No	439	89.4%
Sysmiss		203	

S10_3D: Computers, laptops, tablets or smart phones used for farm management

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	62	12.6%
2	No	429	87.4%
Sysmiss		203	

S10_3_24: How many [Stand-alone combustion engines] were used by the holding in the past 1

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_3_26: How many [Generators for the production of electricity] were used by the holding

Data file: HOLDING_ano

Overview

Valid: 52 Invalid: 642 Minimum: 1 Maximum: 22 Mean: 2.788 Standard deviation: 4.381
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 22 Format: Numeric

S10_3_27: How many [Computers, laptops, tablets or smart phones used for farm management]

Data file: HOLDING_ano

Overview

Valid: 62 Invalid: 632 Minimum: 1 Maximum: 250 Mean: 9.274 Standard deviation: 33.44
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 250 Format: Numeric

S10_4A: Track-laying tractors

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	1.4%
2	No	484	98.6%
Sysmiss		203	

S10_2_21: How many [Drip irrigation equipment] were used by the holding in the past 12 mon

Data file: HOLDING_ano

Overview

Valid: 4 Invalid: 690 Minimum: 2 Maximum: 8 Mean: 4.25 Standard deviation: 2.63
 Type: Discrete Decimal: 2 Width: 8 Range: 2 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2		1	25%
3		1	25%
4		1	25%
8		1	25%
Sysmiss		690	

S10_4B: Four-wheel drive tractors

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	17	3.5%
2	No	472	96.5%
Sysmiss		205	

S10_4C: Two-wheel drive tractors

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	8	1.6%
2	No	481	98.4%
Sysmiss		205	

S10_4D: Bulldozers

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	4	0.8%
2	No	485	99.2%
Sysmiss		205	

S10_4E: Trucks**Data file: HOLDING_ano****Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	19	3.9%
2	No	472	96.1%
Sysmiss		203	

S10_4F: Boats**Data file: HOLDING_ano****Overview**

Valid: 490 Invalid: 204 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	490	100%
Sysmiss		204	

S10_4G: Trailers**Data file: HOLDING_ano****Overview**

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	4	0.8%
2	No	485	99.2%
Sysmiss		205	

S10_4_28: How many [Track-laying tractors] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 7 Invalid: 687 Minimum: 1 Maximum: 2 Mean: 1.286 Standard deviation: 0.488
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		5	71.4%
2		2	28.6%
Sysmiss		687	

S10_4_29: How many [Four-wheel drive tractors] were used by the holding in the past 12 mon

Data file: HOLDING_ano

Overview

Valid: 17 Invalid: 677 Minimum: 1 Maximum: 46 Mean: 7.118 Standard deviation: 13.72
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 46 Format: Numeric

S10_4_30: How many [Two-wheel drive tractors] were used by the holding in the past 12 mont

Data file: HOLDING_ano

Overview

Valid: 8 Invalid: 686 Minimum: 1 Maximum: 8 Mean: 2.375 Standard deviation: 2.504
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 8 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		5	62.5%

2		1	12.5%
4		1	12.5%
8		1	12.5%
Sysmiss		686	

S10_4_31: How many [Bulldozers] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 4 Invalid: 690 Minimum: 1 Maximum: 4 Mean: 2.5 Standard deviation: 1.732
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 4 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2	50%
4		2	50%
Sysmiss		690	

S10_4_32: How many [Trucks] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 19 Invalid: 675 Minimum: 1 Maximum: 65 Mean: 8.895 Standard deviation: 17.191
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 65 Format: Numeric

S10_4_33: How many [Boats] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_4_34: How many [Trailers] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 4 Invalid: 690 Minimum: 1 Maximum: 7 Mean: 2.75 Standard deviation: 2.872
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 7 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2	50%
2		1	25%
7		1	25%
Sysmiss		690	

S10_5A: Ploughs**Data file:** HOLDING_ano**Overview**

Valid: 489 Invalid: 205 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	3	0.6%
2	No	486	99.4%
Sysmiss		205	

S10_5B: Power tillers**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
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1	Yes	42	8.6%
2	No	449	91.4%
Sysmiss		203	

S10_5E: Disk harrows

Data file: HOLDING_ano

Overview

Valid: 488 Invalid: 206 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	488	100%
Sysmiss		206	

S10_5F: Cultivators

Data file: HOLDING_ano

Overview

Valid: 490 Invalid: 204 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	490	100%
Sysmiss		204	

S10_5G: Levellers

Data file: HOLDING_ano

Overview

Valid: 488 Invalid: 206 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	488	100%
Sysmiss		206	

S10_5I: Diggers used for land preparation

Data file: HOLDING_ano

Overview

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	22	4.5%
2	No	469	95.5%
Sysmiss		203	

S10_5L: Broadcast seeders

Data file: HOLDING_ano

Overview

Valid: 489 Invalid: 205 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	489	100%
Sysmiss		205	

S10_5_35: How many [Ploughs] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 3 Invalid: 691 Minimum: 1 Maximum: 10 Mean: 4.333 Standard deviation: 4.933
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	33.3%
2		1	33.3%
10		1	33.3%
Sysmiss		691	

S10_5_36: How many [Power tillers] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 42 Invalid: 652 Minimum: 1 Maximum: 10 Mean: 1.833 Standard deviation: 1.529
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 10 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		23	54.8%
2		11	26.2%
3		6	14.3%
4		1	2.4%
10		1	2.4%
Sysmiss		652	

S10_5_39: How many [Disk harrows] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_5_40: How many [Cultivators] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694

Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_5_41: How many [Levellers] were used by the holding in the past 12 months?

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694

Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_5_43: How many [Diggers used for land preparation] were used by the holding in the pas

Data file: HOLDING_ano

Overview

Valid: 22 Invalid: 672 Minimum: 2 Maximum: 144 Mean: 22.909 Standard deviation: 31.849

Type: Continuous Decimal: 2 Width: 8 Range: 2 - 144 Format: Numeric

S10_5_46: How many [Broadcast seeders] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_6A: Manure spreaders**Data file:** HOLDING_ano**Overview**

Valid: 490 Invalid: 204 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	5	1%
2	No	485	99%
Sysmiss		204	

S10_6B: Fertilizer broadcasters**Data file:** HOLDING_ano**Overview**

Valid: 490 Invalid: 204 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	5	1%
2	No	485	99%
Sysmiss		204	

S10_6C: Sprayers**Data file: HOLDING_ano****Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	78	15.9%
2	No	413	84.1%
Sysmiss		203	

S10_6_50: How many [Manure spreaders] were used by the holding in the past 12 months?**Data file: HOLDING_ano****Overview**

Valid: 5 Invalid: 689 Minimum: 2 Maximum: 25 Mean: 7.4 Standard deviation: 9.864
 Type: Continuous Decimal: 2 Width: 8 Range: 2 - 25 Format: Numeric

S10_6_51: How many [Fertilizer broadcasters] were used by the holding in the past 12 month**Data file: HOLDING_ano****Overview**

Valid: 5 Invalid: 689 Minimum: 1 Maximum: 20 Mean: 7.2 Standard deviation: 7.981
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 20 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		1	20%
2		1	20%
3		1	20%
10		1	20%
20		1	20%
Sysmiss		689	

S10_6_52: How many [Sprayers] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 78 Invalid: 616 Minimum: 1 Maximum: 90 Mean: 8.154 Standard deviation: 14.517
 Type: Continuous Decimal: 2 Width: 8 Range: 1 - 90 Format: Numeric

S10_7A: Mowers for grass crops**Data file:** HOLDING_ano**Overview**

Valid: 488 Invalid: 206 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	488	100%
Sysmiss		206	

S10_7F: Combine harvesters**Data file:** HOLDING_ano**Overview**

Valid: 490 Invalid: 204 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	490	100%
Sysmiss		204	

S10_7_55: How many [Mowers for grass crops] were used by the holding in the past 12

months**Data file:** HOLDING_ano**Overview**

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_7_60: How many [Combine harvesters] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

S10_8C: Sorters and graders**Data file:** HOLDING_ano**Overview**

Valid: 491 Invalid: 203 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	3	0.6%
2	No	488	99.4%
Sysmiss		203	

S10_8_69: How many [Sorters and graders] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 3 Invalid: 691 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 1 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		3	100%
Sysmiss		691	

S10_9A: Milking machines**Data file:** HOLDING_ano**Overview**

Valid: 47 Invalid: 647 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	3	6.4%
2	No	44	93.6%
Sysmiss		647	

S10_9_71: How many [Milking machines] were used by the holding in the past 12 months?**Data file:** HOLDING_ano**Overview**

Valid: 3 Invalid: 691 Minimum: 1 Maximum: 5 Mean: 2.333 Standard deviation: 2.309
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		2	66.7%
5		1	33.3%

Sysmiss		691	
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Q8A_B: Cows

Data file: HOLDING_ano

Overview

Valid: 49 Invalid: 645 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	7	14.3%
2	No	42	85.7%
Sysmiss		645	

Q8A_E: Goats - He/She/Kids

Data file: HOLDING_ano

Overview

Valid: 50 Invalid: 644 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	26	52%
2	No	24	48%
Sysmiss		644	

Q8A_F: Sheep - Rams/Ewes/Lambs

Data file: HOLDING_ano

Overview

Valid: 49 Invalid: 645 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	11	22.4%
2	No	38	77.6%
Sysmiss		645	

Q8A_I: Pigs - Boar/Sow/Piglets

Data file: HOLDING_ano

Overview

Valid: 50 Invalid: 644 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	19	38%
2	No	31	62%
Sysmiss		644	

Q8A_1_2_2: How many Cows does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 7 Invalid: 687 Minimum: 2 Maximum: 48 Mean: 14.429 Standard deviation: 16.257
 Type: Continuous Decimal: 2 Width: 8 Range: 2 - 48 Format: Numeric

Q8A_2_1_2: How many Goats - He/She/Kids does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 26 Invalid: 668 Minimum: 2 Maximum: 100 Mean: 14.346 Standard deviation: 19.426
 Type: Continuous Decimal: 2 Width: 8 Range: 2 - 100 Format: Numeric

Q8A_2_2_2: How many Sheep - Rams/Ewes/Lambs does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 11 Invalid: 683 Minimum: 2 Maximum: 17 Mean: 7.636 Standard deviation: 5.353
 Type: Discrete Decimal: 2 Width: 8 Range: 2 - 17 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
2		1	9.1%
3		1	9.1%
4		1	9.1%
5		3	27.3%
6		1	9.1%
7		1	9.1%
15		2	18.2%
17		1	9.1%
Sysmiss		683	

Q8A_4_1_2: How many Pigs - Boar/Sow/Piglets does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 19 Invalid: 675 Minimum: 4 Maximum: 1200 Mean: 154.684 Standard deviation: 307.635
 Type: Continuous Decimal: 2 Width: 8 Range: 4 - 1200 Format: Numeric

Q8B_A: Chicken - cocks / broilers

Data file: HOLDING_ano

Overview

Valid: 18 Invalid: 676 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	13	72.2%
2	No	5	27.8%
Sysmiss		676	

Q8B_B: Chicken - hens / layers**Data file:** HOLDING_ano**Overview**

Valid: 16 Invalid: 678 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	12	75%
2	No	4	25%
Sysmiss		678	

Q8B_C: Pullets/DOCs**Data file:** HOLDING_ano**Overview**

Valid: 17 Invalid: 677 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%
2	No	17	100%
Sysmiss		677	

Q8B_D: Ducks**Data file:** HOLDING_ano**Overview**

Valid: 16 Invalid: 678 Minimum: 2 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	0	0%

2	No	16	100%
Sysmiss		678	

Q8B_5_1_2: How many Chicken - cocks / broilers does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 13 Invalid: 681 Minimum: 5 Maximum: 3500 Mean: 540.538 Standard deviation: 936.321
 Type: Continuous Decimal: 2 Width: 8 Range: 5 - 3500 Format: Numeric

Q8B_5_2_2: How many Chicken - hens / layers does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 12 Invalid: 682 Minimum: 10 Maximum: 1000 Mean: 178.917 Standard deviation: 294.831
 Type: Continuous Decimal: 2 Width: 8 Range: 10 - 1000 Format: Numeric

Q8B_5_3_2: How many Pullets/DOCs does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
Sysmiss	

Q8B_5_4_2: How many Ducks does this holding currently keep?

Data file: HOLDING_ano

Overview

Valid: 0 Invalid: 694
 Type: Discrete Decimal: 2 Width: 8 Range: - Format: Numeric

Questions and instructions

CATEGORIES

Value	Category
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Sysmiss	
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ID_NONHH: Non-household ID**Data file:** PARCEL_ano**Overview**

Valid: 982 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
001		2	0.2%
002		1	0.1%
003		1	0.1%
004		5	0.5%
005		1	0.1%
006		2	0.2%
007		1	0.1%
008		1	0.1%
009		1	0.1%
010		1	0.1%
011		2	0.2%
012		3	0.3%
013		1	0.1%
014		1	0.1%
015		1	0.1%
016		1	0.1%
017		2	0.2%
018		1	0.1%
019		1	0.1%
020		1	0.1%
021		1	0.1%
022		2	0.2%
024		1	0.1%
025		1	0.1%
026		1	0.1%
027		1	0.1%
028		1	0.1%
029		1	0.1%
030		1	0.1%
031		2	0.2%

033		1	0.1%
034		2	0.2%
035		2	0.2%
036		2	0.2%
037		1	0.1%
038		1	0.1%
040		2	0.2%
041		1	0.1%
042		2	0.2%
043		1	0.1%
044		1	0.1%
045		1	0.1%
046		1	0.1%
047		1	0.1%
048		4	0.4%
049		1	0.1%
051		1	0.1%
052		1	0.1%
053		1	0.1%
054		5	0.5%
055		1	0.1%
056		1	0.1%
057		1	0.1%
058		2	0.2%
059		3	0.3%
060		1	0.1%
061		1	0.1%
062		1	0.1%
063		1	0.1%
064		1	0.1%
065		2	0.2%
066		1	0.1%
067		1	0.1%
068		1	0.1%
069		2	0.2%
070		1	0.1%
072		1	0.1%
073		2	0.2%
075		2	0.2%

076		1	0.1%
077		1	0.1%
078		1	0.1%
079		1	0.1%
080		2	0.2%
081		2	0.2%
082		1	0.1%
083		1	0.1%
084		2	0.2%
085		1	0.1%
086		1	0.1%
087		2	0.2%
089		1	0.1%
090		3	0.3%
091		2	0.2%
092		1	0.1%
094		1	0.1%
095		1	0.1%
096		4	0.4%
097		1	0.1%
098		1	0.1%
099		1	0.1%
100		1	0.1%
102		2	0.2%
103		1	0.1%
104		1	0.1%
105		7	0.7%
108		1	0.1%
109		1	0.1%
110		3	0.3%
111		1	0.1%
113		1	0.1%
114		6	0.6%
115		1	0.1%
116		1	0.1%
117		2	0.2%
118		3	0.3%
119		1	0.1%
120		1	0.1%

121		1	0.1%
122		1	0.1%
123		1	0.1%
124		4	0.4%
125		1	0.1%
126		1	0.1%
127		2	0.2%
128		1	0.1%
129		2	0.2%
130		3	0.3%
131		1	0.1%
132		1	0.1%
133		1	0.1%
134		2	0.2%
135		1	0.1%
136		1	0.1%
138		1	0.1%
139		2	0.2%
140		1	0.1%
141		2	0.2%
142		5	0.5%
143		7	0.7%
144		1	0.1%
145		1	0.1%
146		1	0.1%
147		4	0.4%
148		1	0.1%
149		1	0.1%
150		1	0.1%
151		1	0.1%
152		5	0.5%
153		1	0.1%
154		1	0.1%
155		1	0.1%
156		1	0.1%
157		1	0.1%
158		2	0.2%
160		1	0.1%
161		1	0.1%

162		3	0.3%
163		1	0.1%
164		1	0.1%
165		1	0.1%
166		1	0.1%
167		1	0.1%
168		2	0.2%
169		2	0.2%
170		1	0.1%
171		1	0.1%
172		1	0.1%
173		1	0.1%
174		6	0.6%
175		1	0.1%
176		1	0.1%
177		2	0.2%
178		1	0.1%
179		1	0.1%
181		1	0.1%
182		1	0.1%
184		1	0.1%
185		1	0.1%
186		1	0.1%
187		1	0.1%
188		1	0.1%
189		3	0.3%
190		1	0.1%
191		1	0.1%
192		1	0.1%
194		1	0.1%
195		1	0.1%
196		3	0.3%
197		1	0.1%
198		1	0.1%
199		2	0.2%
200		1	0.1%
202		1	0.1%
203		1	0.1%
204		1	0.1%

206		3	0.3%
207		2	0.2%
208		1	0.1%
209		1	0.1%
210		2	0.2%
211		1	0.1%
212		1	0.1%
213		1	0.1%
214		1	0.1%
215		2	0.2%
216		2	0.2%
217		1	0.1%
219		1	0.1%
220		4	0.4%
221		1	0.1%
222		1	0.1%
223		1	0.1%
224		1	0.1%
226		1	0.1%
227		1	0.1%
228		3	0.3%
229		1	0.1%
230		17	1.7%
231		1	0.1%
232		1	0.1%
233		1	0.1%
235		2	0.2%
236		1	0.1%
237		1	0.1%
238		2	0.2%
240		1	0.1%
241		2	0.2%
244		1	0.1%
245		1	0.1%
246		1	0.1%
247		1	0.1%
248		3	0.3%
249		1	0.1%
250		2	0.2%

251		1	0.1%
252		4	0.4%
254		2	0.2%
255		1	0.1%
256		1	0.1%
257		1	0.1%
258		1	0.1%
259		1	0.1%
260		2	0.2%
261		1	0.1%
262		1	0.1%
263		1	0.1%
264		1	0.1%
265		1	0.1%
266		1	0.1%
267		1	0.1%
268		1	0.1%
269		1	0.1%
270		1	0.1%
271		1	0.1%
272		1	0.1%
273		1	0.1%
275		1	0.1%
276		2	0.2%
277		1	0.1%
278		1	0.1%
280		1	0.1%
281		1	0.1%
282		1	0.1%
283		1	0.1%
284		1	0.1%
286		2	0.2%
287		1	0.1%
288		1	0.1%
289		1	0.1%
290		1	0.1%
291		1	0.1%
292		1	0.1%
293		3	0.3%

294		5	0.5%
295		3	0.3%
296		3	0.3%
297		2	0.2%
298		3	0.3%
299		2	0.2%
300		1	0.1%
301		2	0.2%
302		1	0.1%
303		1	0.1%
304		2	0.2%
305		1	0.1%
306		1	0.1%
307		1	0.1%
308		4	0.4%
309		1	0.1%
310		1	0.1%
311		2	0.2%
312		1	0.1%
313		1	0.1%
314		1	0.1%
315		1	0.1%
316		1	0.1%
317		2	0.2%
318		1	0.1%
319		2	0.2%
320		2	0.2%
321		2	0.2%
322		1	0.1%
323		1	0.1%
324		1	0.1%
325		1	0.1%
326		1	0.1%
327		1	0.1%
328		2	0.2%
330		1	0.1%
331		1	0.1%
332		1	0.1%
333		1	0.1%

335		2	0.2%
336		1	0.1%
337		1	0.1%
338		1	0.1%
340		1	0.1%
341		1	0.1%
342		1	0.1%
343		1	0.1%
344		1	0.1%
345		2	0.2%
346		2	0.2%
347		1	0.1%
348		1	0.1%
349		1	0.1%
350		1	0.1%
351		2	0.2%
352		1	0.1%
353		2	0.2%
354		1	0.1%
355		1	0.1%
356		1	0.1%
357		3	0.3%
358		1	0.1%
359		1	0.1%
360		6	0.6%
361		1	0.1%
362		1	0.1%
363		3	0.3%
364		2	0.2%
365		4	0.4%
366		1	0.1%
367		1	0.1%
368		1	0.1%
369		1	0.1%
370		2	0.2%
371		1	0.1%
373		1	0.1%
374		3	0.3%
375		1	0.1%

376		1	0.1%
377		2	0.2%
378		1	0.1%
379		2	0.2%
380		1	0.1%
382		1	0.1%
383		3	0.3%
384		1	0.1%
385		1	0.1%
386		1	0.1%
387		1	0.1%
388		1	0.1%
389		1	0.1%
390		2	0.2%
391		2	0.2%
392		1	0.1%
393		6	0.6%
394		1	0.1%
395		1	0.1%
396		6	0.6%
397		1	0.1%
398		1	0.1%
399		1	0.1%
400		1	0.1%
401		3	0.3%
402		3	0.3%
403		1	0.1%
404		1	0.1%
405		2	0.2%
406		1	0.1%
407		2	0.2%
409		1	0.1%
410		2	0.2%
411		2	0.2%
413		3	0.3%
414		1	0.1%
415		1	0.1%
416		1	0.1%
418		1	0.1%

419		1	0.1%
420		2	0.2%
421		1	0.1%
422		1	0.1%
423		2	0.2%
424		1	0.1%
425		3	0.3%
426		1	0.1%
427		1	0.1%
428		2	0.2%
429		2	0.2%
430		1	0.1%
431		1	0.1%
432		2	0.2%
434		2	0.2%
435		1	0.1%
436		1	0.1%
437		2	0.2%
438		1	0.1%
439		1	0.1%
440		1	0.1%
441		1	0.1%
442		1	0.1%
443		1	0.1%
444		1	0.1%
446		3	0.3%
448		2	0.2%
449		2	0.2%
450		1	0.1%
451		4	0.4%
452		1	0.1%
453		1	0.1%
454		1	0.1%
455		1	0.1%
456		2	0.2%
457		1	0.1%
458		2	0.2%
459		3	0.3%
460		1	0.1%

461		1	0.1%
462		1	0.1%
463		1	0.1%
465		1	0.1%
466		3	0.3%
467		1	0.1%
469		1	0.1%
471		1	0.1%
472		1	0.1%
473		4	0.4%
474		1	0.1%
475		1	0.1%
476		1	0.1%
477		2	0.2%
478		1	0.1%
479		1	0.1%
480		1	0.1%
481		1	0.1%
482		5	0.5%
483		1	0.1%
484		3	0.3%
485		1	0.1%
486		1	0.1%
487		1	0.1%
488		1	0.1%
489		2	0.2%
490		1	0.1%
492		2	0.2%
493		1	0.1%
494		1	0.1%
495		3	0.3%
496		1	0.1%
497		1	0.1%
498		1	0.1%
499		1	0.1%
500		3	0.3%
501		1	0.1%
503		1	0.1%
504		2	0.2%

505		2	0.2%
506		1	0.1%
507		1	0.1%
508		1	0.1%
509		1	0.1%
510		1	0.1%
511		1	0.1%
512		1	0.1%
513		1	0.1%
514		1	0.1%
515		1	0.1%
516		1	0.1%
517		1	0.1%
518		1	0.1%
519		1	0.1%
520		1	0.1%
521		1	0.1%
523		1	0.1%
524		1	0.1%
525		1	0.1%
526		2	0.2%
527		3	0.3%
528		1	0.1%
529		1	0.1%
530		2	0.2%
531		1	0.1%
532		1	0.1%
533		1	0.1%
534		1	0.1%
535		2	0.2%
536		1	0.1%
537		2	0.2%
538		1	0.1%
539		1	0.1%
540		1	0.1%
542		1	0.1%
543		1	0.1%
544		1	0.1%
546		1	0.1%

547		1	0.1%
548		1	0.1%
549		1	0.1%
550		3	0.3%
551		1	0.1%
552		5	0.5%
553		2	0.2%
554		1	0.1%
555		2	0.2%
556		1	0.1%
557		1	0.1%
558		2	0.2%
559		1	0.1%
560		1	0.1%
561		1	0.1%
562		2	0.2%
563		5	0.5%
564		1	0.1%
565		1	0.1%
566		2	0.2%
567		2	0.2%
568		1	0.1%
569		1	0.1%
570		1	0.1%
571		1	0.1%
572		1	0.1%
573		1	0.1%
574		2	0.2%
575		2	0.2%
576		1	0.1%
577		1	0.1%
578		2	0.2%
579		1	0.1%
580		1	0.1%
581		2	0.2%
582		2	0.2%
584		1	0.1%
585		1	0.1%
586		1	0.1%

587		1	0.1%
588		1	0.1%
589		1	0.1%
590		5	0.5%
592		2	0.2%
594		1	0.1%
595		4	0.4%
596		8	0.8%
597		3	0.3%
598		1	0.1%
599		1	0.1%
600		2	0.2%
601		4	0.4%
603		2	0.2%
604		1	0.1%
606		2	0.2%
607		1	0.1%
608		2	0.2%
609		3	0.3%
610		2	0.2%
611		2	0.2%
612		3	0.3%
613		1	0.1%
614		1	0.1%
615		1	0.1%
616		1	0.1%
617		1	0.1%
618		1	0.1%
619		2	0.2%
620		2	0.2%
621		1	0.1%
622		1	0.1%
623		1	0.1%
624		3	0.3%
625		1	0.1%
626		1	0.1%
627		2	0.2%
628		1	0.1%
629		1	0.1%

630		1	0.1%
631		1	0.1%
632		1	0.1%
633		1	0.1%
634		1	0.1%
635		2	0.2%
636		1	0.1%
637		1	0.1%
638		2	0.2%
640		3	0.3%
642		1	0.1%
643		1	0.1%
645		1	0.1%
646		1	0.1%
647		4	0.4%
648		1	0.1%
649		3	0.3%
650		1	0.1%
651		2	0.2%
652		1	0.1%
653		2	0.2%
654		1	0.1%
655		1	0.1%
656		1	0.1%
658		3	0.3%
659		2	0.2%
661		2	0.2%
662		1	0.1%
663		5	0.5%
665		1	0.1%
666		1	0.1%
668		1	0.1%
669		1	0.1%
670		1	0.1%
671		1	0.1%
672		1	0.1%
673		1	0.1%
675		2	0.2%
676		4	0.4%

677		1	0.1%
678		1	0.1%
679		2	0.2%
680		1	0.1%
681		1	0.1%
682		7	0.7%
683		1	0.1%
684		1	0.1%
685		2	0.2%
686		1	0.1%
687		1	0.1%
688		3	0.3%
689		1	0.1%
690		1	0.1%
691		1	0.1%
692		2	0.2%
694		2	0.2%

A04_B: Urban or rural

Data file: PARCEL_ano

Overview

Valid: 979 Invalid: 3 Minimum: 1 Maximum: 2

Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Urban	245	25%
2	Rural	734	75%
Sysmiss		3	

AGP_ID: Parcel ID

Data file: PARCEL_ano

Overview

Valid: 982 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
01		632	64.4%
02		196	20%
03		74	7.5%
04		34	3.5%
05		20	2%
06		10	1%
07		5	0.5%
08		2	0.2%
09		1	0.1%
10		1	0.1%
11		1	0.1%
12		1	0.1%
13		1	0.1%
14		1	0.1%
15		1	0.1%
16		1	0.1%
17		1	0.1%

AGP_3: Under which tenure system is this [PARCEL]?

Data file: PARCEL_ano

Overview

Valid: 982 Invalid: 0 Minimum: 1 Maximum: 11
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 11 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Squatter	71	7.2%
2	Purchased	163	16.6%
3	Inherited	130	13.2%
4	Rented	149	15.2%
5	Provided (by government, private company or private individu	125	12.7%
6	Customary Land	275	28%

11	Other	69	7%
----	-------	----	----

AGP_4: What is the area of this [PARCEL]? (in hectare)

Data file: PARCEL_ano

Overview

Valid: 911 Invalid: 71 Minimum: 1 Maximum: 5
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 5 ha	263	28.9%
2	5-20 ha	318	34.9%
3	20-35 ha	87	9.5%
4	35-50 ha	28	3.1%
5	50 ha or more	215	23.6%
Sysmiss		71	

AGP_5B: CULTIVATED WITH TEMPORARY CROPS

Data file: PARCEL_ano

Overview

Valid: 982 Invalid: 0 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	654	66.6%
2	No	328	33.4%

AGP_5C: CULTIVATED WITH PERMANENT CROPS

Data file: PARCEL_ano

Overview

Valid: 980 Invalid: 2 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	229	23.4%
2	No	751	76.6%
Sysmiss		2	

AGP_5P: UNUTILIZED/NOT CLASSIFIED ELSEWHERE (rocks, wetlands, including with natural vegetation)

Data file: PARCEL_ano

Overview

Valid: 982 Invalid: 0 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	177	18%
2	No	805	82%

AGP_6: Is there any irrigation infrastructure on this [PARCEL]?

Data file: PARCEL_ano

Overview

Valid: 862 Invalid: 120 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	58	6.7%
2	No	804	93.3%
Sysmiss		120	

AGP_7: Are there any greenhouses or high shelters on this [PARCEL]?

Data file: PARCEL_ano

Overview

Valid: 853 Invalid: 129 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Yes	13	1.5%
2	No	840	98.5%
Sysmiss		129	

AGP_8: What is the number of PLOTS (for crops) are on this [PARCEL]?

Data file: PARCEL_ano

Overview

Valid: 868 Invalid: 114 Minimum: 1 Maximum: 45 Mean: 1.927 Standard deviation: 3.34
 Type: Continuous Decimal: 0 Width: 2 Range: 1 - 45 Format: Numeric

ID_NONHH: Non-household ID**Data file:** PLOT_ano**Overview**

Valid: 1788 Invalid: 0

Type: Discrete Width: 3 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
001		2	0.1%
002		1	0.1%
003		4	0.2%
004		5	0.3%
005		1	0.1%
006		2	0.1%
007		1	0.1%
008		1	0.1%
009		3	0.2%
010		1	0.1%
011		5	0.3%
012		3	0.2%
013		1	0.1%
014		1	0.1%
015		1	0.1%
016		1	0.1%
017		5	0.3%
018		2	0.1%
019		1	0.1%
020		1	0.1%
021		1	0.1%
022		5	0.3%
024		1	0.1%
025		3	0.2%
026		5	0.3%
027		1	0.1%
028		1	0.1%
029		1	0.1%
030		2	0.1%
031		2	0.1%

033		1	0.1%
034		2	0.1%
035		4	0.2%
036		3	0.2%
037		41	2.3%
038		1	0.1%
040		2	0.1%
041		1	0.1%
042		4	0.2%
043		8	0.4%
044		2	0.1%
045		1	0.1%
046		2	0.1%
047		1	0.1%
048		8	0.4%
049		1	0.1%
051		3	0.2%
052		1	0.1%
053		2	0.1%
054		5	0.3%
055		1	0.1%
056		1	0.1%
057		1	0.1%
058		2	0.1%
059		3	0.2%
060		1	0.1%
061		1	0.1%
062		1	0.1%
063		2	0.1%
064		1	0.1%
065		2	0.1%
066		1	0.1%
067		3	0.2%
068		1	0.1%
069		2	0.1%
070		1	0.1%
072		5	0.3%
073		5	0.3%
075		4	0.2%

076		1	0.1%
077		3	0.2%
078		1	0.1%
079		6	0.3%
080		2	0.1%
081		4	0.2%
082		2	0.1%
083		1	0.1%
084		2	0.1%
085		3	0.2%
086		1	0.1%
087		4	0.2%
089		2	0.1%
090		54	3%
091		2	0.1%
092		1	0.1%
094		1	0.1%
095		1	0.1%
096		4	0.2%
097		2	0.1%
098		1	0.1%
099		4	0.2%
100		1	0.1%
102		4	0.2%
103		1	0.1%
104		3	0.2%
105		17	1%
108		1	0.1%
109		1	0.1%
110		3	0.2%
111		1	0.1%
113		1	0.1%
114		7	0.4%
115		1	0.1%
116		2	0.1%
117		3	0.2%
118		3	0.2%
119		1	0.1%
120		1	0.1%

121		1	0.1%
122		1	0.1%
123		1	0.1%
124		4	0.2%
125		1	0.1%
126		1	0.1%
127		2	0.1%
128		40	2.2%
129		3	0.2%
130		4	0.2%
131		3	0.2%
132		1	0.1%
133		1	0.1%
134		2	0.1%
135		5	0.3%
136		1	0.1%
138		4	0.2%
139		2	0.1%
140		2	0.1%
141		7	0.4%
142		5	0.3%
143		7	0.4%
144		1	0.1%
145		1	0.1%
146		2	0.1%
147		5	0.3%
148		6	0.3%
149		1	0.1%
150		1	0.1%
151		1	0.1%
152		5	0.3%
153		1	0.1%
154		2	0.1%
155		4	0.2%
156		1	0.1%
157		2	0.1%
158		2	0.1%
160		1	0.1%
161		2	0.1%

162		4	0.2%
163		1	0.1%
164		2	0.1%
165		1	0.1%
166		4	0.2%
167		4	0.2%
168		5	0.3%
169		4	0.2%
170		1	0.1%
171		3	0.2%
172		1	0.1%
173		3	0.2%
174		8	0.4%
175		1	0.1%
176		1	0.1%
177		2	0.1%
178		2	0.1%
179		1	0.1%
181		2	0.1%
182		5	0.3%
184		1	0.1%
185		1	0.1%
186		3	0.2%
187		1	0.1%
188		4	0.2%
189		3	0.2%
190		24	1.3%
191		2	0.1%
192		1	0.1%
194		1	0.1%
195		1	0.1%
196		4	0.2%
197		1	0.1%
198		1	0.1%
199		2	0.1%
200		1	0.1%
202		1	0.1%
203		1	0.1%
204		2	0.1%

206		3	0.2%
207		2	0.1%
208		1	0.1%
209		1	0.1%
210		2	0.1%
211		2	0.1%
212		5	0.3%
213		2	0.1%
214		1	0.1%
215		2	0.1%
216		6	0.3%
217		3	0.2%
219		1	0.1%
220		4	0.2%
221		5	0.3%
222		1	0.1%
223		1	0.1%
224		1	0.1%
226		1	0.1%
227		3	0.2%
228		6	0.3%
229		1	0.1%
230		17	1%
231		3	0.2%
232		6	0.3%
233		1	0.1%
235		2	0.1%
236		1	0.1%
237		1	0.1%
238		2	0.1%
240		1	0.1%
241		2	0.1%
244		2	0.1%
245		45	2.5%
246		3	0.2%
247		1	0.1%
248		3	0.2%
249		2	0.1%
250		3	0.2%

251		1	0.1%
252		4	0.2%
254		2	0.1%
255		1	0.1%
256		4	0.2%
257		3	0.2%
258		1	0.1%
259		1	0.1%
260		4	0.2%
261		1	0.1%
262		1	0.1%
263		1	0.1%
264		2	0.1%
265		2	0.1%
266		1	0.1%
267		1	0.1%
268		1	0.1%
269		1	0.1%
270		5	0.3%
271		1	0.1%
272		7	0.4%
273		1	0.1%
275		1	0.1%
276		2	0.1%
277		1	0.1%
278		3	0.2%
280		1	0.1%
281		1	0.1%
282		2	0.1%
283		3	0.2%
284		2	0.1%
286		2	0.1%
287		1	0.1%
288		3	0.2%
289		1	0.1%
290		1	0.1%
291		3	0.2%
292		1	0.1%
293		4	0.2%

294		5	0.3%
295		3	0.2%
296		3	0.2%
297		2	0.1%
298		3	0.2%
299		2	0.1%
300		1	0.1%
301		2	0.1%
302		1	0.1%
303		1	0.1%
304		2	0.1%
305		1	0.1%
306		1	0.1%
307		2	0.1%
308		4	0.2%
309		1	0.1%
310		1	0.1%
311		2	0.1%
312		1	0.1%
313		1	0.1%
314		4	0.2%
315		2	0.1%
316		1	0.1%
317		2	0.1%
318		1	0.1%
319		2	0.1%
320		2	0.1%
321		3	0.2%
322		2	0.1%
323		1	0.1%
324		1	0.1%
325		1	0.1%
326		4	0.2%
327		2	0.1%
328		2	0.1%
330		6	0.3%
331		5	0.3%
332		6	0.3%
333		1	0.1%

335		2	0.1%
336		1	0.1%
337		1	0.1%
338		2	0.1%
340		1	0.1%
341		1	0.1%
342		1	0.1%
343		1	0.1%
344		1	0.1%
345		2	0.1%
346		35	2%
347		2	0.1%
348		3	0.2%
349		1	0.1%
350		3	0.2%
351		2	0.1%
352		3	0.2%
353		2	0.1%
354		2	0.1%
355		4	0.2%
356		2	0.1%
357		3	0.2%
358		3	0.2%
359		1	0.1%
360		6	0.3%
361		1	0.1%
362		3	0.2%
363		3	0.2%
364		2	0.1%
365		4	0.2%
366		1	0.1%
367		3	0.2%
368		1	0.1%
369		1	0.1%
370		2	0.1%
371		1	0.1%
373		1	0.1%
374		3	0.2%
375		2	0.1%

376		1	0.1%
377		2	0.1%
378		3	0.2%
379		2	0.1%
380		1	0.1%
382		1	0.1%
383		3	0.2%
384		1	0.1%
385		2	0.1%
386		2	0.1%
387		5	0.3%
388		1	0.1%
389		10	0.6%
390		3	0.2%
391		2	0.1%
392		1	0.1%
393		6	0.3%
394		1	0.1%
395		6	0.3%
396		6	0.3%
397		2	0.1%
398		1	0.1%
399		1	0.1%
400		1	0.1%
401		3	0.2%
402		6	0.3%
403		1	0.1%
404		1	0.1%
405		2	0.1%
406		3	0.2%
407		2	0.1%
409		1	0.1%
410		2	0.1%
411		2	0.1%
413		4	0.2%
414		2	0.1%
415		5	0.3%
416		1	0.1%
418		3	0.2%

419		3	0.2%
420		2	0.1%
421		1	0.1%
422		5	0.3%
423		5	0.3%
424		1	0.1%
425		3	0.2%
426		4	0.2%
427		4	0.2%
428		6	0.3%
429		2	0.1%
430		1	0.1%
431		2	0.1%
432		2	0.1%
434		3	0.2%
435		2	0.1%
436		2	0.1%
437		4	0.2%
438		3	0.2%
439		4	0.2%
440		1	0.1%
441		2	0.1%
442		2	0.1%
443		1	0.1%
444		1	0.1%
446		8	0.4%
448		3	0.2%
449		2	0.1%
450		1	0.1%
451		4	0.2%
452		1	0.1%
453		1	0.1%
454		1	0.1%
455		2	0.1%
456		2	0.1%
457		2	0.1%
458		3	0.2%
459		4	0.2%
460		1	0.1%

461		4	0.2%
462		1	0.1%
463		1	0.1%
465		5	0.3%
466		3	0.2%
467		1	0.1%
469		2	0.1%
471		1	0.1%
472		2	0.1%
473		6	0.3%
474		1	0.1%
475		2	0.1%
476		4	0.2%
477		3	0.2%
478		1	0.1%
479		1	0.1%
480		1	0.1%
481		1	0.1%
482		5	0.3%
483		1	0.1%
484		3	0.2%
485		3	0.2%
486		1	0.1%
487		1	0.1%
488		5	0.3%
489		3	0.2%
490		1	0.1%
492		2	0.1%
493		1	0.1%
494		5	0.3%
495		4	0.2%
496		7	0.4%
497		4	0.2%
498		2	0.1%
499		1	0.1%
500		4	0.2%
501		1	0.1%
503		4	0.2%
504		2	0.1%

505		2	0.1%
506		1	0.1%
507		2	0.1%
508		2	0.1%
509		5	0.3%
510		2	0.1%
511		2	0.1%
512		1	0.1%
513		1	0.1%
514		1	0.1%
515		4	0.2%
516		4	0.2%
517		1	0.1%
518		2	0.1%
519		1	0.1%
520		3	0.2%
521		1	0.1%
523		1	0.1%
524		2	0.1%
525		1	0.1%
526		2	0.1%
527		3	0.2%
528		3	0.2%
529		1	0.1%
530		4	0.2%
531		2	0.1%
532		1	0.1%
533		1	0.1%
534		8	0.4%
535		2	0.1%
536		1	0.1%
537		2	0.1%
538		1	0.1%
539		1	0.1%
540		1	0.1%
542		1	0.1%
543		1	0.1%
544		2	0.1%
546		2	0.1%

547		1	0.1%
548		1	0.1%
549		1	0.1%
550		3	0.2%
551		1	0.1%
552		5	0.3%
553		2	0.1%
554		1	0.1%
555		2	0.1%
556		3	0.2%
557		1	0.1%
558		3	0.2%
559		3	0.2%
560		1	0.1%
561		4	0.2%
562		2	0.1%
563		6	0.3%
564		2	0.1%
565		1	0.1%
566		4	0.2%
567		2	0.1%
568		4	0.2%
569		2	0.1%
570		1	0.1%
571		3	0.2%
572		1	0.1%
573		1	0.1%
574		3	0.2%
575		2	0.1%
576		1	0.1%
577		3	0.2%
578		7	0.4%
579		5	0.3%
580		5	0.3%
581		2	0.1%
582		2	0.1%
584		1	0.1%
585		2	0.1%
586		2	0.1%

587		1	0.1%
588		1	0.1%
589		2	0.1%
590		6	0.3%
592		3	0.2%
594		2	0.1%
595		4	0.2%
596		17	1%
597		3	0.2%
598		1	0.1%
599		4	0.2%
600		2	0.1%
601		9	0.5%
603		5	0.3%
604		1	0.1%
606		2	0.1%
607		1	0.1%
608		3	0.2%
609		3	0.2%
610		2	0.1%
611		7	0.4%
612		3	0.2%
613		1	0.1%
614		1	0.1%
615		1	0.1%
616		1	0.1%
617		1	0.1%
618		1	0.1%
619		4	0.2%
620		5	0.3%
621		3	0.2%
622		10	0.6%
623		1	0.1%
624		3	0.2%
625		3	0.2%
626		2	0.1%
627		5	0.3%
628		1	0.1%
629		1	0.1%

630		1	0.1%
631		4	0.2%
632		1	0.1%
633		1	0.1%
634		1	0.1%
635		4	0.2%
636		6	0.3%
637		3	0.2%
638		2	0.1%
640		3	0.2%
642		6	0.3%
643		2	0.1%
645		1	0.1%
646		2	0.1%
647		4	0.2%
648		1	0.1%
649		3	0.2%
650		1	0.1%
651		2	0.1%
652		1	0.1%
653		11	0.6%
654		1	0.1%
655		2	0.1%
656		1	0.1%
658		3	0.2%
659		4	0.2%
661		2	0.1%
662		1	0.1%
663		5	0.3%
665		3	0.2%
666		1	0.1%
668		1	0.1%
669		1	0.1%
670		2	0.1%
671		1	0.1%
672		4	0.2%
673		1	0.1%
675		8	0.4%
676		4	0.2%

677		1	0.1%
678		1	0.1%
679		2	0.1%
680		1	0.1%
681		1	0.1%
682		7	0.4%
683		4	0.2%
684		2	0.1%
685		12	0.7%
686		2	0.1%
687		1	0.1%
688		3	0.2%
689		5	0.3%
690		1	0.1%
691		9	0.5%
692		5	0.3%
694		2	0.1%

A04_B: Urban or rural

Data file: PLOT_ano

Overview

Valid: 1771 Invalid: 17 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 8 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Urban	428	24.2%
2	Rural	1343	75.8%
Sysmiss		17	

AGP_ID: PARCEL ID label

Data file: PLOT_ano

Overview

Valid: 1788 Invalid: 0
 Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
01		1320	73.8%
02		295	16.5%
03		85	4.8%
04		36	2%
05		23	1.3%
06		11	0.6%
07		7	0.4%
08		2	0.1%
09		1	0.1%
10		1	0.1%
11		1	0.1%
12		1	0.1%
13		1	0.1%
14		1	0.1%
15		1	0.1%
16		1	0.1%
17		1	0.1%

PR_ID: PLOT ID label

Data file: PLOT_ano

Overview

Valid: 1674 Invalid: 0

Type: Discrete Width: 2 Range: - Format: character

Questions and instructions

CATEGORIES

Value	Category	Cases	
01		867	51.8%
02		271	16.2%
03		148	8.8%
04		91	5.4%
05		50	3%
06		29	1.7%

07		16	1%
08		14	0.8%
09		11	0.7%
10		10	0.6%
11		6	0.4%
12		6	0.4%
13		6	0.4%
14		6	0.4%
15		6	0.4%
16		6	0.4%
17		6	0.4%
18		6	0.4%
19		6	0.4%
20		6	0.4%
21		6	0.4%
22		6	0.4%
23		6	0.4%
24		6	0.4%
25		5	0.3%
26		5	0.3%
27		5	0.3%
28		5	0.3%
29		5	0.3%
30		5	0.3%
31		5	0.3%
32		5	0.3%
33		5	0.3%
34		5	0.3%
35		4	0.2%
36		4	0.2%
37		4	0.2%
38		4	0.2%
39		4	0.2%
40		4	0.2%
41		3	0.2%
42		2	0.1%
43		2	0.1%
44		1	0.1%
45		1	0.1%

PR_2: During the 2022 TO 2023 AGRICULTURAL SEASON, is this [PLOT]?

Data file: PLOT_ano

Overview

Valid: 1674 Invalid: 114 Minimum: 1 Maximum: 3
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 3 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	A Kitchen garden/bakyard	28	1.7%
2	A CONVENTIONAL plot Cultivated	1537	91.8%
3	A CONVENTIONAL PLOT TEMPORARILY left fallow	109	6.5%
Sysmiss		114	

PR_3: Is this [PLOT] in pure stand or mixed?

Data file: PLOT_ano

Overview

Valid: 1565 Invalid: 223 Minimum: 1 Maximum: 2
 Type: Discrete Decimal: 0 Width: 1 Range: 1 - 2 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	PURE STAND	1445	92.3%
2	MIXED / INTERCROPPED	120	7.7%
Sysmiss		223	

PR_3B: You stated that this PLOT is MIXED / INTERCROPPED. How many crops do you have planted on this PLOT

Data file: PLOT_ano

Overview

Valid: 120 Invalid: 1668 Minimum: 1 Maximum: 9 Mean: 2.75 Standard deviation: 1.457
 Type: Discrete Decimal: 0 Width: 2 Range: 1 - 9 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1		11	9.2%
2		61	50.8%
3		21	17.5%
4		15	12.5%
5		5	4.2%
6		3	2.5%
7		2	1.7%
8		1	0.8%
9		1	0.8%
Sysmiss		1668	

PR_5: What is the area of this [PLOT]? (in hectare)

Data file: PLOT_ano

Overview

Valid: 1565 Invalid: 223 Minimum: 1 Maximum: 5
 Type: Discrete Decimal: 2 Width: 8 Range: 1 - 5 Format: Numeric

Questions and instructions

CATEGORIES

Value	Category	Cases	
1	Less than 5 ha	593	37.9%
2	5-20 ha	506	32.3%
3	20-35 ha	131	8.4%
4	35-50 ha	40	2.6%
5	50 ha or more	295	18.8%
Sysmiss		223	

study_resources

questionnaires

LAC-NHL 2024 Questionnaire

title LAC-NHL 2024 Questionnaire
filename LIBERIA_LISTING_nonHH_microdatarelease.xlsx

reports

LAC-NHL 2024 Report

title LAC-NHL 2024 Report
filename LAC_NonHH_FinalReport_09182025.pdf
