



**UGANDA BUREAU OF STATISTICS**



**COUNT TO PLAN**  
*The Wealth of Agriculture to Eradicate Hunger and Poverty*



THE REPUBLIC OF UGANDA

# **UGANDA CENSUS OF AGRICULTURE 2008/2009**



## **VOLUME III AGRICULTURAL HOUSEHOLD AND HOLDING CHARACTERISTICS REPORT**

**December 2010**

# UGANDA CENSUS OF AGRICULTURE 2008/09

## VOLUME III AGRICULTURAL HOUSEHOLD & HOLDING CHARACTERISTICS REPORT

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## FOREWORD

The first Census of Agriculture (CA) in Uganda was conducted during the period of 1963/65, with the assistance of the Food and Agriculture Organisations of the United Nations (FAO) and the then Department of Technical Cooperation of Britain. The second Census of Agriculture (National Census of Agriculture and Livestock) was conducted during 1990/91, although preparatory arrangements had started earlier. That census was funded by the United Nations Development Programme (UNDP) and executed by FAO. The Ministry then responsible for agriculture was the implementing agency. The third and latest in the series is the Uganda Census of Agriculture (UCA 2008/09). Its main objective was to establish a system of Food and Agriculture Statistics (FAS), for providing information and data to inform policy and planning.

This report presents the findings relating to some demographic and social economic characteristics of Agricultural households (Ag HHs), agricultural services, irrigation and water management, agricultural inputs, household food security as well as economic activities and sources of income. The information contained in this report is particularly useful to users and researchers as it will accord them a full understanding of various thematic aspects of agriculture.

The UCA 2008/09 was conducted as a joint effort between the Government of Uganda as the funding agency. The Uganda Bureau of Statistics (UBOS) in close collaboration with the Ministry of Agriculture, Animal Industry and Fisheries (MAAIF) were the implementing agencies. UBOS and MAAIF are extremely grateful to: FAO, the United Kingdom (UK) Department for International Development (DFID) and the Norwegian Agency for Development (NORAD) for providing technical assistance.

Similar gratitude is extended to the national staff, comprised of the headquarter staff (from UBOS and MAAIF), District Supervisors (DSs), Enumerators and other support staff who, formed an effective team. Our gratitude also goes to the numerous farmers who provided the answers to the many questions as well as the District and Local Council (LC) officials who provided guidance to the Enumerators in the sampled areas in all the 80 districts of Uganda (as of July 2007) where the census was successfully conducted.



**John B. Male-Mukasa**  
**EXECUTIVE DIRECTOR**

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## LIST OF ACRONYMS

AM	Agricultural Module
ARS	Agricultural Reporting Service
CA	Census of Agriculture
CsPro	Census and Survey Processing
DFID	Department for International Development, UK
DS	District Supervisor
EA	Enumeration Area
FAO	Food and Agriculture Organisation of the United Nations
FAS	Food and Agriculture Statistics
FY	Financial Year
GDP	Gross Domestic Product
GPS	Global Positioning System device
HH	Household
LC	Local Council
MAAIF	Ministry of Agriculture, Animal Industry and Fisheries
MDG	Millennium Development Goals
NCAL	National Census of Agriculture and Livestock
NDP	National Development Plan
NORAD	Norwegian Agency for International Development
NS	National Supervisor
PCA	Pilot Census of Agriculture
PEAP	Poverty Eradication Action Plan
PHC	Population and Housing Census
PLS&IFs	Private Large Scale and Institutional Farms
PMA	Plan for Modernisation of Agriculture
PPS	Probability Proportional to Size
PSU	Primary Sampling Unit
RDS	Rural Development Strategy
SSASP	Support to Strengthen Agricultural Statistics Project
UBOS	Uganda Bureau of Statistics
UCA	Uganda Census of Agriculture
UCAO	Uganda Census of Agriculture Office
UNDP	United Nations Development Programme
VRS	Village Registration System
WCA	Programme for the World Census of Agriculture

## EXECUTIVE SUMMARY

Prior to the conducting of the Uganda Census of Agriculture (UCA), 2008/09 two (2) other censuses had been conducted. The first CA was conducted during 1963/65. The Government of Uganda was assisted by FAO and the then Department for Technical Cooperation of the United Kingdom both of which provided international and census equipment to a varying degree.

The second CA, called the National Census of Agriculture and Livestock (NCAL), was conducted during 1990/91. It was funded by United Nations Development Programme (UNDP) and executed by FAO. Therefore the UCA 2008/09 formed the third CA in the history of census taking in Uganda.

This report presents the findings relating to Agricultural Households and Holding Characteristics. More specifically, demographic and social economic characteristics of Agricultural households (Ag HHs), Agricultural Services, Irrigation and Water Management, Agricultural Inputs, Household Food Security as well as Economic Activities and Sources of Income. The information contained in this report is particularly useful to users and researchers as it will accord them a full understanding of various thematic aspects of Agriculture.

### ***Demographic and Socio-economic Characteristics of Agricultural Households***

#### **Agricultural Households**

- i). The estimated number of Ag HHs was 3.95 million with the Western Region having the highest percentage (28.5%) while the Central region had the least (20.5%).
  
- ii). The results show that out of the 3.6 million Ag HH heads, 78.9% were Males and 21.1% were Females

#### **Ag HH Population Composition**

- i). The estimated number of Ag HH population was 19.3 million persons. Out of this 50.5 were Males and 49.5 were Females.

#### **Education**

- i). The census results indicate that 16.9 percent of the Ag HH population had *Never been to school*, 61.3 percent had *Primary level education*, 15.6 percent had *Secondary education* while 2.9 percent had attained *Post secondary education*.

#### **Economic Activity**

- i). Crop Production was reported by 45.9 percent of the Ag HH members as the Main Activity while 45.5 percent reported Non-paid Family Worker as the most common Type of Main Activity



### **Membership to Farmers' groups**

- i). An estimated 906,000, Ag HH population, were members of Farmers' Groups. Out of this, 461,986 (51.0%) were males and 444,287 (49.0%) were females.

### ***Agricultural Services***

#### **Agricultural Technology and Extension Services**

- i) Out of 3.6 million Ag HHs that responded to the question, 680,000 (19%) reported having been visited by an Extension Worker during the reference period;
- ii) On average, Ag HHs reported having been visited by an Extension Worker 4 times in the reference period for all regions except the Eastern Region which recorded an average of 3 times

#### **Sources of Agricultural Extension Services**

- i) Radio and Farmer to Farmer were the most important sources through which most Ag HHs received information on agriculture.

#### **Access to Credit**

- i) The results show that only 10 percent of the Ag HHs countrywide accessed credit in the past five years. The Western Region recorded the highest percentage (14.3%) of its Ag HHs that accessed credit followed by the Eastern Region with 9.3 percent while the Northern Region had the lowest percentage (6.2%).
- ii) Out of the 357,014 Ag HHs that reported having accessed credit in the five years preceding the reference period, 271,503 76.0 percent were required to provide Collateral/Security.
- iii) The census results show that out of the 271,503 Ag HHs that were required to provide collateral, 29.1 percent used their Land Titles, followed by Character at 23.1 percent. The least commonly used type of Collateral/Security was Salary with 9.8%.
- iv) The results show that out of the 3.2 million Ag HHs that reported having not accessed credit in the 5 years preceding the reference period, 27.1 percent cited high Interest Rates as the main reason as to why they did not receive loans or credit. Lack of Collateral/Security (20.9%), No need for credit (16.4%) and Ignorance of the existence of facilities (15.1%) were cited as the other major reasons for not having received credit

#### **Means of Transportation**

- a. One of the main findings on the Means of Transportation was that nearly 2.0 million (63.6%) Ag HHs out of 3.0 million, reported Owning a bicycle and this was the most commonly used Means of Transportation.

### **Storage Facilities**

- i. Results indicated that, out of 3.6 million Ag HHs that answered this question, 2.0 million (55.3%) had storage facilities.
- ii. Further, the results revealed that the *In the House* storage facility was the most widely used by the Ag HHs that reported having a storage facility with 21.0 percent. This was followed by *Specific house/room* that was reported by 6.8 percent.

### **Irrigation and Water Management**

#### **Irrigation**

- i). Irrigation was practiced by less than one percent of the Ag HHs that responded;
- ii). This implies that agriculture is mainly rain-fed;
- iii). Total area under irrigation was nearly 7,000 Ha;

#### **Flooding**

- i). Seven (7) percent of Ag HHs reported that their Ag HHs were prone to flooding;
- ii). The Eastern Region was the most affected by this phenomenon;

#### **Drainage on Ag HHs**

- i). Three (3) percent of Ag HHs reported carrying out drainage;
- ii). Most of the drainage was reported by the Eastern Region;
- iii). Thirty-six thousand (36,000) Ha of land were drained across the country;
- iv). Eastern Region had 51.8 percent of the drained area.

### **Household Food Security**

- i). The Census results revealed that out of the estimated 3.6 million Ag HHs that responded to the question, 2.0 million Ag HHs (56.7%) reported that their members were not able to afford eating what they would normally eat during the reference period.
- ii). Overall, the census results revealed that Loss of Crops/Insufficient Production was advanced by 71.4 percent as the major reason for Food Shortage followed by Lack of Adequate capital (19.3%) and Lack of Adequate Land (10.0%).
- iii). The results also showed that Adult Female members of the Ag HH bore the brunt of Food Shortage in the majority of Ag HHs compared to other members. In addition, the Use of Savings to Buy Food and the Getting of Assistance from relatives were the major coping strategies adopted by a majority of Ag HHs for all categories of Ag HH members whereas no Ag HH had child members who Took Out a Loan or Sold Land to Buy Food .
- iv). Most Ag HHs that experienced Food Shortage reported having been affected by Drought and Pests/Diseases with varying extents of loss of agricultural output across regions and that the

majority (71%) of the Ag HHs that experienced Food Shortage expressed fear for Food Shortage during the 12 months after enumeration.

### ***Economic Activities and Sources of Income.***

- i). Out of the 3.6 million Ag HHs that responded, 1.1 million Ag HHs (29.8%) reported undertaking other economic production activities other than agricultural production.
- ii). Out of the 1.1 million Ag HHs with members that undertook Other Economic Production Activities in Uganda, 288,000 (27.0%), 210,000 (19.7%) and 49,000 (4.6%) reported that their respective Male, Female and Children members undertook Other Agricultural Production.
- iii). Out of the Ag HHs with members that undertook Other Economic Production Activities in Uganda, 251,000 (23.6%), 139,000 (13.1%) and 15,000 (1.5%) reported that their respective Male, Female and Children members undertook Wholesale and Retail Trade.
- iv). The results indicated that out of the 3.6 million Ag. HHs in Uganda, 9.2 percent, 21.4 percent and 41.2 percent ranked Income Derived from Economic Production Activities Other Than Agricultural Production as the most important source of income for their Male, Female and Children members respectively.
- v). The results indicated that out of the 3.6 million Ag HHs in Uganda, 3.4 percent, 10.3 percent and 15.4 percent ranked Income from Paid Employment as the Most Important source of income for their Male, Female and Children members respectively.
- vi). Out of the 3.6 million Ag HHs, 55,000 (1.5%) ranked income from Pensions and Investment as their main source of income for their Male members while 3.8 and 6.4 percent did so for their Female and Child Members respectively.
- vii). Out of the 3.6 million Ag HHs, 199,000 (5.6%) ranked internal remittances as their main source of income for their Male members while 5.8 and 10.5 percent did so for their Female and Child Members respectively.
- viii). Out of the 3.6 million Ag HHs, 32,000 (0.9%) ranked income from External remittances as their main source of income for their Male members while 1.4 and 1.7 percent did so for their Female and Child Members respectively.

# CHAPTER ONE

## INTRODUCTION

### 1.1 Background

In Uganda, the agricultural sector is the most important sector of the economy. According to the 2002 Uganda Population and Housing Census (PHC, 2002), the agricultural sector accounted for 73 percent of the total employment for the persons aged 10 years and above. In addition, 74 percent of the households had an agricultural holding as determined from the Agricultural Module which was included in the PHC, 2002. In order to eradicate poverty from the majority of the population in the rural areas, the government established and has been implementing the Plan for Modernisation of Agriculture (PMA) in line with the Poverty Eradication Action Plan (PEAP). In the last eight years the policy environment for the agriculture sector in Uganda has been shaped by the Plan for Modernisation of Agriculture (PMA) which is a multi-sectoral policy framework for agriculture and rural development. The multi-sectoral nature of PMA gave it breadth that agriculture needs to move forward. Its scope covered seven pillars: research and technology development; national agricultural advisory services; rural finance; agro-processing and marketing; agricultural education; physical infrastructure and sustainable natural resource utilisation and management. The PMA implementation mandate spread across 13 ministries and agencies, which among other factors, affected implementation.

In 2005, the Rural Development Strategy (RDS) was formulated with the overall objective of raising household incomes with a focus on the sub-county as a basic unit for planning. In 2006, a much broader vision of Prosperity for All (PFA) and of recent Government formulated the National Development Plan (NDP), 2010/11 - 2014/15. The NDP embodies investment priorities which include: physical infrastructure development mainly in energy, railway, waterways and air transport; Human resources development in areas of education, skills development, health, water and sanitation; facilitating availability and access to critical production inputs especially in agriculture and industry; and promotion of science, technology and innovation. The development approach of the NDP intertwines economic growth and poverty eradication.

Information on the agricultural sector is therefore crucial for monitoring RDS, PFA and the NDP. Further, information is required to monitor some of the Millennium Development Goals (MDGs).

The mandate of the Food and Agriculture Organisation (FAO) of the United Nations is to: collect, analyze, interpret and disseminate information relating to nutrition, food and agriculture. Since its establishment, FAO cooperated with member countries to improve the coverage, consistency and quality of food and agricultural statistics, through the Programme for the World Census of Agriculture (WCA).

The current 2010 WCA is the 9th round in a series of the Censuses of Agriculture (CA) since 1930. FAO has been responsible for preparing guidelines on: concepts, definitions, classifications, methodology, and tabulation plan to help countries plan and carry out their CA

Uganda has so far conducted three Censuses of Agriculture, the third one being the Uganda Census of Agriculture (UCA), 2008/09.

The first CA was conducted during 1963/65. The Government of Uganda was assisted by FAO and the then Department for Technical Cooperation of the United Kingdom both of which provided international consultants and census equipment to a varying degree. Uganda continued to use the 1963 census data and it became clear, with time, that the data was getting out of date. As a result, the Ministry responsible for agriculture depended on two sources of data namely from: sample surveys conducted during 1967 to 1975 and the Agricultural Reporting Service (ARS). The ARS entailed undertaking small-scale surveys to determine mean plot sizes for different crops as well as estimates of number of crop plots planted for each crop as reported by chiefs. It was noted that the estimates obtained were subject to wide margins of errors and resulted in inconsistent time series of crop area and production.

The second CA called the National Census of Agriculture and Livestock (NCAL) was conducted during 1990/91. It was funded by United Nations Development Programme (UNDP) and executed by FAO. Due

to its being contentious, the NCAL results had limited circulation. Clearly, the need for a CA to provide agricultural benchmark data needed for planning purposes and monitoring Government development programmes like Poverty Eradication Action Plan (PEAP) and Plan for Modernisation of Agriculture (PMA) was obvious.

The Uganda Bureau of Statistics (UBOS), in close collaboration with MAAIF, initiated preparatory activities in 2002 to conduct a UCA. The Royal Norwegian Government funded a three-year project entitled 'Support to Strengthen Agricultural Statistics Project' (SSASP), whose main objectives were to develop an Agricultural Reporting Service (ARS), a Village Registration System (VRS), a System of Annual Surveys, initiate preparations for a UCA that was slated for 2004/05 and in particular conduct a Pilot Census of Agriculture (PCA) in 2003.

However, due to lack of funding, it was not possible to conduct the awaited UCA 2004/05. During the Financial Year (FY) 2007/08 however, the Government of Uganda approved the funds for the UCA. FY 2007/08 was regarded as a preparatory year during which census materials/items like computers, UCA instruments and transport equipment were procured.

### **1.1.1 Census Objectives**

The long-term objective of the UCA, 2008/09 was to have a system of Food and Agriculture Statistics (FAS) in place and the UCA was expected to contribute to this.

More specifically, the objectives of the UCA, 2008/09 can be stated as:

- i) Provision of data on the social and economic factors of Uganda's agricultural structure by inter-relating various characteristics of holdings e.g. size of holding by type and factors such as fragmentation, land tenure, land utilisation, crop patterns, use of fertilisers and agro-chemicals, use of farm implements and machinery, farm population and labour force;
- ii) Provision of detailed agricultural data such as number of holdings, total area of holdings, basic pattern of land utilisation, area under crops and extent of irrigation;
- iii) Provision of a benchmark for improving the reliability of current agricultural statistics from annual surveys and administrative sources and for assessing future agricultural development, and,
- iv) Creation and strengthening of the national capacity in agricultural censuses and surveys taking.

### **1.1.2 Scope and Coverage**

The UCA 2008/09 covered all the 80 districts in the country as of July 2007 and a district was the domain of study i.e. census data was disaggregated at district level.

Small and medium scale holdings constituted the sampling frame from which a sample was drawn. It is known that the contribution to production (crop and livestock) by the Private Large-Scale and Institutional Farms (PLS&IFs) is increasing over time. In light of this development, the PLS&IFs were covered on a complete enumeration basis. They were first listed to enable the census office plan better for their enumeration.

The UCA 2008/09 collected data on various structural characteristics of the agricultural holdings such as:

- i) Number and size of holdings,
- ii) Land tenure system,
- iii) Demographic characteristics of the holder and his/her household;
- iv) Use of agricultural labour; and,
- v) Use of implements and farm machinery etc.

Data was also collected on:

- i) Crop area and crop production;
- ii) Livestock numbers and;
- iii) Aquaculture

## **1.2 Census Methodology**

### **1.2.1 Census Organisation**

The Uganda Census of Agriculture Office (UCAO) was headed by a Director (D/UCA) who was assisted by a Deputy. It was divided into two (2) technical units, namely: the Census Technical/ Field Operations and the Data Processing Unit. In particular, the project had:

- i) A UCA Director based in the Agricultural Statistics Section of UBOS;
- ii) A Deputy UCA Director seconded from MAAIF
- iii) Five (5) Statisticians based in the Agricultural Statistics Section of UBOS;
- iv) Two (2) Statisticians based in MAAIF;
- v) Twelve (12) Temporarily recruited Statisticians
- vi) One (1) Technical Officer;
- vii) Short and Long Term, Local and International Consultants.
- viii) A Data Processing Team with a Data Processing Manager, two programmers, four data entry supervisors, one coding supervisors, fourteen coders, and sixty data entrants.

The census was supported by computer expertise and other professionals within UBOS whenever need arose. The UCAO organised and ensured the overall coordination of the census, re enforced and worked hand in hand with District Supervisors. The UCAO staff also acted as trainers and as National Supervisors during the data collection period. The various Technical Teams in UCAO regularly supervised the fieldwork to ensure that it was properly carried out and resolved any field problems.

Besides the staff at the headquarters, there was staff in the field. The first category of this staff was the District Supervisors (DSs). The responsibility of a DS was mainly to follow up on the Enumerator's work; he/she also worked as a District Coordinator. A DS received all forms, checked for errors and advised the Enumerator concerned where to make corrections. Thereafter, he/she stored them at the district headquarters, before forwarding them to UBOS for processing. The DS supervised the Enumerators regularly as well as participating actively during sampling of holdings.

The second category of staff at the district was the Enumerators. These were employed to carry out the enumeration exercise i.e. actual collection of data from the respondents. The number of Enumerators per district depended on the number of EAs selected.

### **1.2.2 Tabulation Plan Preparation**

A Draft Tabulation Plan was prepared, exhaustively studied by the consultants, transformed into Dummy Tables and distributed to stakeholders. The stakeholders were then requested to critically evaluate the tables and suggest priority tables while keeping in mind the main objective of providing essential structural data (number, percentage and area of various items) for government to prepare plans and formulate policies for development.

### **1.2.3 Sample Design**

A stratified two-stage sample design was used for the small and medium-scale household-based agricultural holdings. At the first stage, Enumeration Areas (EAs) were selected with Probability Proportional to Size (PPS), and at the second stage, households which were the Ultimate Sampling Units were selected using systematic sampling. A total of 3,787,487 out of the 5,186,558 households enumerated during the 2002 PHC reported that one or more of their members was/were engaged in an agricultural activity as of September 2002. These households were referred to as "households with agricultural activity" or "agricultural households". The advantage with the Agricultural Module (AM) data used during the PPS sampling process was that it was collected on a universal basis (i.e. complete enumeration of households- synonymous with the core module as per FAOs recommendations).

#### 1.2.4 Questionnaire Design and Other Census Instruments

The principles of validity, optimization and efficiency which refer to ability for the questionnaires to yield more reliable information per unit cost; measured as a reciprocal of the variance of the estimate and enables objective interpretation of the results was followed. While costs involved man hours and money expended for data collection from sampled units, the design of questionnaires had to collect a minimum set of internationally comparable core data(indicators) for Uganda, as enshrined in the pillars of the global strategy for improving agricultural and rural statistics.

#### 1.2.5 Field pre testing of the Census instruments

A Pilot Census of Agriculture (PCA) was conducted in 2003 in the ten districts of Central (Masaka and Wakiso), Eastern (Iganga and Mbale), Northern (Arua, Lira and Nakapiripirit) and Western (Kabale, Kabarole, Masindi), followed by a pre-test in Mityana district during the month of May 2008. The objectives of the pre-test were to further test the suitability of instruments following the revision after the PCA 2003, and to determine field staff workloads.

#### 1.2.6 Training

The headquarter staff involved in the training was drawn mainly from the Agricultural Statistics Sections of UBOS and MAAIF. Training was carried out in three (3) phases, namely:

- i) **Training of trainers:** This entailed headquarter staff to ensure that the trainers when dispatched to various training centres would issue similar instructions.
- ii) **Training of District Supervisors (DSs):** The main reason for carrying out a separate training for the DSs, was to ensure that when different centres of training for the Enumerators were established, the trained DSs would support the headquarter staff in the training. Due to their large number, the DSs were trained in two sessions each of about 60 participants to keep the class size manageable.
- iii) **Training of Enumerators:** This training was mainly facilitated by National Supervisors (NSs) assisted by DSs at eight (8) regional centres namely; Mukono, Jinja, Mbale, Soroti, Lira, Arua, Mbarara, and Kabarole. Five (5) teams were constituted and some trained at more than one venue. The training had an advantage in that those DSs who had missed out or had not completely understood some aspects on the previous training were given another chance to catch up.

Each team of field staff was trained for a period of seven (7) days. Five (5) were mainly for classroom work and the remaining two (2) days were spent on practical demonstrations on field activities, probing techniques and the use of GPS. The training was based on the questionnaires and Instructions Manuals.

Forms trained on had been designed according to various modules for data collection and included the following: The Listing Module, Agricultural Household and Holding Characteristics Module, Crop Area and Production Module and Private Large Scale and Institutional Farms Module.

#### 1.2.7 Community Mobilisation

Radio, Television, Newspapers, Leaflets, T-shirts and Caps were used to create awareness of census activities as well as to mobilise communities and local authorities. This helped in publicising all the field level activities done throughout the reference period. The T-shirts and caps were given to the field staff that included all enumerators, guides countrywide who helped in the listing process in addition to identification of administrative boundaries, District Supervisors and National Supervisors. Radio talk-shows were held to reach out to the communities where data collection took place.



## **1.2.8 Field Supervision and Data Collection**

The UCA Director presided over the day-to-day running of the project and closely monitored field work, including overall supervision. The Deputy Director and the Technical officer specifically hired to manage all the technical aspects of the UCA, working hand in hand with the Principal Statistician and two Senior Statisticians, provided on spot checks, data quality management and a general overview of the supervisory work of questionnaires being administered and collected from the field.

Sixteen teams comprising of Statisticians (National Supervisors) provided technical back-stopping to the filling of the questionnaires right at the field level, acted as trainers and, before questionnaires could be collected at district stores, resolved any problems that arose during field work.

Top level Supervisors were drawn from both UBOS and MAAIF and were involved in supervision so that they could provide supervisory skills but also resolve some problems beyond the capability of NSs.

At every district, there was either a DS or two (2) DSs who acted as front-line supervisors. As such, the DSs were supposed to ensure that the Enumerators followed instructions given during the training and to oversee the overall administration of the census activities at the district level while awaiting National Supervisors who would check on the accuracy of data collected, supervise field activities and return verified and accurately completed questionnaires to head office located at the UBOS offices in Entebbe.

## **1.2.9 Data Management, Processing and Analysis**

Completed questionnaires were continuously returned from the field and there was concurrent collection and processing of data such that, data processing monitored the data quality parameters and data quality team could continuously report to the field operations team who could make feed back to the DSs for improvement. Returned questionnaires were subjected to Coding, Data capture, Editing, Secondary Editing and Quality control.

### **1.2.9.1 Coding**

This involved making sure that all forms/questionnaires had correct geographical identification information and correct crop codes. The coding team reviewed the sampling of holdings within an enumeration area to see that only eligible/sampled holdings were actually enumerated. In addition to the above, it organised the forms belonging to an enumeration area into a batch. Forms in a batch were arranged according to the household serial numbers which eased the work of the data entry operator.

### **1.2.9.2 Data Capture**

Edited/coded forms were delivered to the data entry room(s) where actual data entry took place. The data entry rooms were managed by a data processing supervisor who was also overseeing sixteen data entry operators. The data processing supervisor was in charge of assigning and supervising work of the data entry operators. The operators were in charge of the actual data capture as well as cleaning of any data entry errors that they had generated. To eliminate data entry errors, a double entry system was used. Each round of data capture was done by a different data entrant at different time. Data from both entries was continuously compared until there was no difference between the two. Batches that passed this check were considered free of any data entry errors. The first round of entry was referred to as "main entry" and the second "verification".

### **1.2.9.3 Editing**

This involved the process of identifying inconsistencies within the data and removing them. At the beginning of UCA data processing, a set of editing rules and guidelines were developed by the data processing team with technical guidance from the subject matter specialists. Many of these were incorporated into the data entry application and others were left for the secondary editing stage. Error checks in the entry applications helped the data entry operators to interactively see and correct errors during entry. Errors that were beyond the editors' ability to correct were reported to the supervisors for advice. This greatly contributed to the data collection feedback process which improved the data quality.

#### **1.2.9.4 Secondary Editing**

Errors that passed the data entry stage were subjected to the editing stage. This stage was meant to find inconsistencies within the data. It brought out problems that required subject matter specialists to resolve. To resolve most of such errors, consultations were made with the national supervisors, district supervisors, UBOS and MAAIF technical teams. In a few cases, especially for large farms, direct contacts were made with the respondent.

#### **1.2.9.5 Quality Control**

The UCA hired an external consultant who had very high expertise in data processing. The sole purpose of this was to ensure a very high quality dataset. With the technical help of the consultant, the data processing team was able to develop very strict and efficient quality processing applications. These controlled the flow of questionnaires at the various stages of data processing and as much as possible also eliminated outliers and inconsistencies from the final dataset.

#### **1.2.9.6 Software and Hardware used for data processing**

##### **i) Software**

This was constituted by:

- The Census and Survey Processing (CsPro) application which was used for data capture and management of the information within a batch and for data editing.
- Ms Access and Visual Basic which were used for the general data management
- STATA that was used for data editing, import, export and analysis
- Excel that was used for presentation of results from the analysis

##### **ii) Hardware**

This included Fifty three (53) desktop computers which were fully dedicated to data entry. They were distributed to various laboratories and each laboratory had a central computer “supervisor’s machine” which was in charge of holding and distributing data entry application to the computers attached to it. It was also responsible for receiving data from the individual computers and this was automatically done.

#### **1.2.10 Response Rate**

As already stated, the UCA had several forms, namely UCA form 1: Listing Module; UCA form 2: Agricultural Households and Holding Characteristics Module; UCA form 4: Crop Area Module; UCA form 5: Crop Production Module and UCA form 6: PLS & IFs Module. Overall, the response rate was 93.5 percent.

### **1.3 Funding**

The Government of Uganda funded the census of agriculture 2008/2009, a Pilot Census of Agriculture (PCA) that was carried out in 2003 and a further pre-test conducted in May 2008. Technical assistance was sought from FAO the UK Department for International Development (DFID) and the World Bank during the preparatory and implementation stages while funding from the Royal Norwegian Government was used to include an Agricultural Module in the PHC 2002.

### **1.4 Reliability of Estimates**

The estimates presented in this report were derived from a scientifically selected sample and analysis of survey data was undertaken at national, regional and district levels. Standard Errors (SEs) and Coefficients of Variation (CVs) of some of the variables will be presented in the Annex of the main report to show the precision levels.

## **1.5 Further Analysis**

Further analysis and generation of indices to suit the long term objective of having a Food and Agriculture System (FAS) in place is possible. Originality of the data base has been maintained after the editing processes undertaken by the subject specialist.

## **1.6 Problems Encountered and Constraints**

- Delayed disbursement of funds for field activities impacted negatively on the schedule of field operations.
- Enumerators, District Officials and Security Agencies expressed concern that some areas of Karamoja region were not accessible due to insecurity (cattle rustling). In this regard, seven enumeration areas were not covered in the Karamoja region.
- There was resistance to the listing exercise in some districts. In Masindi, Mubende, and Kyenjojo districts, especially, there were EAs in which listing could not take place due to resistance from households. This impacted negatively on the district estimates and coefficients of variation.
- Bad terrain in mountainous areas and Islands also greatly affected the exercise. Accessibility was difficult in some Eastern parts of the country. In the Bugisu region, this was particularly the case in Bududa and parts of Sironko districts. In the Sebei Region, (Kapchworra and Bukwo Districts) there were also problems, and among the Lake Victoria islands there were difficulties in Kalangala District and the Sigulu Islands.
- Erratic weather patterns and poor roads did not help the situation. Floods disrupted and delayed the data collection exercise in the Karamoja Sub-region where roads were nearly impassable during rainy seasons.

## **1.7 Structure of the Report**

This is Volume 3 in the series of UCA 2008/09 reports. The volume consists of seven chapters, namely, the Introduction, Demographic and Social Characteristics, Agricultural Services, Irrigation and Water Management, Agricultural Inputs, Household Food Security and Other Economic Production Activities and Sources of Income.

## CHAPTER TWO

### DEMOGRAPHIC AND SOCIAL ECONOMIC CHARACTERISTICS

#### 2.1 Introduction

This Chapter presents the findings relating to some demographic and social economic characteristics of the Agricultural households (Ag HHs) such as:

- i) Agricultural Households;
- ii) Legal Status of the Holding;
- iii) Ag HHs classified by sex of HH head;
- iv) Ag HHs population composition by age and sex;
- v) Relationship of Ag HH members to Ag HH head;
- vi) Marital status of Ag HH heads;
- vii) Educational Attainment of Ag HH members;
- viii) Literacy Status of Ag HH members;
- ix) Economic Activities of Ag HH members;
- x) Management of Crop Plots by Ag HH members;
- xi) Receipt of Credit by Ag HH members; and,
- xii) Membership to Farmers' Groups.

#### 2.2 Agricultural Households

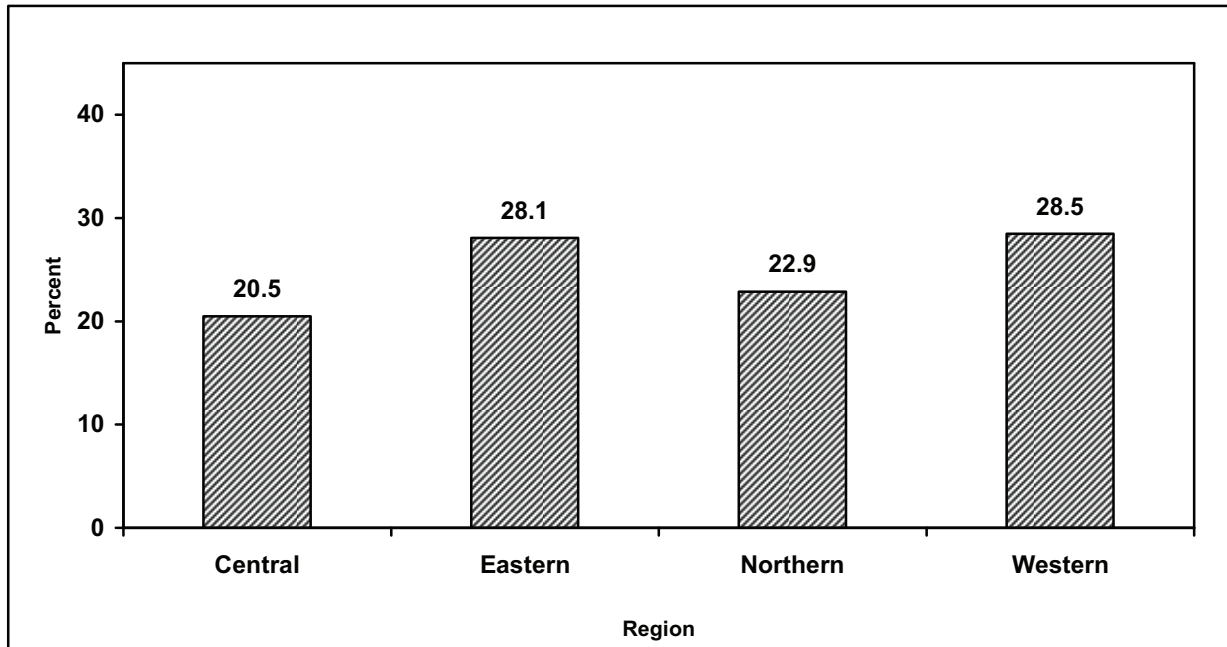
The estimated number of Ag HHs was 3.95 million. Out of this, the Western Region had the highest percentage (28.5 %) closely followed by the Eastern Region with 28.1 percent while the Central Region had the least (20.5 %).

The details are shown in Table 2.1 and Figure 2.1 and district level data is provided in Annex 1 Table A2.1.

**Table 2.1: Distribution of Ag HHs by Region**

Region	Number of Ag HHs	%
Central	807,173	20.5
Eastern	1,108,909	28.1
Northern	904,931	22.9
Western	1,124,740	28.5
<b>Uganda</b>	<b>3,945,753</b>	<b>100</b>

**Figure 2.1: Percentage Distribution of Ag HHs by Region**



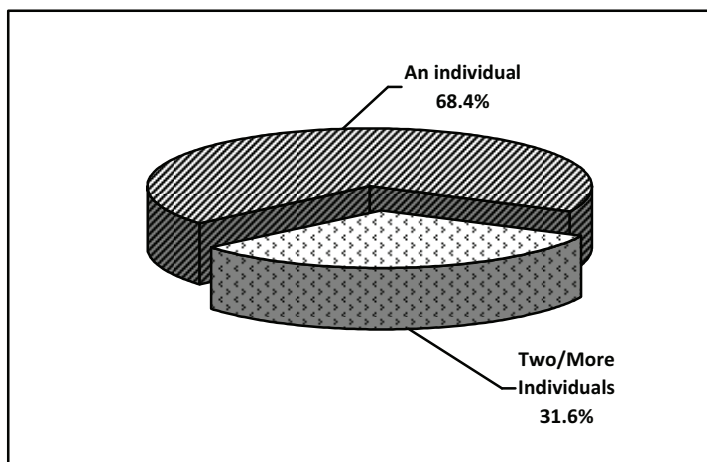
### **2.3 Legal status of Holder**

The legal status of holder is important as it contributes to decision making regarding: where, when, what, and how to plant/produce on the holding as well as resource and inputs required for agricultural production. Two (2) kinds of Legal status are covered. i.e. An Individual and Two/More Individuals at Household level.

The results indicated that out of 3.5 million Ag holders that gave information on their legal status, 68.4 percent of the holders reported operating as An Individual and 31.6 percent as Two/More Individuals holders.

The details are shown in Table 2.2, Figures 2.2 and 2.3 and district level data is provided in Annex 1 Table A2.2.

**Figure 2.2: Percentage Distribution of Holders' Legal Status**

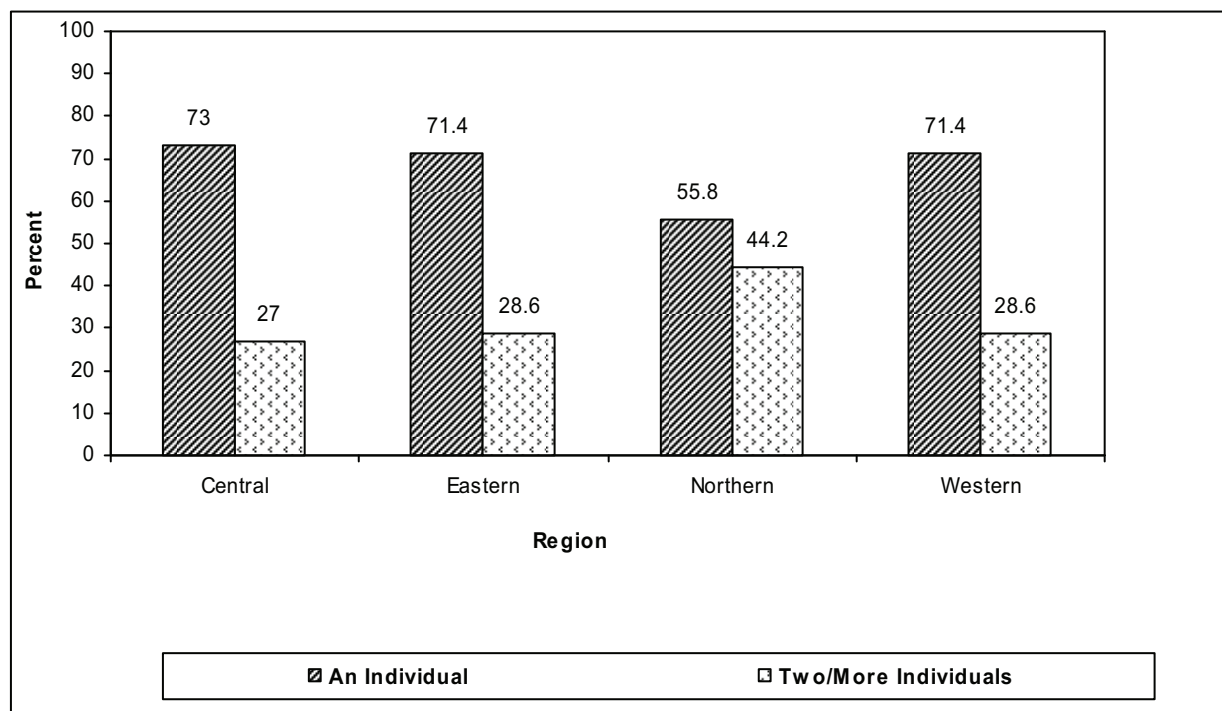


The results show that in all the regions, at least 70 percent of their holders operated as Individuals except the Northern Region which had 55.8 percent. The Northern Region hence, had the largest percentage (44.2%) of its Ag Holders as Two/more Individual holders.

**Table 2.2: Percentage Distribution of Holders by Legal Status and Region**

Region	Legal Status of Holders					
	An Individual		Two/More Individuals		Total	
	Number	%	Number	%	Number	%
Central	505,907	73.0	187,165	27.0	693,072	100
Eastern	742,427	71.4	297,067	28.6	1,039,494	100
Northern	405,921	55.8	321,958	44.2	727,879	100
Western	720,327	71.4	288,550	28.6	1,008,877	100
<b>Uganda</b>	<b>2,374,582</b>	<b>68.4</b>	<b>1,094,739</b>	<b>31.6</b>	<b>3,469,321</b>	<b>100</b>

**Figure 2.3: Percentage Distribution of Holders by Legal Status and Region**



## 2.4 Ag HHs classified by Sex of HH Head

Out of about 3.6 million Ag HHs with information on the sex of HH head, 2.8 million (78.9%) and 754,000 (21.1%) were Male and Female headed respectively.

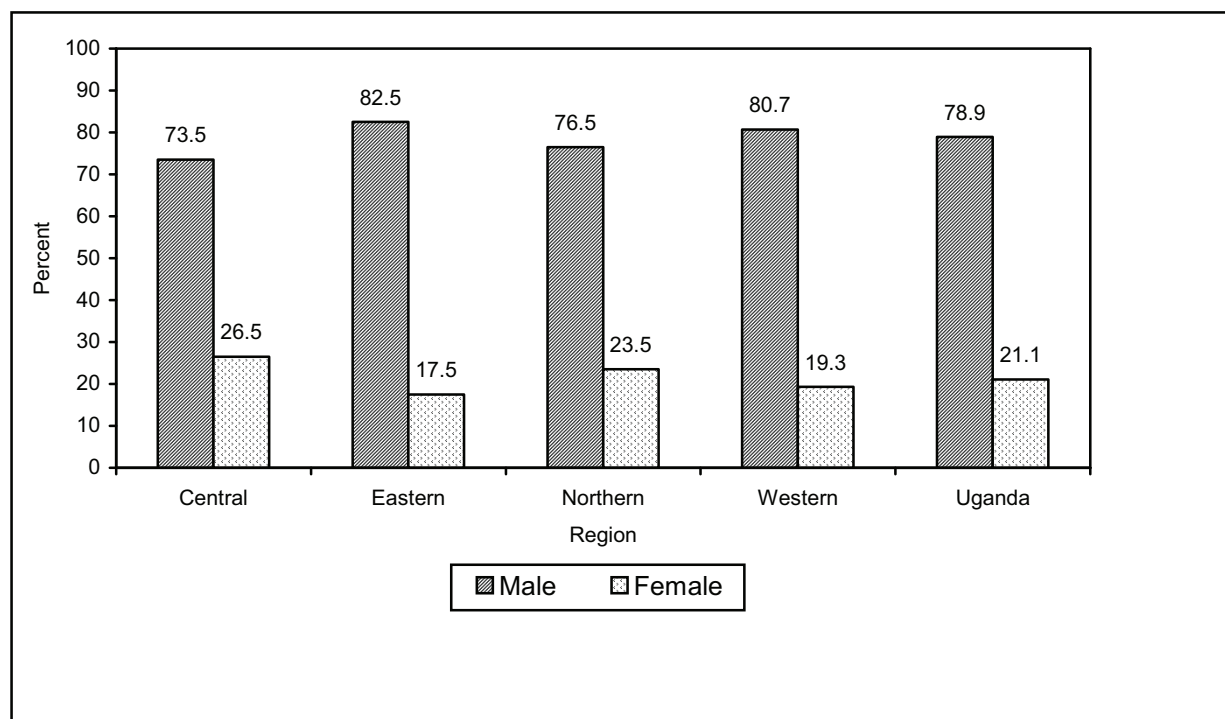
In every region, over 70 percent of Ag HH heads were males with the Eastern and the Western Regions having highest percentage of 82.5 and 80.7 percent respectively. The Eastern Region had the least percentage (17.5%) of its Ag HH heads as female.

The details are provided in Table 2.3 and Figure 2.4

**Table 2.3: Ag HH Heads by Sex and Region**

Region	Male Headed Ag HHs		Female Headed Ag HHs		Total	
	Number	%	Number	%	Number	%
Central	525,964	73.5	189,522	26.5	715,486	100
Eastern	882,449	82.5	187,436	17.5	1,069,885	100
Northern	577,802	76.5	177,899	23.5	755,701	100
Western	834,857	80.7	199,136	19.3	1,033,993	100
<b>Uganda</b>	<b>2,821,070</b>	<b>78.9</b>	<b>753,994</b>	<b>21.1</b>	<b>3,575,065</b>	<b>100</b>

**Figure 2.4: Percentage Distribution of Ag HH Heads by Sex and Region**





## 2.5 Ag HH Population Composition by Age and Sex

This section presents information on the population of Ag HHs as well as the distribution of Age and Sex in that population.

### 2.5.1 Ag HH Population Composition by Sex

The UCA results estimated that 19.3 million persons lived in Ag HHs and out of this, 50.5 percent were males and 49.5 percent were females. The Eastern Region had the highest number (6.2 million or 32.4%) of the Ag HHs population, followed by the Western Region with 5.5 million (28.6%) while the Central Region had the least 3.4 million (17.5%).

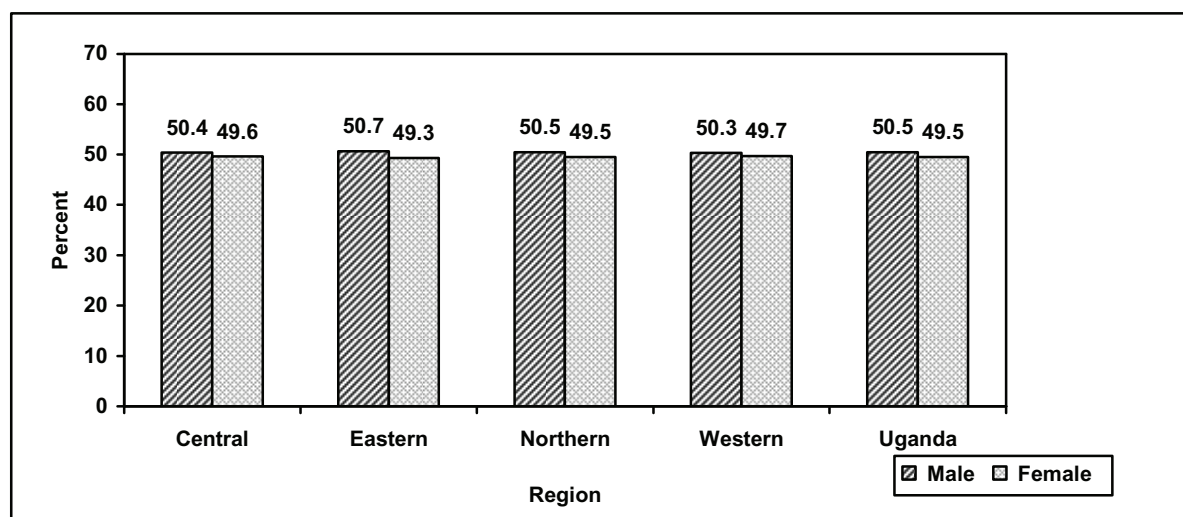
An analysis of regional distribution revealed that there were no significant differences between the male and female Ag HH population within regions. All regions had about the same percentages of males and females in the Ag population.

The details are provided in Table 2.4, Figure 2.5 and the district level data is provided in Annex 1 Table A2.3.

**Table 2.4: Percentage Distribution of Ag HH Members by Sex and Region**

Region	Sex				Total	
	Male		Female		Number	%
	Number	%	Number	%		
Central	1,702,950	50.4	1,674,276	49.6	3,377,226	100
Eastern	3,165,311	50.7	3,077,567	49.3	6,242,878	100
Northern	2,085,847	50.5	2,044,220	49.5	4,130,067	100
Western	2,768,920	50.3	2,735,132	49.7	5,504,052	100
<b>Uganda</b>	<b>9,723,027</b>	<b>50.5</b>	<b>9,531,196</b>	<b>49.5</b>	<b>19,254,223</b>	<b>100</b>

**Figure 2.5: Percentage Distribution of Ag HH Members by Sex and Region**



## 2.5.2 Ag HH Population Composition by Age and Sex

This section shows the population distribution of all Ag HH members using ten-year age group intervals. Out of the 18.9 million Ag HH members whose ages were indicated, 6.0 million (32.0 %) were in the age bracket 0-10 years; 5.2 million (27.7 %) were in the age bracket 11-20 years; 2.8 million (14.7 %) were in the age bracket 21-30 years; 2.0 million (10.8 %) were in the age bracket 31-40 years; 1.3 million (6.9 %) were in the age bracket 41-50 years; 0.7 million (3.9 %) were in the age bracket 51-60 years and 0.8 million (4.0 %) were in the age bracket 61 years and above. It is worthy noting that this population structure is bulky at the bottom and thinner as one moves to a higher age bracket.

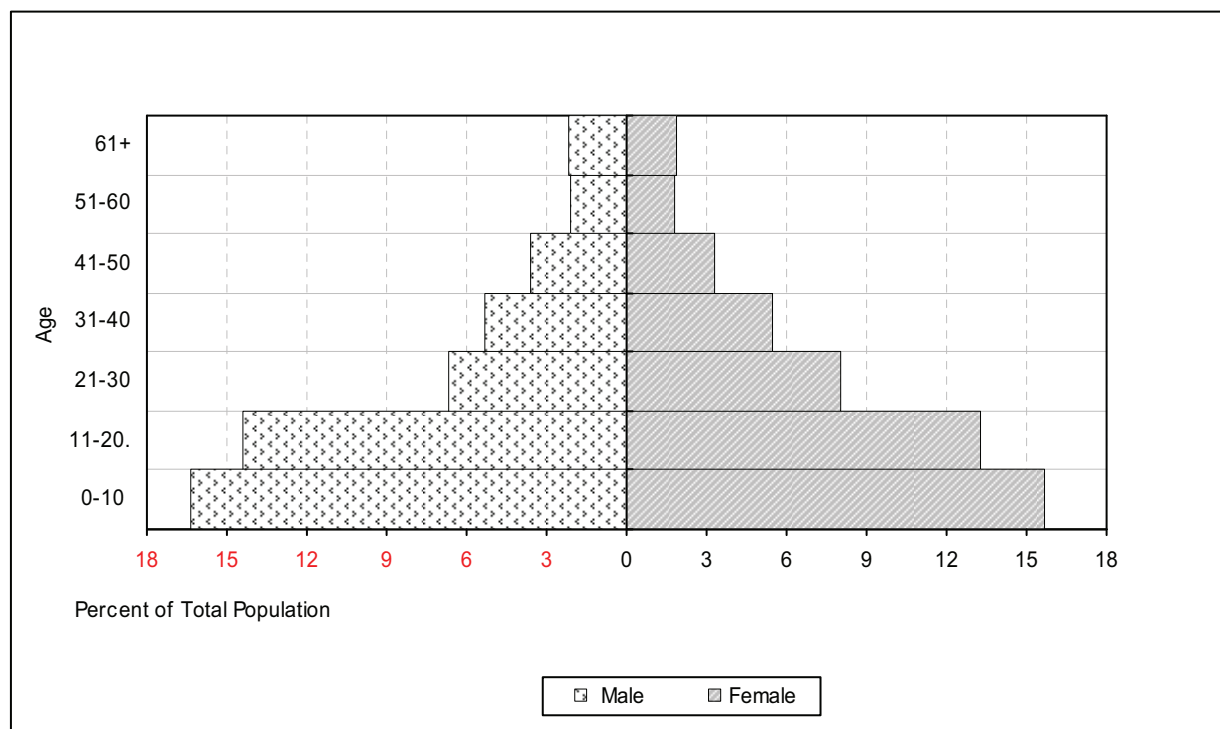
The regional distribution revealed that there were no significant differences between the male and female Ag HH population in the different age-groups within regions.

The details are provided in Table 2.5, Figure 2.6 and the district level data is provided in Annex 1 Table A2.4.

**Table 2.5: Percentage Distribution of Ag HH Members by Age group, Sex and Region**

Region	Age and Sex													
	0-10		11-20'		21-30		31-40		41-50		51-60		61+	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Central	16.9	16.6	17.8	18.0	15.3	15.8	17.7	18.5	19.9	19.5	19.3	20.3	18.9	21.4
Eastern	36.3	36.1	31.9	31.8	30.4	30.8	30.4	29.7	31.3	29.0	29.2	29.2	31.1	29.9
Northern	20.5	20.1	21.2	21.0	23.2	22.9	21.1	22.1	20.4	21.9	21.6	20.3	19.1	17.2
Western	26.3	27.2	29.1	29.2	31.1	30.5	30.8	29.7	28.4	29.6	29.9	30.2	30.9	31.5
<b>TOTAL</b>	<b>100</b>	100	100	100	100	100	100	100	100	100	100	100	100	100
<b>UG ('000)</b>	<b>3080</b>	<b>2960</b>	<b>2711</b>	<b>2509</b>	<b>1263</b>	<b>1517</b>	<b>1002</b>	<b>1028</b>	<b>678</b>	<b>616</b>	<b>392</b>	<b>344</b>	<b>404</b>	<b>358</b>

**Figure 2.6: Ag HH Population Pyramid**



## 2.6 Relationship of Ag HH members to Ag HH Head

The results show that out of the 19.3 million members of the Ag HHs, the highest percentage (56.3 %) of Ag HH members according to their relationship to Ag HH head were reported to be Son/Daughter followed by Spouse (13.9 %) while the least were Non-Relatives (0.7 %).

At regional level, compared to other regions, the Eastern Region had the highest percentages for all categories of relationship to Ag HH head while the Central had the least for the same.

The details are provided in Table 2.6 and Figure 2.7 and the district level data is provided in Annex 1 Table A2.5.

**Table 2.6: Percentage Distribution of Ag HH Members by Region and Relationship to the Ag HH Head**

Region	Relationship to Ag HH Head					
	Head	Spouse	Son/Daughter	Parent	Other Relatives	Non-Relatives
Central	20.0	16.7	15.8	12.6	23.8	32.3
Eastern	29.9	32.1	33.5	33.7	31.7	19.0
Northern	21.2	21.9	21.5	29.2	20.8	16.4
Western	28.9	29.3	29.2	24.5	23.7	32.3
Total	100	100	100	100	100	100
<b>Uganda</b>	<b>3,575,064</b>	<b>2,673,752</b>	<b>10,803,181</b>	<b>174,777</b>	<b>1,832,192</b>	<b>135,028</b>

**Figure 2.7: Percentage Distribution of Ag HH Members by Relationship to the Ag HH Head**



## 2.7 Marital status of Ag HH Heads

Out of the total 3.6 million Ag HH heads that revealed their marital status, 74.2 percent were married, 14.3 percent were Widowed and not Remarried and 3.8 percent had Never Married.

All the regions had at least 75 percent of their Ag HH heads as Married except the Central region which had 63 percent. It is worthy noting, again, that the Central Region had the largest percentages of Never Married (6.3 %), Widowed and Not Remarried (16.6 %), Divorced and not Remarried (6.4 %) and Married but Separated (7.7 %) of its Ag HH Heads.

The details are provided in Table 2.7 and Figure 2.8

**Table 2.7: Percentage Distribution of Ag HH Heads by Marital Status and Region**

Region	Marital Status					Total	Number
	Never Married	Married	Widowed & Not Remarried	Divorced & not remarried	Married but Separated		
Central	6.3	63.0	16.6	6.4	7.7	100	711,265
Eastern	2.4	78.7	13.3	2.7	2.9	100	1,064,229
Northern	3.6	77.0	12.4	3.3	3.7	100	749,190
Western	3.8	75.2	15.1	2.4	3.5	100	1,027,097
<b>Uganda</b>	<b>3.8</b>	<b>74.2</b>	<b>14.3</b>	<b>3.5</b>	<b>4.2</b>	<b>100</b>	<b>3,551,781</b>

**Figure 2.8: Percentage Distribution of Ag HH Heads by Marital Status**



## 2.8 Educational Attainment of Ag HH members

The census results revealed that out of 16.9 million Ag HH members with information on educational status, 16.9 percent had Never been to school, 61.3 percent had Primary level Education, 15.6 percent had Secondary Education while 2.9 percent had Post secondary Education.

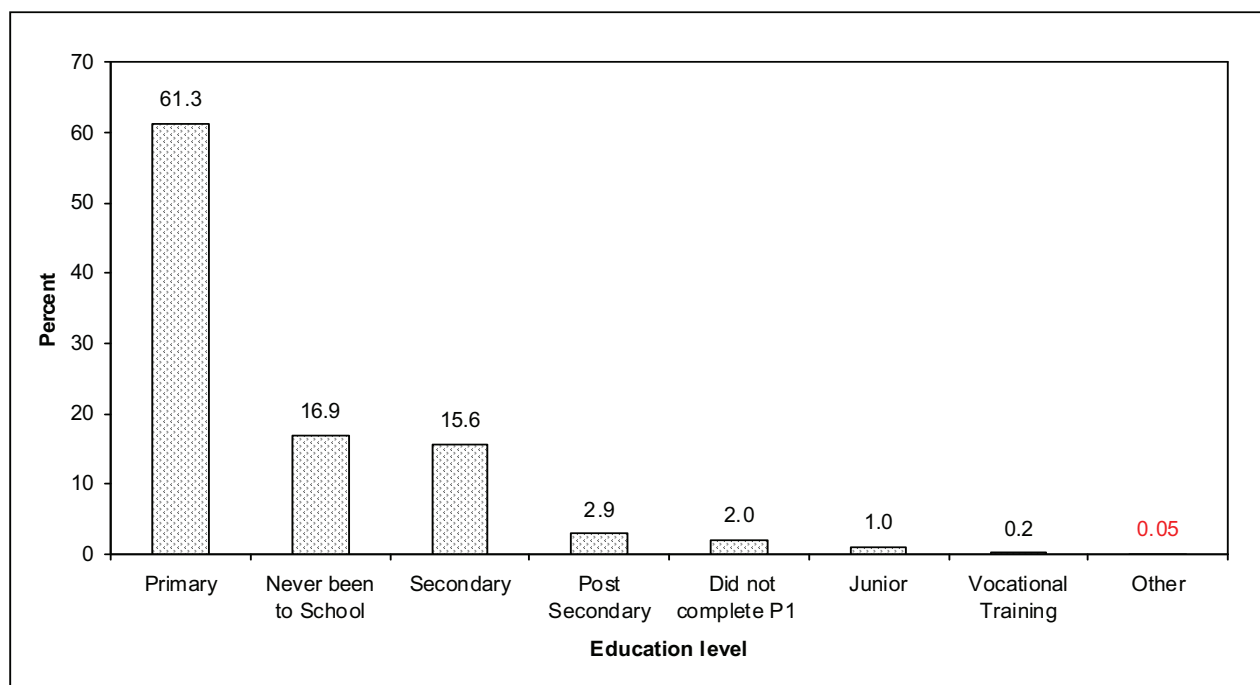
In terms of regions, the Northern Region with 26.3 percent had the highest percentage of its Ag HH members who had Never been to School. All regions had at least 60 percent of their Ag population having Primary Education except the Northern Region which had 57.6 percent. The Central Region had the highest percentage (20.7 %) of its Ag HH members with Secondary Education while the Northern Region had the least (10.4 %).

The details are provided in Table 2.8, Figure 2.9 and the district level data is provided in Annex 1 Table A2.7.

**Table 2.8: Percentage Distribution of Ag HH members by Highest Education Level completed and Region**

Region	Level of Education								Total	Number (000')
	Never been to School	Did not complete P1	Primary	Junior	Secondary	Post Secondary	Vocational Training	Other		
Central	11.8	2.6	60.0	1.3	20.7	3.5	0.1	0.03	100	2,996
Eastern	15.3	1.8	63.1	0.8	16.2	2.7	0.1	0.03	100	5,356
Northern	26.3	2.1	57.6	1.3	10.4	2.0	0.3	0.05	100	3,644
Western	14.9	2.0	63.0	0.9	15.5	3.5	0.2	0.06	100	4,859
<b>Uganda</b>	<b>16.9</b>	<b>2.0</b>	<b>61.3</b>	<b>1.0</b>	<b>15.6</b>	<b>2.9</b>	<b>0.2</b>	<b>0.05</b>	<b>100</b>	<b>16,855</b>

**Figure 2.9: Percentage Distribution of Ag HHs members by Highest Education Level completed.**



## 2.9 Literacy Status of Ag HH members

During the UCA 2008/09, data was collected on literacy of Ag HH members. The estimated number of Ag HH members who responded to the question on literacy was 13.5 million. Out of this, 9.3 million (69.1 %) reported Could Read and Write, and 4.2 million (30.9 %) reported Could not Read and Write. Out of the 9.3 million who reported Could Read and Write, 5.1 million (55.1 %) were male members while 4.2 million (44.9 %) were Female members.

The regional distribution indicated that out of all the Ag HH members who Could Read and Write, the Northern Region had the highest of percentage (59.4 %) of its Ag HH population that were literate as males compared to the other regions which had between 52 percent and 56 percent. The Central Region had the highest percentage (48 %) of its Ag HH members who Could Read and Write as females. The details are provided in Tables 2.10 as well as Figure 2.10 and the districts estimates in Annex Table A2.8.

The details are provided in Tables 2.9 and 2.10 and Figure 2.10. The district level data is provided in Annex 1 Table A2.8.

**Table 2.9: Percentage Distribution of Ag HH Members' Literacy by Sex**

Sex	Literacy			
	Can read and write		Cannot read and write	
	Number	%	Number	%
Male	5,132,294	55.1	1,672,374	40.1
Female	4,182,003	44.9	2,499,097	59.9
<b>Uganda</b>	<b>9,314,297</b>	<b>100</b>	<b>4,171,471</b>	<b>100</b>

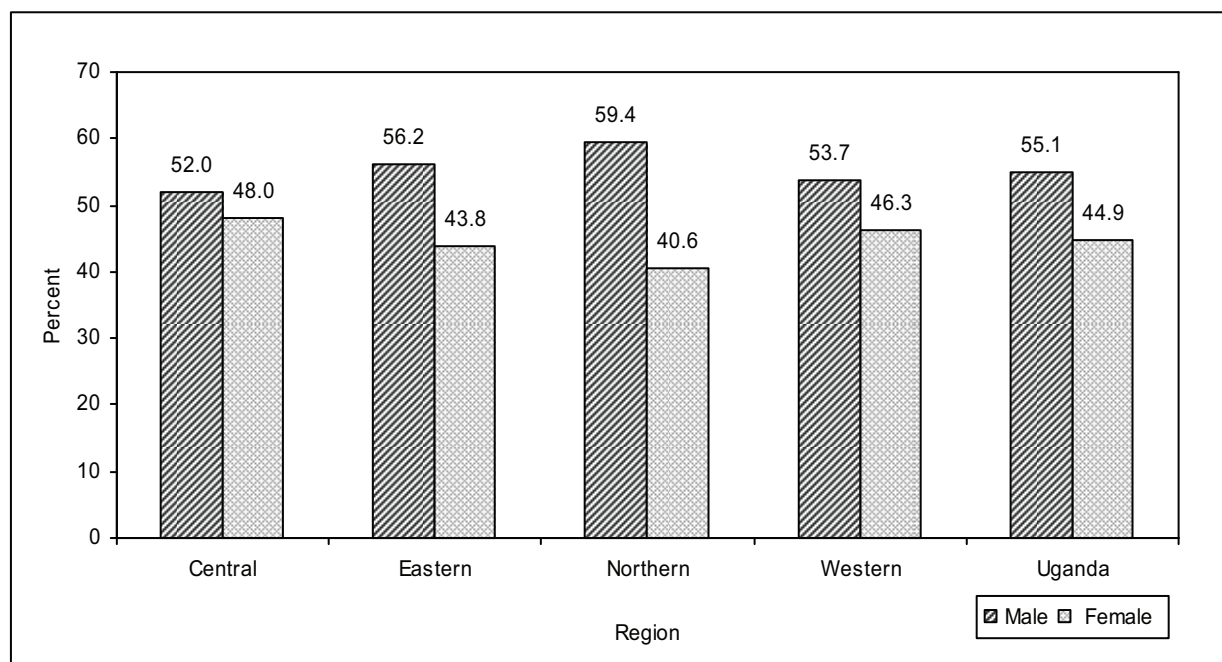
\*Members considered were aged 10+ years

**Table 2.10: Percentage Distribution of Ag HH Members who Can Read and Write by Sex and Region**

Region	Can Read and Write					
	Male		Female		Total	
	Number	%	Number	percent	Number	percent
Central	997,787	52.0	921,570	48.0	1,919,357	100
Eastern	1,515,705	56.2	1,183,328	43.8	2,699,033	100
Northern	1,001,129	59.4	684,614	40.6	1,685,743	100
Western	1,617,672	53.7	1,392,491	46.3	3,010,163	100
<b>Uganda</b>	<b>5,132,294</b>	<b>55.1</b>	<b>4,182,003</b>	<b>44.9</b>	<b>9,314,297</b>	<b>100</b>

\*Members considered were aged 10+ years

**Figure 2.10: Percentage Distribution of of Ag HH Members who Can Read and Write by Sex and Region**



### 2.9.1 Literacy Status of Ag HH Heads

Out of about 3.5 million Ag HH heads that responded to the question on literacy, 68.7 percent Could Read and Write. Among the literate Ag HH heads, 87.3 percent were males and 12.7 percent females.

Compared to other regions the Eastern Region had the highest percentage (91 %) of its Ag HH heads that could Read and Write as males while Central Region had the highest (20 %) of its Ag HH heads that Could Read and Write as females.

The details are provided in Tables 2.11 and the district level data is provided in Annex 1 Table A2.8.



**Table 2.11: Percentage Distribution of Ag HH Heads who Can Read and Write by Sex and Region**

Region	Can Read and Write					
	Male		Female		Total	
	Number	%	Number	%	Number	%
Central	428,222	80.0	106,885	20.0	535,107	100
Eastern	633,107	91.0	62,827	9.0	695,934	100
Northern	400,013	88.3	52,885	11.7	452,898	100
Western	632,884	88.4	83,266	11.6	716,150	100
<b>Uganda</b>	<b>2,094,227</b>	<b>87.3</b>	<b>305,863</b>	<b>12.7</b>	<b>2,400,090</b>	<b>100</b>

## 2.10 Economic Activities of Ag HH members;

An activity refers to work or industry undertaken by a person for gainful or non gainful purpose. A person may be engaged in more than one activity and in that case the most important activity according to time spent and not the monetary gain is Main activity and the next important would be Secondary. For any Activity that one engages in, there is a status in employment. Status in employment maybe categorised as: Own Account worker, Employer, paid worker etc. During the census, information was collected on Main and Secondary activities carried out by Ag HH members.

### 2.10.1 Main Activity

#### Main Activity for Ag HH members

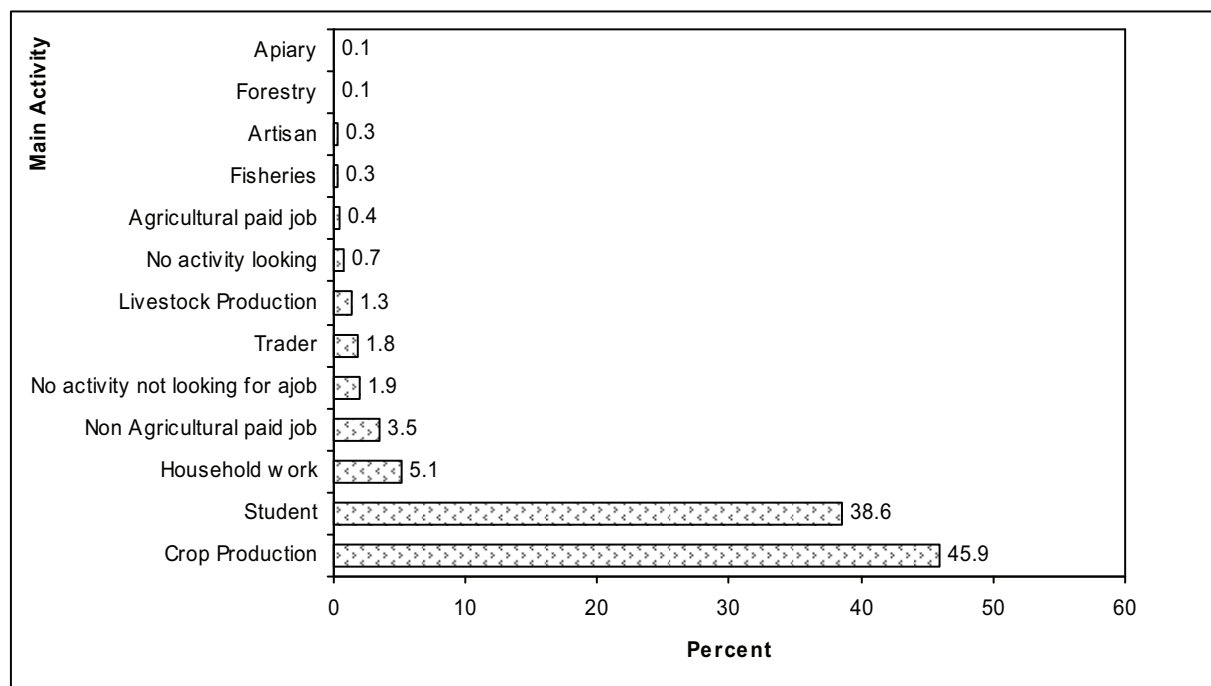
During the UCA, Ag HH members were asked if they had any Main Activity. The census results showed that those who responded to the question were estimated to be 14.4 million. Further, the results revealed that Crop Production was reported with the highest percentage (45.9 %) of Ag HH members and was followed by Students (38.6 %) and HH work (5.1 %). Forestry and Apiary were both reported least, with 0.1 percent.

The details are provided in Tables 2.12, Figure 2.11 and the district level data is provided in Annex 1 Table A2.9.

**Table 2.12: Percentage Distribution of Ag HH Members by their Main Activity by Region**

Region	Main Activity													Total	Number ('000)
	Crop Production	Livestock Production	Fisheries	Forestry	Trader	Artisan	Agricultural paid job	Non Agricultural paid job	No activity looking	No activity not looking for a job	Student	Household work	Apiary		
Central	41.2	1.5	0.4	0.1	3.1	0.4	0.6	4.5	0.9	1.6	41.5	4.1	0.1	100	2,577
Eastern	46.8	0.8	0.3	0.1	1.2	0.2	0.2	3.4	0.5	1.3	40.8	4.3	0.1	100	4,453
Northern	50.8	1.7	0.3	0.2	1.0	0.3	0.2	2.3	0.5	4.2	29.4	8.8	0.3	100	3,108
Western	44.4	1.2	0.3	0.2	2.3	0.5	0.7	3.6	0.9	1.1	41.1	3.7	0.0	100	4,264
<b>Total</b>	<b>45.9</b>	<b>1.3</b>	<b>0.3</b>	<b>0.1</b>	<b>1.8</b>	<b>0.3</b>	<b>0.4</b>	<b>3.5</b>	<b>0.7</b>	<b>1.9</b>	<b>38.6</b>	<b>5.1</b>	<b>0.1</b>	<b>100</b>	<b>14,402</b>

**Figure 2.11: Percentage Distribution of Ag HH Members by their Main Activity**



### Main Activity for Ag HH Heads

Overall, about 80.8 percent of Ag HH heads were engaged in Crop production, seven (7.0) percent in Non-Agricultural paid job and 4.6 percent in Trade, and the least percentage 0.1 percent stated Student as their Main activity.

The Regional distributions showed that Crop Production was the most frequent Main activity for Ag HH heads with over 80 percent within all the regions except the Central Region with 73.6 percent. Non Agricultural Paid Job was second most frequent Main Activity.

The details are shown in Table 2.13 and the district level data is provided in Annex 1 Table A2.10.

**Table 2.13: Percentage Distribution of Ag HH Heads by their Main Activity**

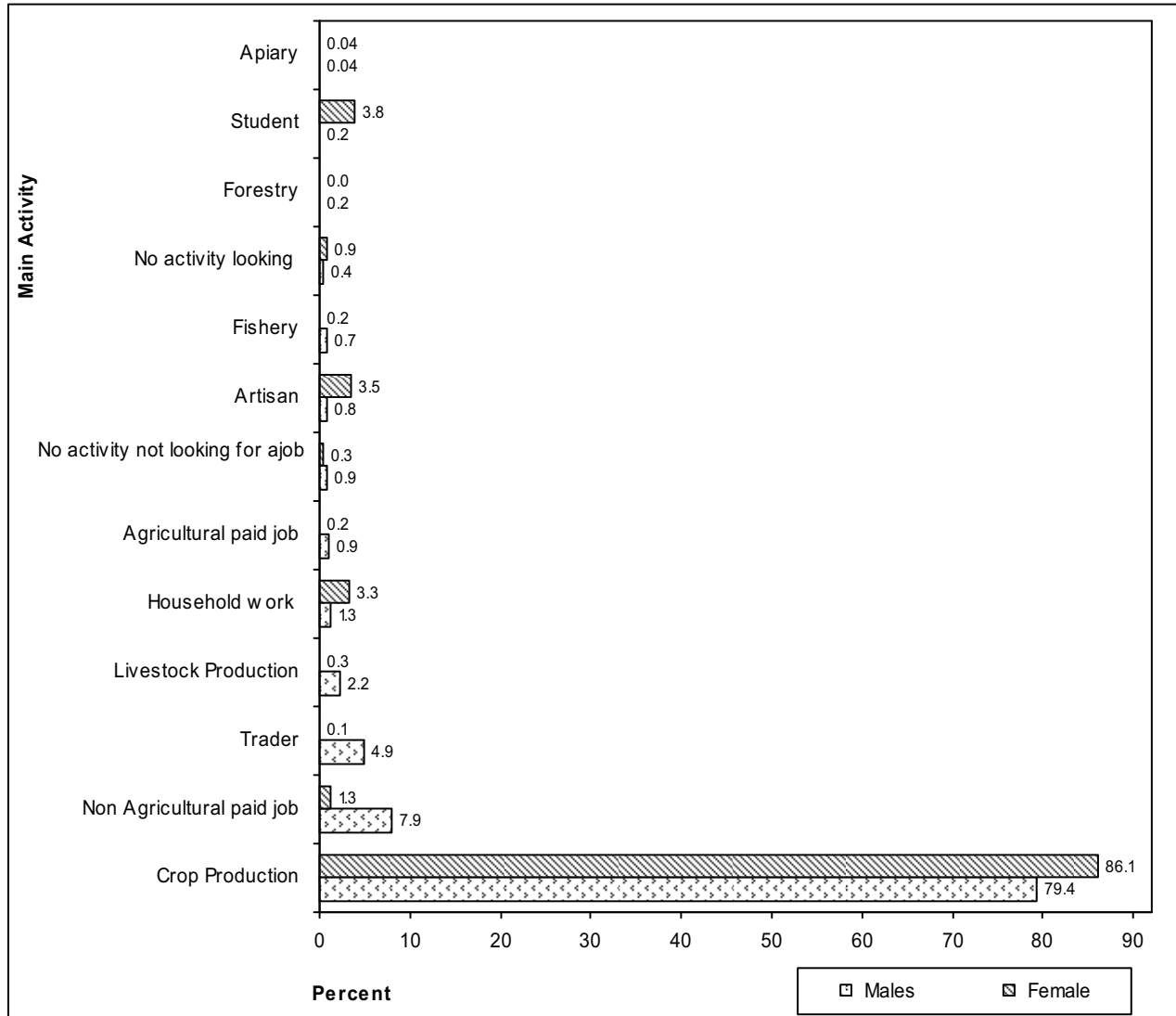
Region	Main Activity													Total	Number (000 <sup>y</sup> )
	Crop Production	Student	Household work	Non Agricultural paid job	No activity not looking for a job	Trader	Livestock Production	No activity looking	Agricultural paid job	Artisan	Fishery	Forestry	Apiary		
Central	73.6	0.1	0.9	9.7	1.1	8.7	2.4	0.4	1.1	0.8	0.8	0.3	0.1	100	709
Eastern	84.2	0.1	1.0	7.3	0.7	3.3	1.1	0.3	0.6	0.5	0.7	0.2	0.0	100	1,061
Northern	83.5	0.2	4.0	5.1	1.2	1.7	2.7	0.3	0.1	0.4	0.6	0.1	0.1	100	750
Western	80.1	0.1	1.8	6.3	0.8	5.2	2.1	0.5	1.3	1.1	0.4	0.3	0.0	100	1,024
<b>Total</b>	<b>80.8</b>	<b>0.1</b>	<b>1.8</b>	<b>7.0</b>	<b>0.9</b>	<b>4.6</b>	<b>2.0</b>	<b>0.4</b>	<b>0.8</b>	<b>0.7</b>	<b>0.6</b>	<b>0.2</b>	<b>0.1</b>	<b>100</b>	<b>3,544</b>

Given the gender aspects, different sexes are engaged more in particular activities. The results show that there is a higher percentage (86.1 %) of female Ag HH heads involved in *Crop Production* than their male

counterparts (79.4 %). The results further show that Male Ag HH heads dominated in all the *Main Activities* except in *Crop production* and *HH work* where more females Ag HH heads dominated.

The details are shown in Figure 2.12.

**Figure 2.12: Percentage Distribution of Ag HH Heads' Main Activity by Sex**



## 2.10.2 Type of Main Activity

This refers to the status of an economically active person, with respect to the type of employment contract the person had with his/her job. In other words, it refers to the characteristics of a particular job i.e. *Own Account Worker; Employer; Paid Worker; Non-Paid Family Worker; and Task Workers*.

### Type of Main Activity for Ag HH members

For each Ag HH member who stated a Main Activity he/she was engaged in, information was collected on the Type of Main Activity. Out of the 9.7 million Ag HH members who responded to this question, 45.5 percent reported Non-paid Family Worker as their Type of Main Activity closely followed by Own account worker with 44.2 percent while the least stated was Employer (0.9 %).

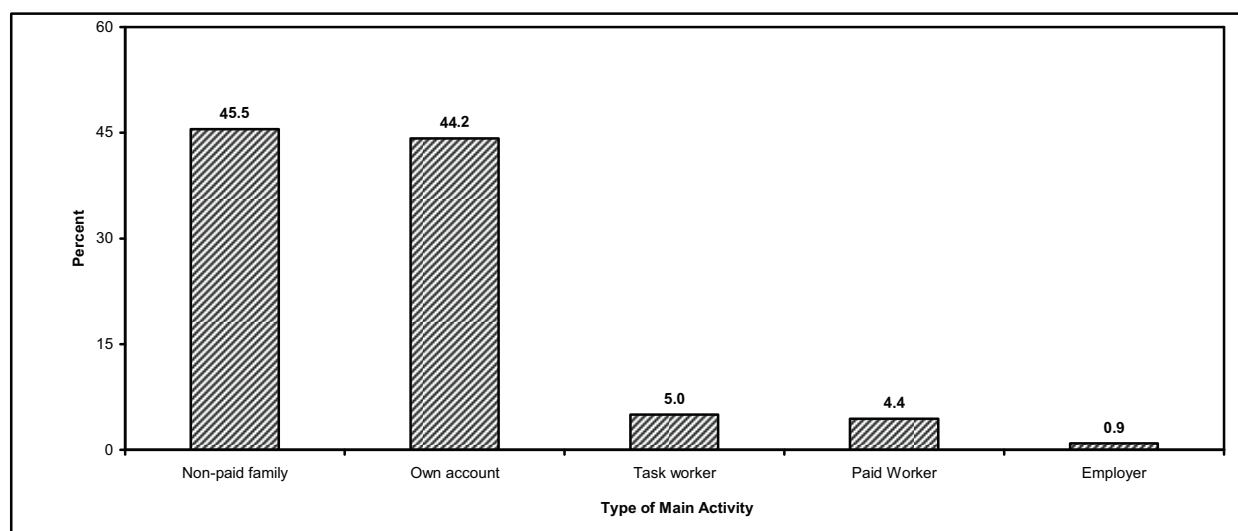
The regional distribution revealed that the Eastern and Northern Regions had the highest percentages (50.7 percent and 56 %) of Ag HH members as Non-paid family worker respectively. Own Account workers were the most reported in the Central and Western Regions with 50.6 and 52.5 percent of Ag HH members respectively.

The details are provided in Tables 2.14, Figure 2.13 and the district level data is provided in Annex 1 Table A2.11.

**Table 2.14: Percentage Distribution of Ag HH Members by Type of Main Activity**

Region	Type of Main Activity					Total	Number (000')
	Own Account	Employer	Paid Worker	Non-paid family	Task worker		
Central	50.6	1.2	6.5	35.6	6.1	100	1,679
Eastern	40.7	0.6	3.7	50.7	4.3	100	2,961
Northern	34.3	1.0	2.3	56.0	6.4	100	2,334
Western	52.5	1.1	5.6	36.9	3.9	100	2,749
<b>Total</b>	<b>44.2</b>	<b>0.9</b>	<b>4.4</b>	<b>45.5</b>	<b>5.0</b>	<b>100</b>	<b>9,723</b>

**Figure 2.13: Percentage Distribution of Ag HH Members by Type of Main Activity**



## Type of Main Activity for Ag HH heads

An estimated 3.4 m Ag HH heads who stated their Main Activity also provided information on their Type of Main Activity. About sixty three (63.3 %) percent of Ag HH heads stated that they were Own Account workers, 26.0 percent were Non-Paid Family Workers while only 1.4 percent were Employers.

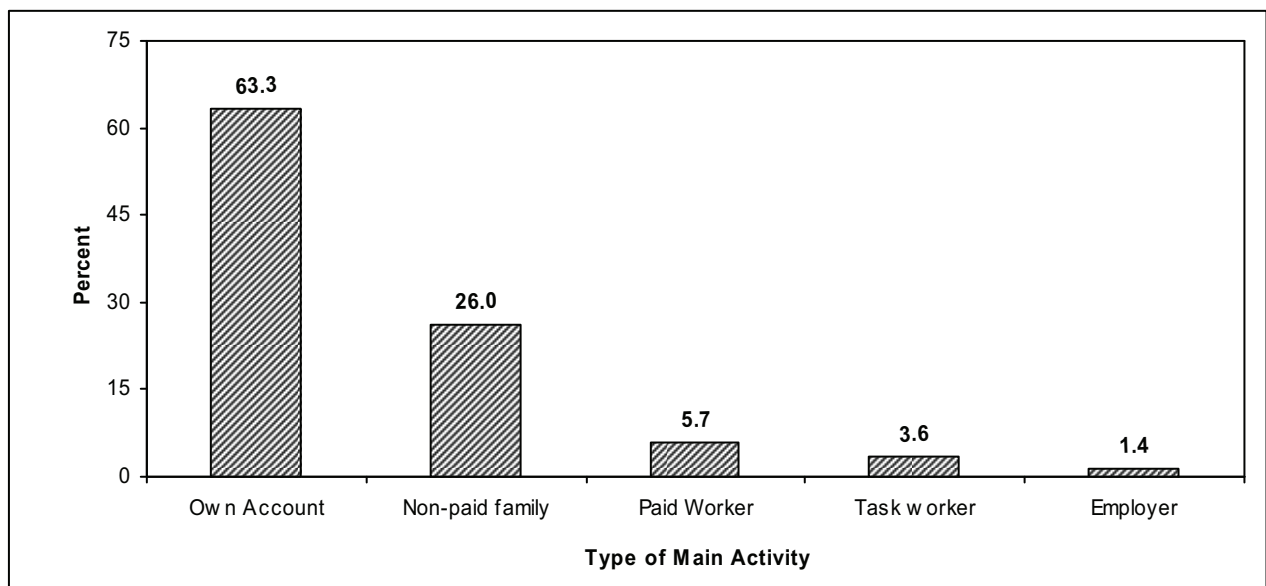
The regional distribution revealed that all regions had over 60 percent of their Ag HH heads being Own Account workers except the Northern Region which had only 47.2 percent. The Northern Region also had the highest percentage (42.7 %) of its Ag HH heads that were Non-Paid Family Workers while the Central Region had the least (12.3 %) in the same category. The Central Region had the highest percentage (2.2 %) of its Ag HH heads that were Employers while the Eastern Region had the least percentage (1 %).

The details are provided in Tables 2.15, Figure 2.14 and the district level data is provided in Annex 1 Table A2.12.

**Table 2.15: Percentage Distribution of Ag HH Heads by Type of Main Activity**

Region	Type of Main Activity					Total	Number (000')
	Own Account	Employer	Paid Worker	Non-paid family	Task worker		
Central	74.0	2.2	7.9	12.3	3.6	100	675
Eastern	62.6	1.0	5.8	27.0	3.6	100	1,005
Northern	47.2	1.3	3.7	42.7	5.1	100	711
Western	68.2	1.2	5.9	22.3	2.4	100	993
<b>Total</b>	<b>63.3</b>	<b>1.4</b>	<b>5.7</b>	<b>26.0</b>	<b>3.6</b>	<b>100</b>	<b>3,384</b>

**Figure 2.14: Percentage Distribution of Ag HH Heads by Type of Main Activity**



## 2.10.3 Secondary Activity

### Secondary Activity for Ag HH Members

During the UCA, Ag HH members were asked if they had participated in any Secondary activity. The census results showed that those who responded to the question were estimated to be 11.9 million. Further results showed that HH Work was the most reported Secondary Activity (33.5 %) by Ag HH members followed by Crop Production (24.4 %), Livestock Production (10.1 %) while Apiary was the least stated (0.1 %).

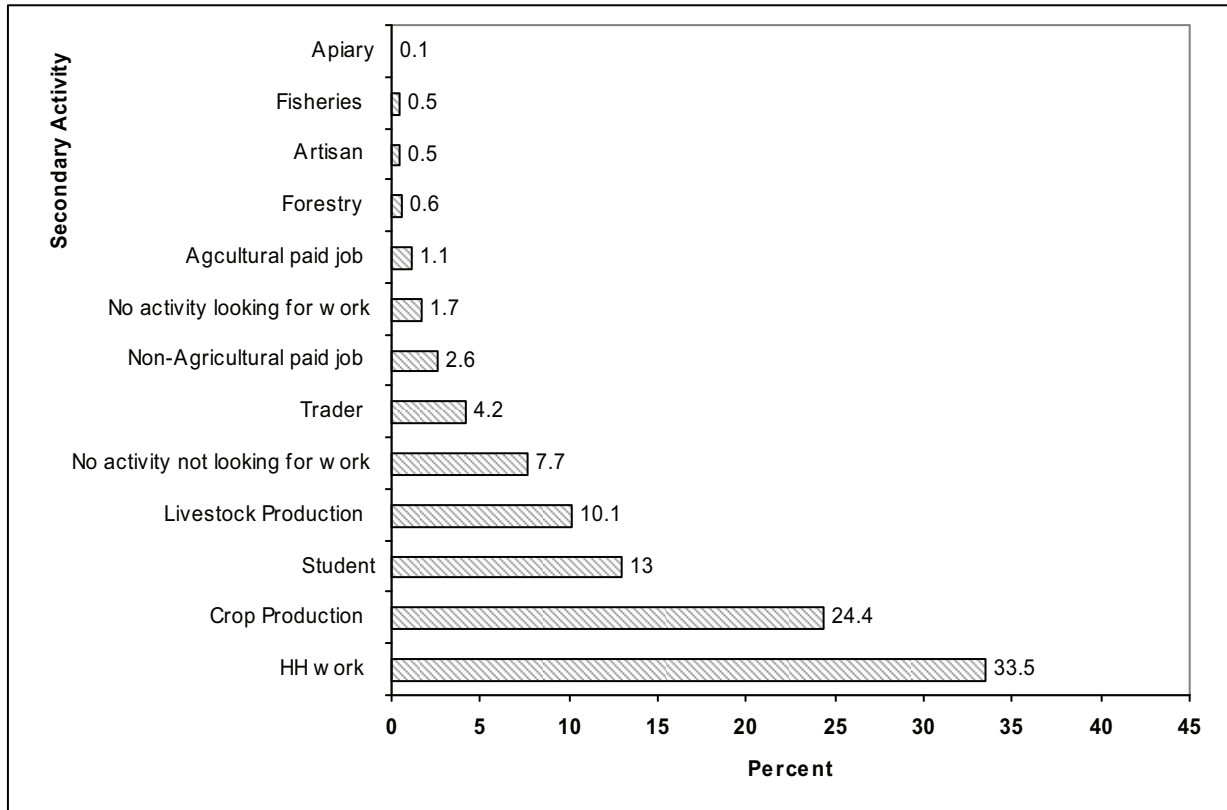
The regional distribution indicated that HH work and Crop Production were the leading Secondary Activities among Ag HH members. All regions had between 30 and 32 percent of Ag HH members spending the second largest portion of their time on HH work apart from the Western Region with 38.8 percent. It can be noted that in all the regions there were between 6 and 9 percent of able bodied Ag HH members who were not engaged in any Activity and not looking for a job.

The details are shown in Table 2.16 and Figure 2.15 and the district level data is provided in Annex 1 Table A2.13.

**Table 2.16: Percentage Distribution of Ag HH Members Secondary Activity**

Region	Main Activity													Total	Number ('000)
	Crop Production	Livestock Production	Fisheries	Forestry	Trader	Artisan	Agricultural paid job	Non Agricultural paid job	No activity looking	No activity not looking for a job	Household work	Student	Apiary		
Central	24.3	12.0	0.4	0.5	3.9	0.6	1.3	3.0	2.0	8.2	32.2	11.4	0.2	100	2,111
Eastern	24.5	10.9	0.7	0.4	4.7	0.4	0.5	2.3	1.3	7.4	32.2	14.6	0.1	100	3,765
Northern	26.1	9.3	0.8	1.1	2.4	0.3	1.1	2.7	1.7	9.3	30.2	14.7	0.3	100	2,870
Western	22.4	8.5	0.1	0.4	5.3	0.9	1.8	2.8	2.0	6.2	38.8	10.7	0.1	100	3,147
<b>Total</b>	<b>24.4</b>	<b>10.1</b>	<b>0.5</b>	<b>0.6</b>	<b>4.2</b>	<b>0.5</b>	<b>1.1</b>	<b>2.6</b>	<b>1.7</b>	<b>7.7</b>	<b>33.5</b>	<b>13.0</b>	<b>0.1</b>	<b>100</b>	<b>11,893</b>

**Figure 2.15: Percentage Distribution of Ag HH Members by Secondary Activity**



**Secondary Activity for Ag HH Heads**

Overall, 30.3 percent of Ag HH heads were engaged in Crop production, followed by Livestock production with 20.2 percent. The least stated Secondary activities among Ag HH heads were Apiary and Student with 0.2 percent for each.

The Regional distribution revealed that Crop Production remained the leading Secondary activity occupying at least 28 percent percent of Ag HH heads in all the regions. Livestock Production was second frequently reported Secondary Activity in all the regions engaging about 23.0 percent in Eastern and Central Regions and about 17 percent in Northern and Western Regions. The least stated Secondary activities were Student and Apiary.

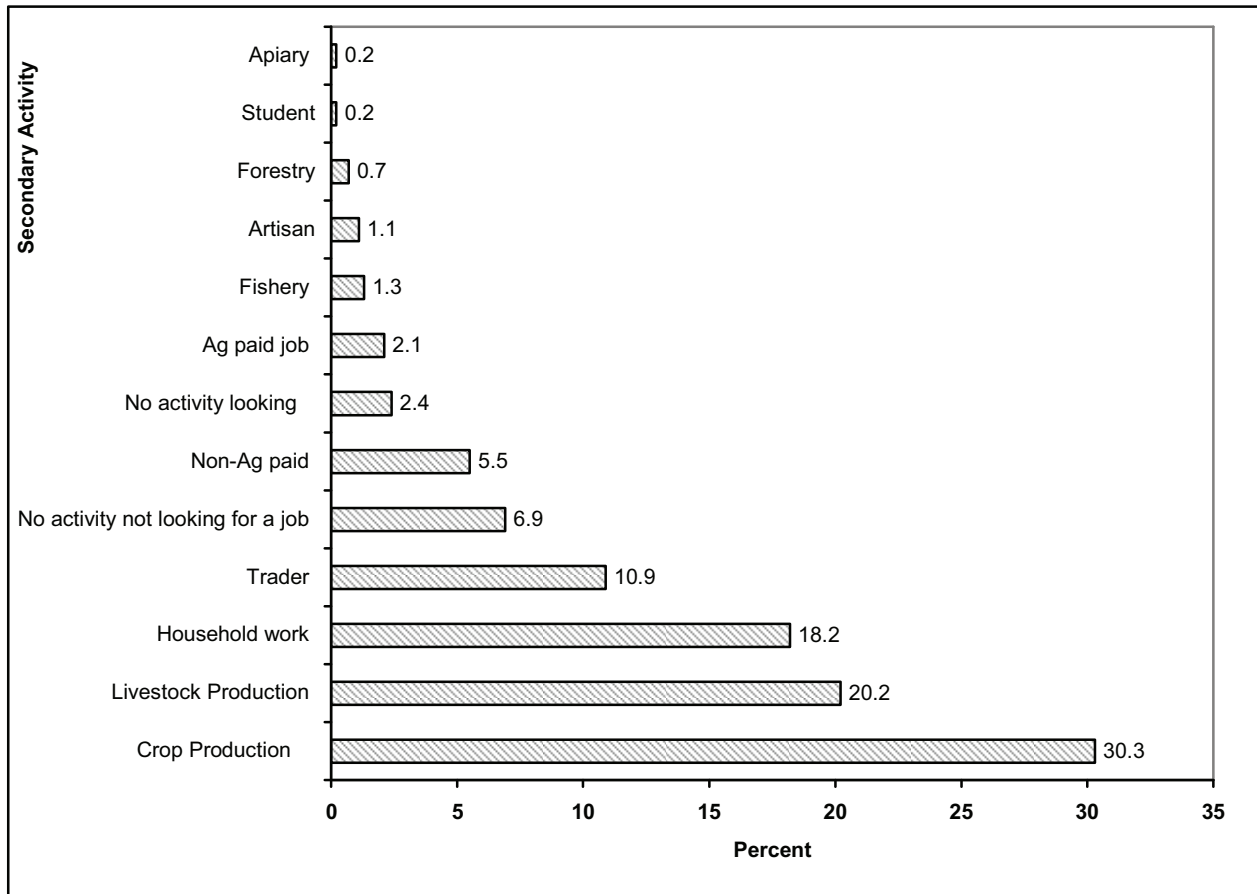
The details are shown in Table 2.17 and Figure 2.16 and the district level data is provided in Annex 1 Table A2.14.



**Table 2.17: Percentage Distribution of Ag HH Heads by their Secondary Activity**

Region	Secondary Activity													Total	Number (000')
	Crop Production	Livestock Production	Fishery	Forestry	Trader	Artisan	Ag paid job	Non-Ag paid	No activity looking	No activity not looking for a job	Student	Household work	Apiary		
Central	29.8	22.9	1.0	0.5	10.5	1.1	2.7	5.9	2.9	8.5	0.2	13.7	0.3	100	619
Eastern	28.4	23.0	1.8	0.4	13.8	1.2	1.0	5.2	1.7	6.6	0.2	16.6	0.1	100	944
Northern	34.8	17.4	2.4	1.6	5.0	0.7	2.0	5.5	2.2	7.5	0.5	20.2	0.2	100	703
Western	28.7	17.2	0.2	0.4	12.8	1.4	3.1	5.6	2.9	5.6	0.1	21.9	0.1	100	841
<b>Total</b>	<b>30.3</b>	<b>20.2</b>	<b>1.3</b>	<b>0.7</b>	<b>10.9</b>	<b>1.1</b>	<b>2.1</b>	<b>5.5</b>	<b>2.4</b>	<b>6.9</b>	<b>0.2</b>	<b>18.2</b>	<b>0.2</b>	<b>100</b>	<b>3,107</b>

**Figure 2.16: Percentage Distribution of Ag HH Heads by Secondary Activity**



### 2.10.4 Type of Secondary Activity for Ag HH Members

For each Ag HH member who stated a Secondary Activity he/she was engaged in, information was collected on the type of that activity. Out of the 9.5 million Ag HHs members who responded to this question, the highest percentage, 60.7 percent reported Non-paid Family Worker as the type of Secondary Activity they were engaged in, followed by Own account worker (30.6 %) while the least type stated was Employer (0.9 %).

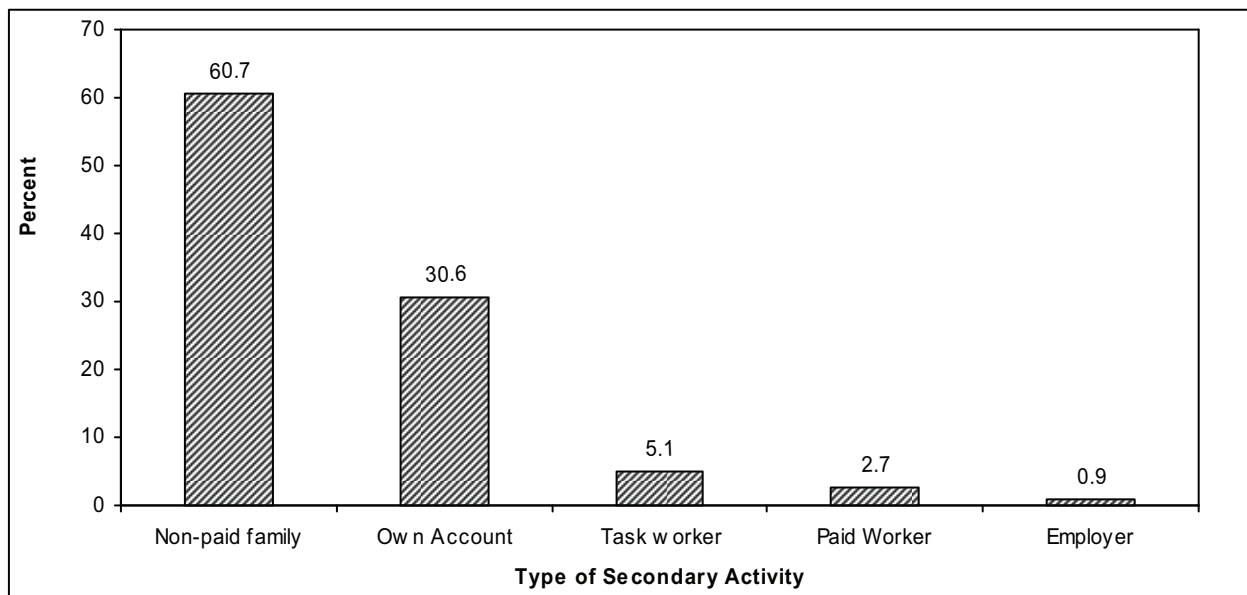
The regional distribution revealed that the Northern and the Eastern Regions had the highest percentages of their Ag HH members who reported Non-paid family worker with 65 and 63.4 percent respectively. It is worth noting that Employer as a type of Secondary Activity was the least reported Activity within each of the regions with less than one (1) percent.

The details are provided in Table 2.18 and Figure 2.17 and the district level data is provided in Annex 1 Table A2.15.

**Table 2.18: Percentage Distribution of Ag HH Members Type of Secondary Activity**

Region	Type of Secondary Activity					Total	Number (000')
	Own Account	Employer	Paid Worker	Non-paid family	Task worker		
Central	35.8	1.1	3.3	54.4	5.4	100	1,626,474
Eastern	29.8	0.5	2.1	63.4	4.2	100	2,934,529
Northern	24.8	1.6	2.1	65.0	6.5	100	2,256,960
Western	33.0	0.5	3.6	58.1	4.8	100	2,654,774
<b>Total</b>	<b>30.6</b>	<b>0.9</b>	<b>2.7</b>	<b>60.7</b>	<b>5.1</b>	100	<b>9,472,737</b>

**Figure 2.17: Percentage Distribution of Ag HH Members by Type of Secondary Activity**



### 2.10.5 Type of Secondary Activity for Ag HH Heads

From an estimated 3.1million Ag HH heads who stated their Secondary Activity, 2.8 million (88.9 %) responded to the question on the Type of Secondary Activity. Overall, 54.0 percent were Own Account workers, 34.3 percent were Non-Paid Family Workers while only 1.5 percent were Employers.

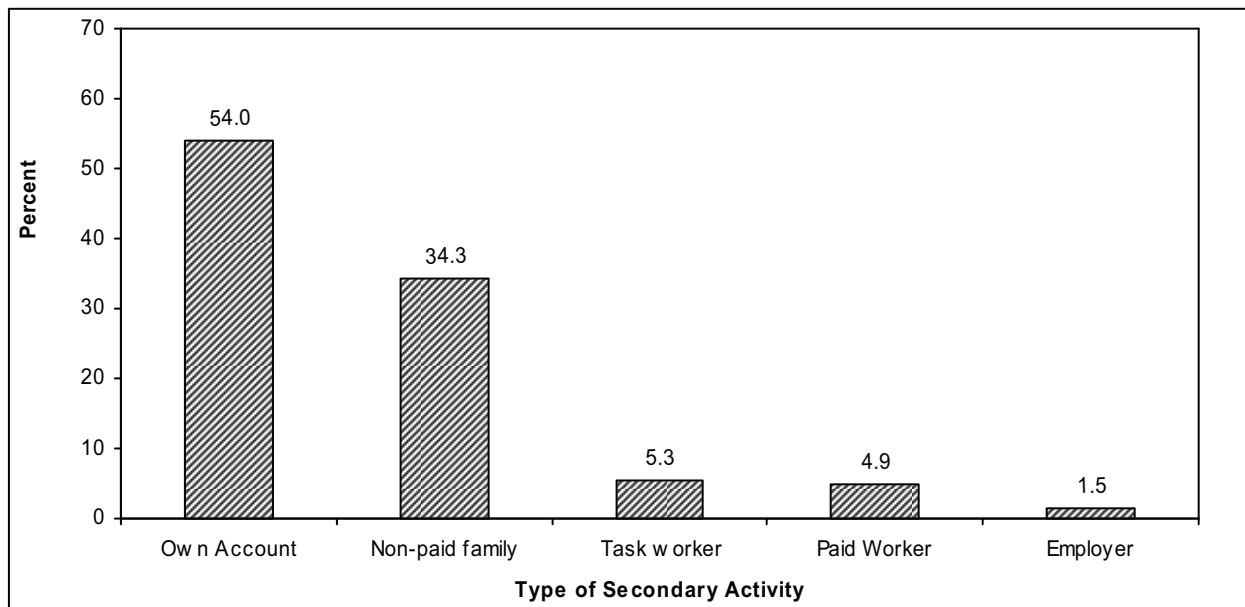
The regional distribution revealed that all regions had over 50 percent of their Ag HH heads as Own Account workers except the Northern Region which had only 39.4 percent. The Northern Region with 48.0 percent had the highest percentage of its Ag HH heads that were Non-Paid Family Workers while the Central Region had the least (20.3 %).The highest percentage (2.3 %) of Ag HH heads that reported being Employers were in the Central Region.

The details are provided in Tables 2.19 and Figure 2.18 and the district level data is provided in Annex 1 Table A2.16.

**Table 2.19: Percentage Distribution of Ag HH Heads by Type of Secondary Activity**

Region	Type of Secondary Activity					Total	Number
	Own Account	Employer	Paid Worker	Non-paid family	Task worker		
Central	66.3	2.3	5.1	20.3	6.0	100	528,454
Eastern	57.3	1.0	4.1	33.1	4.5	100	833,244
Northern	39.4	1.9	3.7	48.0	7.0	100	621,805
Western	53.7	1.0	6.5	34.3	4.5	100	775,913
<b>Total</b>	<b>54.0</b>	<b>1.5</b>	<b>4.9</b>	<b>34.3</b>	<b>5.3</b>	<b>100</b>	<b>2,759,416</b>

**Figure 2.18: Percentage Distribution of Ag HH Heads by Type of Secondary Activity**



## 2.11 Management of crop plots by Ag HH members

During the UCA 2008/09 data was collected on Ag HHs members who managed crop plots. The results showed that 5.7 million Ag HHs members reported to be managing at least a plot on the enumeration day. Out of the 5.7 million members, 3.2 million (56.8 %) were Male Crop Plot Managers while 2.5 million (43.2 %) were Female Crop Plot Managers.

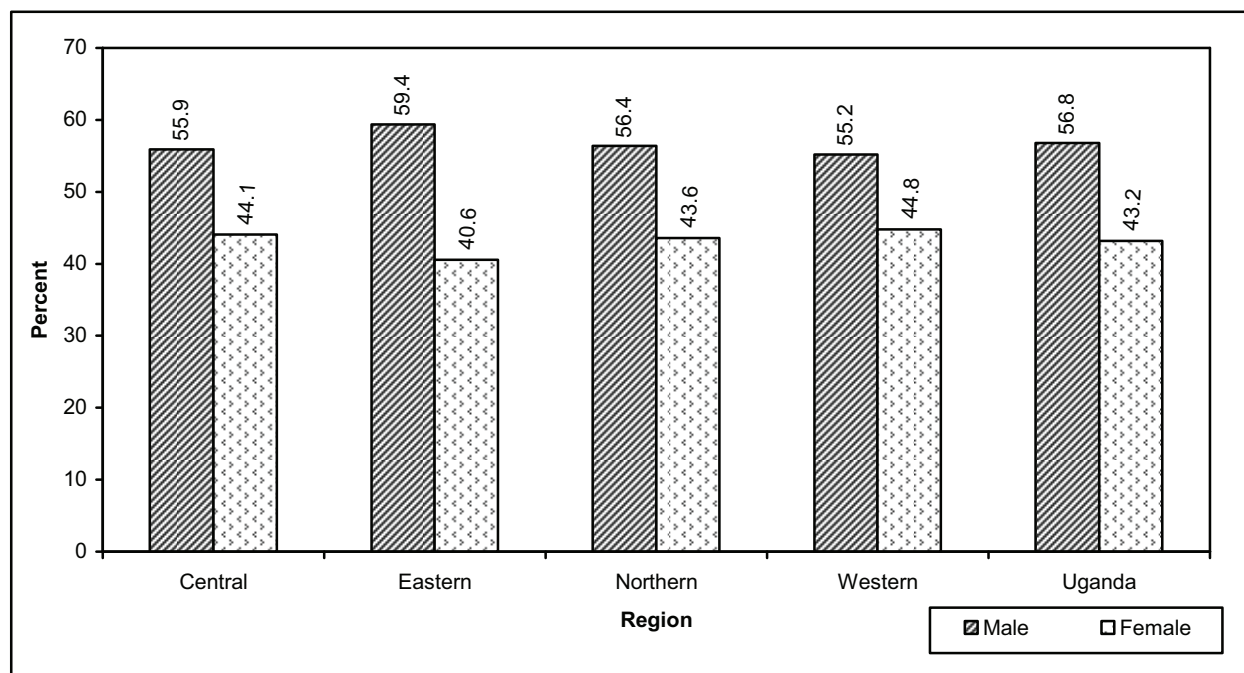
In terms of regions, the Eastern Region had the highest percentage (59.4 %) of its Crop plot managers being male while the least was reported in the Western Region with (55.2 %). The Western Regions had the highest percentage (44.8 %) of its Crop plot managers being females followed by the Central Region with 44.1 while the Eastern Region had the least (40.6 %).

The details are provided in Table 2.20 and Figure 2.19 and the district level data is provided in Annex 1 Table A2.17.

**Table 2.20: Percentage Distribution of Crop Plot Managers by Sex and Region**

Region	Sex				Total	%
	Male	%	Female	%		
Central	544,850	55.9	429,787	44.1	974,637	100
Eastern	989,318	59.4	677,219	40.6	1,666,537	100
Northern	779,712	56.4	601,765	43.6	1,381,476	100
Western	928,326	55.2	753,741	44.8	1,682,067	100
<b>Uganda</b>	<b>3,242,206</b>	<b>56.8</b>	<b>2,462,512</b>	<b>43.2</b>	<b>5,704,717</b>	<b>100</b>

**Figure 2.19: Percentage Distribution of Crop Plot Managers by Sex and Region**



## 2.12 Receipt of Credit by Ag HH Members

The UCA results revealed that out of the estimated 487,000 Ag HH members who received credit 309,000 (63.4 %) were males while 179,000 (36.6 %) were females.

The regional distribution revealed that the Western Region had the highest percentage of Ag HH members that received credit 207,000 (42.5 %) followed by Eastern Region with 118,000 (24.2 %) while Central and Northern had the least.

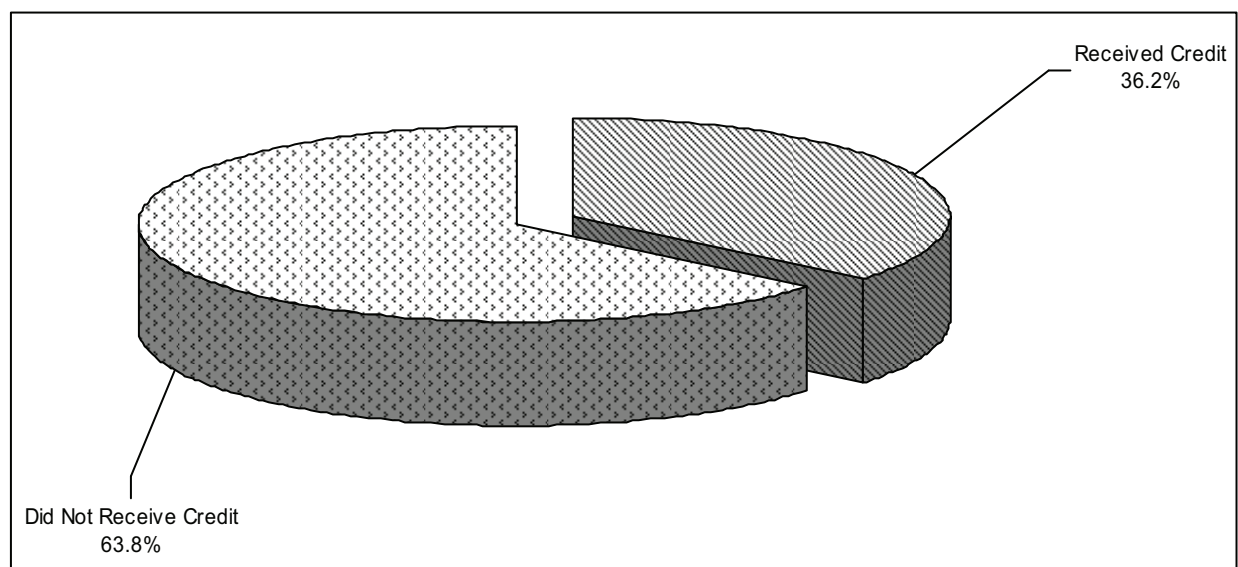
The regional distribution of Ag HH members that received credit by Sex revealed that in all regions there were more males receiving credit than their female counterparts.

The details are provided in Table 2.21, Figures 2.20 and 2.21 and the district level data is provided in Annex 1 Table A2.17.

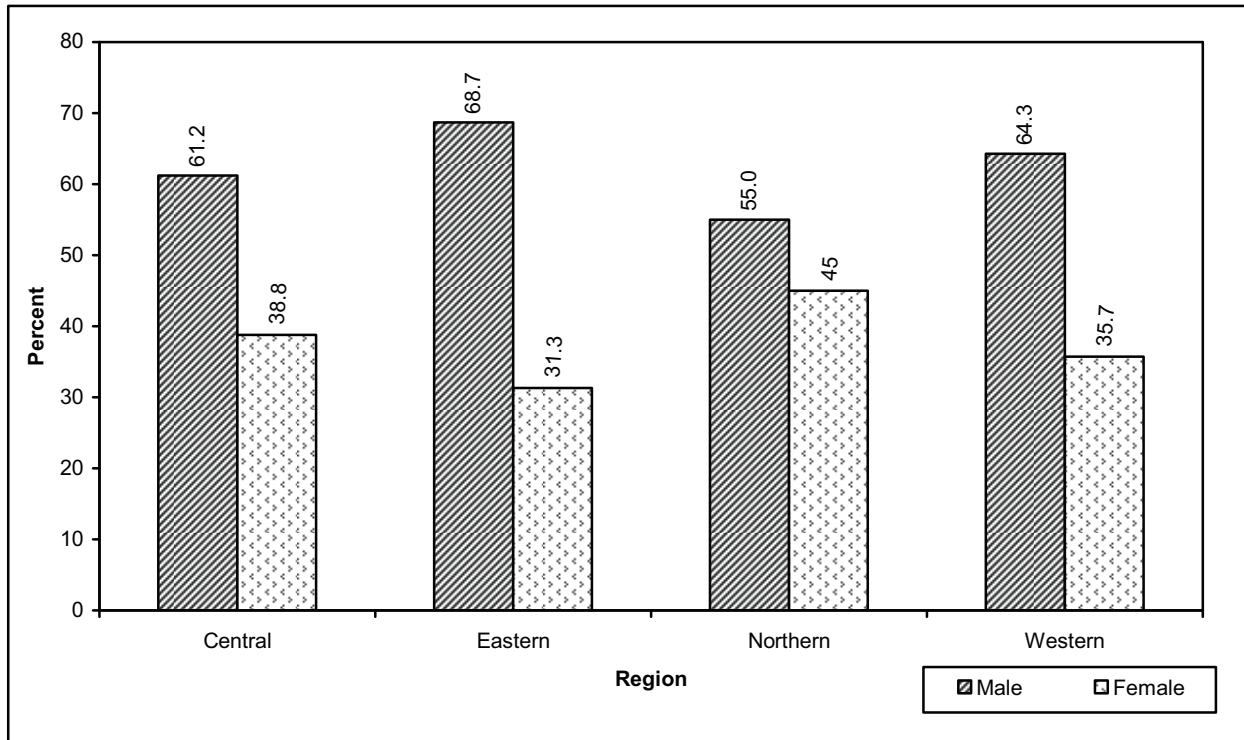
**Table 2.21: Percentage Distribution of Ag HH Members who Received Credit by Sex and Region**

Region	Number of Ag Members who received credit					
	Male		Female		Total	
	Yes	%	Yes	%	Number	%
Central	53,719	61.2	34,102	38.8	87,821	100
Eastern	80,910	68.7	36,902	31.3	117,812	100
Northern	41,034	55.0	33,587	45.0	74,621	100
Western	133,010	64.3	73,938	35.7	206,948	100
<b>Uganda</b>	<b>308,673</b>	<b>63.4</b>	<b>178,529</b>	<b>36.6</b>	<b>487,202</b>	<b>100</b>

**Figure 2.20: Percentage Distribution of Ag HH Members that received Credit**



**Figure 2.21: Percentage Distribution of Ag HH Members who Received Credit by Sex and Region**



### 2.13 Membership to Farmers' Groups.

The estimated Ag HH population that reported to be members of Farmers' Groups was 906,000. Out of this, 462,000 (51.0 %) were males while 444,000 (49.0 %) were females.

Across regions, the Northern Region had the highest number 280,000 (30.9 %) of the Ag HH members that were members of a Farmers' Group followed by the Western Region with 269,000 (29.7 %) while the Central Region had the least 108,000 (11.9 %).

Analysis within regions revealed that for all regions there was no large variation in the sex composition of Ag HH members that belonged to a *Farmers' Group*.

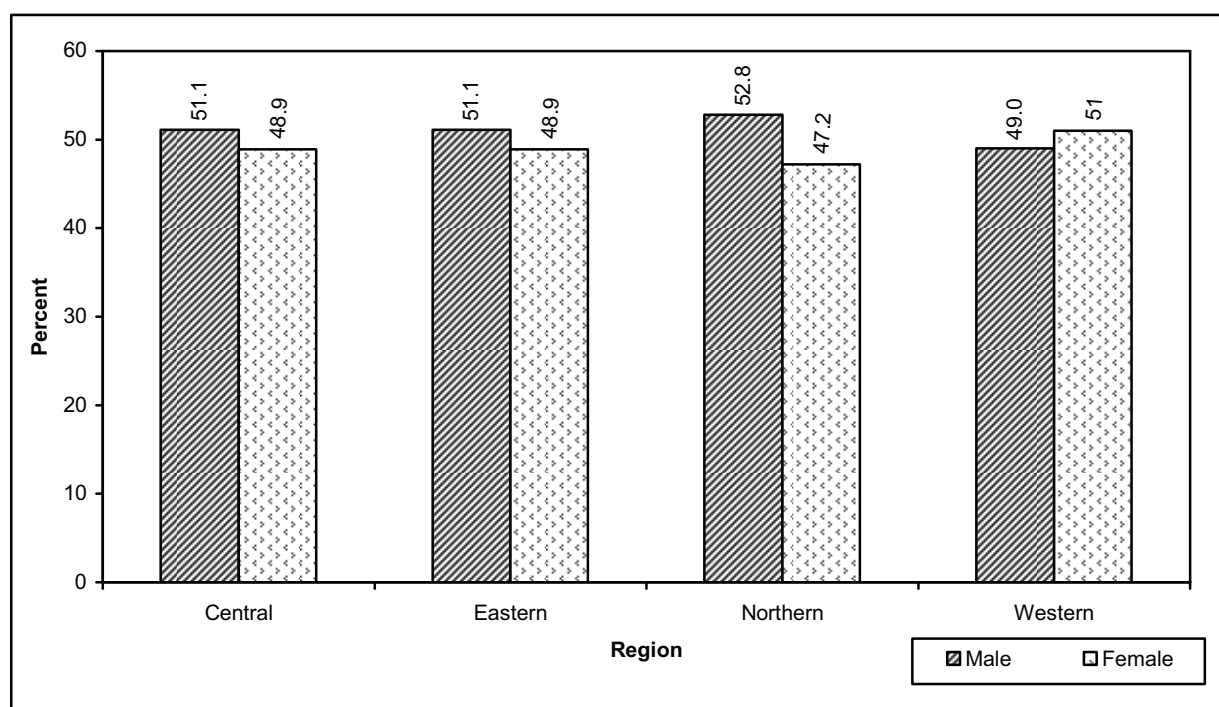
The details are provided in Table 2.22 and Figure 2.22 and the district level data is provided in Annex 1 Table A2.17.

**Table 2.22: Percentage Distribution of Ag HH Members of Farmers' Group by Sex and Region**

Region	Sex				Total	
	Male		Female		Number	%
	Number	%	Number	%		
Central	55,018	51.1	52,640	48.9	107,658	100
Eastern	127,463	51.1	122,215	48.9	249,678	100
Northern	147,681	52.8	131,980	47.2	279,660	100
Western	131,825	49.0	137,452	51.0	269,277	100
<b>Uganda</b>	<b>461,986</b>	<b>51.0</b>	<b>444,287</b>	<b>49.0</b>	<b>906,273</b>	<b>100</b>

*\*Only members aged 15+ were considered*

**Figure 2.22: Percentage Distribution of Ag HH Members who were members of Farmers' Group, by Sex and Region**





## 2.14 Summary of Findings

### 2.14.1 Agricultural Households

- i. The estimated number of Ag HHs was 3.95 million with the Western Region having the highest percentage (28.5 %) while the Central Region had the least (20.5 %).
- ii. The results show that out of the 3.6 million Ag HH heads, 78.9 percent were Males and 21.1 percent were Females
- iii. Out of the 3.5 holders, 68.4 percent were operating as *An Individual while* 31.6 percent as *Two/More Individuals*.

### 2.14.2 Ag HH Population Composition

- i. The estimated number of Ag HH population was 19.3 million persons. Out of this 50.5 were Males and 49.5 were Females.
- ii. The population structure is bulky at the bottom and thinner as one moves to a higher age bracket.
- iii. The results revealed that out of the 3.6 million Ag HH heads, 74.2 percent of them were Married, 14.3 percent were Widowed and Not Remarried while (3.8 %) had Never Married.

### 2.14.3 Education

- i. The census results indicate that 16.9 percent of the Ag HH population had Never been to school, 61.3 percent had Primary level education, 15.6 percent had Secondary education while 2.9 percent had attained Post secondary education.
- ii. A Total of 9.3 m Ag HH members reported they Could Read and Write and out of these 55.1 percent were males.

### 2.14.4 Economic Activity

- i. Crop Production was the most mentioned (45.9 %) Main Activity by Ag HH members, followed by Student (38.6 %) and the least stated were Apiary and Forestry (both 0.1 %). About 81 percent of Ag HH heads are engaged in Crop production, seven (7) percent in Non-Agricultural paid job and 4.6 percent in Trade, and the least percentage (0.1 %) in Studying (Students) as their Main activity.
- ii. An estimated 45.5 percent of Ag HH members reported Non-paid Family Worker as the most common Type of Main Activity and this was closely followed by Own account worker (44.2 %) while the least stated was Employer (0.9 %). About sixty three (63.3 %) percent of Ag HH heads stated that they were Own Account workers, 26 percent were Non-paid family workers while only 1.4 percent were Employers on their Main Activity.
- iii. HH Work was the most reported Secondary Activity (33.5 %) followed by Crop Production (24.3 %), Livestock Production (10.1 %) of Ag HH members while Apiary was the least stated (0.1 %). At regional level, Crop Production remains the leading Secondary activity occupying at least 28 percent percent of Ag HH heads, Livestock Production was second mentioned Secondary Activity in all the regions engaging about 23 percent in Eastern and Central Regions and about 17 percent in Northern and Western Regions.
- iv. At 60.7 percent, Non-paid Family Worker was the most mentioned type of Secondary Activity for Ag HH members; this was followed by Own account worker (30.6 %) while the least type stated

was Employer (0.9 %). Overall, 54 percent of Ag HH heads were Own Account workers, 34.3 percent were Non-paid family workers while only 1.5 percent were Employers for their Secondary Activity.

#### **2.14.5 Management of Crop Plots by Ag HH Members**

- i. Out of the 5.7 million members, 3.2 million (56.8 %) were Crop Plot Male Managers while 2.5 million (43.2 %) were Crop Plot Female Managers.

#### **2.14.6 Receipt of Credit by Ag HH Members**

- i. The UCA 2008/09 results showed that the estimated Ag HH members who received credit were 487,000 out of whom 308,673 (63.4 %) were males and 178,529 (36.6 %) females.

#### **2.14.7 Membership to Farmers' Groups**

- i. An estimated 906,000, Ag HH population, were members of Farmers' Groups. Out of this, 461,986 (51.0 %) were males and 444,287 (49.0 %) females.

## CHAPTER THREE

### AGRICULTURAL SERVICES

#### 3.1 Introduction

This Chapter presents the findings relating to access to:

- i. Agricultural Technology and Extension Services,
- ii. Sources of Agricultural Extension Services,
- iii. Sources of Agricultural Information,
- iv. Access to Credit Facilities,
- v. Access to Facilities,
- vi. Means of Transportation,
- vii. Storage Facilities.

#### 3.2 Agricultural Technology and Extension Services

##### 3.2.1 Access to Extension Services

This section sought information from Ag HHs on Extension Services delivery. A respondent was asked whether the Ag HH had been visited by an Extension Worker twelve months prior to the date of the survey.

Out of 3.6 million Ag HHs that responded to the question, 680,000 (19.0 %) reported having been visited by an Extension Worker during the reference period.

The Western Region had the highest percentage (29.3 %) of Ag HHs that were visited by an extension worker followed by the Eastern Region with 28.7 percent while the Central Region had the least percentage (16.9 %).

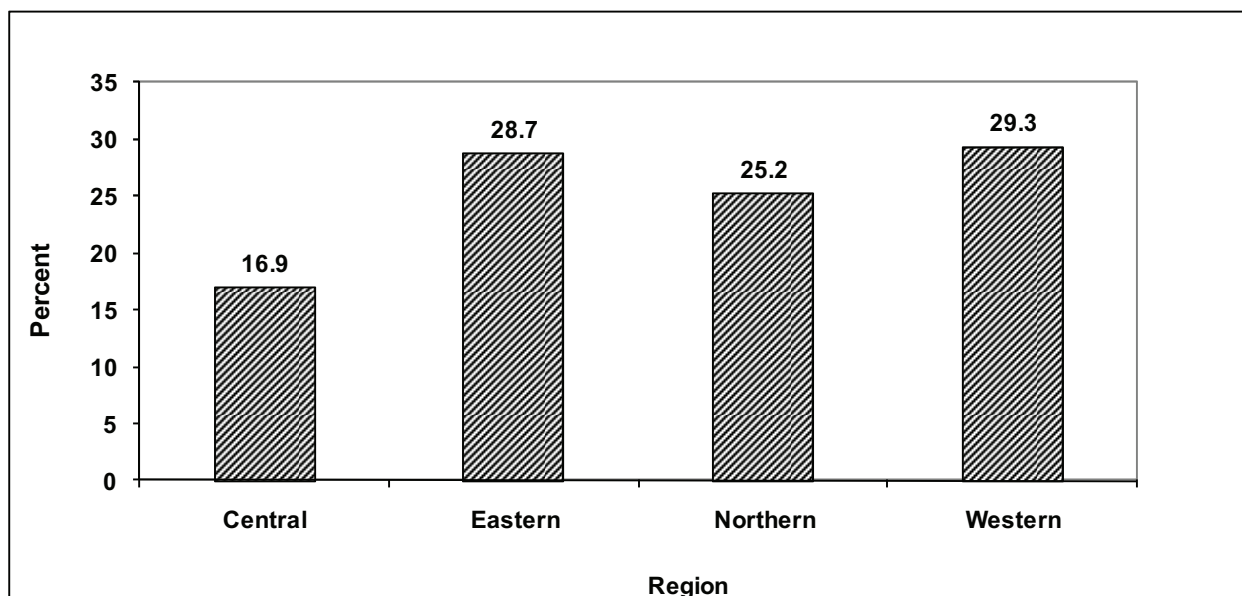
The district of Amuria had the highest proportion (71.5 %) of its Ag HHs having been visited by an extension worker during the reference period, followed by Oyam (62.7 %) and Abim (49.5 %). On the other hand, Kampala and Nakasongola had the least proportion of their Ag HHs having been visited with 0.7 percent and 1.3 percent respectively.

The details are provided in Table 3.1, Figure 3.1 and district level data is provided in Annex 1 Table A3.1

**Table 3.1: Distribution of Ag HHs visited by Extension Workers**

Region	Ag HHs	Ag HHs visited	%
Central	715,486	114,559	16.9
Eastern	1,069,885	194,903	28.7
Northern	755,701	171,200	25.2
Western	1,033,992	199,156	29.3
<b>Uganda</b>	<b>3,575,064</b>	<b>679,818</b>	<b>100</b>

**Figure 3.1: Percentage Distribution of Ag HHs visited by an Extension Worker by Region**



### 3.2.2 Average Number of Times Ag HHs were Visited by an Extension Worker during the Reference period

Ag HHs that indicated having been visited by an extension worker were asked how often they were visited. On average, Ag HHs reported having been visited by an Extension Worker 4 times in the reference period for all regions except the Eastern Region which recorded an average of 3 times, as shown in Table 3.2.

**Table 3.2: Average Number of Times Ag HHs were visited by Extension Worker during the reference period**

Region	Mean number of times Ag HHs visited
Central	4
Eastern	3
Northern	4
Western	4
<b>Uganda</b>	<b>4</b>

### 3.3 Sources of Agriculture Extension Services

Ag HHs that indicated having been visited by an extension worker in the reference period were asked about the source of extension services. Information was collected on Extension Services such as: Farm Management, Crop Varieties, Input use, Credit, Farm Mechanisation, Animal Health, Plant Protection, Environmental Conservation, Marketing and Training.

### 3.3.1 Extension Services on Farm Management

An estimated 180,000 (5.0 %) out of 3.6 million Ag HHs reported having received Extension Services on Farm Management from NAADS service providers, followed by Others service providers (3.3 %), while Other Gov't (Livestock) was the least with 0.7 percent.

The regional distribution shows that the Western Region had the highest percentage of Ag HHs that reported having accessed Extension Services on Farm Management from NAADS (31.1 %) followed by Other Gov't (Crops) with 26.5 percent. Regarding Access to Extension Services from Other Gov't (Livestock), Farmers Association and Others, the Northern Region reported the highest percentages i.e. 30.7, 34.0 and 40.4 percent respectively. It is worth noting that the Central Region had the least percentage of Ag HHs that received Extension Services from NAADS (17.7 %), Farmers Association (14.6 %) and Others (16.8 %).

The details are provided in Table 3.3(a) and Table 3.3(b) and district level data is provided in Annex 1 Table A3.2.

**Table 3.3 (a): Number of Ag HHs that reported receiving Extension Services on Farm Management by source and Region**

Region	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	31,860	13,861	6,322	9,591	19,767
Eastern	52,113	13,151	3,884	16,912	28,678
Northern	39,826	15,963	7,229	22,379	47,378
Western	55,952	15,503	6,085	16,843	21,498
<b>Uganda</b>	<b>179,750</b>	<b>58,478</b>	<b>23,519</b>	<b>65,725</b>	<b>117,321</b>

**Table 3.3(b): Percentage Distribution of Ag HHs that reported receiving Extension Services on Farm Management by source and Region**

Region	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	17.7	23.7	26.9	14.6	16.8
Eastern	29.0	22.5	16.5	25.7	24.4
Northern	22.2	27.3	30.7	34.0	40.4
Western	31.1	26.5	25.9	25.6	18.3
<b>Uganda</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

### 3.3.2 Extension Services on Crop Varieties

Out of 3.6 million Ag HHs that responded , 234,000 (6.6 %) reported having received extension services on Crop Varieties from NAADS service providers, followed by Others service providers (3.8 %), while Other Gov't (Livestock) was the least with 2.3 percent.

The regional distribution shows that the Eastern Region had the highest percentage of Ag HHs that reported having accessed Crop Varieties services from NAADS (33.7 %) and Other Gov't (Crops) (29.5 %). Regarding access to extension services on Crop Varieties from Farmers Association, the Western

Region reported the highest percentage (32.3 %). It is worth noting that the Central Region had the least percentage of Ag HHs that received extension services for all the categories.

The details are provided in Table 3.4(a) and Table 3.4(b) and district level data is provided in Annex 1 Table A3.3.

**Table 3.4(a): Ag HHs receiving Extension Services on Selection of Crop Varieties by source**

Region	Source of Service			
	NAADS	Other Gov't (Crops)	Farmers Association	Others
Central	35,141	17,514	12,626	23,028
Eastern	78,984	24,647	20,784	39,483
Northern	50,991	20,254	22,524	45,891
Western	69,333	21,097	26,730	27,290
<b>Uganda</b>	<b>234,449</b>	<b>83,512</b>	<b>82,663</b>	<b>135,692</b>

**Table 3.4(b): Percentage Distribution of Ag HHs that received Extension Services on Selection of Crop Varieties by source**

Region	Source of Service			
	NAADS	Other Gov't (Crops)	Farmers Association	Others
Central	15.0	21.0	15.3	17.0
Eastern	33.7	29.5	25.1	29.1
Northern	21.7	24.3	27.2	33.8
Western	29.6	25.3	32.3	20.1
<b>Uganda</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

### 3.3.3 Extension Services on Input Use

Out of 3.6 million Ag HHs that responded , 127,000 (3.6 %) reported having received Extension Services on Input Use from *NAADS* service providers, followed by *Others* service providers (3.0 %), while *Other Gov't (Livestock)* was the least with 0.3 percent.

The regional distribution shows that the Eastern and Central Regions had the highest percentage of Ag HHs that reported having accessed Input Use services from *NAADS* (34.7 %) and *Other Gov't (Crops)* (27.4 %) respectively. In addition, the Western Region reported the highest percentages (46.7.3 %) and (31.9 %) Ag HHs that received information on Input Use from *Other Gov't (Livestock)* and *Farmers Association* respectively. The Central Region however, had the least percentage of Ag HHs that received Extension Services for *NAADS*, *Other Gov't (Livestock)* and *Farmers Association* with 19.1, 11.1 and 20.8 percent respectively.

The details are provided in Table 3.5(a) and Table 3.5(b) and district level data is provided in Annex 1 Table A3.4.

**Table 3.5(a): Ag HHs receiving Extension Services on Input Use by source**

Region	Source of extension service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	24,312	13,564	1,153	10,277	16,196
Eastern	44,100	11,295	1,685	11,350	28,438
Northern	18,776	12,022	2,714	12,024	42,946
Western	40,081	12,714	4,870	15,784	21,193
<b>Uganda</b>	<b>127,269</b>	<b>49,594</b>	<b>10,422</b>	<b>49,436</b>	<b>108,772</b>

**Table 3.5(b): Percentage Distribution of Ag HHs that received Extension Services on Input Use by source**

Region	Source of Extension Services				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	19.1	27.4	11.1	20.8	14.9
Eastern	34.7	22.8	16.2	23.0	26.1
Northern	14.8	24.2	26.0	24.3	39.5
Western	31.5	25.6	46.7	31.9	19.5
<b>Uganda</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>

### 3.3.4 Credit

Out of 3.6 million Ag HHs that responded, 125,000 (3.5 %) reported having received Extension Services on credit from Other service providers followed by NAADS service providers (1.6 %), while Other Gov't (Livestock) was the least, with 0.2 percent.

The regional distribution shows that the Western Region had the highest percentage of Ag HHs that reported having accessed Extension Services on credit from NAADS and Farmers' Association with 34.0 and 42.0 percent respectively. In addition, the Northern Region reported the highest percentages (31.3 %), (36.5 %) and (40.8 %) of Ag HHs that received Extension Services on credit from other Gov't (Crops), Other Gov't (Livestock) and Others respectively. It is worth noting that the Central Region had the least percentage of Ag HHs that received Extension Services from Other Gov't (Crops), Farmers Association and Others' category with 15.3, 11.7 and 15.3 percent respectively.

The details are provided in Table 3.6(a) and Table 3.6(b) and district level data is provided in Annex 1 Table A3.5.



**Table 3.6(a): Ag HHs that received Extension Services on Credit by source.**

Region	Source of Extension Services				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	11,589	2,518	1,745	6,798	19,132
Eastern	17,031	4,878	754	15,102	30,826
Northern	9,540	5,154	2,054	11,783	50,911
Western	19,663	3,897	1,073	24,344	23,972
<b>Uganda</b>	<b>57,823</b>	<b>16,448</b>	<b>5,627</b>	<b>58,027</b>	<b>124,841</b>

**Table 3.6(b): Percentage Distribution of Ag HHs that received Extension Services on Credit by source.**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	20.0	15.3	31.0	11.7	15.3
Eastern	29.5	29.7	13.4	26.0	24.7
Northern	16.5	31.3	36.5	20.3	40.8
Western	34.0	23.7	19.1	42.0	19.2
<b>Uganda</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.3.5 Farm Mechanisation

Out of 3.6 million Ag HHs, 95,000 (2.7 %) reported having received Extension Services on *Farm mechanisation* Others service providers, followed by NAADS service providers (1.3 %), while *Other Gov't (Livestock)* was the least with 0.4 percent.

The regional distribution shows that the Eastern Region had the highest percentage of Ag HHs that reported having accessed Extension Services on Farm Mechanisation from NAADS (38.2 %). In addition, the Western Region reported the highest percentages (31.2 %) and (42.2 %) of Ag HHs that received services on Farm Mechanisation from *Other Gov't (Crops)* and *Other Gov't (Livestock)* respectively while the Northern Region had the highest percentages of Ag HHs that received services on Farm Mechanisation from *Farmers Associations* (33.3 %) and *Others* (45.8 %). It is worth noting that the Central Region had the least percentages of Ag HHs that received Extension Services for NAADS, *Other Gov't (Livestock)* and *Farmers Association* with 15.6, 13.0 and 7.4 percent respectively.

The details are provided in Table 3.7(a) and Table 3.7(b) and district level data is provided in Annex 1 Table A3.6.

**Table 3.7(a): Ag HHs receiving extension services on Farm Mechanisation by source**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	7,315	6,644	1,689	1,750	16,016
Eastern	17,937	5,936	1,757	6,258	22,869
Northern	12,113	6,422	4,054	7,849	43,473
Western	9,571	8,611	5,473	7,692	12,655
<b>Uganda</b>	<b>46,936</b>	<b>27,614</b>	<b>12,974</b>	<b>23,549</b>	<b>95,013</b>

**Table 3.7(b): Percentage Distribution of Ag HHs that received Extension Services on Farm Mechanisation by source**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	15.6	24.1	13.0	7.4	16.9
Eastern	38.2	21.5	13.5	26.6	24.1
Northern	25.8	23.3	31.2	33.3	45.8
Western	20.4	31.2	42.2	32.7	13.3
<b>Uganda</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.3.6 Animal Health

Out of 3.6 million, 149,000 (4.2 %) reported having received Extension Services on Animal Health from Other Gov't (Livestock) service providers, followed by NAADS service providers (3.0 %), while Farmers Association was the least with 0.9 percent.

The regional distribution shows that the Eastern Region had the highest percentages of Ag HHs that reported having accessed extension services on Animal Health from NAADS, Other Gov't (Livestock) and Farmers Association with 41.3, 27.9 and 35.9 percent respectively while the Northern Region had the highest percentage from the Others service provider category with 32.7 percent. It is worth noting that the Central Region had the least percentages of Ag HHs that received Extension Services for NAADS, Other Gov't (Livestock) and Farmers Association with 12.3, 17.9 and 14.9 percent respectively.

The details are provided in Table 3.8(a) and Table 3.8(b) and district level data is provided in Annex 1 Table A3.7.

**Table 3.8(a): Ag HHs receiving Extension Services on Animal Health by Source**

Region	Source of Extension Service			
	NAADS	Other Gov't (Livestock)	Farmers Association	Others
Central	13,213	26,589	4,770	24,168
Eastern	44,468	41,515	11,466	28,188
Northern	22,877	41,158	7,807	31,775
Western	27,012	39,385	7,916	13,108
<b>Uganda</b>	<b>107,570</b>	<b>148,647</b>	<b>31,959</b>	<b>97,238</b>

**Table 3.8(b): Percentage Distribution of Ag HHs that received Extension Services on Animal Health by source**

Region	Source of Extension Service			
	NAADS	Other Gov't (Livestock)	Farmers Association	Others
Central	12.3	17.9	14.9	24.9
Eastern	41.3	27.9	35.9	29.0
Northern	21.3	27.7	24.4	32.7
Western	25.1	26.5	24.8	13.5
<b>Uganda</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.3.7 Plant protection

Out of 3.6 million households, 151,977 (4.3 %) reported having received Extension Services on Plant protection from NAADS service providers, followed by Others service providers (2.9 %), while Other Gov't (Livestock) was the least with 1.6 percent.

The regional distribution shows that the Western Region had the highest percentage of Ag HHs that reported having accessed Plant protection services from NAADS (32.1 %), Other Gov't (Crops) (28.8 %) and Farmers Association with 30.8 percent while the Northern Region did so for the Others' service providers' category with 37.6 percent. On the other hand, the Central Region reported the least percentage of Ag HHs that received Extension Services for NAADS, Other Gov't (Crops) and Farmers Association with 17.6, 19.2 and 16.8 percent respectively.

The details are provided in Table 3.9(a) and Table 3.9(b) and district level data is provided in Annex 1 Table A3.8.

**Table 3.9(a): Ag HHs receiving Extension Services on Plant Protection by source**

Region	Source of Extension Service			
	NAADS	Other Gov't (Crops)	Farmers Assoc	Others
Central	26,782	14,181	9,353	18,846
Eastern	48,207	21,104	14,674	28,416
Northern	28,156	17,309	14,432	39,194
Western	48,828	21,225	17,122	17,863
<b>Uganda</b>	<b>151,974</b>	<b>73,818</b>	<b>55,580</b>	<b>104,319</b>

**Table 3.9(b): Percentage of Ag HHs that received Extension Services on Plant Protection by source**

Region	Source of Extension Service			
	NAADS	Other Gov't (Crops)	Farmers Assoc	Others
Central	17.6	19.2	16.8	18.1
Eastern	31.7	28.6	26.4	27.2
Northern	18.5	23.4	26.0	37.6
Western	32.1	28.8	30.8	17.1
<b>Uganda</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.3.8 Environmental Conservation

Out of 3.6 million households, 138,000 (3.9 %) reported having received Extension Services on Environmental Conservation from *Others* service providers (3.9 %), followed by *Other Gov't (Crops)* with (72,000 or 2.0%) while *Other Gov't (Livestock)* was the least with 1.0 percent.

The regional distribution revealed that the Eastern Region had the highest percentage of Ag HHs that reported having accessed Extension Services from NAADS (35.8 %), Other Gov't (Livestock) with 43.6 percent and Farmers Association (35.5 %). In addition, the Western Region reported the highest percentage (32.5 %) of Ag HHs that received information on Environmental Conservation from *Other Gov't (Crops)* while the Northern Region did so for the *Others'* service providers' category with 35.3 percent. It is worth noting that the Central Region had the least percentages of Ag HHs that received Extension Services for plant protection from all sources.

The details are provided in Table 3.10(a) and Table 3.10(b) and district level data is provided in Annex 1 Table A3.9.

**Table 3.10(a): Ag HHs receiving Extension Services on Environmental Conservation by source**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Assoc	Others
Central	10,918	12,791	1,515	4,887	25,952
Eastern	24,031	19,585	8,569	12,726	34,696
Northern	14,016	16,116	3,085	8,556	48,836
Western	18,160	23,317	6,472	9,701	28,745
<b>Uganda</b>	<b>67,125</b>	<b>71,810</b>	<b>19,641</b>	<b>35,871</b>	<b>138,230</b>

**Table 3.10(b): Percentage Distribution of Ag HHS that received Extension Services on Environmental Conservation by source**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	16.3	17.8	7.7	13.6	18.8
Eastern	35.8	27.3	43.6	35.5	25.1
Northern	20.9	22.4	15.7	23.9	35.3
Western	27.1	32.5	33.0	27.0	20.8
<b>Uganda</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.3.9 Marketing

Out of the 3.6 million households, 151,000 (4.2 %) reported having received Extension Services on Marketing from *Others* service providers, followed by NAADS service providers, while *Other Gov't (Livestock)* was the least with 0.4 percent.

The regional distribution shows that the Eastern Region had the highest percentage of Ag HHs that reported having accessed Extension Services on Marketing from *Other Gov't (Crops)* and *Other Gov't (Livestock)* with 37.1 and 47.0 percent respectively. The Northern Region had the highest percentage of 31.8 percent that received Extension Services on Marketing from *Others* service providers. In addition, the Western Region reported the highest percentages of (33.4 %) and (31.7 %) of Ag HHs that received Extension Services on marketing from NAADS and *Farmers Association* respectively. On the other hand,

the Central Region had the least percentage of Ag HHs that received Extension Services from *Other Gov't (Crops)*, *Other Gov't (Livestock)* and *Farmers Association* with 13.3, 12.7 and 17.5 percent respectively.

The details are provided in Table 3.11(a) and Table 3.11(b) and district level data is provided in Annex 1 Table A3.10.

**Table 3.11(a): Ag HHS receiving Extension Services on Marketing by source**

Region	Source of extension service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Assoc	Others
Central	18,338	5,093	1,971	13,227	30,231
Eastern	31,298	14,260	7,309	21,646	46,185
Northern	17,666	9,512	3,149	16,781	47,886
Western	33,800	9,539	3,125	23,967	26,517
<b>Uganda</b>	<b>101,102</b>	<b>38,404</b>	<b>15,554</b>	<b>75,620</b>	<b>150,819</b>

**Table 3.11(b): Percentage Distribution of Ag HHS that received Extension Services on Marketing by source**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	18.1	13.3	12.7	17.5	20.0
Eastern	31.0	37.1	47.0	28.6	30.6
Northern	17.5	24.8	20.2	22.2	31.8
Western	33.4	24.8	20.1	31.7	17.6
<b>Uganda</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.3.10 Training

Out of these 3.6 million households, 344,000 (9.6 %) reported having received Extension Services on Training from *NAADS* service providers, followed by *Others* service providers (2.7 %), while *Other Gov't (Livestock)* was the least with 0.5 percent.

The regional distribution shows that the Eastern Region had the highest percentages of Ag HHs that reported having accessed Extension Services on Training from *Other Gov't (Crops)*, *Other Gov't (Livestock)* and *Farmers Associations* with 36.7, 45.8 and 34.7 percent respectively. On the other hand, the Western Region had the highest percentage of Ag HHs that reported having accessed Extension Services on Training (33.5 %) from *NAADS* while the Northern Region had the highest percentage of Ag HHs that reported having accessed Extension Services on Training (44.2 %) from *Others'* service provider category.

It is worth noting that the Central Region had the least percentages of Ag HHs that received Extension Services for *NAADS*, *Other Gov't (Crops)* and *Farmers' Association* with 15.4, 19.6 and 15.7 percent respectively.

The details are provided in Table 3.12(a) and Table 3.12(b) and district level data is provided in Annex 1 Table A3.11.

**Table 3.12(a): Ag HHS receiving Extension Services on Training by source**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Assoc	Others
Central	52,946	7,093	3,078	7,483	15,184
Eastern	102,250	13,244	8,629	16,508	26,207
Northern	73,941	8,177	4,713	12,794	43,054
Western	115,211	7,611	2,416	10,829	12,984
<b>Uganda</b>	<b>344,347</b>	<b>36,124</b>	<b>18,835</b>	<b>47,614</b>	<b>97,429</b>

**Table 3.12(b): Percentage Distribution of Ag HHS that received Extension Services on Training by source**

Region	Source of Extension Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Central	15.4	19.6	16.3	15.7	15.6
Eastern	29.7	36.7	45.8	34.7	26.9
Northern	21.5	22.6	25.0	26.9	44.2
Western	33.5	21.1	12.8	22.7	13.3
<b>Uganda</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

### 3.4 Sources of Agricultural Information

During the UCA 2008/09, data was collected on whether Ag HHs received information on:

- i) Weather;
- ii) Crop varieties;
- iii) New agricultural practices;
- iv) Farm machinery;
- v) Credit facilities;
- vi) Plant diseases and pests; and,
- vii) Marketing.

For each of the sources of agricultural information mentioned above, Ag HHs were asked whether the main source of information was: Radio, Television, Telephone, Internet, Newspapers, Magazines/Bulletins, Extension Workers, Farmer to Farmer, NAADS, Agricultural Shows/Exhibitions and Other.

#### 3.4.1 Ag HHs that received Agricultural Information by source.

It should be noted that an Ag HH could have reported having received information on each agricultural subject from a different source. Therefore, the Ag HHs across the different agricultural subjects (for anyone given source) on which agricultural information was collected are not additive.

Radio and Farmer to Farmer were the most important sources through which most Ag HHs received information on agriculture. The highest percentage of Ag HHs that got information on Weather (85.0 %), Farm Machinery (43.8 %) and Credit Facilities (50.2 %) received it over the Radio while the highest

percentage of Ag HHs that got information on Crop Varieties (43 %), New Agricultural Practices (39.5 %), Plant Diseases and Pests (45.4 %) and Marketing (50.7 %) received it through Farmer to Farmer.

Out of 3.6 million Ag HHs, 3.3 million (90.5 %) Ag HHs reported having receiving information on Weather from various sources. This was closely followed by Crop Varieties with 3.1 million Ag HHs (87.1 %), Plant Diseases and Pests with 3.0 million Ag HHs (84.6 %). Further, the results indicated there were 2.0 million Ag HHs (55.8 %) who reported having received information from various sources on Farm Machinery.

The details are provided in Table 3.13

**Table 3.13: Percentage of Ag HHs that received Information on Ag subject by Source**

Source of agric information	Information on:						
	Weather	Crop varieties	New agricultural practices	Farm machinery	Credit facilities	Plant diseases and pests	Marketing
Radio	85.0	39.0	35.9	43.8	50.2	37.7	38.1
Television	0.8	0.8	0.6	0.8	0.4	0.3	0.4
Newspapers	0.3	0.7	1.0	1.8	1.2	0.6	0.6
Extension workers	0.3	4.5	5.9	3.9	2.7	5.4	2.1
Farmer to Farmer	11.9	43.0	39.5	32.2	35.3	45.4	50.7
NAADS	0.4	9.3	13.4	7.1	4.9	7.7	3.5
Agricultural shows	0.2	1.1	1.6	4.4	0.5	1.1	0.8
Other	0.8	1.4	1.4	5.2	4.4	1.1	2.6
<b>Total</b>	<b>3,258,999</b>	<b>3,134,009</b>	<b>2,806,512</b>	<b>2,007,621</b>	<b>2,299,887</b>	<b>3,046,419</b>	<b>2,890,741</b>

### 3.4.2 Ag HHs that received information on Weather by source and Region

Out of the 3.3 million Ag HHs that reported to have received information on Weather from various major sources, 2.8 million (85.0 %) received it over the Radio.

The highest percentage of Ag HHs that received Weather information through Television (59.8 %) and Extension Workers (39.8 %) was from the Central Region while most Ag HHs that received this same information through Radio (30.8 %) and Agricultural shows/exhibitions (43.6 %) were from the Eastern Region. The Western Region had the highest percentage of Ag HHs that received this information through News Papers (41.1 %) and NAADS (53.8 %). The Eastern and Western Regions each had the highest percentage of Ag HHs that received this information through Farmer to Farmer with 29.6 percent .

The details are provided in Table 3.14 and district level data is provided in Annex 1 Table A3.12.

**Table 3.14: Percentage of Ag HHs that received information on Weather by source and Region**

Region	Source						
	Radio	Television	News papers	Extension workers	Farmer to farmer	NAADS	Agric shows/ exhibitions
Central	20.5	59.8	6.6	39.8	19.6	3.4	17.8
Eastern	30.8	26.5	17.9	14.8	29.6	25.3	43.9
Northern	20.8	1.9	34.4	20.4	21.2	17.5	3.8
Western	27.9	11.8	41.1	25	29.6	53.8	34.6
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Uganda</b>	<b>2,771,390</b>	<b>26,033</b>	<b>10,017</b>	<b>11,268</b>	<b>388,910</b>	<b>11,857</b>	<b>5,058</b>

### 3.4.3 Ag HHs that received information on Crop Varieties by source and Region

The results reveal that out of the 3.1 million Ag HHs that reported to have received information on Crop Varieties from various major sources, the highest number of 1.3 million (43.0 %), received it from Farmer to Farmer .

The Eastern Region had the highest percentage of Ag HHs that reported receiving Crop Varieties information through Radio (33 %) and through Agricultural shows/exhibitions (40.7 %). The highest percentage of Ag HHs that received this same information through Extension Workers (32.7 %) was from the Northern Region while the Western Region had the highest percentage of Ag HHs that received Crop Varieties information through NAADS (30.4 %). The Eastern and Western Regions each had the highest percentage of Ag HHs that received this information through Farmer to Farmer with 30.8 percent .

The details are provided in Table 3.15 and district level data is provided in Annex 1 Table A3.13.

**Table 3.15: Percentage of Ag HHs that received information on Crop Variety by source and Region**

Region	Source						
	Radio	Television	News papers	Extension workers	Farmer to farmer	NAADS	Agric shows/ exhibitions
Central	19.2	31.3	21.5	20.2	21.2	13.6	11.9
Eastern	33	23.2	20.9	25.8	30.8	28.8	40.7
Northern	21.4	28.2	27.2	32.7	17.2	27.2	26.3
Western	26.4	17.2	30.4	21.3	30.8	30.4	21.1
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Uganda</b>	<b>1,222,006</b>	<b>23,951</b>	<b>20,995</b>	<b>139,604</b>	<b>1,346,956</b>	<b>290,483</b>	<b>33,704</b>

### 3.4.4 Ag HHs that received information on New Agricultural Practices by source and Region

The census revealed that out of the 2.8 million Ag HHs that reported to have received information on New Agricultural Practices from various major sources, the highest number of 1,107,000 (36.3 %), received it from *Farmer to Farmer*.

The Western Region had the highest percentage of Ag HHs that reported receiving New Agricultural Practices information through *Farmer to Farmer* (31.4 %) and *NAADS* (33.7 %). The highest percentage of Ag HHs that received this same information through *Radio* (31.8 %), *Extension workers* (32.0 %) and



*Agricultural Shows/Exhibitions* (47.4 %) was from the Eastern Region while the Central Region had the highest percentage of Ag HHs that received New Agricultural Practices information through *Television* (48.5 %).

The details are provided in Table 3.16 and district level data is provided in Annex 1 Table A3.14.

**Table 3.16: Percentage of Ag HHs that received information on New Agricultural Practice by source and Region**

Region	Source						
	Radio	Television	News papers	Extension workers	Farmer to farmer	NAADS	Agric shows/ exhibitions
Central	19.1	48.5	18.5	20.2	21.8	13.7	22.6
Eastern	31.8	20.8	27.5	32.0	30.4	29.7	47.4
Northern	19.8	5.2	23.6	29.2	16.4	22.9	16.4
Western	29.4	25.6	30.4	18.6	31.4	33.7	13.6
Total	100	100	100	100	100	100	100
<b>Uganda</b>	<b>1,006,371</b>	<b>16,613</b>	<b>27,975</b>	<b>164,258</b>	<b>1,107,356</b>	<b>377,014</b>	<b>45,422</b>

### 3.4.5 Ag HHs that received information on Farm Machinery by source and Region

The census results revealed that, out of the 2.0 million Ag HHs that reported to have received information on Farm machinery from various major sources, the highest number 880,000 (43.8%), received it from Radio.

The Eastern Region had the highest percentage of Ag HHs that received agricultural information on Farm Machinery through Radio (33.1 %), Farmer to Farmer (35.4 %), Extension workers (36.3 %) NAADS (38.2 %) and Agricultural shows/exhibition (44.3 %). The Central Region had the highest percentage of Ag HHs that received agricultural information on Farm Machinery through Television (53.3 %) while the highest percentage of Ag HHs that received this information through Newspapers was from the Western Region with 41.5 percent.

The details are provided in Table 3.17 and district level data is provided in Annex 1 Table A3.15.

**Table 3.17: Percentage of Ag HHs that received information on Farm Machinery by source and Region**

Region	Source						
	Radio	Television	News papers	Extension workers	Farmer to farmer	NAADS	Agric shows/ exhibitions
Central	20.1	53.3	8.2	14.1	19	8.5	28.7
Eastern	33.1	33.1	27	36.3	35.4	38.2	44.3
Northern	22.1	2.2	23.4	28.7	15.9	31.9	17.4
Western	24.6	11.4	41.5	20.9	29.8	21.4	9.6
Total	100	100	100	100	100	100	100
<b>Uganda</b>	<b>880,074</b>	<b>15,900</b>	<b>35,411</b>	<b>78,085</b>	<b>647,053</b>	<b>141,905</b>	<b>88,613</b>

### 3.4.6 Ag HHs that received information on Credit Facilities by source and Region

The census results revealed that out of the 2.3 million Ag HHs that reported to have received information on Credit Facilities from various major sources, the highest number of 1.2 million (50.2 %), received it from Radio.

The Western Region had the highest percentage of Ag HHs that reported receiving Credit Facilities information through Newspapers (37.3 %) and NAADS (32.1 %). The highest percentage of Ag HHs that received this same information through Radio (33.7 %), Television (50.7 %), Farmer to Farmer (32.0 %), Agricultural shows/exhibition (39.2 %) was from the Eastern Region while the Northern Region had the highest percentage of Ag HHs that received Credit Facilities information through Extension Workers (38.6 %).

The details are provided in Table 3.18 and district level data is provided in Annex 1 Table A3.16

**Table 3.18: Percentage of Ag HHs that received information on Credit facility by source and Region**

Region	Percentage of Ag HHs that received information on Credit facility by source by Region						
	Radio	Television	News papers	Extension workers	Farmer to farmer	NAADS	Agric shows/exhibitions
Central	19.4	27.9	16.1	13.8	20.4	16.2	14.9
Eastern	33.7	50.7	21.4	28	32	29.6	39.2
Northern	20.2	3.9	25.2	38.6	17.1	22.1	13.3
Western	26.7	17.5	37.3	19.6	30.4	32.1	32.6
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Uganda</b>	<b>1,155,563</b>	<b>9,401</b>	<b>27,613</b>	<b>61,680</b>	<b>811,494</b>	<b>112,170</b>	<b>10,408</b>

### 3.4.7 Ag HHs that received information on Plant diseases and pests by source and Region

The census results show that out of 3.0 million Ag HHs that reported to have received information on Plant diseases and pests from various major sources, the highest number of 1.4 million (46.7 %), received it from Farmer to Farmer.

The Western Region had the highest percentage of Ag HHs that reported receiving Plant Diseases and Pests information through Newspapers (30.0 %) and NAADS (33.8 %). The highest percentage of Ag HHs that received this same information through Radio (31.5 %), Farmer to Farmer (31.0 %) and Agricultural shows/exhibition (44.6 %) was from the Eastern Region while the Northern Region had the highest percentage of Ag HHs that received Plant Diseases and Pests information through Extension Workers (29.2 %).

The details are provided in Table 3.19 and district level data is provided in Annex 1 Table A3.17.

**Table 3.19: Percentage of Ag HHs that received information on Plant Diseases and Pests by source and Region**

Region	Source						
	Radio	Televi-sion	News papers	Extension workers	Farmer to farmer	NAADS	Agric shows/ exhibitions
Central	18.0	57.7	15.5	19.1	24.5	11.9	10.0
Eastern	31.5	21.5	28.6	28.7	31.0	26.4	44.6
Northern	19.4	10.5	25.9	29.4	16.3	27.8	21.6
Western	31.1	10.3	30.0	22.9	28.2	33.8	23.8
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Uganda</b>	<b>1,149,459</b>	<b>9,450</b>	<b>19,678</b>	<b>164,557</b>	<b>1,383,576</b>	<b>234,142</b>	<b>33,268</b>

### 3.4.8 Ag HHs that received information on Marketing by source and Region

The census results show that out of 2.9 million Ag HHs that reported having received information on Marketing from various major sources, the highest percentage (51.7 %) received it through Farmer to Farmer.

The highest percentage of Ag HHs that received Marketing information through Extension Workers (35.9 %) was from the Northern Region. The Western Region had the highest percentage of Ag HHs that reported receiving information on Marketing through Radio (30.6 %), News Papers (38.1 %) NAADS (32.3 %) and most Ag HHs that received information through Farmer to Farmer were from the Eastern Region with 34.1 percent. The highest percentage of Ag HHs from the Central Region received this information through the Television (53.1 %).

The details are provided in Table 3.20 and district level data is provided in Annex 1 Table A3.18.

**Table 3.20: Percentage of Ag HHs that received information on Marketing by source and Region**

Region	Source						
	Radio	Televi-sion	News papers	Extension workers	Farmer to farmer	NAADS	Agric shows/ exhibitions
Central	16.2	53.1	16.6	12.2	25.6	14.1	15.1
Eastern	29.1	24.6	24.5	23.9	34.1	28	14.4
Northern	24.1	9.7	20.7	35.9	14.7	25.7	38.5
Western	30.6	12.7	38.1	28	25.6	32.3	32
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Uganda</b>	<b>1,102,593</b>	<b>11,582</b>	<b>17,017</b>	<b>60,285</b>	<b>1,466,815</b>	<b>99,817</b>	<b>23,321</b>

### 3.5 Access to Credit

The UCA collected information on credit for agricultural purposes which were taken to refer to any type of credit received for purposes related to the operations of the agricultural holding. This included credit for purchasing crop and livestock inputs, constructing farm buildings and, purchasing farm machinery but excluded those not related to agricultural purposes such as construction of the holders' house, for other family businesses or for consumption expenditure.

The results show that only 10 percent of the Ag HHs countrywide ever accessed credit in the past five years. The Western Region recorded the highest percentage (14.4 %) of its Ag HHs that accessed credit

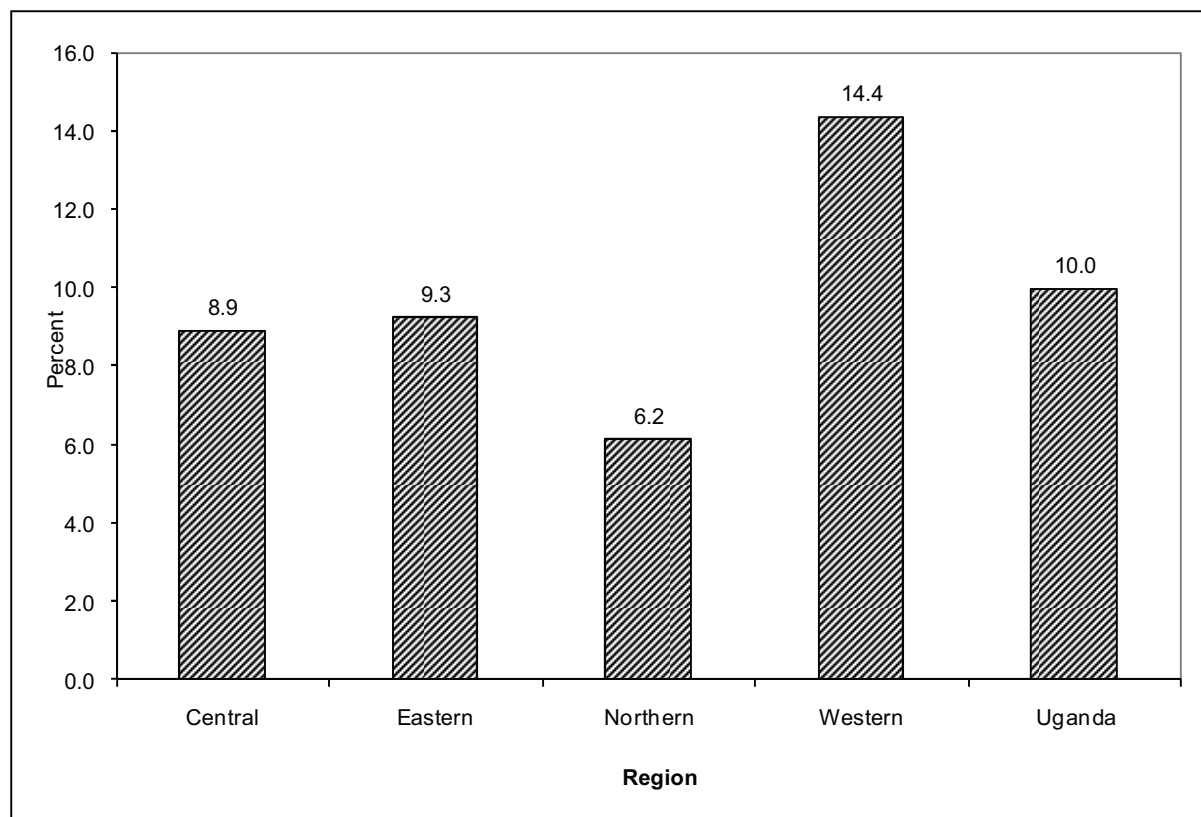
followed by the Eastern Region with 9.3 percent while the Northern Region had the lowest percentage (6.2 %).

The details are provided in Table 3.21 and district level data is provided in Annex 1 Table A3.19.

**Table 3.21: Percentage Distribution of Ag HHs that accessed Credit over the past five years**

Region	Ag HHs	Ag HHs that accessed Credit over the past five years	
		Ag HHs	% within Region
Central	715,486	63,987	8.9
Eastern	1,069,885	99,802	9.3
Northern	755,701	46,505	6.2
Western	1,033,992	148,523	14.4
<b>Uganda</b>	<b>3,575,064</b>	<b>358,817</b>	<b>10.0</b>

**Figure 3.2: Percentage of Ag HHs that accessed Credit over the past five years by Region**



### 3.5.1 Commercial Banks

Out of the 359,000 Ag HHs that reported having accessed credit for agricultural purposes over the past 5 years, 37,000 (10.3 %) received it from Commercial Banks.

Analysis within regions revealed that the Eastern Region with 12.1 percent had the highest percentage of its Ag HHs that received credit from Commercial Banks followed by the Northern Region with 10.9 percent while the Western Region had the least (8.9 %).

**Table 3.22: Number and Percent of Ag HHs that accessed Credit over the past five years from Commercial Banks**

Region	Ag HHs that reported accessing credit over past 5 years	Ag HHs that accessed Credit from Commercial Banks	
		Ag HHs	% within Region
Central	63,987	6,720	10.5
Eastern	99,802	12,057	12.1
Northern	46,505	5,075	10.9
Western	148,523	13,210	8.9
<b>Uganda</b>	<b>358,817</b>	<b>37,063</b>	<b>10.3</b>

#### 3.5.1.1 Loan purpose

*Trading in Agricultural Produce* was the major purpose for borrowing funds from commercial banks reported by 11,000 (3.0 %) Ag HHs out of 357,000 that reported having accessed credit for agricultural purposes followed by *Agricultural Labour* with 9,000 Ag HHs (2.5 %) while *Fertilisers* were the least with 0.2 percent. It is worth noting that no Ag HHs reported getting credit for purposes of financing *Apiculture*, *Agro chemicals* and *Aquaculture*.

In terms of regions, the Western Region had the highest percentage (53.3 %) of Ag HHs that received credit for *Trading in Agricultural Produce* followed by the Eastern Region with 19.4 percent while the Central Region had the least with 13.3 percent. The Western Region again, had the highest percentage of Ag HHs that reported getting *Credit for Seeds* (56.6 %) followed by the Central Region (27.5 %). On the other hand the Eastern Region had the highest percentage of Ag HHs that accessed *Credit for Livestock/ Agricultural Labour* and *Farm Implements and Machinery* with 37.3, 35.8 and 35.9 percent respectively while the Central Region had the highest percentage (38.6 %) of Ag HHs that had accessed credit for *Fertiliser*.

The details are provided in Table 3.23.

**Table 3.23: Percentage Distribution of Ag HHs that accessed Credit over the past five years from commercial banks by Loan Purpose and Region**

Region	Ag HHs that reported Loan Purpose as:						
	Agricultural Labour	Seeds	Fertiliser	Farm Implements & Machinery	Livestock	Trading agricultural produce	Other agricultural
Central	14.9	27.5	38.6	33.8	29.0	13.3	15.5
Eastern	35.8	11.1	31.7	35.9	37.3	19.4	48.4
Northern	16.9	4.9	0.0	19.2	11.8	14.0	13.0
Western	32.3	56.6	29.6	11.0	21.9	53.3	23.0
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Uganda</b>	<b>8,977</b>	<b>1,345</b>	<b>619</b>	<b>1,514</b>	<b>3,774</b>	<b>10,674</b>	<b>8,080</b>

### 3.5.1.2 Loan Period

The census results revealed that 20,000 (57.9 %) Ag HHs out of 37,000 Ag HHs that reported receiving credit for agricultural purposes from commercial banks, received credit for a loan period of less than 1 year while those that received credit for a period of 1-3 years and greater than 3 years were 35.9 and 6.1 percent respectively.

The within region analysis revealed that Western Region had the highest percentage (61.6 %) of its Ag HHs that received credit for loan period of *less than 1 year* closely followed by the Eastern Region with 60.8 percent while the Northern Region reported the least (47.1 %). Regarding the loan of period *1-3 years*, the Northern Region with 45.5 percent had the highest followed by the Central Region (37.6 %) while the Eastern Region reported the least (31.5 %). In the case of loan period *greater than 3 years*, the Central Region had the highest (9.6 %) followed by the Eastern Region with 7.7 percent while the Western Region had the least (2.6 %).

The details are provided in Table 3.24.

**Table 3.24: Percentage Distribution of Ag HHs that accessed Credit over the past five years by loan period by Region**

Region	Ag HHs that reported loan period	Ag HHs that reported Loan Period as:						Total
		< 1 year	%	1 - 3 years	%	> 3 years	%	
<b>Central</b>	6,364	3,357	52.7	2,394	37.6	613	9.6	100
<b>Eastern</b>	11,404	6,934	60.8	3,589	31.5	881	7.7	100
<b>Northern</b>	4,376	2,062	47.1	1,992	45.5	322	7.4	100
<b>Western</b>	13,065	8,046	61.6	4,676	35.8	343	2.6	100
<b>Uganda</b>	<b>35,209</b>	<b>20,399</b>	<b>57.9</b>	<b>12,651</b>	<b>35.9</b>	<b>2,159</b>	<b>6.1</b>	<b>100</b>

### 3.5.1.3 Loan Amount (UGX) Received and Outstanding

The national average loan amount received from commercial banks was UGX 1.37 million. The Western Region had the highest average loan amount (UGX 1.54 million) followed by the Central Region (UGX 1.46 million while the Eastern Region had the Least (UGX 1.15 million).

In terms of outstanding loan amounts, the national average stood at UGX 565,000. The Central Region had the highest average outstanding loan amounts with UGX 918,000 followed by the Eastern Region with UGX 565,000 while the Northern Region had the least with UGX 385,000.

The details are provided in Table 3.25.

**Table 3.25: Average Loan Amount (UGX) Received and Outstanding Loan Amounts by Region**

Region	Average Loan Amount received	Average Loan Amount Outstanding
Central	1,458,366	917,522
Eastern	1,154,606	565,026
Northern	1,304,236	384,558
Western	1,543,243	500,319
<b>Uganda</b>	<b>1,371,040</b>	<b>565,104</b>

### 3.5.2 Micro Finance Institutions (MFIs)

Out of the 359,000 Ag HHs that reported having accessed credit for agricultural purposes over the past 5 years, 103,000 (28.7 %) received it from MFIs.

Analysis within regions revealed that the Western Region with 33.6 percent had the highest percentage of its Ag HHs that received credit from MFIs followed by the Central Region with 31.6 percent while the Eastern Region had the least (22.1 %).

**Table 3.26: Number and Percent of Ag HHs that accessed Credit over the past five years from MFIs**

Region	Ag HHs that reported accessing Credit over past 5 years	Ag HHs that accessed Credit from MFIs	
		Ag HHs	% within Region
Central	63,987	20,202	31.6
Eastern	99,802	22,076	22.1
Northern	46,505	10,969	23.6
Western	148,523	49,837	33.6
<b>Uganda</b>	<b>358,817</b>	<b>103,084</b>	<b>28.7</b>

#### 3.5.2.1 Loan purpose

*Trading in Agricultural Produce* was the major purpose for borrowing funds from MFIs reported by 31,500 (8.8 %) Ag HHs out of 357,000 that reported accessing credit for agricultural purposes followed by *Agricultural labour* with 25,000 Ag HHs (7.0 %) while *Aquaculture* was the least with 0.1 percent.

In terms of regions, the Western Region had the highest percentage (49.8 %) of Ag HHs that received credit for *Trading in Agricultural Produce* followed by the Eastern Region with 24.9 percent while the Central Region had the least with 11.2 percent. The Western Region again, had the highest percentages of Ag HHs that reported to have got credit for *Seeds, Agricultural Labour and Livestock* with 63.7, 49.1 and 43.5 respectively. On the other hand, the Central Region had the highest percentages of Ag HHs accessing credit for *Agro Chemicals, Fertilisers and Farm Implements and Machinery* with 54.0, 44.6 and 42.5 percent respectively while the Northern and Eastern Regions had the least percentages of Ag HHs receiving credit from MFIs for *Agro Chemicals, and Fertilisers* with 0.0 and 4.0 percent respectively.

The details are provided in Table 3.27.

**Table 3.27: Percentage Distribution of Ag HHs that accessed Credit over the past five years from MFIs by Loan Purpose by Region**

Region	Ag HHs that reported Loan Purpose as:								
	Agricultural Labour	Seeds	Fertiliser	Agro chemicals	Farm Implements & Machinery	Livestock	Aquaculture	Trading agricultural produce	Other agricultural
Central	21.0	12.4	44.6	54.0	42.5	31.8	0.0	11.2	22.8
Eastern	19.8	14.3	4.0	6.5	21.3	18.7	41.4	24.9	33.1
Northern	10.1	9.6	10.0	0.0	10.3	6.0	47.1	14.1	10.7
Western	49.1	63.7	41.4	39.5	26.0	43.5	11.5	49.8	33.4
<b>Total</b>	100	100	100	100	100	100	100	100	100
<b>Uganda</b>	<b>24,869</b>	<b>15,519</b>	<b>2,480</b>	<b>1,455</b>	<b>1,764</b>	<b>11,957</b>	<b>503</b>	<b>31,452</b>	<b>10,723</b>

### 3.5.2.2 Loan period

The census results revealed that 21,000 (57.8 %) Ag HHs out of 36,000 Ag HHs that responded to the question on loan period for credit accessed from MFIs, received credit for a loan period of *less than 1 year* while those that received it for a period of *1-3 years* and *greater than 3 years* were 36.2 and 6.1 percent respectively.

The within region analysis revealed that Western Region had the highest percentage (61.2 %) of its Ag HHs that received credit for loan period of *less than 1 year* closely followed by the Eastern Region with 60.3 percent while the Northern Region reported the least (49.8 %). Regarding the loan of period *1-3 years*, the Northern Region with 43.8 percent had the highest followed by the Central Region (37.3 %) while the Eastern Region reported the least (32.2 %). In the case of loan period *greater than 3 years*, the Central Region had the highest (10.4 %) followed by the Eastern Region with 7.5 percent while the Western Region had the least (2.6 %).

The details are provided in Table 3.28.

**Table 3.28: Percentage Distribution of Ag HHs that accessed Credit from MFIs over the five years preceding the reference year by Loan Period and Region**

Region	Ag HHs that reported loan period	Ag HHs that reported loan period as:						Total
		< 1 year	%	1 - 3 years	%	> 3 years	%	
Central	6,415	3,357	52.3	2,394	37.3	664	10.4	100
Eastern	11,680	7,043	60.3	3,756	32.2	881	7.5	100
Northern	5,074	2,528	49.8	2,224	43.8	322	6.3	100
Western	13,296	8,141	61.2	4,812	36.2	343	2.6	100
<b>Uganda</b>	<b>36,465</b>	<b>21,069</b>	<b>57.8</b>	<b>13,186</b>	<b>36.2</b>	<b>2,210</b>	<b>6.1</b>	<b>100</b>

### 3.5.2.3 Loan Amount (UGX) Received and Outstanding

The national average loan amount received from Microfinance Institutions in the 5 years preceding the reference year was UGX 651,000. The Northern Region had the highest average loan amount (UGX 781,000) followed by the Eastern Region (UGX 751,000) while the Western Region had the Least (UGX 548,000).



In terms of outstanding loan amounts, the national average stood at UGX 366,000. The Central Region had the highest average outstanding loan amounts with UGX 551,000 followed by the Northern Region with UGX 484,000 while the Western Region had the least with UGX 229,000.

The details are provided in Table 3.29.

**Table 3.29: Average loan amount (UGX) received and Outstanding Loan Amounts by Region**

Region	Average Loan Amount received	Average Loan Amount Outstanding
Central	728,025	550,820
Eastern	750,501	397,998
Northern	780,814	483,660
Western	548,150	229,121
<b>Uganda</b>	<b>650,955</b>	<b>366,047</b>

### 3.5.3 Money Lenders

Out of the 359,000 Ag HHs that reported having accessed credit for agricultural purposes over the past 5 years, 41,000 (11.4 %) received it from *Money Lenders*.

Analysis within regions revealed that each of the Central and Eastern Regions with 12.8 percent had the highest percentage of its Ag HHs that received credit from *Money Lenders* followed by the Western Region with 11.2 percent while the Northern Region had the least (7.4 %).

**Table 3.30: Number and Percent of Ag HHs that accessed Credit over the past five years from Money Lenders**

Region	Ag HHs that reported accessing credit over past 5 years	Ag HHs that accessed credit from Money Lenders	
		Ag HHs	% within Region
Central	63987	8,193	12.8
Eastern	99802	12,757	12.8
Northern	46505	3,438	7.4
Western	148523	16,564	11.2
<b>Uganda</b>	<b>358,817</b>	<b>40,950</b>	<b>11.4</b>

#### 3.5.3.1 Loan purpose

*Trading in Agricultural Produce* was the major purpose for borrowing funds from Money lenders reported by 13,000 (3.7 %) Ag HHs out of 357,000 as having accessed credit followed by *Agricultural Labour* with 12,000 Ag HHs (3.3 %) while *Agro Chemicals* were the least with 0.1 percent. It is worth noting that no Ag HHs reported ever getting credit for purposes of financing *Apiculture* and *Aquaculture*.

In terms of regions, the Western Region had the highest percentage (60.8 %) Ag HHs that received credit for *Trading in Agricultural Produce* followed by the Eastern Region with 23 percent while the Northern Region had the least with 6.7 percent. The Western Region again, had the highest percentage of Ag HHs

getting credit for *Agro Chemicals* (55.6 %) followed by the Central Region (44.4 %). On the other hand the Central Region had the highest percentage of Ag HHs that accessed credit for *Agricultural Labour* while the Eastern Region had the highest percentages of Ag HHs that accessed credit from money lenders to finance *Fertilisers, Farm Implements and Machinery, Seeds and Livestock*.

The details are provided in Table 3.31.

**Table 3.31: Percentage Distribution of Ag HHs by Loan Purpose and Region**

Region	Loan Purpose							
	Agricultural Labour	Seeds	Fertiliser	Agro chemicals	Farm Implements & Machinery	Livestock	Trading agricultural produce	Other agricultural
Central	39.4	8.0	15.6	44.4	25.2	30.0	9.4	11.7
Eastern	31.9	42.4	54.9	0.0	42.8	38.3	23.1	26.4
Northern	9.2	11.1	0.0	0.0	32.0	5.3	6.7	5.2
Western	19.6	38.5	29.6	55.6	0.0	26.3	60.8	56.7
<b>Total</b>	100	100	100	100	100	100	100	100
<b>Uganda</b>	<b>11,693</b>	<b>6,317</b>	<b>1,816</b>	<b>507</b>	<b>876</b>	<b>2,100</b>	<b>13,221</b>	<b>41,00</b>

### 3.5.3.2 Loan Period

The census results revealed that 36,000 (91.2 %) Ag HHs out of 39,000 Ag HHs that responded to the question on loan period for credit accessed from *Money Lenders*, received credit for a loan period of *less than 1 year* while those that received it for a period of *1-3 years* were 8.8 percent and no Ag HH reported a loan period *greater than 3 years*.

The within region analysis revealed that Eastern Region had the highest percentage (92.5 %) of its Ag HHs that received credit for loan period of *less than 1 year* closely followed by the Central Region with 91.9 percent while the Northern Region reported the least (86.9 %). Regarding the loan of period *1-3 years*, the Northern Region with 13.1 percent had the highest followed by the Western Region (9.3 %) while the Eastern Region reported the least (7.5 %). In the case of loan period *greater than 3 years*, no Ag HH reported this period.

The details are provided in Table 3.32.

**Table 3.32: Percentage Distribution of Ag HHs by Loan Period and Region**

Region	Ag HHs that reported loan period	Ag HHs that reported Loan Period as:						Total
		< 1 year	%	1 - 3 years	%	> 3 years	%	
<b>Central</b>	8,116	7458	91.9	658	8.1	0	0.0	100
<b>Eastern</b>	12,235	11316	92.5	919	7.5	0	0.0	100
<b>Northern</b>	3,061	2660	86.9	401	13.1	0	0.0	100
<b>Western</b>	15,742	14276	90.7	1466	9.3	0	0.0	100
<b>Uganda</b>	<b>39,154</b>	<b>35,710</b>	<b>91.2</b>	<b>3,444</b>	<b>8.8</b>	<b>0</b>	<b>0.0</b>	<b>100</b>

### 3.5.3.3 Loan Amount (UGX) Received and Outstanding

The national average loan amount received from Money Lenders was UGX 290,000. The Central Region had the highest average loan amount (UGX 337,000) followed by the Western Region (UGX 306,000) while the Eastern Region had the Least (UGX 237,000).

In terms of outstanding loan amounts, the national average stood at UGX 84,000. The Central Region had the highest average outstanding loan amounts with UGX 152,000 followed by the Eastern Region with UGX 91,000 while the Western Region had the least with UGX 58,000.

The details are provided in Table 3.33.

**Table 3.33: Average Loan Amount received and Outstanding Loan Amounts by Region (UGX)**

Region	Average Loan Amount Received	Average Loan Amount Outstanding
Central	336,776	152,137
Eastern	237,386	90,828
Northern	288,025	62,120
Western	306,413	58,321
<b>Uganda</b>	<b>289,662</b>	<b>84,266</b>

### 3.5.4 Self Help Group

Out of the 359,000 Ag HHs that reported having accessed credit for agricultural purposes over the past 5 years, 111,000 (30.8 %) received it from *Self-help Group*.

Analysis within regions revealed that the Northern Region with 41.6 percent had the highest percentage of its Ag HHs that received credit from any *Self-help Group* followed by the Western Region with 37.0 percent while the Central Region had the least (18.4 %).

**Table 3.34: Number and Percent of Ag HHs that accessed Credit over the past five years from Self-help Group**

Region	Ag HHs that reported accessing credit over past 5 years	Ag HHs that accessed Credit from Self-help Group	
		Ag HHs	% within Region
Central	63987	11,767	18.4
Eastern	99802	24,538	24.6
Northern	46505	19,333	41.6
Western	148523	55,013	37.0
<b>Uganda</b>	<b>358,817</b>	<b>110,652</b>	<b>30.8</b>

#### 3.5.4.1 Loan purpose

*Agricultural Labour* was the major purpose for accessing credit from *Self Help Groups* reported by 35,000 (9.7 %) Ag HHs out of 357,000 Ag HHs that reported having accessed credit for agricultural purposes followed by *Trading in Agricultural Produce* with 22,000 (6.2 %) Ag HHs and closely followed by *Seeds* with 20,000 (5.7 %). It is worth noting that no Ag HHs reported getting credit from *Self Help Groups* for purposes of financing *Apiculture, Agro Chemicals and Aquaculture*.

In terms of regions, the Western Region had the highest percentages of Ag HHs that received credit for *Fertilisers* (93.8 %), *Seeds* (69.8 %), *Trading in Agricultural Produce* (49.7 %), *Agricultural Labour* (44.0 %) and *Livestock* (41.3 %). On the other hand the Eastern Region had the highest percentage of Ag HHs that accessed credit for *Farm Implements and Machinery* with 38.5 percent while the Central Region had the highest percentage (34.4 %) regarding access to credit for *Agrochemicals*.

The details are provided in Table 3.35.

**Table 3.35: Percentage of Ag HHs by Loan Purpose and Region**

Region	Ag HHs that reported Loan Purpose as:							
	Agricultural Labour	Seeds	Fertiliser	Agro chemicals	Farm Implements & Machinery	Livestock	Trading agricultural produce	Other agricultural
Central	4.7	7.7	0.0	34.4	4.1	22.6	6.1	24.1
Eastern	26.1	10.4	6.1	26.5	38.5	32.1	22.3	24.0
Northern	25.2	12.1	0.0	10.5	21.4	4.1	21.8	8.0
Western	44.0	69.8	93.8	28.5	35.9	41.3	49.7	43.9
<b>Total</b>	100	100	100	100	100	100	100	100
<b>Uganda</b>	<b>34,578</b>	<b>20,407</b>	<b>1,422</b>	<b>2,144</b>	<b>3,472</b>	<b>7,132</b>	<b>22,153</b>	<b>14,983</b>

### 3.5.4.2 Loan Period

The census results revealed that 92,000 (89.8 %) Ag HHs out of 102,000 Ag HHs that responded to the question on loan period for credit accessed from Self-help Group, received credit for a loan period of *less than 1 year* while those that received it for a period of *1-3 years* and *greater than 3 years* were 8.0 and 2.2 percent respectively.

The within region analysis revealed that Eastern Region had the highest percentage (92.9 %) of its Ag HHs that received credit for loan period of *less than 1 year* closely followed by the Western Region with 91.9 percent while the Northern Region reported the least (82.5 %). Regarding the loan of period *1-3 years*, the Northern Region with 14.5 percent had the highest followed by the Central Region (12.8 %) while the Eastern Region reported the least (5.6 %). In the case of loan period *greater than 3 years*, the Northern Region had the highest (3.1 %) followed by the Western Region with 2.3 percent while the Eastern Region had the least (1.4 %).

. The details are provided in Table 3.36.

**Table 3.36: Percentage of Ag HHs by Loan Period and Region**

Region	Ag HHs that reported loan period	Ag HHs that reported Loan Period as:						Total
		< 1 year	%	1 - 3 years	%	> 3 years	%	
<b>Central</b>	10,595	9,041	85.3	1,353	12.8	201	1.9	100
<b>Eastern</b>	22,572	20,973	92.9	1,272	5.6	327	1.4	100
<b>Northern</b>	17,702	14,596	82.5	2,566	14.5	540	3.1	100
<b>Western</b>	51,127	46,984	91.9	2,990	5.8	1,153	2.3	100
<b>Uganda</b>	<b>101,996</b>	<b>91,594</b>	<b>89.8</b>	<b>8,181</b>	<b>8.0</b>	<b>2,221</b>	<b>2.2</b>	<b>100</b>

### 3.5.4.3 Loan Amount (UGX) Received and Outstanding

The national average loan amount received from Self Help Group was UGX 191,000. The Central Region had the highest average loan amount (UGX 290,000) followed by the Western Region (UGX190,000) while the Eastern Region had the least (UGX 157,000).

In terms of outstanding loan amounts, the national average stood at UGX 106,000. The Central Region had the highest average outstanding loan amounts with UGX 192,000 followed by the Eastern Region with UGX 170,000 while the Western Region had the least with UGX 81,000.

The details are provided in Table 3.37.

**Table 3.37: Average Loan Amount received and outstanding Loan Amounts by Region (UGX)**

Region	Average Loan Amount received	Average Loan Amount Outstanding
Central	290,245	192,636
Eastern	157,347	169,794
Northern	180,699	123,781
Western	189,500	81,088
<b>Uganda</b>	<b>190,597</b>	<b>106,462</b>

### 3.5.5 Internal (Family and Friends) Loan

Out of the 359,000 Ag HHs that reported having accessed credit for agricultural purposes over the past 5 years, 63,000 (17.6 %) received it from *Internal (Family and friends)*.

Analysis within regions revealed that the Eastern Region with 30.8 percent had the highest percentage of its Ag HHs that received credit from *Internal (Family and friends)* followed by the Central Region with 15.4 percent while the Northern Region had the least (6.2 %).

**Table 3.38: Number and Percent of Ag HHs that accessed Credit over the past five years from Internal (Family and friends) Loans**

Region	Ag HHs that reported accessing credit over past 5 years	Ag HHs that accessed Credit from Internal (Family and friends)	
		Ag HHs	% within Region
Central	63987	9,861	15.4
Eastern	99802	30,750	30.8
Northern	46505	2,907	6.2
Western	148523	19,626	13.2
<b>Uganda</b>	<b>358,817</b>	<b>63,143</b>	<b>17.6</b>

#### 3.5.5.1 Loan purpose

*Agricultural Labour* was the major purpose for borrowing funds from *Internal (Family and Friends)* reported by 18,000 (4.9 %) Ag HHs out of 357,000 that had accessed credit for agricultural purposes followed by *Seeds* with 14,000 (3.8 %) Ag HHs while *Agro Chemicals* were the least with 0.3 percent. It is worth noting that no Ag HHs reported having accessed credit for purposes of financing *Apiculture* and *Aquaculture*.

In terms of regions, the Eastern Region had the highest percentage (49.4 %) of Ag HHs that had received credit from *Internal (Family and Friends)* for *Agricultural Labour* followed by the Western Region with 31.2 percent while the Northern Region had the least with 4.2 percent. The Eastern Region, in addition, had the highest percentages of Ag HHs getting credit for *Seeds*, *Farm Implements and Machinery* and *Trading in Agricultural Produce* with 55.0, 43.9 and 51.4 percent respectively. On the other hand the Western Region had the highest percentages of Ag HHs that had access to credit from *Internal (Family and Friends)* for *Livestock and Fertilisers*.

The details are provided in Table 3.39.

**Table 3.39: Percentage of Ag HHs by Loan Purpose and Region**

Region	Ag HHs that reported Loan Purpose as:							
	Agricultural Labour	Seeds	Fertiliser	Agro chemicals	Farm Implements & Machinery	Livestock	Trading agricultural produce	Other agricultural
Central	15.2	4.9	49.1	40.0	24.3	11.3	18.1	20.7
Eastern	49.4	55.0	0.0	39.7	43.9	33.5	51.4	51.8
Northern	4.2	5.4	0.0	10.5	3.0	8.2	7.3	2.1
Western	31.2	34.8	50.9	9.8	28.9	47.0	23.2	25.4
<b>Total</b>	100	100	100	100	100	100	100	100
<b>Uganda</b>	<b>17,505</b>	<b>13,662</b>	<b>1,074</b>	<b>1,060</b>	<b>2,769</b>	<b>5,313</b>	<b>7,142</b>	<b>13,629</b>

### 3.5.5.2 Loan period

The census results revealed that 55,000 (93.8 %) Ag HHs out of 59,000 Ag HHs that responded to the question on loan period for credit accessed from Internal (Family and friends), received credit for a loan period of *less than 1 year* while those that received it for a period of *1-3 years* were 6.2 percent and no Ag HHs reported *greater than 3 years*.

The within region analysis revealed that Eastern Region had the highest percentage (97.2 %) of its Ag HHs that received credit for loan period of *less than 1 year* followed by the Western Region with 92.7 percent while the Central Region reported the least (85.2 %). Regarding the loan of period *1-3 years*, the Central Region with 14.8 percent had the highest followed by the Northern Region (9.2 %) while the Eastern Region reported the least (2.8 %). In the case of loan period *greater than 3 years*, the Central Region had the highest (10.4 %) followed by the Eastern Region with 7.5 percent while the Western Region had the least (2.6 %). In the case of loan period *greater than 3 years*, no Ag HH reported this period.

The details are provided in Table 3.40.

**Table 3.40: Percentage of Ag HHs by Loan Period and Region**

Region	Ag HHs that reported loan period	Ag HHs that reported Loan Period as:						Total
		< 1 year	%	1 - 3 years	%	> 3 years	%	
<b>Central</b>	8,826	7,522	85.2	1,304	14.8	0	0.0	100
<b>Eastern</b>	29,714	28,881	97.2	833	2.8	0	0.0	100
<b>Northern</b>	2,822	2,563	90.8	259	9.2	0	0.0	100
<b>Western</b>	17,448	16,175	92.7	1,273	7.3	0	0.0	100
<b>Uganda</b>	<b>58,810</b>	<b>55,141</b>	<b>93.8</b>	<b>3,669</b>	<b>6.2</b>	<b>0</b>	<b>0.0</b>	<b>100</b>

### 3.5.5.3 Loan Amount (UGX) Received and Outstanding

The national average loan amount received from *Internal (Family and Friends)* was UGX 106,000. The Central Region had the highest average loan amount (UGX 226,000) followed by the Northern Region (Ugx 113,000) while the Eastern Region had the Least (UGX 76,000).

In terms of outstanding loan amounts, the national average stood at UGX 87,000. The Central Region had the highest average outstanding loan amounts with UGX 157,000 followed by the Western Region with UGX 96,000 while the Northern had the least with UGX 27,000.

The details are provided in Table 3.41.

**Table 3.41: Average Loan Amount (UGX) received and Outstanding Loan Amounts by Region**

Region	Average Loan Amount received	Average Loan Amount Outstanding
Central	226,011	156,919
Eastern	76,239	42,344
Northern	113,532	27,065
Western	93,843	95,776
<b>Uganda</b>	<b>106,057</b>	<b>87,251</b>

### 3.5.6 NGO Loans

Out of the 359,000 Ag HHs that reported having accessed credit for agricultural purposes over the past 5 years, 10,000 (2.9 %) received it from NGOs.

Analysis within regions revealed that the Northern Region with 8.0 percent had the highest percentage of its Ag HHs that received credit from NGOs followed by each of the Central and Western Regions with 2.4 percent while the Eastern Region had the least (1.6 %).

**Table 3.42: Number and Percent of Ag HHs that accessed Credit over the past five years from NGOs**

Region	Ag HHs that reported accessing Credit over past 5 years	Ag HHs that accessed Credit from NGOs	
		Ag HHs	% within Region
Central	63987	1,546	2.4
Eastern	99802	1,572	1.6
Northern	46505	3,732	8.0
Western	148523	3,500	2.4
<b>Uganda</b>	<b>358,817</b>	<b>10,349</b>	<b>2.9</b>

#### 3.5.6.1 Loan Purpose

Trading in Agricultural Produce was the major purpose for borrowing funds from NGOs reported by 2,100 (0.6 %) Ag HHs out of 357,000 as having accessed credit for agricultural purposes followed by Agricultural Labour with 2,000 Ag HHs (0.6 %). It is worth noting that no Ag HHs reported having got credit from NGOs for purposes of financing Apiculture, Fertilisers, Agro Chemicals, Farm Implements and Machinery and Aquaculture.

In terms of regions, the Northern Region had the highest percentages 42.7, 30.9 percent of Ag HHs that received credit for Agricultural Labour and Trading in Agricultural Produce respectively. On the other hand the Eastern Region had the highest percentage of Ag HHs that had accessed credit from NGOs for Seeds with 47.6 percent.

The details are provided in Table 3.43.

**Table 3.43: Percentage of Ag HHs by Loan Purpose and Region**

Region	Ag HHs that reported Loan Purpose as:							
	Agricultural Labour	Seeds	Fertiliser	Agro chemicals	Farm Implements & Machinery	Livestock	Trading agricultural produce	Other agricultural
Central	5.9	0.0	0.0	0.0	0.0	49.2	26.0	0.0
Eastern	15.1	47.6	0.0	0.0	0.0	12.1	20.8	0.0
Northern	42.7	33.6	0.0	0.0	0.0	38.8	30.9	0.0
Western	36.2	18.8	0.0	0.0	0.0	0.0	22.3	0.0
<b>Total</b>	100	100	0.0	0.0	0.0	100	100	0.0
<b>Uganda</b>	<b>2,027</b>	<b>1,348</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>787</b>	<b>2,096</b>	<b>0</b>

**3.5.6.2 Loan period**

The census results revealed that 8,000 (85.0 %) Ag HHs out of 10,000 Ag HHs that responded to the question on loan period for credit accessed from NGOs, received credit for a loan period of *less than 1 year* while those that received it for a period of *1-3 years* were 15.0 percent and no Ag HHs reported *greater than 3 years*.

The within region analysis revealed that Western Region had the highest percentage (92.1 %) of its Ag HHs that received credit for loan period of *less than 1 year* followed by the Northern Region with 84.1 percent while the Central Region reported the least (77.2 %). Regarding the loan of period *1-3 years*, the Central Region with 22.8 percent had the highest followed by the Eastern Region (19.3 %) while the Western Region reported the least (7.9 %). In the case of loan period *greater than 3 years*, no Ag HH reported this period.

The details are provided in Table 3.44.

**Table 3.44: Percentage of Ag HHs by Loan Period and Region**

Region	Ag HHs that reported loan period	Ag HHs that reported Loan Period as:						Total
		< 1 year	%	1 - 3 years	%	> 3 years	%	
<b>Central</b>	1,545	1,192	77.2	353	22.8	0	0.0	100
<b>Eastern</b>	1,572	1,268	80.7	304	19.3	0	0.0	100
<b>Northern</b>	3,335	2,806	84.1	529	15.9	0	0.0	100
<b>Western</b>	3,087	2,844	92.1	243	7.9	0	0.0	100
<b>Uganda</b>	<b>9,539</b>	<b>8,110</b>	<b>85.0</b>	<b>1,429</b>	<b>15.0</b>	<b>0</b>	<b>0.0</b>	<b>100</b>

**3.5.6.3 Loan Amount (UGX) Received and Outstanding**

The national average loan amount received from Non Governmental Organisations (NGOs) was UGX 271,000. The Western Region had the highest average loan amount (UGX 351,000) followed by the Central Region (UGX 245,000) while the Eastern Region had the Least (UGX 140,000).

In terms of outstanding loan amounts, the national average stood at UGX 168,000. The Northern Region had the highest average outstanding loan amounts with UGX 232,000 followed by the Western Region with UGX 171,000 while the Eastern Region had the least with UGX 10,000.

The details are provided in Table 3.32.



**Table 3.45: Average Loan Amount received and Outstanding Loan Amounts by Region (UGX)**

Region	Average Loan Amount received	Average Loan Amount Outstanding
Central	244,844	124,797
Eastern	140,477	9,606
Northern	233,605	232,142
Western	351,059	170,609
<b>Uganda</b>	<b>270,552</b>	<b>167,741</b>

### 3.5.7 Collateral /Security

Collateral is used to mean the security that is pledged for a loan of money. In the UCA collateral was used in a wider sense to also cover guarantee provided for the purchase of the goods and services. Out of the 357,000 Ag HHs in Uganda that reported having accessed credit in the five years preceding the reference period, 272,000 (76.0 %) Ag HHs were required to provide *Collateral/Security*.

In terms of regions, the Western Region had the highest percentage (78.9 %) of its Ag HHs that accessed credit and were required to provide *Collateral/Security* followed by the Central Region with 75.7 percent while the Northern Region reported the least with 72.2 percent.

.District level analysis shows that in Apac district, all the Ag HHs that accessed Credit were required by the source of loan/ credit to provide *Collateral/Security*.

The details are provided in Table 3.46 and district level data is provided in Annex 1 Table A3.20.

**Table 3.46: Number and percent of Ag HHs that had to provide Collateral/Security in order to access Credit**

Region	Ag HHs that Accessed Credit	Ag HHs that needed to provide Collateral Security	%
Central	63,987	48,431	75.7
Eastern	99,119	73,237	73.9
Northern	46,505	33,580	72.2
Western	147,404	116,255	78.9
<b>Uganda</b>	<b>357,014</b>	<b>271,503</b>	<b>76.0</b>

### 3.5.8 Type of Collateral/Security used

The census results show that out of the 272,000 Ag HHs that were required to provide collateral, 29.1 percent used their Land Titles followed by Character at 23.1 percent. The least commonly used type of *Collateral/Security* was Salary with 9.8 percent.

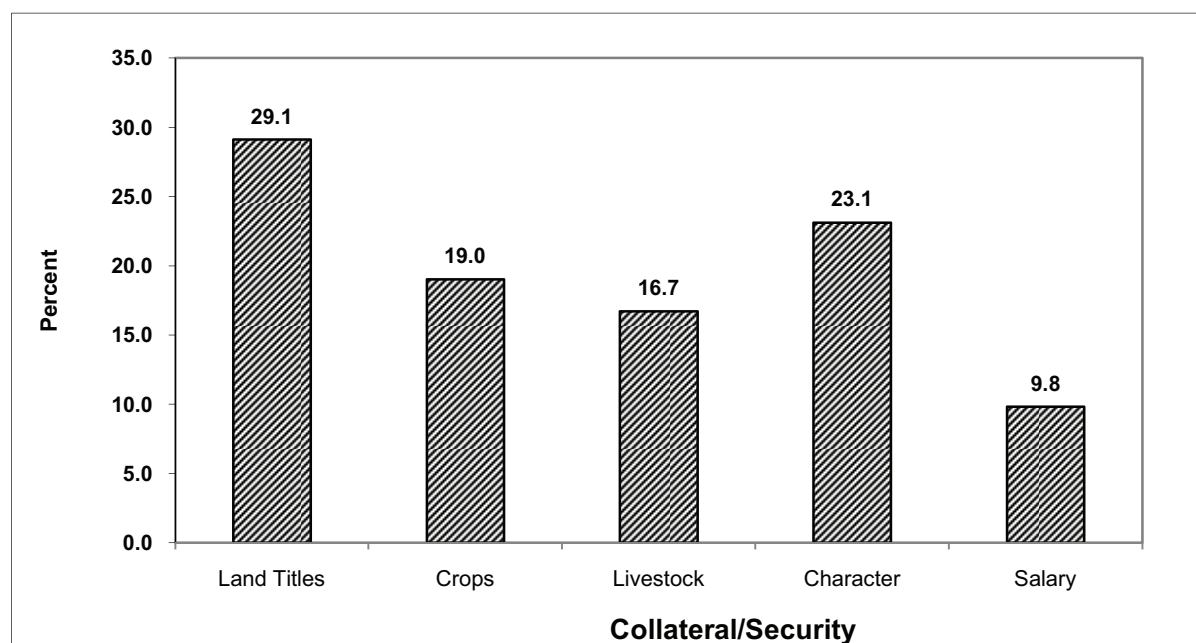
In terms of regions, *Character* was the most commonly used type of *Collateral/Security* in the Eastern and Central Regions with 31.8 and 24.9 percent respectively of their Ag HHs that provided *Collateral/Security* for their loans. As for the Northern Region, *Livestock* (31.9 %) was the most commonly used collateral while *Land Titles* were predominantly used in the Western Region with 40.5 percent.

The details are provided in Table 3.47 and district level data is provided in Annex 1 Table A3.21.

**Table 3.47: Percentage Distribution of Ag HHs by type of Collateral used**

Region	All holdings that provided collateral	Ag HHs that used Land titles	Ag HHs that used Crops	Ag, HHs that used Livestock	Ag HHs that used Character	Ag. HHs that used Salary
Central	48,431	19.3	23.8	13.0	24.9	8.7
Eastern	73,237	18.1	15.4	22.4	31.8	15.3
Northern	33,580	27.9	21.9	31.9	24.0	8.8
Western	116,255	40.5	18.4	10.1	16.4	7.0
<b>Uganda</b>	<b>271,503</b>	<b>29.1</b>	<b>19.0</b>	<b>16.7</b>	<b>23.1</b>	<b>9.8</b>

**Figure 3.3: Percentage Distribution of Ag HHs by type of Collateral/Security used**



### 3.5.9 Reason why members did not receive any Loan

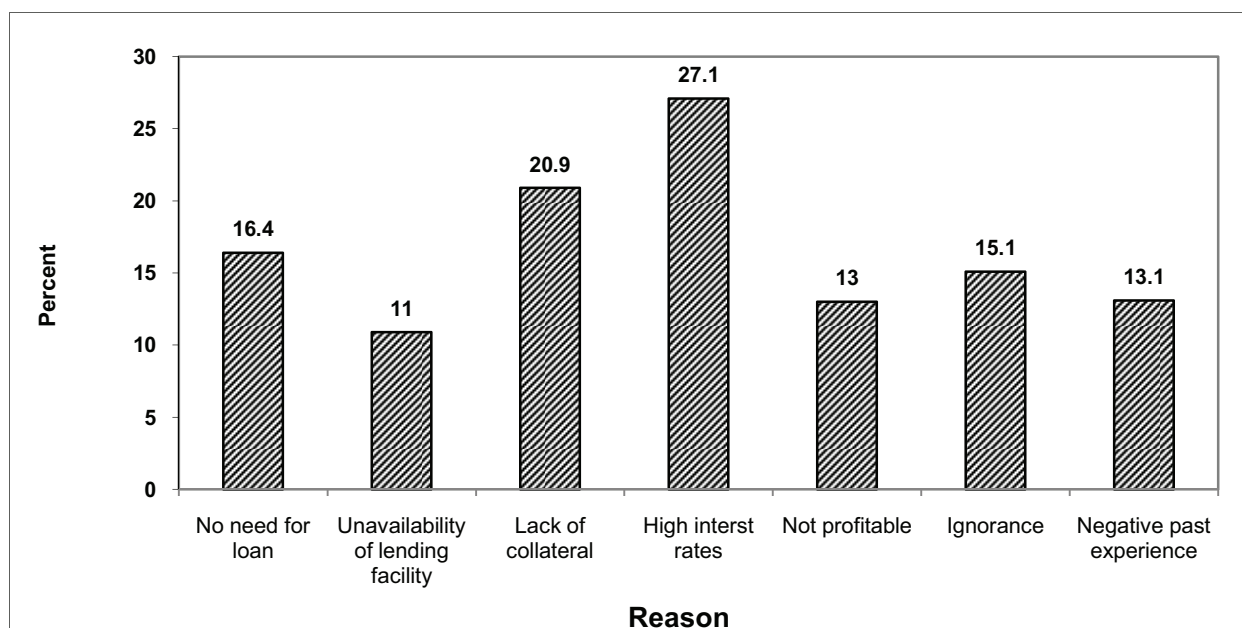
The results show that out of the 3.2 million Ag HHs that reported having not accessed credit in the 5 years preceding the reference period, 27.1 percent cited high Interest Rates as the main reason as to why they did not receive loans or credit. Lack of *Collateral/Security* (20.9 %), No need for credit (16.4 %) and Ignorance of the existence of facilities (15.1 %) were cited as the other reasons for not having received credit. This trend is consistent across regions.

The details are provided in Table 3.48 and district level data is provided in Annex 1 Table A3.22.

**Table 3.48: Percentage Distribution of Ag HHs that did not receive Credit by Reason for not receiving Credit**

Region	Ag HHs that did not receive credit by reason	No need for credit	Unavailability of lending facility	Lack of collateral	High interest rates	Not Profitable	Ignorance	Negative past experience
Central	651,499	24.0	11.9	24.1	31.5	16.6	18.7	17.1
Eastern	970,766	14.0	9.6	21.3	25.1	10.2	13.6	12.3
Northern	709,196	9.4	13.3	17.2	22.9	12	13.8	8.7
Western	886,589	19.1	9.7	21.1	29.6	14.1	15.0	14.4
<b>Uganda</b>	<b>3, 218,049</b>	<b>16.4</b>	<b>10.9</b>	<b>20.9</b>	<b>27.1</b>	<b>13</b>	<b>15.1</b>	<b>13.1</b>

**Figure 3.4: Percentage Distribution of Ag. HHs that did not receive Credit by Reason for not accessing Credit**



### 3.6 Access to facilities

Data/Information was collected on the holdings access to various facilities of special importance to agriculture namely:

- i) Local Produce Market
- ii) District Produce Market
- iii) Local Input Dealer/Farm Supply Shop
- iv) Extension Services
- v) Nurseries
- vi) Agricultural Research Centres
- vii) Public Transport
- viii) Feeder Roads
- ix) All Year Gravel Roads
- x) Tarmac Roads

### 3.6.1 Distance to the nearest Local Produce Market

The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *Local Produce Market* was 3.3 million. Out of 3.3 million Ag HHs, 120,000 (3.6 %), 1.2 million (34.9 %), 766,000 (23.2 %) and 1.3 million (38.3 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 Km and above* from the nearest *Local Produce Market* respectively.

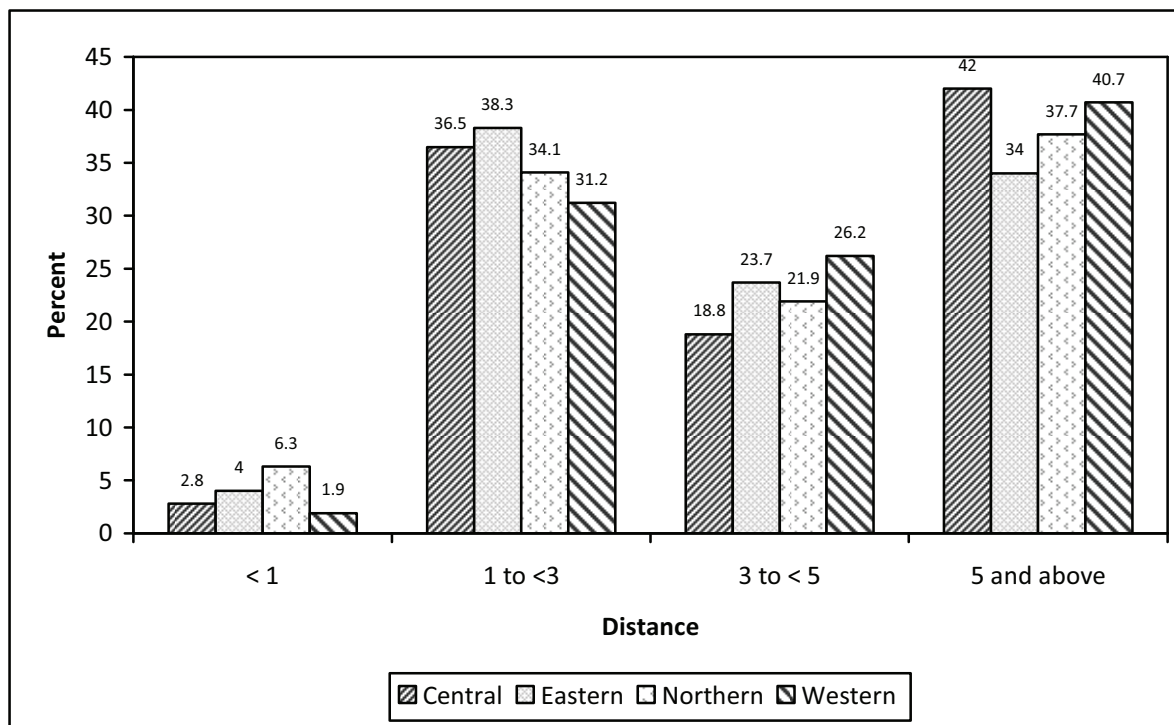
The within region analysis revealed that the Western Region had the highest percentage (58.1 %) of its Ag HHs that reported being *5 Km and above* from the nearest *Local Produce Market* followed by the Central Region with 42.0 percent while the Northern Region reported the least (26.7 %). Regarding *1 to 3 Km*, the Western Region, again, had the highest percentage (44.5 %) of its Ag HHs that reported being *1 to 3 Km* from the nearest *Local Produce Market* followed by the Eastern Region with 38.3 percent while the Northern Region reported the least (24.1 %).

The details are provided in Table 3.49 and Figure 3.5 and district level data is provided in Annex 1 Table A3.23.

**Table 3.49: Percentage Distribution of Ag HHs by Distance to the Nearest Local Produce Market**

Region	Ag HHs that responded	Ag HHs Distance to Local Produce Market								Total
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	
Central	626,790	17,397	2.8	228,675	36.5	117,678	18.8	263,040	42.0	100
Eastern	987,333	39,608	4.0	378,009	38.3	234,335	23.7	335,381	34.0	100
Northern	698,228	43,644	6.3	238,336	34.1	153,005	21.9	263,243	37.7	100
Western	996,015	19,076	1.9	310,506	31.2	260,963	26.2	405,470	40.7	100
<b>Uganda</b>	<b>3,308,368</b>	<b>119,726</b>	<b>3.6</b>	<b>1,155,526</b>	<b>34.9</b>	<b>765,982</b>	<b>23.2</b>	<b>1,267,134</b>	<b>38.3</b>	<b>100</b>

**Figure 3.5: Percentage Distribution of Ag HHs by Distance to the Nearest Local Produce Market**



### 3.6.2 Distance to the nearest District Produce Market

The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *District Produce Market* was 2.9 million. Out of 2.9 million Ag HHs, 23,000 (0.8 %), 154,000 (5.4 %), 199,000 (7.0 %) and 2.5 million (86.9 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 Km and above* from the nearest *District Produce Market* respectively.

The within region analysis revealed that the Eastern Region had the highest percentage (89.1 %) of its Ag HHs that reported being *5 Km and above* from the nearest *District Produce Market* followed by both the Western Region with 86.6 percent while the Central Region reported the least (84.6 %).

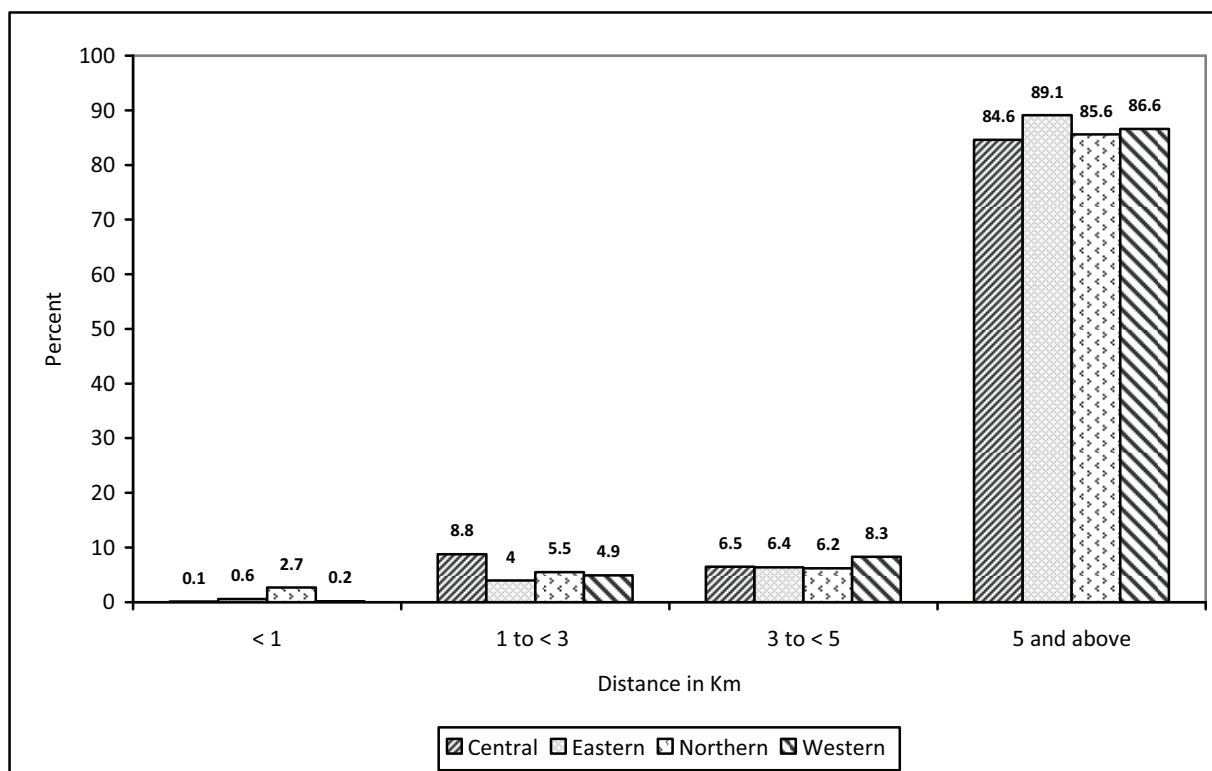
Regarding *3 to less than 5 Km*, the Western Region had the highest percentage (8.3 %) of its Ag HHs that reported being *3 to less than 5 Km* from the nearest *District Produce Market* followed by the Central Region with 6.5 percent while the Northern Region reported the least (6.2 %).

The details are provided in Table 3.50 and Figure 3.6 and district level data is provided in Annex 1 Table A3.24.

**Table 3.50: Percentage Distribution of Ag HHs by Distance to Nearest District Produce Market**

Region	Ag HHs that responded	Ag HHs Distance to District Produce Market								Total
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	
Central	474,012	633	0.1	41,808	8.8	30,742	6.5	400,829	84.6	100
Eastern	892,262	4,996	0.6	35,624	4.0	56,683	6.4	794,959	89.1	100
Northern	604,273	16,115	2.7	33,036	5.5	37,636	6.2	517,486	85.6	100
Western	893,506	1,630	0.2	43,621	4.9	74,061	8.3	774,194	86.6	100
<b>Uganda</b>	<b>2,864,053</b>	<b>23,374</b>	<b>0.8</b>	<b>154,089</b>	<b>5.4</b>	<b>199,123</b>	<b>7.0</b>	<b>2,487,467</b>	<b>86.9</b>	<b>100</b>

**Figure 3.6: Percent Distribution of Ag HHs to by distance to nearest District Produce Market**



### 3.6.3 Distance to the nearest Local input dealer/Farm supply shop

The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *Local input dealer/Farm supply shop* was 3.0 million. Out of 3.0 million Ag HHs, 81,000 (2.7 %), 807,000 (26.9 %), 585,000 (19.5 %) and 1.5 million (50.9 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 and above Km* from the nearest *Local input dealer/Farm supply shop* respectively

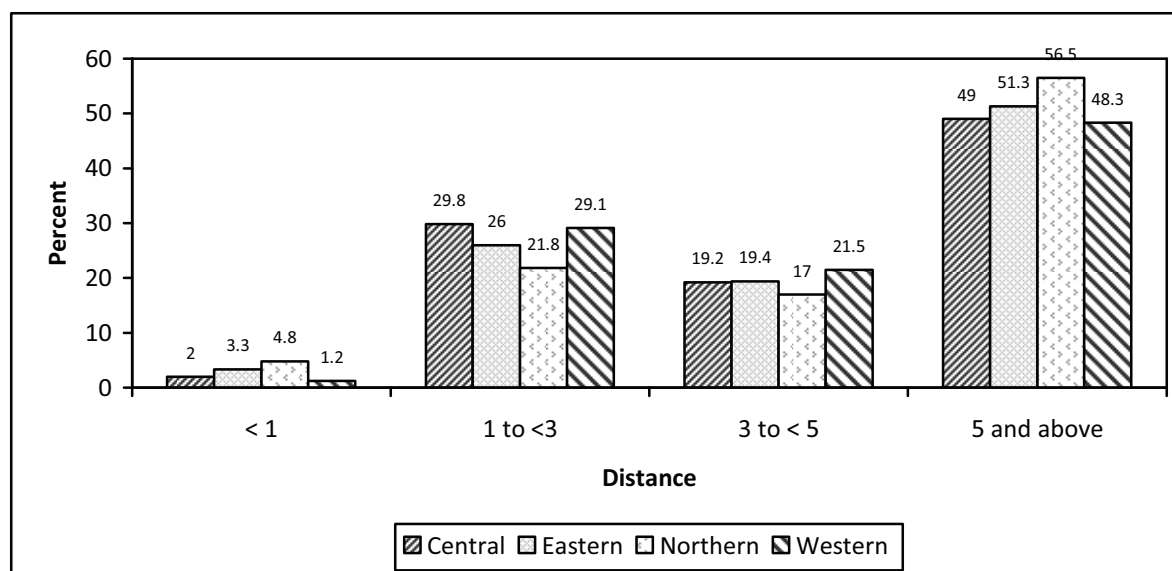
The within region analysis revealed that the Northern Region had the highest percentage (56.5 %) of its Ag HHs that reported being *5 Km and above* from the nearest *Local input dealer/Farm supply shop* followed by the Eastern Region with 53.1 percent while the Western Region reported the least (48.3 %). Regarding *1 to 3 Km*, the Central Region had the highest percentage (29.8 %) of its Ag HHs that reported being *1 to 3 Km* from the nearest *Local input dealer/Farm supply shop* followed by the Western Region with 29.1 percent while the Northern Region reported the least (21.8 %).

The details are provided in Table 3.51 and Figure 3.7 and district level data is provided in Annex 1 Table A3.25.

**Table 3.51: Ag HHs by Distance to the nearest Local Input Dealer/Farm supply shop**

Region	Ag HHs that responded	Ag HHs Distance to nearest Local Input Dealer/Farm supply shop								
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	Total
Central	602,963	12,319	2.0	179,772	29.8	115,558	19.2	295,314	49.0	100
Eastern	964,559	31,524	3.3	251,049	26.0	186,735	19.4	495,251	51.3	100
Northern	544,877	25,906	4.8	118,635	21.8	92,441	17.0	307,895	56.5	100
Western	886,653	10,778	1.2	257,715	29.1	190,251	21.5	427,909	48.3	100
Uganda	2,999,052	80,527	2.7	807,172	26.9	584,986	19.5	1,526,368	50.9	100

**Figure 3.7: Percentage Distribution of Ag HHs by Distance to the Nearest Local Input Dealer/Farm supply shop**



### 3.6.4 Distance to the nearest Extension Services

The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *Extension services* was 2.7 million. Out of 2.7 million Ag HHs, 40,000 (1.4 %), 469,000 (17.1 %), 496,000 (18.1 %) and 1.7 million (63.3 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 and above Km* from the nearest *Extension services* respectively.

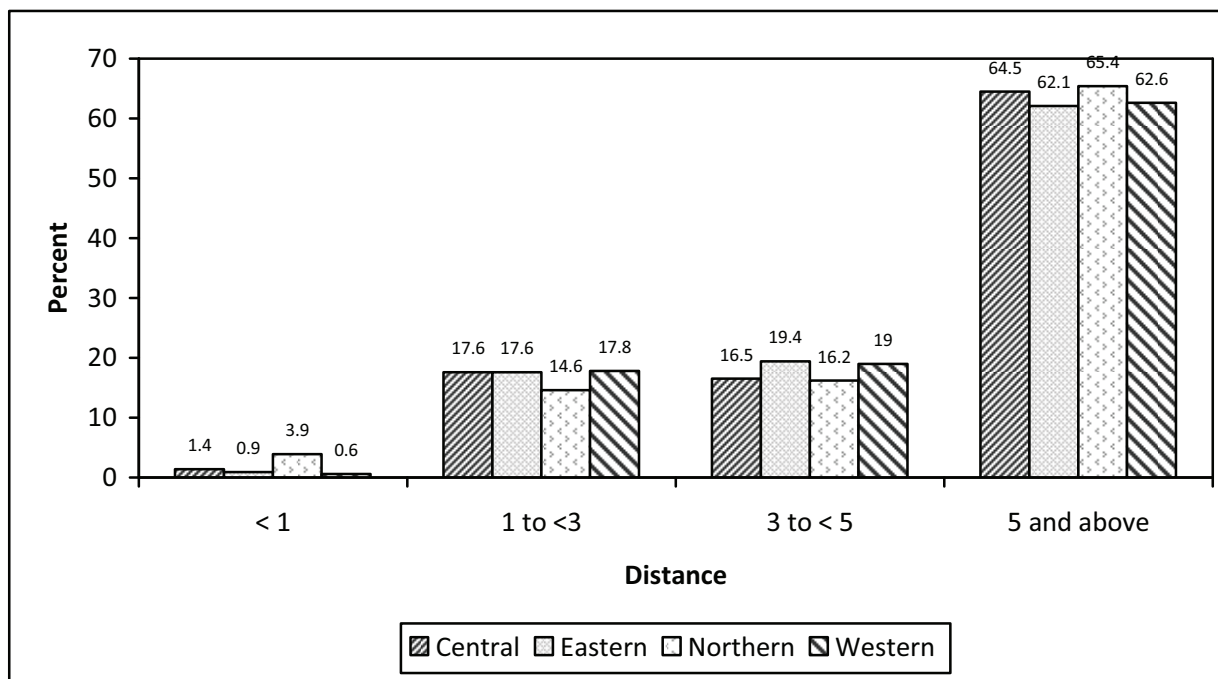
The within region analysis revealed that the Northern Region had the highest percentage (65.4 %) of its Ag HHs that reported being *5 Km and above* from the nearest *Extension services* followed by the Central Region with 64.5 percent while the Eastern Region reported the least (62.1 %). Regarding *3 to less than 5 Km*, the Eastern Region had the highest percentage (19.4 %) of its Ag HHs that reported being *3 to less than 5 Km* from the nearest *Extension services* followed by the Western Region with 19.0 percent while the Northern Region reported the least (16.2 %).

The details are provided in Table 3.52 and Figure 3.8 and district level data is provided in Annex 1 Table A3.26.

**Table 3.52: Ag HHs by Distance to the nearest Extension Services**

Region	Ag HHs that responded	Ag HHs Distance to nearest Extension Services								Total
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	
Central	539,223	7,511	1.4	94,791	17.6	89,010	16.5	347,911	64.5	100
Eastern	885,963	7,846	0.9	156,187	17.6	172,120	19.4	549,810	62.1	100
Northern	496,883	19,139	3.9	72,545	14.6	80,434	16.2	324,765	65.4	100
Western	815,994	5,097	0.6	145,410	17.8	154,701	19.0	510,786	62.6	100
Uganda	2,738,063	39,592	1.4	468,933	17.1	496,265	18.1	1,733,271	63.3	100

**Figure 3.8: Percentage Distribution of Ag HHs by Distance to the Nearest Extension Services**





### 3.6.5 Distance to the nearest Nursery

The number of Ag HHs that responded to having had Access to Facilities in relation to distance to Nursery was 2.5 million. Out of 2.5 million Ag HHs, 38,000(1.6 %), 477,000 (19.4 %), 347,000 (14.1 %) and 1.6 million (64.9 %), reported being at a distance of *less than 1 Km, 1 to less than 3 Km, 3 to less than 5 Km and 5 and above Km* from the nearest Nursery respectively.

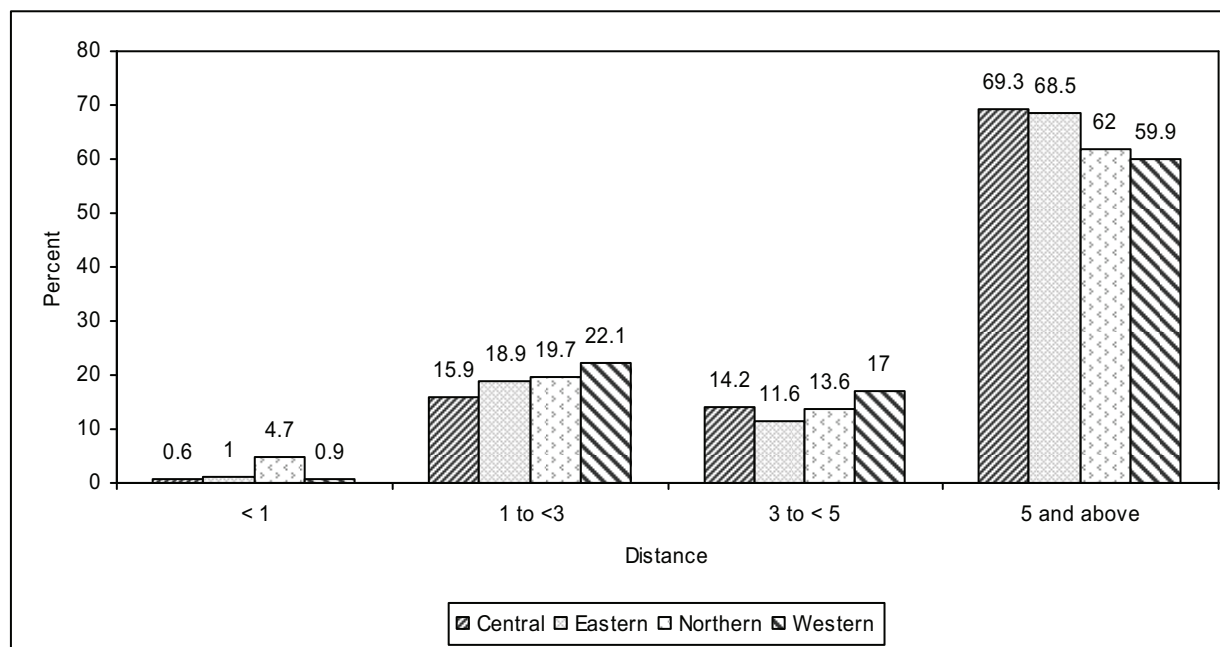
The within region analysis revealed that the Central Region had the highest percentage (69.3 %) of its Ag HHs that reported being *5 Km and above* from the nearest Nursery followed by the Eastern Region with 68.5 percent while the Western Region reported the least (59.9 %). Regarding *1 to 3 Km*, the Western Region had the highest percentage (22.1 %) of its Ag HHs that reported being *1 to 3 Km* from the nearest Nursery followed by the Northern Region with 19.7 percent while the Central Region reported the least (15.9 %).

The details are provided in Table 3.53 and Figure 3.9 and district level data is provided in Annex 1 Table A3.27.

**Table 3.53: Ag HHs by Distance to the Nearest Nursery**

Region	Ag HHs that responded	Ag HHs Distance to Nearest Nurseries								Total
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	
Central	483,853	3,058	0.6	76,822	15.9	68,752	14.2	335,221	69.3	100
Eastern	793,141	7,603	1.0	149,883	18.9	92,290	11.6	543,365	68.5	100
Northern	440,522	20,574	4.7	86,847	19.7	60,115	13.6	272,986	62.0	100
Western	738,511	6,975	0.9	163,251	22.1	125,892	17.0	442,393	59.9	100
Uganda	2,456,027	38,209	1.6	476,803	19.4	347,049	14.1	1,593,964	64.9	100

**Figure 3.9: Percentage Distribution of Ag HHs by Distance to the Nearest Nursery**





### 3.6.6 Distance to the nearest Agricultural Research Centre

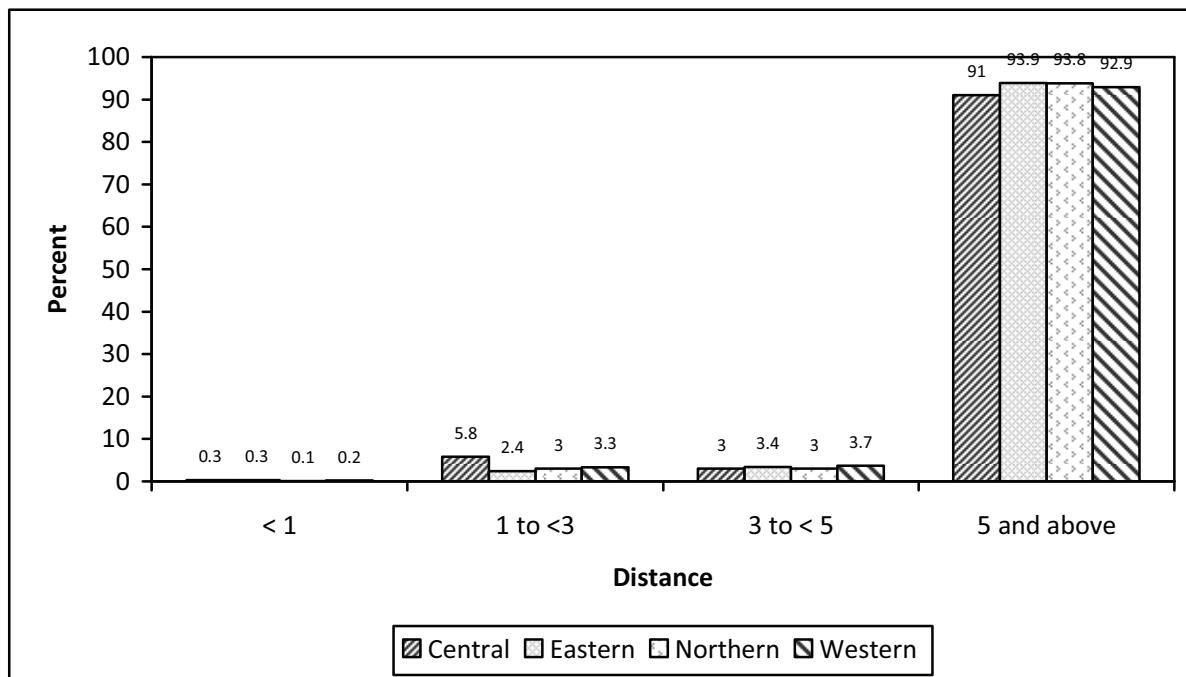
The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *Agricultural Research Centre* was 2.5 million. Out of 2.5 million Ag HHs, 6,000 (0.2 %), 87,000 (3.4 %), 85,000 (3.3 %) and 2.4 million (93.0 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 and above Km* from the nearest *Agricultural Research Centre* respectively. The within region analysis revealed that the Eastern Region had the highest percentage (93.9 %) of its Ag HHs that reported being *5 Km and above* from the nearest *Agricultural Research Centre* closely followed by the Northern Region with 93.8 percent while the Central Region reported the least (91.0 %). Regarding *1 to 3 Km*, the Central Region had the highest percentage (5.8 %) of its Ag HHs that reported being *1 to 3 Km* from the nearest *Agricultural Research Centre* followed by the Western Region with 3.3 percent while the Eastern Region reported the least (2.4 %).

The details are provided in Table 3.54 and Figure 3.10 and district level data is provided in Annex 1 Table A3.28.

**Table 3.54: Ag HHs by Distance to the nearest Agricultural Research Centre**

Region	Ag HHs that responded	Ag HHs Distance to nearest Agricultural Research Centre								Total
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	
Central	492,941	1,423	0.3	28,382	5.8	14,618	3.0	448,518	91.0	100
Eastern	808,088	2,386	0.3	19,424	2.4	27,756	3.4	758,522	93.9	100
Northern	461,676	686	0.1	13,736	3.0	13,987	3.0	433,267	93.8	100
Western	780,129	1,357	0.2	25,455	3.3	28,717	3.7	724,600	92.9	100
Uganda	2,542,834	5,852	0.2	86,997	3.4	85,077	3.3	2,364,907	93.0	100

**Figure 3.10: Percentage Distribution of Ag HHs by Distance to the Nearest Agricultural Research Centre**



### 3.6.7 Distance to the nearest Public Transport

The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *Public Transport* was 3.0 million. Out of 3.0 million Ag HHs, 133,000 (4.4 %), 1.3 million (42.1 %), 599,000 (19.7 %) and 1.0 million (33.8 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 and above Km* from the nearest *Public Transport* respectively.

The within region analysis revealed *1 to 3 Km*, the Central Region had the highest percentage (46.4 %) of its Ag HHs that reported being *1 to 3 Km* from the nearest *Public Transport* followed by the Eastern Region with 46.0 percent while the Northern Region reported the least (36.9 %).

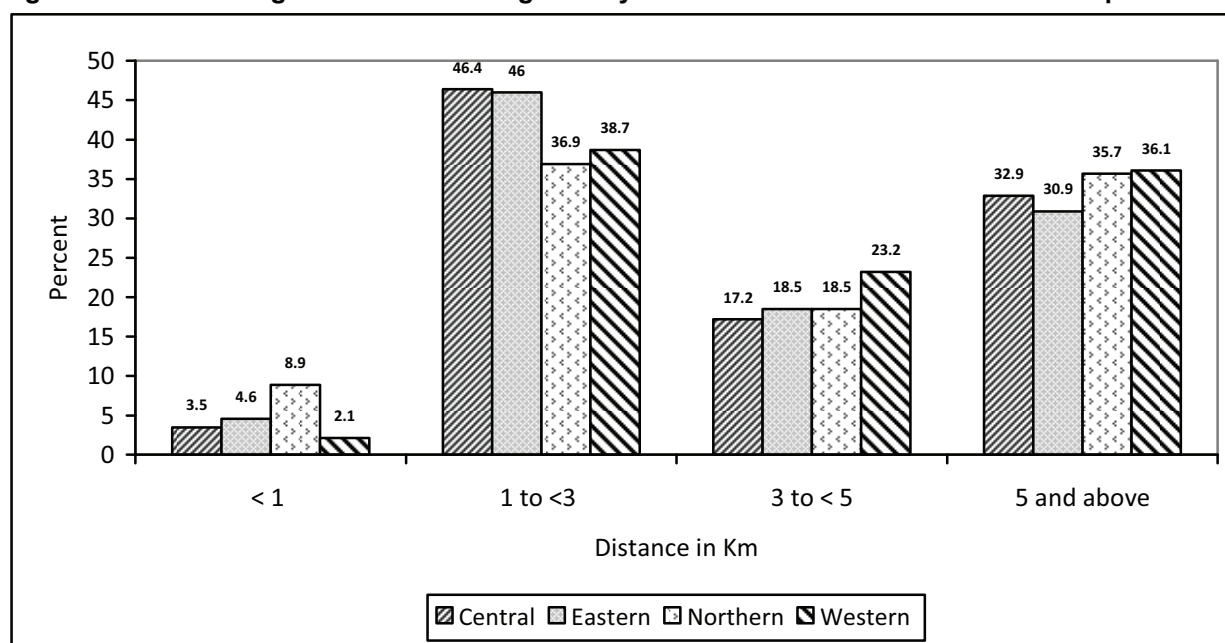
Regarding *5 Km and above*, the Western Region had the highest percentage (36.1 %) of its Ag HHs that reported being *5 Km and above* from the nearest *Public Transport* followed by the Northern Region with 35.7 percent while the Eastern Region reported the least (30.9 %).

The details are provided in Table 3.55 and Figure 3.11 and district level data is provided in Annex 1 Table A3.29.

**Table 3.55: Ag HHs by Distance to Public Transport**

Region	Ag HHs that responded	Ag HHs Distance to nearest Public Transport								Total
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	
Central	603,861	20,839	3.5	280,206	46.4	103,965	17.2	198,851	32.9	100
Eastern	933,028	42,805	4.6	429,379	46.0	172,855	18.5	287,989	30.9	100
Northern	565,147	50,076	8.9	208,804	36.9	104,627	18.5	201,640	35.7	100
Western	936,644	19,284	2.1	362,283	38.7	217,383	23.2	337,694	36.1	100
Uganda	3,038,680	133,005	4.4	1,280,672	42.1	598,830	19.7	1,026,173	33.8	100

**Figure 3.11: Percentage Distribution of Ag HHs by Distance to the Nearest Public Transport**



### 3.6.8 Distance to nearest Feeder Road

The number of Ag HHs that responded to having had Access to Facilities in relation to distance to *Feeder Road* was 3.0 million. Out of 3.0 million Ag HHs, 247,000(8.3 %), 1.9 million (64.2 %), 394,000 (13.2 %) and 430,000 (14.4 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 and above Km* from the nearest *Feeder Road* respectively.

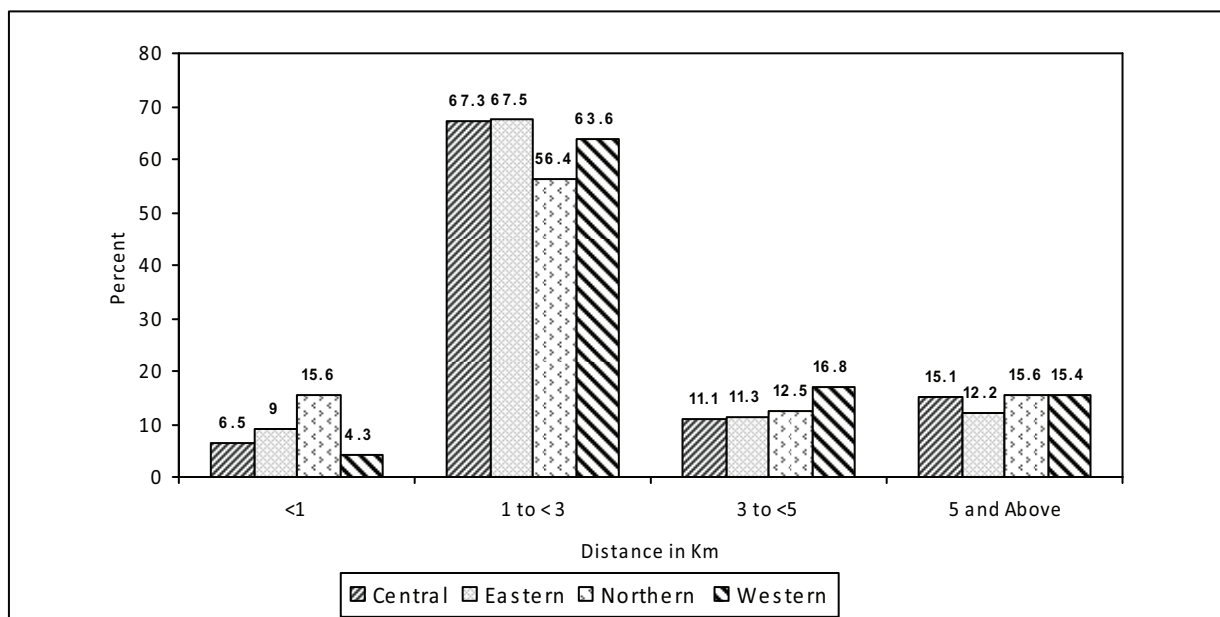
The within region analysis revealed 1 to 3 Km, the Eastern Region had the highest percentage (67.5 %) of its Ag HHs that reported being 1 to 3 Km from the nearest *Feeder Road* closely followed by the Central Region with 67.3 percent while the Northern Region reported the least (56.4 %). Regarding 5 Km and above, the Northern Region had the highest percentage (15.6 %) of its Ag HHs that reported being 5 Km and above from the nearest *Feeder Road* closely followed by the Western Region with 15.4 percent while the Eastern Region reported the least (12.2 %).

The details are provided in Table 3.56 and Figure 3.12 and district level data is provided in Annex 1 Table A3.30.

**Table 3.56: Ag HHs by Distance to nearest Feeder Road**

Region	Ag HHs that responded	Ag HHs Distance to nearest Feeder Road								
		< 1 km	%	1 to < 3 km	%	3 to <5 km	%	5 and above km	%	Total
Central	597,917	38,916	6.5	402,364	67.3	66,206	11.1	90,431	15.1	100
Eastern	901,440	81,200	9.0	608,607	67.5	102,045	11.3	109,588	12.2	100
Northern	560,102	87,266	15.6	315,741	56.4	69,831	12.5	87,264	15.6	100
Western	928,418	39,729	4.3	590,175	63.6	155,884	16.8	142,630	15.4	100
Uganda	2,987,877	247,111	8.3	1,916,888	64.2	393,966	13.2	429,913	14.4	100

**Figure 3.12: Percentage Distribution of Ag HHs by Distance to the Nearest Feeder Road**



### 3.6.9 Distance to the nearest All Year Round Gravel Road

The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *All year round gravel road* was 2.7 million. Out of 2.7 million Ag HHs, 160,000(5.9 %), 1.4 million (53.0 %), 395,000 (14.5 %) and 723,000 (26.6 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 and above Km* from the nearest *All year round gravel road* respectively.

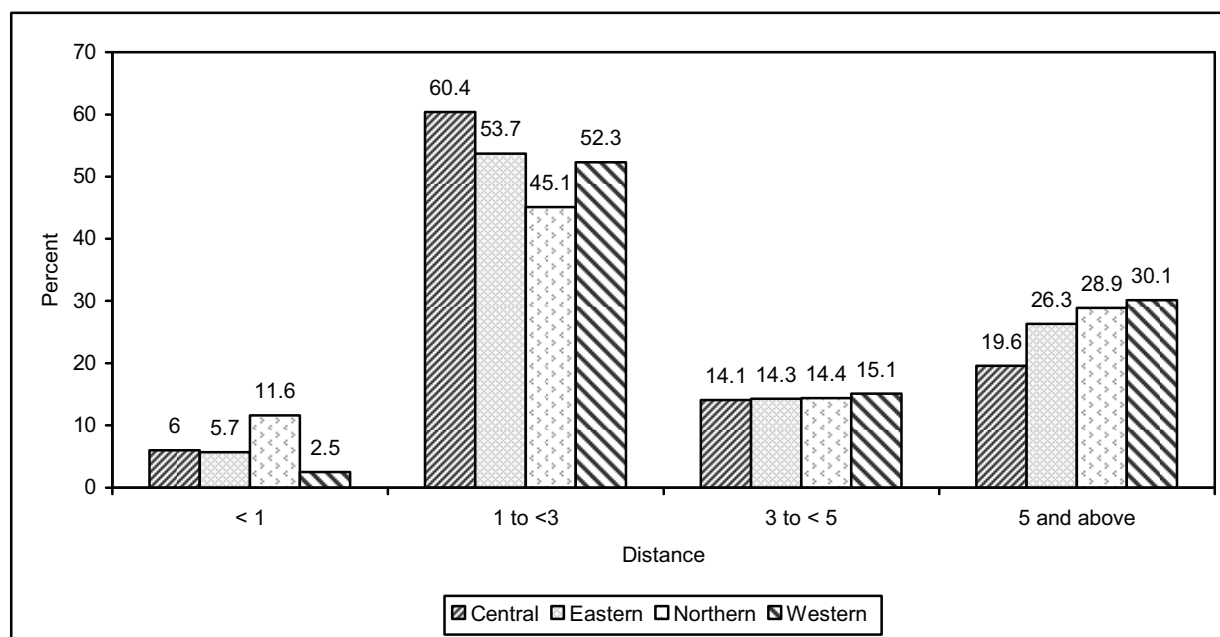
The within region analysis revealed 1 to 3 Km, the Central Region had the highest percentage (60.4 %) of its Ag HHs that reported being 1 to 3 Km from the nearest *All year round gravel road* followed by the Eastern Region with 53.7 percent while the Northern Region reported the least (45.1 %). Regarding 5 Km and above, the Western Region had the highest percentage (30.1 %) of its Ag HHs that reported being 5 Km and above from the nearest *All year round gravel road* followed by the Northern Region with 28.9 percent while the Central Region reported the least (19.6 %).

The details are provided in Table 3.57 and Figure 3.13 and district level data is provided in Annex 1 Table A3.31.

**Table 3.57: Ag HHs by distance to the nearest All Year Round Gravel Road**

Region	Ag HHs that responded	Ag HHs Distance to nearest All Year Round Gravel Road								Total
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	
Central	547,786	32,805	6.0	330,629	60.4	77,082	14.1	107,270	19.6	100
Eastern	838,543	47,880	5.7	450,028	53.7	120,026	14.3	220,609	26.3	100
Northern	496,956	57,738	11.6	223,989	45.1	71,708	14.4	143,521	28.9	100
Western	835,749	21,241	2.5	436,815	52.3	126,496	15.1	251,197	30.1	100
Uganda	2,719,034	159,664	5.9	1,441,461	53.0	395,311	14.5	722,597	26.6	100

**Figure 3.13: Percentage Distribution of Ag HHs by Distance to the nearest All Year Round Gravel Road**



### 3.6.10 Distance to the nearest Tarmac Road

The number of Ag HHs that responded to having had *Access to Facilities* in relation to distance to *Tarmac Road* was 3.0 million. Out of 3.0 million Ag HHs, 40,000 (1.3 %), 393,000 (13.0 %), 281,000 (9.4 %) and

3.3 million (76.3 %), reported being at a distance of *less than 1 Km*, *1 to less than 3 Km*, *3 to less than 5 Km* and *5 and above Km* from the nearest *Tarmac Road* respectively.

The within region analysis revealed that the Northern Region had the highest percentage (85.6 %) of its Ag HHs that reported being *5 Km and above* from the nearest *Tarmac Road* followed by the Eastern Region with 78.1 percent while the Central Region reported the least (65.8 %).

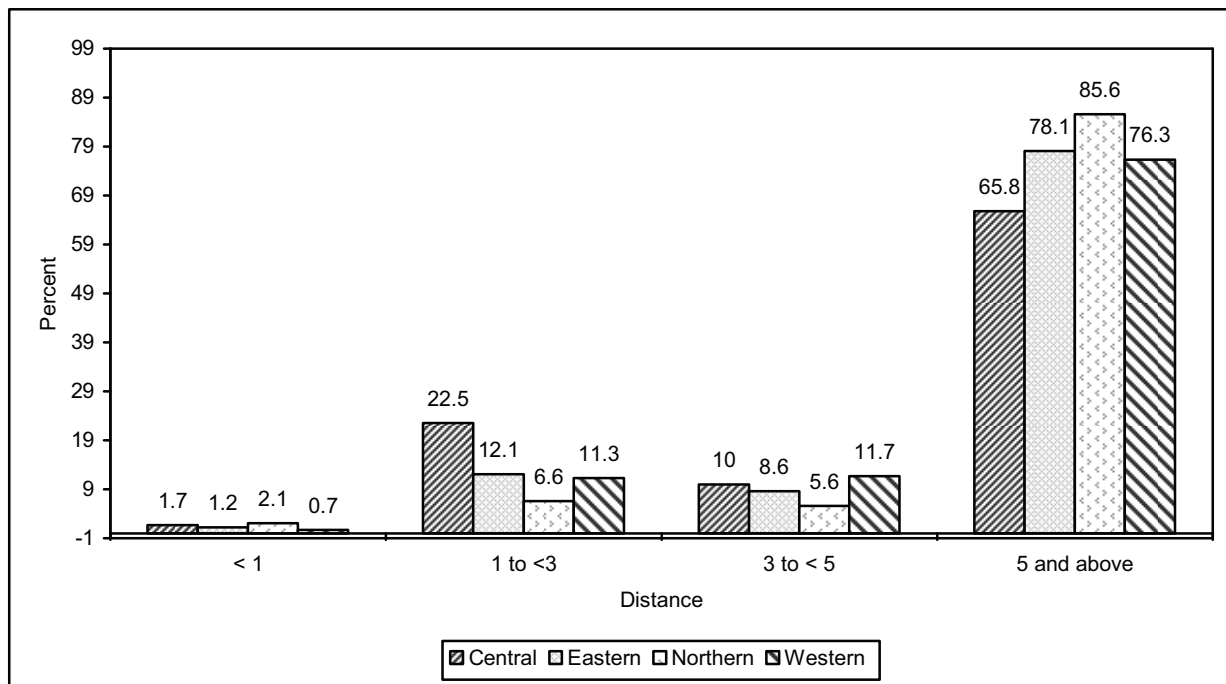
Regarding *1 to 3 Km*, the Central Region had the highest percentage (22.5 %) of its Ag HHs that reported being *1 to 3 Km* from the nearest *Tarmac Road* followed by the Eastern Region with 12.1 percent while the Northern Region reported the least (6.6 %).

The details are provided in Table 3.58 and Figure 3.14 and district level data is provided in Annex 1 Table A3.32.

**Table 3.58: Ag HHs by Distance to the nearest Tarmac Road**

Region	Ag HHs that responded	Ag HHs Distance to nearest Tarmac Road								
		< 1 km	%	1 to < 3 km	%	3 to < 5 km	%	5 and above km	%	Total
Central	616,343	10,700	1.7	138,598	22.5	61,342	10.0	405,703	65.8	100
Eastern	943,478	11,617	1.2	114,580	12.1	80,845	8.6	736,436	78.1	100
Northern	516,547	10,874	2.1	34,150	6.6	29,103	5.6	442,420	85.6	100
Western	940,157	6,514	0.7	105,899	11.3	110,166	11.7	717,578	76.3	100
Uganda	3,016,525	39,705	1.3	393,227	13.0	281,456	9.4	2,302,137	76.3	100

**Figure 3.14: Percentage Distribution of Ag HHs by Distance to the nearest Tarmac Road**



### 3.7 Means of Transportation

During the UCA 2008/09, data/information was collected on **main kind** of access i.e. *Owns, Can borrow, Can hire* and *No access* for the different *Means of Transportation* as listed below:

- i) Car/pick up
- ii) Lorry
- iii) Tractor
- iv) Motorcycle
- v) Bicycle
- vi) Oxen
- vii) Donkeys/mules
- viii) Boats/ferry
- ix) Wheel barrow

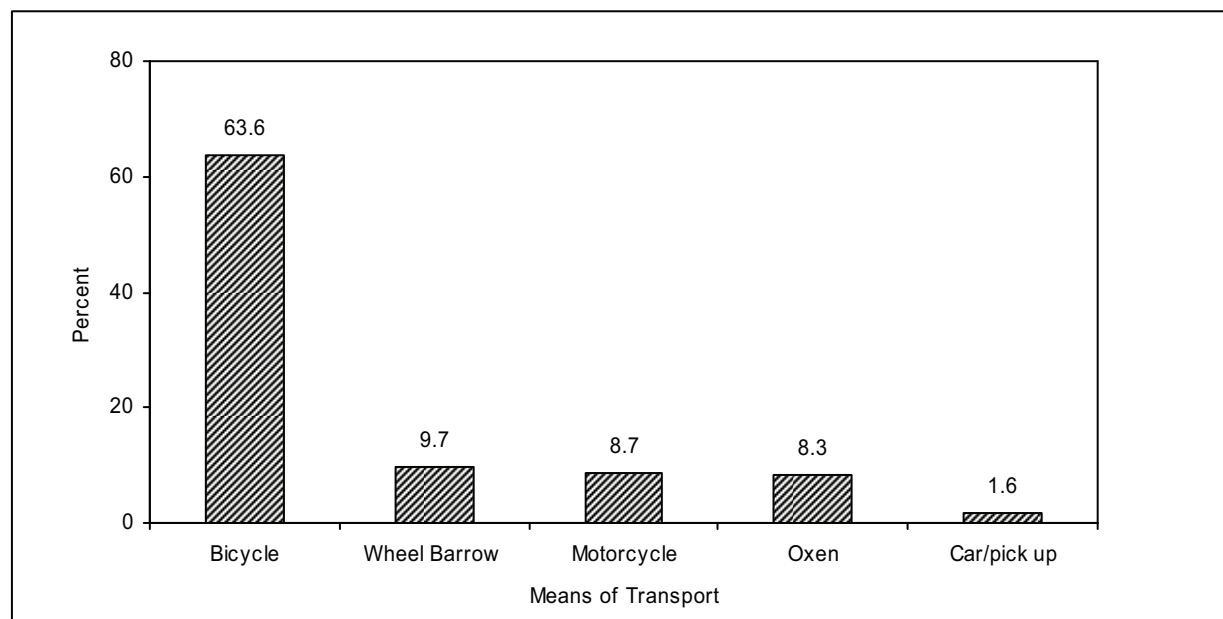
Results show that out of 3.0 million Ag HHs that responded, nearly 2.0 million (63.6 %) reported Own as main kind of access for a bicycle as a Means of Transportation. Further, the results show that this type of Means of Transportation was the least reported in terms of No Access. The census results also revealed that nearly 1.0 million (40.5 %) Ag HHs who reported Can Hire a Motorcycle, making it the second most commonly used Means of Transportation.

The details are provided in Table 3.59 and Figure 3.15.

**Table 3.59: Number and Percentage Distribution of Ag HHs using a Means of Transportation by Main Kind of Access**

Means of Transport	Own		Can Borrow		Can Hire		No Access	
	Number	%	Number	%	Number	%	Number	%
Car/pick up	38,216	1.6	58,038	2.5	771,777	32.6	1,499,115	63.3
Lorry	6,475	0.3	30,559	1.3	504,544	21.8	1,768,293	76.6
Tractor	8,131	0.4	21,004	0.9	337,284	14.7	1,931,746	84.1
Motorcycle	213,165	8.7	205,402	8.3	996,583	40.5	1,045,978	42.5
Bicycle	1,952,411	63.6	480,424	15.7	224,338	7.3	410,516	13.4
Oxen	195,307	8.3	89,096	3.8	325,754	13.9	1,731,418	73.9
Donkey/Mules	20,998	0.9	15,302	0.7	43,379	1.9	2,221,753	96.5
Boat/Ferry	12,622	0.6	9,552	0.4	67,714	3.0	2,200,644	96.1
Wheel Barrow	235,495	9.7	634,288	26.2	230,562	9.5	1,323,507	54.6

**Figure 3.15: Percentage Distribution of Ag HHs by Means of Transportation Owned**



### 3.7.1 Car/Pick-Up

Out of nearly 2.4 million Ag HHs who responded on the kind of access to a *Car/Pick-Up* as Means of Transport, 63.3 percent reported that they *had No Access*. The remaining 33.7 percent who had access were constituted by those who reported *Own* (1.6 %), *Can Borrow* (2.5 %) and *Can Hire* (32.6 %).

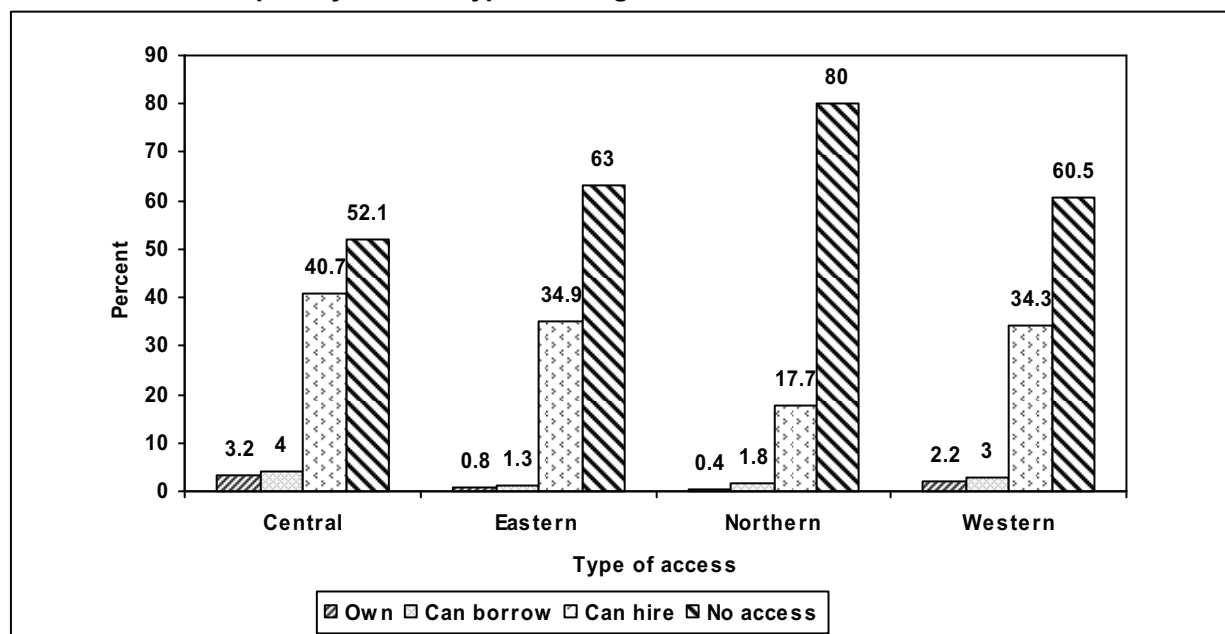
The within region analysis revealed that the Central Region with 3.2 percent of its Ag HHs that reported *Ownership of Car/Pick-Up* as a *Means of Transportation/Transport* access had the highest and was followed by the Western Region with 2.2 percent while the Northern Region reported the least (0.4 %). In terms of *Can Borrow* the Central Region with 4.0 percent had the highest followed by the Western Region with 3.0 percent while the Northern region had the least (1.3 %). As for the case of *Can Hire*, the Central Region again, had the highest percentage (40.7 %) followed by the Eastern Region with 34.9 percent while the Northern Region had the least (17.7 %). It is worth noting that more than half of the Ag HHs in each of the regions reported *No Access* to Car/Pick-up.

The details are provided in Table 3.60 and Figure 3.16 and district level data is provided in Annex 1 Table A3.33.

**Table 3.60: Percentage Distribution of Ag HHs who responded on kind of access to a Car/Pick-Up as Means of transport by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	489,787	3.2	4.0	40.7	52.1	100
Eastern	749,771	0.8	1.3	34.9	63.0	100
Northern	457,522	0.4	1.8	17.7	80.0	100
Western	670,065	2.2	3.0	34.3	60.5	100
<b>Uganda</b>	<b>2,367,146</b>	<b>1.6</b>	<b>2.5</b>	<b>32.6</b>	<b>63.3</b>	<b>100.0</b>

**Figure 3.16: Percentage Distribution of Ag HHs who responded on kind of access to a Car/Pick-Up as a Means of Transport by Access Type and Region**



### 3.7.2 Lorry

Out of 2.3 million Ag HHs who reported *Lorry* as Means of Transportation, 76.6 percent reported that they had *No Access*. The remaining 23.4 percent who had access were constituted by those who reported *Own* (0.3 %), *Can Borrow* (1.3 %) and *Can Hire* (21.8 %).

The within region analysis revealed that the Western Region with 0.4 percent of its Ag HHs that reported *Own Lorry* as a Means of Transportation/Transport access had the highest and was followed by the Northern Region with 0.3 percent while the Central and Eastern Regions each reported the least with 0.2 percent. In terms of *Can Borrow* the Central Region with 2.4 percent had the highest followed by the Western Region with 1.7 percent while the Eastern Region had the least (0.5 %). As for the case of *Can Hire*, the Central Region again, had the highest percentage (26.8 %) followed by the Eastern Region with 26.0 percent while the Northern Region had the least (12.2 %). It is worth noting that more than two thirds of the Ag HHs in each of the regions reported *No Access* to Lorry.

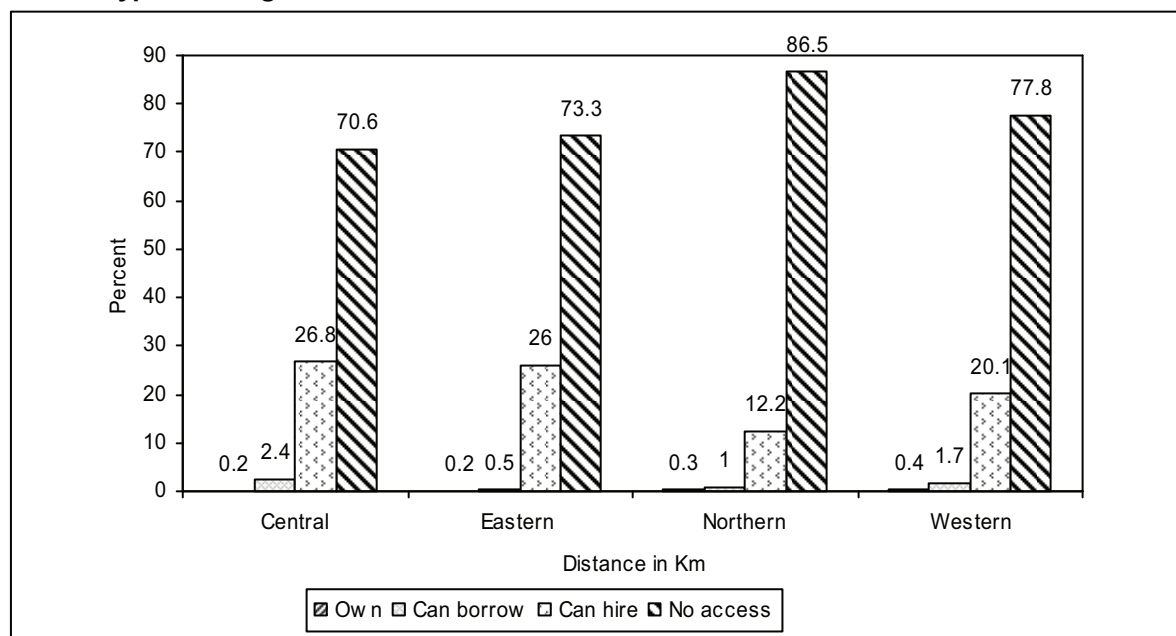
The details are provided in Table 3.61 and Figure 3.17 and district level data is provided in Annex 1 Table A3.34.

**Table 3.61: Percentage Distribution of Ag HHs who responded on kind of access to a Means of Transport by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	477,027	0.2	2.4	26.8	70.6	100
Eastern	739,812	0.2	0.5	26.0	73.3	100
Northern	451,948	0.3	1.0	12.2	86.5	100
Western	641,084	0.4	1.7	20.1	77.8	100
<b>Uganda</b>	<b>2,309,871</b>	<b>0.3</b>	<b>1.3</b>	<b>21.8</b>	<b>76.6</b>	<b>100</b>



**Figure 3.17: Percentage Distribution of Ag HHs who reported Lorry as a Means of Transport by Access Type and Region**



### 3.7.3 Tractor

Out of nearly 2.3 million Ag HHs who reported *Tractor as Means of Transportation*, 84.1 percent reported *had No Access*. The remaining 15.9 percent who had access were constituted by those who reported *Own* (0.4 %), *Can Borrow* (0.9 %) and *Can Hire* (14.7 %).

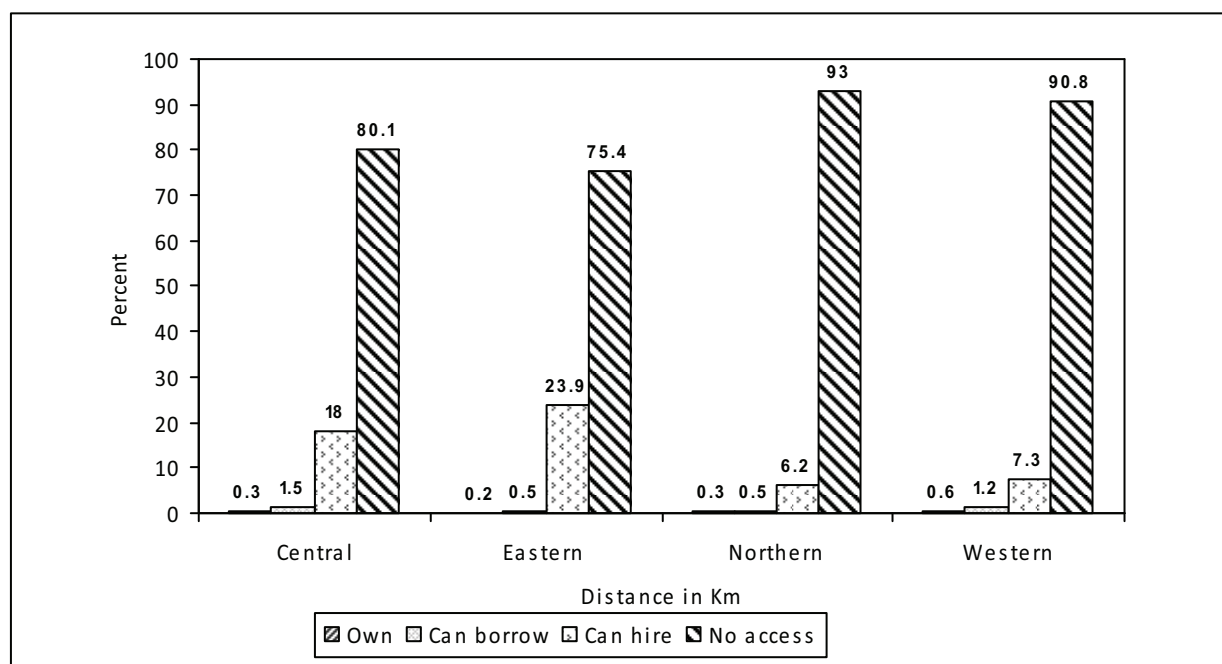
The within region analysis revealed that the Western Region with 0.6 percent of its Ag HHs that reported *Ownership of Tractor as a Means of Transportation/Transport access* had the highest and was followed by the Central and Northern Regions each with 0.3 percent while the Eastern Region reported the least (0.2 %). In terms of *Can Borrow* the Central Region with 1.5 percent had the highest followed by the Western Region with 1.2 percent while the Northern and Eastern Regions each had the least (0.5 %). As for the case of *Can Hire*, the Eastern Region had the highest percentage (23.9 %) followed by the Central Region with 18.0 percent while the Northern Region had the least (6.2 %). It is worth noting that more than three quarters of the Ag HHs in each of the regions reported *No Access to Tractor*.

The details are provided in Table 3.62 and Figure 3.18 and district level data is provided in Annex 1 Table A3.35.

**Table 3.62: Percentage Distribution of Ag HHs who responded on kind of access to Tractor as a Means of Transport by and Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	473,786	0.3	1.5	18.0	80.1	100
Eastern	742,463	0.2	0.5	23.9	75.4	100
Northern	448,870	0.3	0.5	6.2	93.0	100
Western	633,046	0.6	1.2	7.3	90.8	100
<b>Uganda</b>	<b>2,298,166</b>	<b>0.4</b>	<b>0.9</b>	<b>14.7</b>	<b>84.1</b>	<b>100.0</b>

**Figure 3.18: Percentage Distribution of Ag HHs who reported Tractor as a Means of Transport by Access Type and Region**



### 3.7.4 Motorcycle

Out of nearly 2.5 million Ag HHs who reported *Motorcycle as Means of Transportation*, 42.5 percent reported *No Access*. The remaining 57.5 percent who had access were constituted by those who reported *Own* (8.7 %), *Can Borrow* (8.3 %) and *Can Hire* (40.5 %).

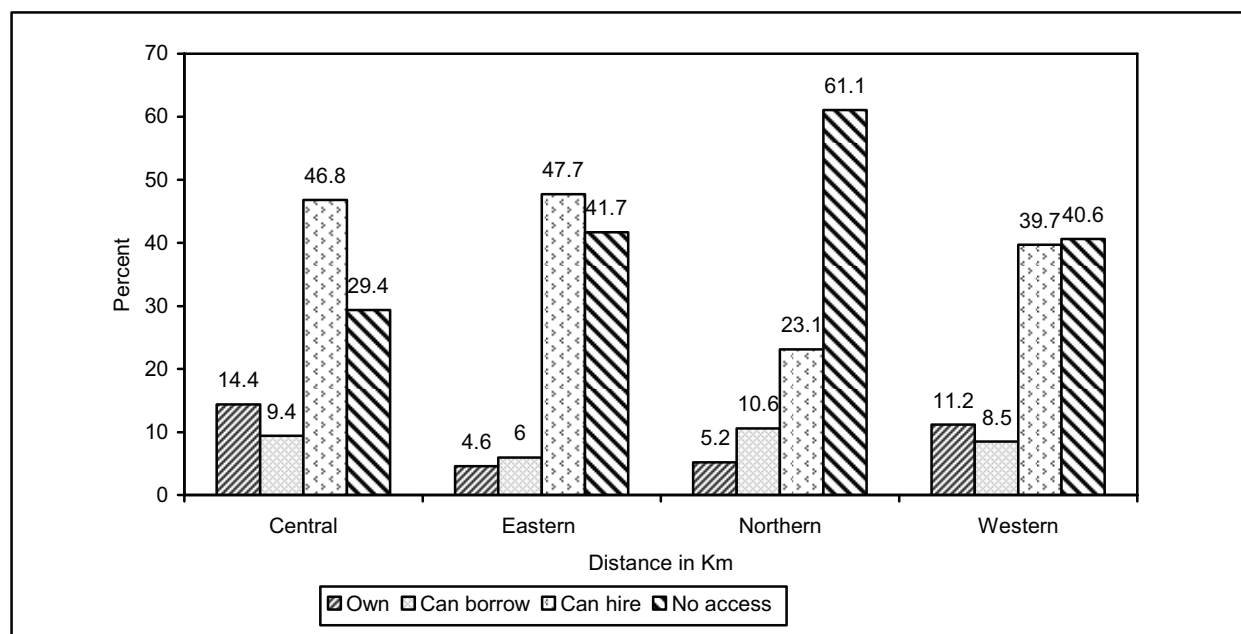
The within region analysis revealed that the Central Region with 14.4 percent of its Ag HHs that reported *Ownership of Motorcycle as a Means of Transportation/Transport access* had the highest and was followed by the Western Region with 11.2 percent while the Eastern Region reported the least (4.6 %). In terms of *Can Borrow* the Northern Region with 10.6 percent had the highest followed by the Central Region with 9.4 percent while the Eastern Region had the least (6.0 %). As for the case of *Can Hire*, the Eastern Region had the highest percentage (47.7 %) followed by the Central Region with 46.8 percent while the Northern Region had the least (23.1 %). It is worth noting that more than half of the Ag HHs in the Northern Region reported *No Access to Motorcycle*.

The details are provided in Table 3.63 and Figure 3.19 and district level data is provided in Annex 1 Table A3.36.

**Table 3.63: Percentage Distribution of Ag HHs who responded on kind of access to Motorcycle as a Means of Transport by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	519,501	14.4	9.4	46.8	29.4	100
Eastern	761,403	4.6	6.0	47.7	41.7	100
Northern	471,253	5.2	10.6	23.1	61.1	100
Western	708,970	11.2	8.5	39.7	40.6	100
<b>Uganda</b>	<b>2,461,127</b>	<b>8.7</b>	<b>8.3</b>	<b>40.5</b>	<b>42.5</b>	<b>100</b>

**Figure 3.19: Percentage Distribution of Ag HHs who responded on kind of access to Motorcycle as a Means of Transport by Region**



### 3.7.5 Bicycle

Out of nearly 3.1 million Ag HHs who reported *Motorcycle* as Means of Transportation, 13.4 percent reported *No Access*. The remaining 86.6 percent who had access were constituted by those who reported *Own* (63.6 %), *Can Borrow* (15.7 %) and *Can Hire* (7.3 %).

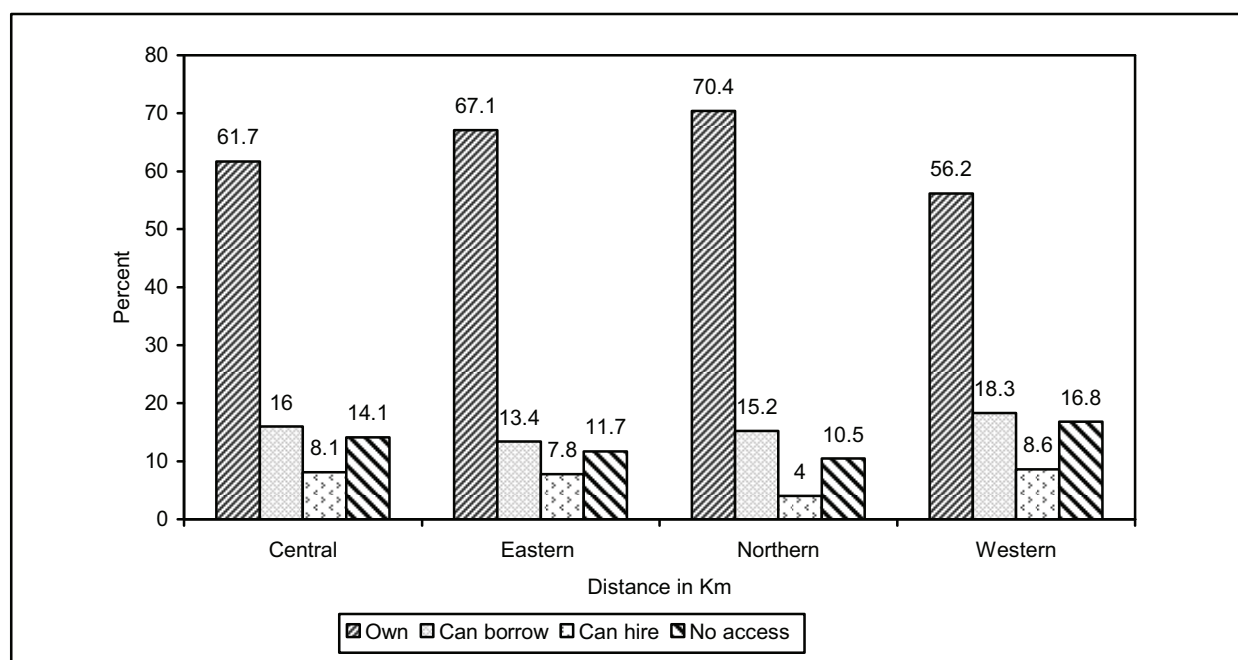
The within region analysis revealed that the Northern Region with 70.4 percent of its Ag HHs that reported *Ownership of Bicycle as a Means of Transportation/Transport* access had the highest and was followed by the Eastern Region with 67.1 percent while the Western Region reported the least (56.2 %). In terms of *Can Borrow* the Western Region with 18.3 percent had the highest followed by the Central Region with 16.0 percent while the Eastern Region had the least (13.4 %). As for the case of *Can Hire*, the Western Region again, had the highest percentage (8.6 %) followed by the Central Region with 8.1 percent while the Northern Region had the least (4.0 %). Regarding *No Access* the Western Region had the highest percentage (16.8 %) while the Northern Region had the least (10.5 %).

The details are provided in Table 3.64 and Figure 3.20 and district level data is provided in Annex 1 Table A3.37.

**Table 3.64: Percentage of Ag HHs who responded on kind of access to Bicycle as a Means of Transport by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	610,562	61.7	16.0	8.1	14.1	100
Eastern	959,392	67.1	13.4	7.8	11.7	100
Northern	632,719	70.4	15.2	4.0	10.5	100
Western	865,016	56.2	18.3	8.6	16.8	100
<b>Uganda</b>	<b>3,067,689</b>	<b>63.6</b>	<b>15.7</b>	<b>7.3</b>	<b>13.4</b>	<b>100</b>

**Figure 3.20: Percentage Distribution of Ag HHs who responded on kind of access to Bicycle as a Means of Transport by Region**



### 3.7.6 Oxen

Out of nearly 2.3 million Ag HHs who reported *Oxen* as *Means of Transportation*, 73.9 percent reported *No Access*. The remaining 26.1 percent who had access were constituted by those who reported *Own* (8.3 %), *Can Borrow* (3.8 %) and *Can Hire* (13.9 %).

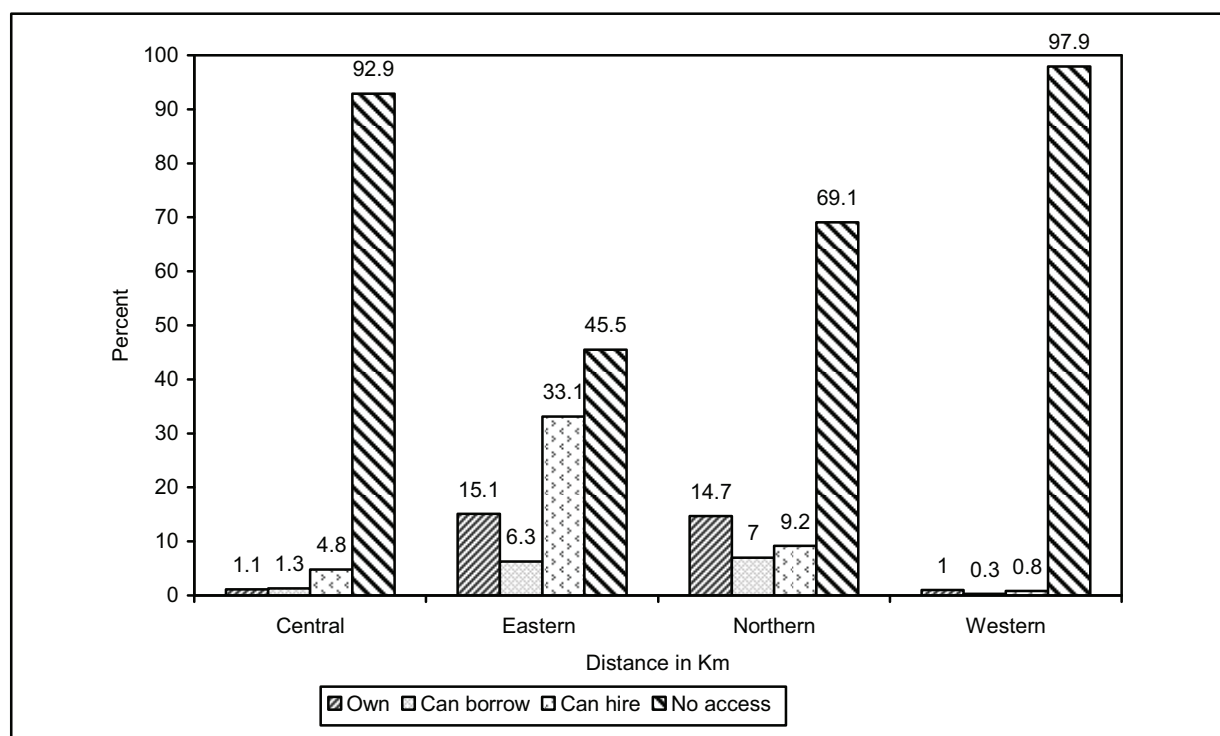
The within region analysis revealed that the Eastern Region with 15.1 percent of its Ag HHs that reported *Ownership of Oxen* as a *Means of Transportation/Transport* access had the highest and was followed by the Northern Region with 14.7 percent while the Western Region reported the least (1.0 %). In terms of *Can Borrow* the Northern Region with 7.0 percent had the highest followed by the Eastern Region with 6.3 percent while the Western Region had the least (0.3 %). As for the case of *Can Hire*, the Eastern Region again, had the highest percentage (33.1 %) followed by the Northern Region with 9.2 percent while the Western Region had the least (0.8 %). It is worth noting that more than 90 percent of the Ag HHs in the Central and Western Regions reported *No Access* to Oxen.

The details are provided in Table 3.65 and Figure 3.21 and district level data is provided in Annex 1 Table A3.38.

**Table 3.65: Percentage Distribution of Ag HHs who responded on kind of access to Oxen as a Means of Transport by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	475,089	1.1	1.3	4.8	92.9	100
Eastern	771,296	15.1	6.3	33.1	45.5	100
Northern	463,084	14.7	7.0	9.2	69.1	100
Western	632,105	1.0	0.3	0.8	97.9	100
<b>Uganda</b>	<b>2,341,575</b>	<b>8.3</b>	<b>3.8</b>	<b>13.9</b>	<b>73.9</b>	<b>100</b>

**Figure 3.21: Percentage Distribution of Ag HHs who responded on kind of access to Oxen as a Means of Transport by Region**



### 3.7.7 Donkeys/Mules

Out of 123,000 Ag HHs who reported *Donkeys/Mules* as *Means of Transportation*, 35.3 percent reported *No Access*. The remaining 64.7 percent who had access were constituted by those who reported *Own* (17.1 %), *Can Borrow* (12.4 %) and *Can Hire* (35.3 %).

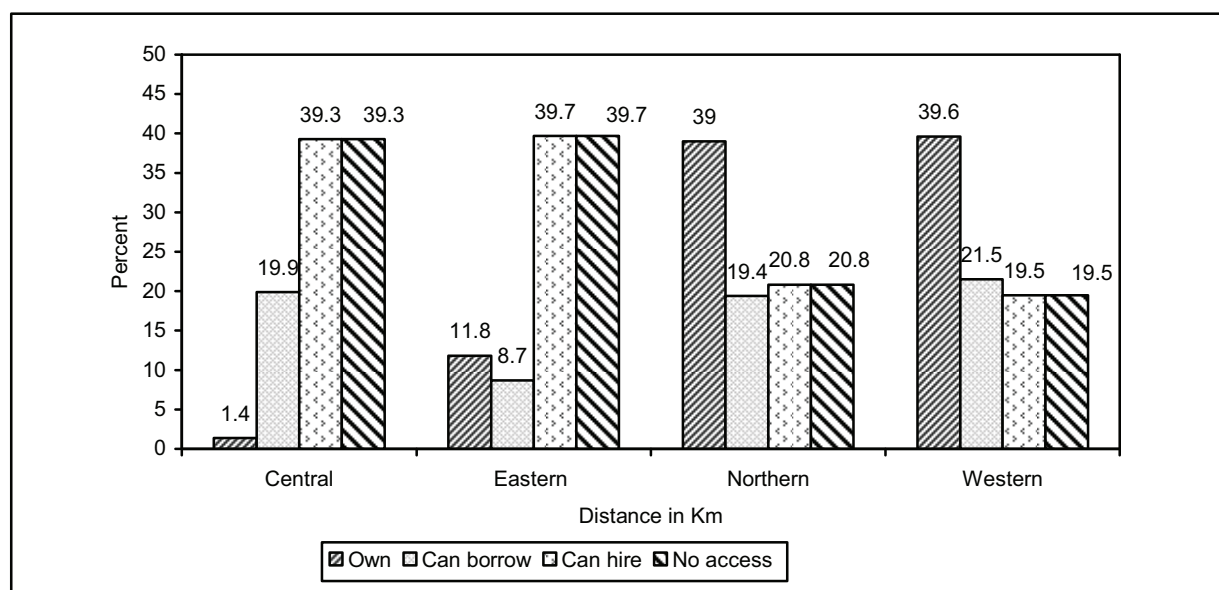
The within region analysis revealed that the Western Region with 39.6 percent of its Ag HHs that reported *Ownership of Donkeys/Mules* as a *Means of Transportation/Transport* access had the highest and was followed by the Northern Region with 39.0 percent while the Central Region reported the least (1.4 %). In terms of *Can Borrow* the Western Region, again, with 21.5 percent had the highest followed by the Central Region with 19.9 percent while the Eastern Region had the least (8.7 %). As for the case of *Can Hire*, the Eastern Region had the highest percentage (39.7 %) followed by the Central Region with 39.3 percent while the Western Region had the least (19.5 %). Regarding *No Access* the Eastern Region had the highest percentage (39.7 %) while the Western Region had the least (19.5 %).

The details are provided in Table 3.66 and Figure 3.22 and district level data is provided in Annex 1 Table A3.39.

**Table 3.66: Percentage Distribution of Ag HHs who responded on kind of access to Donkeys/Mules as a Means of Transport by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	12,658	1.4	19.9	39.3	39.3	100
Eastern	81,813	11.8	8.7	39.7	39.7	100
Northern	24,090	39.0	19.4	20.8	20.8	100
Western	4,497	39.6	21.5	19.5	19.5	100
<b>Uganda</b>	<b>123,058</b>	<b>17.1</b>	<b>12.4</b>	<b>35.3</b>	<b>35.3</b>	<b>100</b>

**Figure 3.22: Percentage Distribution of Ag HHs who responded on kind of access to Donkeys/Mules as a Means of Transport by Region**



### 3.7.8 Boats/Ferry

Out of nearly 2.3 million Ag HHs who reported *Boats/Ferry* as *Means of Transportation*, 96.0 percent reported *No Access*. The remaining 4.0 percent who had access were constituted by those who reported *Own* (0.6 %), *Can Borrow* (0.4 %) and *Can Hire* (3.0 %).

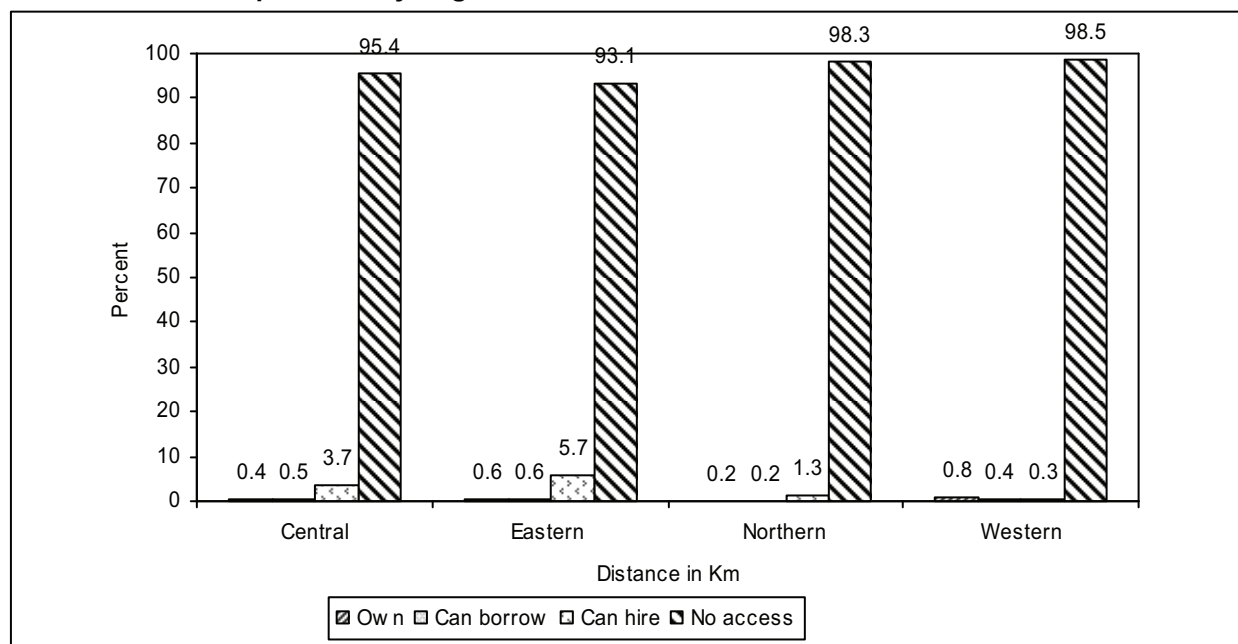
The within region analysis revealed that the Western Region with 0.8 percent of its Ag HHs that reported *Ownership of Boats/Ferry* as a *Means of Transportation/Transport* access had the highest and was followed by the Eastern Region with 0.6 percent while the Northern Region reported the least (0.2 %). In terms of *Can Borrow* the Eastern Region with 0.6 percent had the highest followed by the Central Region with 0.5 percent while the Northern Region had the least (0.2 %). As for the case of *Can Hire*, the Eastern Region again, had the highest percentage (5.7 %) followed by the Central Region with 3.7 percent while the Western Region had the least (0.3 %). It is worth noting that more than 90 percent of the Ag HHs in each of the regions reported *No Access* to *Boats/Ferry*.

The details are provided in Table 3.67 and Figure 3.23 and district level data is provided in Annex 1 Table A3.40.

**Table 3.67: Percentage Distribution of Ag HHs who responded on kind of access to Boats/Ferry as a Means of Transport by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	474,096	0.4	0.5	3.7	95.4	100
Eastern	744,228	0.6	0.6	5.7	93.1	100
Northern	439,240	0.2	0.2	1.3	98.3	100
Western	632,968	0.8	0.4	0.3	98.5	100
<b>Uganda</b>	<b>2,290,533</b>	<b>0.6</b>	<b>0.4</b>	<b>3.0</b>	<b>96.0</b>	<b>100.0</b>

**Figure 3.23: Percentage Distribution of Ag HHs who responded on kind of access to Boats/Ferry as a Means of Transportation by Region**



### 3.7.9 Wheelbarrows

Out of 2.4 million Ag HHs who reported *Wheelbarrows* as *Means of Transportation*, 54.6 percent reported *No Access*. The remaining 45.4 percent who had access were constituted by those who reported *Own* (9.7 %), *Can Borrow* (26.2 %) and *Can Hire* (9.5 %).

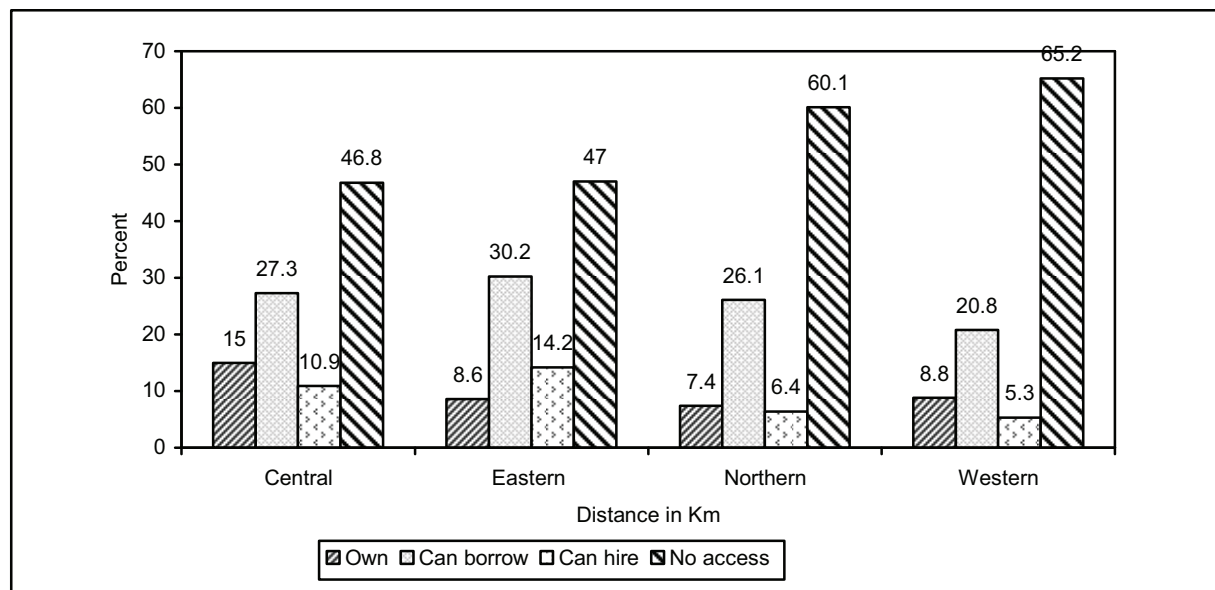
The within region analysis revealed that the Central Region with 15.0 percent of its Ag HHs that reported *Ownership of Wheelbarrow* as a *Means of Transportation/Transport* access had the highest and was followed by the Western Region with 8.8 percent while the Northern Region reported the least (7.4 %). In terms of *Can Borrow* the Eastern Region with 30.2 percent had the highest followed by the Central Region with 27.3 percent while the Western Region had the least (20.8 %). As for the case of *Can Hire*, the Eastern Region again, had the highest percentage (14.2 %) followed by the Central Region with 10.9 percent while the Western Region had the least (5.3 %). Regarding *No Access* the Western Region had the highest percentage (65.2 %) while the Central Region had the least (46.8 %).

The details are provided in Table 3.68 and Figure 3.24 and district level data is provided in Annex 1 Table A3.41.

**Table 3.68: Percentage Distribution of Ag HHs who responded on kind of access to Wheelbarrows as a Means of Transportation by Region**

Region	Ag HHs that responded	Own	Can borrow	Can hire	No access	Total
Central	493,992	15.0	27.3	10.9	46.8	100
Eastern	780,028	8.6	30.2	14.2	47.0	100
Northern	479,799	7.4	26.1	6.4	60.1	100
Western	670,032	8.8	20.8	5.3	65.2	100
<b>Uganda</b>	<b>2,423,851</b>	<b>9.7</b>	<b>26.2</b>	<b>9.5</b>	<b>54.6</b>	<b>100</b>

**Figure 3.24: Percentage Distribution of Ag HHs who responded on kind of access to Wheelbarrows as a Means of Transport by Region**



### 3.8 Storage Facilities

Information was collected from Ag HHs on whether they had any storage facilities for their agricultural produce. Results indicate that, out of 3.6 million Ag HHs that responded to the question, 2.0 million (55.3 %) had storage facilities.

Analysis within regions revealed that the Eastern Region with 65.2 percent had the highest percentage of its Ag HHs followed by the Northern Region with 60.8 percent that reported having a storage facility for their produce. On the other hand the Central Region had the least percentage of its Ag HHs (44.5 %) that reported having a storage facility for their produce.

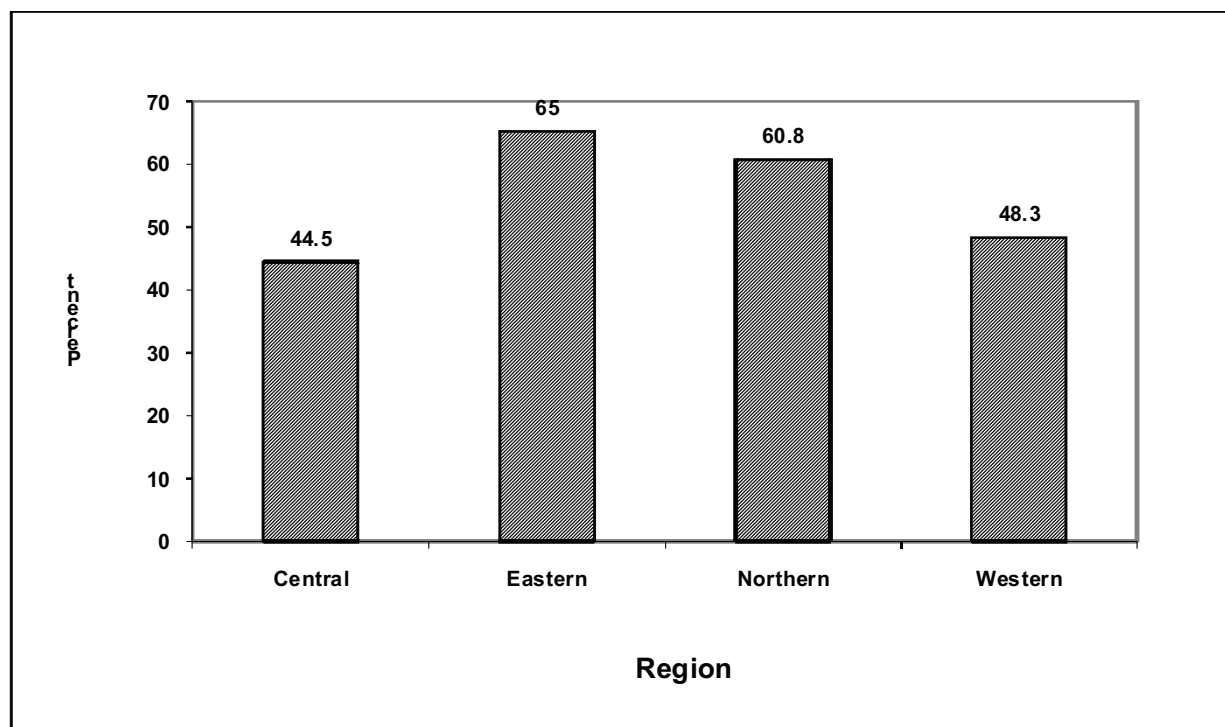
The details are provided in Table 3.69 and Figure 3.25 and district level data is provided in Annex 1 Table A3.42.

**Table 3.69: Number and percent of all Ag HHs that reported having a Storage Facility**

Region	Ag HHs	Ag HHs with a storage facility	%
Central	715,486	318,670	44.5
Eastern	1,069,885	697,086	65.2
Northern	755,701	459,179	60.8
Western	1,033,992	499,523	48.3
<b>Uganda</b>	<b>3,575,064</b>	<b>1,974,458</b>	<b>55.3</b>



**Figure 3.25: Percentage Distribution of Ag HHs having Storage Facilities by Region**



### 3.8.1 Storage Facilities by Type

Results revealed that *In the House storage facility* was the most widely used by the Ag HHs that reported having a storage facility with 21.0 percent, this was followed by *Specific house/room* that was reported by 6.8 percent while each of the *Improved granary* and *Sealed containers* facilities were reported least with 0.9 percent.

The regional distribution showed that the Northern Region had the highest percentage of Ag HHs of 46.2 and 39.7 percent for *Improved granary* and *Unimproved granary* respectively. The Eastern Region reported the highest percentages of Ag HHs 35.1, 33.5 and 49.1 percent for *In the house* and *Specific house/room* and *Sealed containers* respectively. Regarding *Over the fire place* storage facility, the Central Region (35.5 %) reported the highest while for the *Under shelter/outside facility*, the Western Region reported the highest with 49.6 percent. It is worth noting that the Central Region reported the least use of storage facilities for *Improved Granary* (3.3 %), *Unimproved Granary* (4.4 %), *In the House*, (17.3 %) *Under Shelter/Outside* (11.6 %) and *Sealed Containers* (4.0 %) while the Northern Region had the least with 13.5 percent for *Specific House/Room*.

The details are provided in Table 3.70 and district level data is provided in Annex 1 Table A3.43.

**Table 3.70 : Percent of Ag HHs with Storage Facilities by Type and Region**

Region	Ag HHs with Improved granary	Unimproved granary	In house	Specific house/ room	Under shelter/ outside	Over the fire place	Sealed Containers
Central	3.3	4.4	17.3	20.0	11.6	35.5	4.0
Eastern	30.6	39.0	35.1	33.5	12.1	11.4	49.1
Northern	46.2	39.7	22.7	13.5	26.8	28.0	8.8
Western	19.8	16.9	24.8	33.1	49.6	25.1	38.0
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Uganda</b>	<b>48,974</b>	<b>329,554</b>	<b>1,175,955</b>	<b>382,570</b>	<b>24,542</b>	<b>63,620</b>	<b>47,813</b>

### **3.9 Summary of Findings**

#### **3.9.1 Agricultural Technology and Extension Services**

- i) Out of 3.6 million Ag HHs that responded to the question, 680,000 (19 %) reported having been visited by an Extension Worker during the reference period;
- ii) On average, Ag HHs reported having been visited by an Extension Worker 4 times in the reference period for all regions except the Eastern Region which recorded an average of 3 times

#### **3.9.2 Sources of Agricultural Extension Services**

- iii) Radio and Farmer to Farmer were the most important sources through which most Ag HHs received information on agriculture.
- iv) The highest percentage of Ag HHs that got information on "Weather" (85.0 %), "Farm Machinery" (43.8 %) and Credit "Facilities (50.2 %) received it over the Radio while the highest percentage of Ag HHs that got information on Crop Varieties (43 %), New Agricultural Practices(39.5 %), Plant Diseases and Pests"(45.4 %) and Marketing (50.7 %) received it through Farmer to Farmer.

#### **3.9.3 Access to Credit**

- i) The results show that only 10 percent of the Ag HHs countrywide accessed credit in the past five years. The Western Region recorded the highest percentage (14.3 %) of its Ag HHs that accessed credit followed by the Eastern Region with 9.3 percent while the Northern Region had the lowest percentage (6.2 %).
- ii) Out of the 357,014 Ag HHs that reported having accessed credit in the five years preceding the reference period, 271,503 76.0 percent were required to provide Collateral/Security.
- iii) The census results show that out of the 271,503 Ag HHs that were required to provide collateral, 29.1 percent used their Land Titles followed by Character at 23.1 percent. The least commonly used type of Collateral/Security was Salary with 9.8 percent.
- iv) The results show that out of the 3.2 million Ag HHs that reported having not accessed credit in the 5 years preceding the reference period, 27.1 percent cited high Interest Rates as the main reason as to why they did not receive loans or credit. Lack of Collateral/Security (20.9 %), No need for credit (16.4 %) and Ignorance of the existence of facilities (15.1 %) were cited as the other major reasons for not having received credit

#### **3.9.4 Access to Facilities**

The census results show that the following percentages of the Ag HHs reported being at a distance of 5 Km and above:

- i) 38.3 percent from the nearest Local Produce Market;
- ii) 50.9 percent from the nearest Local Input/Dealer/Farm;
- iii) 63.3 percent from Extension Services;
- iv) 26.6 percent from the nearest All year round gravel road;
- v) 76.3 percent from the nearest Tarmac Road;
- vi) 86.9 percent from the nearest District Produce Market
- vii) 64.9 percent from the nearest Nursery
- viii) 93.0 percent from the nearest Agricultural Research Centre
- ix) 33.8 percent from the nearest Public Transport
- x) 14.4 percent from the nearest Feeder Road

#### **3.9.5 Means of Transportation**

One of the main findings on the Means of Transportation was that nearly 2.0 million (63.6 %) Ag HHs out of 3.0 million, reported Owning, a bicycle and this was the most commonly used Means of Transportation.

### 3.9.6 Storage Facilities

- i) Results indicated that, out of 3.6 million Ag HHs that answered this question, 2.0 million (55.3 %) had storage facilities.
- ii) Further, the results revealed that *In the House* storage facility was the most widely used by the Ag HHs that reported having a storage facility with 21.0 percent. This was followed by *Specific house/room* that was reported by 6.8 percent.

## CHAPTER FOUR

### IRRIGATION AND WATER MANAGEMENT

#### 4.1 Introduction

In the UCA 2008/09, the term 'Irrigation' was used to refer to the provision of land with water, other than rain, for improving pastures or crop production. Irrigation usually implies the existence of infrastructure and equipment for applying water to crops such as irrigation canals, pumps sprinklers or localised watering systems. However, it also includes manual watering of plants using buckets, watering cans or other devices. Uncontrolled land flooding by overflowing of rivers or streams is not considered irrigation. In brief irrigation implies water movement from a water source to be applied to a crop. In other words, the term implies the 'fully controlled' supply of water. The concept of 'Water Management' was introduced to provide a more complete picture of water usage in agricultural production.

During the UCA 2008/09, data was collected on the following:

- i) Presence of Irrigation on the holding;
- ii) Irrigated area (Hectares) by method of Irrigation and by holding members
- iii) Type of Irrigation (surface, sprinkler or localized);
- iv) Source of Irrigation water;
- v) Payment for Irrigation water;
- vi) Payment terms; and,
- vii) Other Water Management practices.

#### 4.2 Presence of Irrigation on the Holding

Out of nearly 3.6 million Ag HHs that responded, about 31,000 Ag HHs (0.9 %) reported having presence of Irrigation on the holding implying therefore that agriculture is predominantly rain-fed.

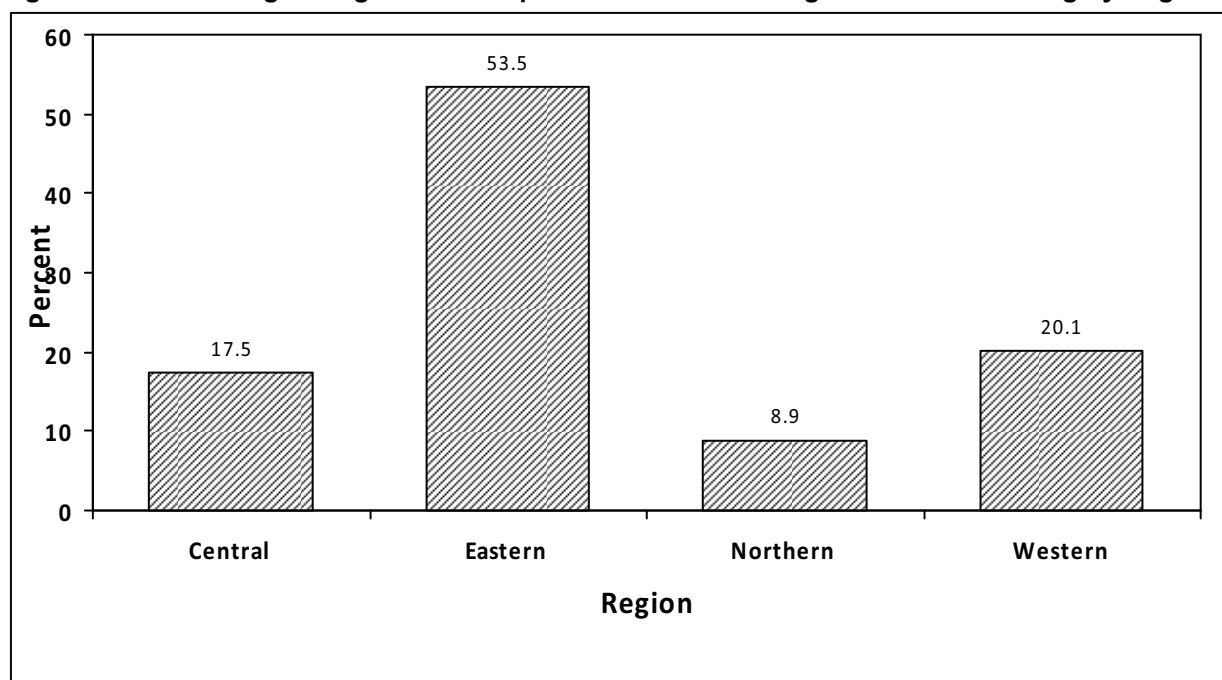
Regional analysis showed that, the Eastern Region had 17,000 (53.5 %) Ag HHs reporting presence of Irrigation on the holding. This was followed by the Western Region with 6,305 Ag HHs (20.1 %), and the least 2,776 Ag HHs (8.9 %) in the Northern Region.

The details are shown in Table 4.1 and Figure 4.1.

**Table 4.1: Number and Percentage of Ag HHs that reported Presence of Irrigation on the holding by Region**

Region	Ag HHs	percent
Central	5,492	17.5
Eastern	16,784	53.5
Northern	2,776	8.9
Western	6,305	20.1
<b>Uganda</b>	<b>31,357</b>	<b>100</b>

**Figure 4.1: Percentage of Ag HHs that reported Presence of Irrigation on the Holding by Region**



### 4.3 Area (Ha) Irrigated according to Method of Irrigation

Data was collected on three (3) methods of land irrigation namely: *Surface Irrigation*, *Sprinkler Irrigation* and *Localized Irrigation*.

The total area under irrigated regardless of the method used was about 7,000 Ha. Out of this, about 1,500 Ha (21.7 %), 340 Ha (4.9 %) and 5,100 (73.9 %) was under *Surface Irrigation*, *Sprinkler Irrigation* and *Localized Irrigation* respectively.

Regional analysis showed that the Western Region with 216 Ha (63.0 %) reported the largest area under Sprinkler Irrigation. There was no report of *Sprinkler Irrigation* in the Central and Northern Regions. The Eastern Region had the largest area (1,283 Ha or 84.1 %) under surface irrigation while the Western Region reported the least area (22 Ha or 1.4 %).

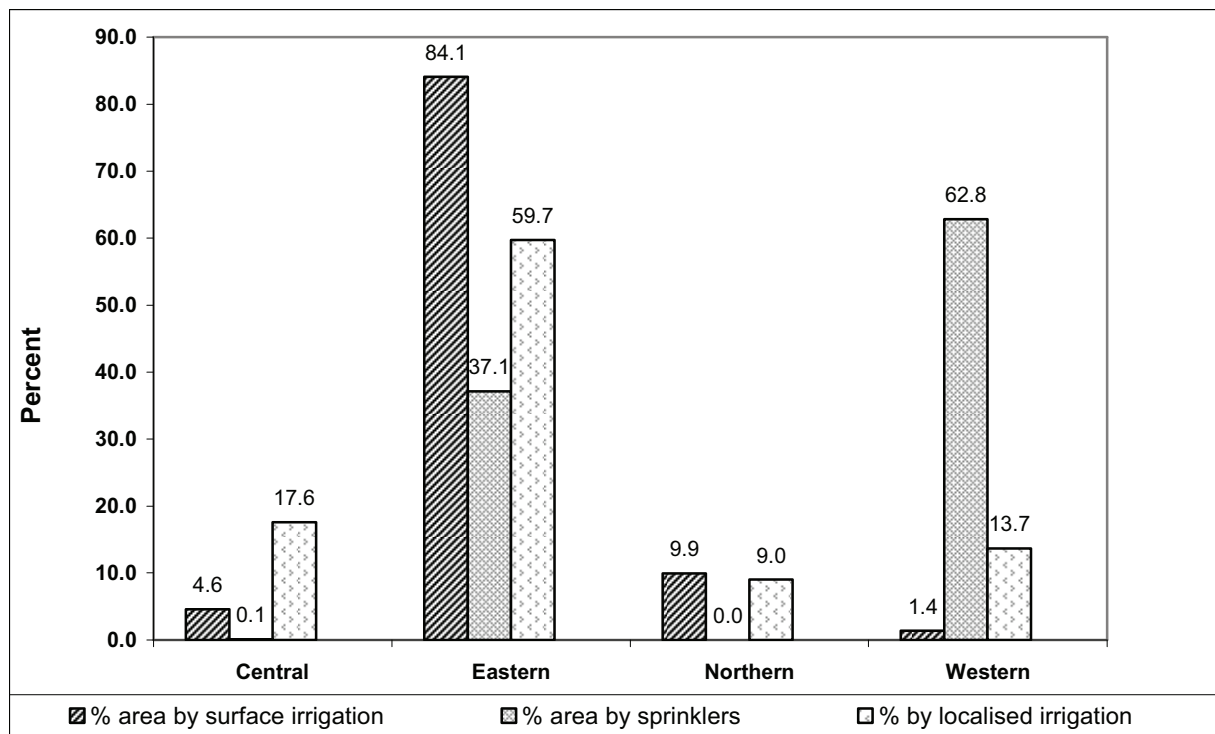
Like *Surface Irrigation*, *Localized Irrigation* was reported by all four (4) regions. The Eastern Region had the largest area of 3,021 Ha (59.7 %) under this method of irrigation. The Northern Region had the least area of 454 Ha (9.0 %).

The details are shown in Table 4.2 and Figure 4.2.

**Table 4.2: Area (Ha) Irrigated according to Method of Irrigation**

Region	Surface	percent	Sprinklers	percent	Localized	percent
Central	69	4.6			892	17.6
Eastern	1,283	84.1	127	37.0	3,021	59.7
Northern	151	9.9			454	9.0
Western	22	1.4	216	63.0	690	13.7
<b>Uganda</b>	<b>1,525</b>	<b>100.0</b>	<b>343</b>	<b>100.0</b>	<b>5,057</b>	<b>100.0</b>

**Figure 4.2: Showing percentage Area by Method of Irrigation by Region**



#### 4.4 Sources of Irrigation Water in Uganda

During the UCA 2008/09, data was collected on eight (8) sources of Irrigation Water namely:

- viii) River/Lake/Pond/Mountain (By Gravity);
- ix) River/lake/pond (by pumping);
- x) Dam/reservoir;
- xi) Deep Well/Tube well;
- xii) Shallow Well;
- xiii) Municipal /Town Council Water Supply;
- xiv) Harvested Water; and,
- xv) Other Sources

##### 4.4.1 River/Lake/Pond/Mountain (By Gravity) regional distribution

River/Lake/Pond/Mountain (By Gravity) as a source of water for irrigation was reported by all regions. Out of the 3.6 million Ag HHs that responded, 6,900 Ag HHs (0.17 %) reported having this source of water for irrigation.

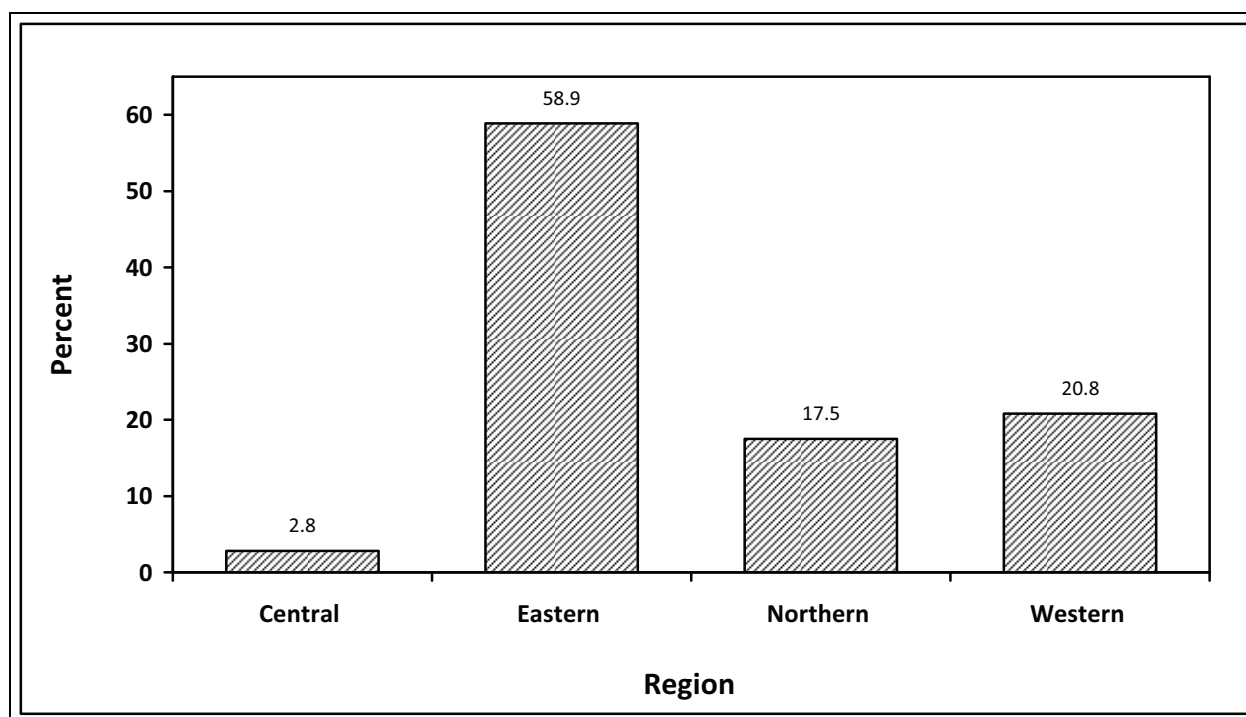
The Eastern Region with 3,500 Ag HHs (58.9 %) had the highest number of households, followed by the Western Region with 1,200 (20.8 %). The Central Region reported the least number of Ag HHs (167 or 2.8 %) that used this source.

The details are provided in Table 4.3 and Figure 4.3.

**Table 4.3: Distribution of Ag HHs that reported River/Lake/Pond/Mountain (By Gravity) as a Source of Irrigation Water by Region**

Region	Ag HH using Gravity flow	percent
Central	167	2.8
Eastern	3,453	58.9
Northern	1,024	17.5
Western	1,220	20.8
<b>Uganda</b>	<b>5,864</b>	<b>100</b>

**Figure 4.3: Percent Distribution of Ag HHs that reported River/Lake/Pond/Mountain (By Gravity) as a Source of Irrigation Water by Region**



#### 4.4.2 River/Lake/Pond (by Pumping)

Out of the 3.6 million Ag HHs that responded, about 1,300 Ag HHs (0.04 %) reported having River/lake/pond (by pumping) as a source of water for irrigation.

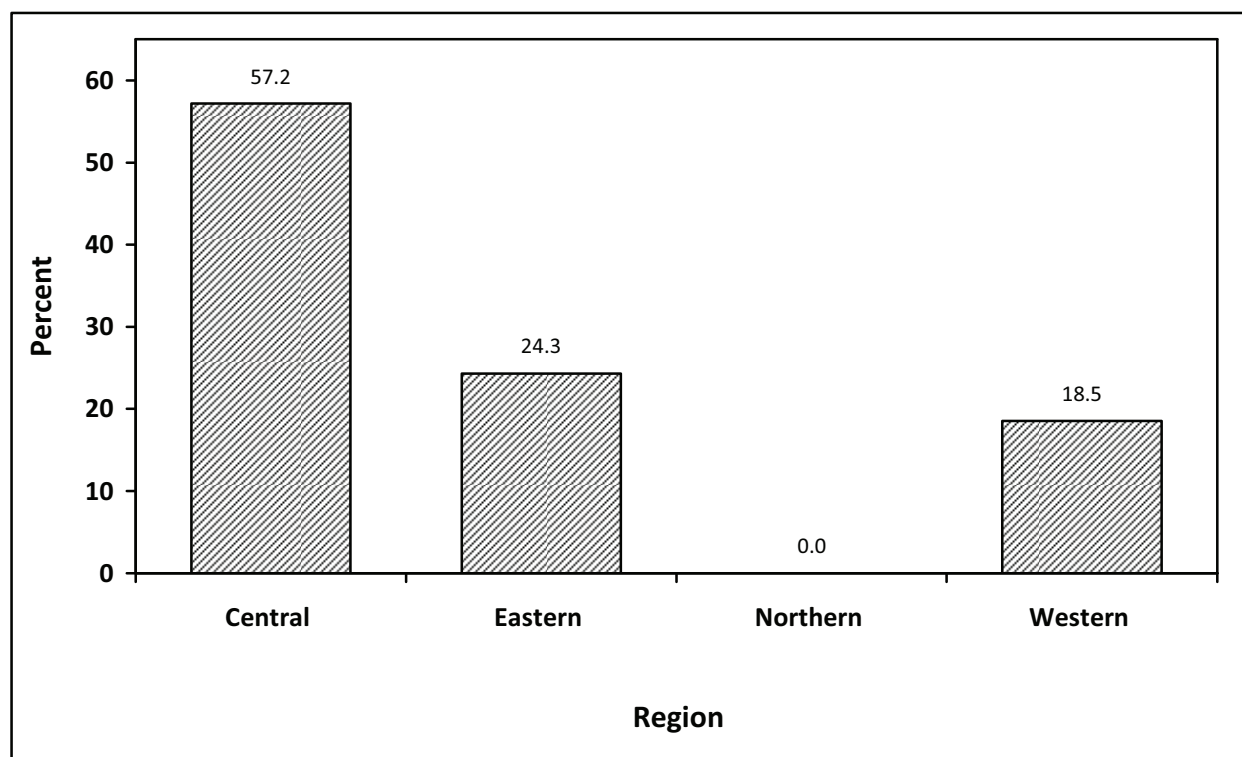
This source of water for irrigation was reported by all regions except the Northern Region. The Central Region with 746 Ag HHs (57.2 %) had the highest number of households, followed by the Eastern Region with 317 (24.3 %). The Western Region reported the least number of Ag HHs (241 or 18.5 %) that had this source.

The details are provided in Table 4.4 and Figure 4.4.

**Table 4.4: Distribution of Ag HHs that reported River / Lake/Pond (by Pumping) as a Source of Irrigation Water by Region**

Region	Ag HH using Pumping	percent
Central	746	57.2
Eastern	317	24.3
Northern		
Western	241	18.5
<b>Uganda</b>	<b>1,304</b>	<b>100</b>

**Figure 4.4: Percent Distribution of Ag HHs that reported River / Lake/Pond (by Pumping) as a Source of Irrigation Water by Region**



#### 4.4.3 Dam/Reservoir

Out of the 3.6 Ag HHs that responded, nearly 1,300 Ag HHs (0.04 %) reported having this source of water for irrigation.

All regions except the Western Region reported *Dam/reservoir* as a source of water for irrigation. With 40.5 percent of the Ag HHs having reported *Dam/reservoir*, the Northern Region had the highest percentage (40.5 %), followed by the Eastern Region with 36.4 percent. The Central Region reported the least percentage (23.1 %) that had this source.

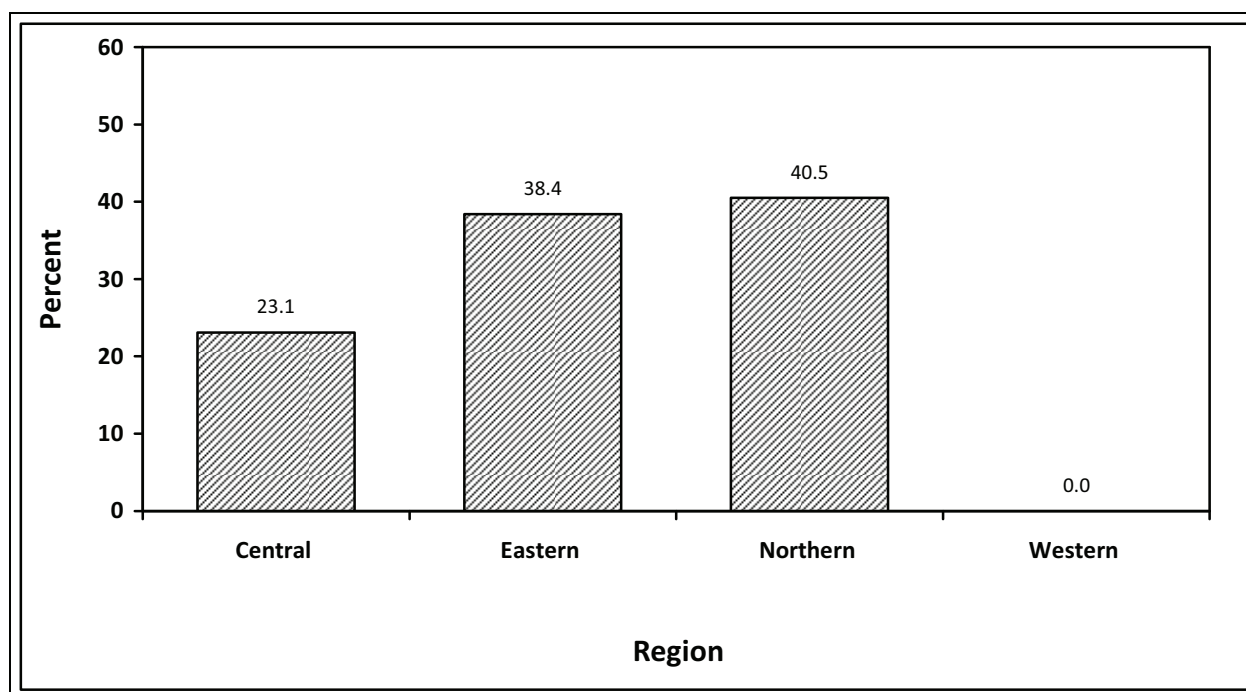
The details are provided in Table 4.5 and Figure 4.5.



**Table 4.5: Distribution of Ag HHs that reported Dam/Reservoir as a Source of Irrigation Water by Region**

Region	Ag HH using Reservoir	percent
Central	294	23.1
Eastern	464	36.4
Northern	516	40.5
Western	0	0.0
<b>Uganda</b>	<b>1,274</b>	<b>100</b>

**Figure 4.5: Percent Distribution of Ag HHs that reported Dam/Reservoir as A Source of Irrigation Water by Region**



#### 4.4.4 Deep Well/Tube well (DW/TBW)

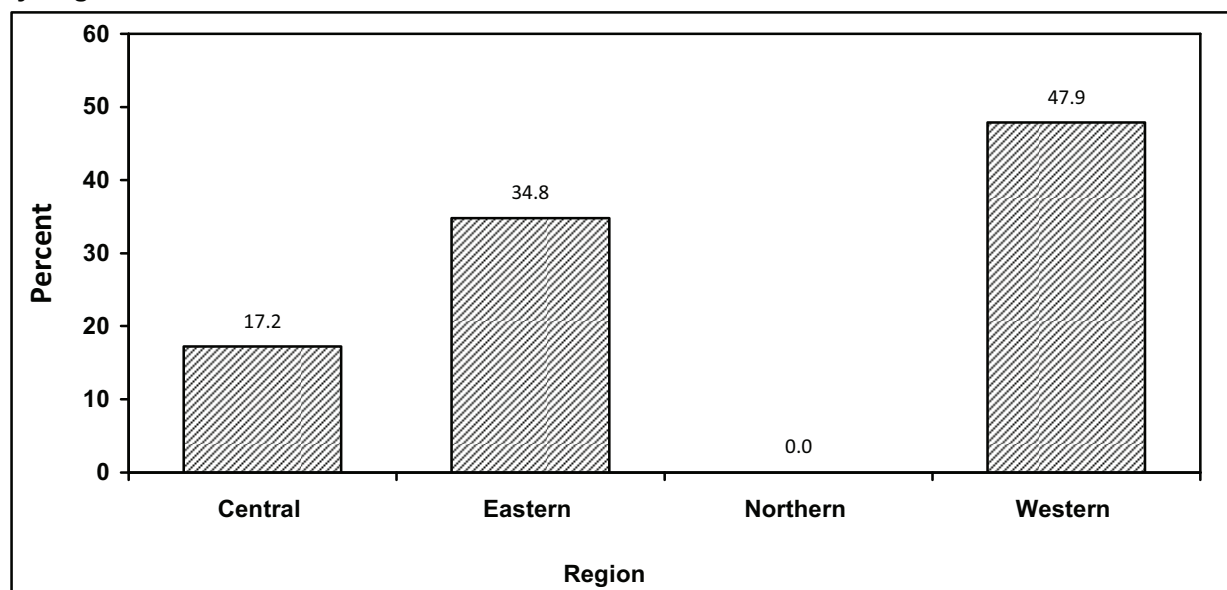
Out of the 3.6 million Ag HHs that responded, nearly 5,000 Ag HHs (0.14 %) reported having this source of water for irrigation.

All regions except the Northern Region reported DW/TBW as a source of water for irrigation. With 2,430 Ag HHs (47.9 %) reporting having Dam/reservoir, the Western Region had the highest number, followed by the Eastern Region with 1,760 (34.8 %). The Central Region reported the least number of Ag HHs (873 or 17.2 %) that had this source.

The details are provided in Table 4.6 and Figure 4.6.

**Table 4.6: Distribution of Ag HHs that reported DW/TBW as a source of irrigation water by Region**

Region	Ag HH that used DW/TBW	percent
Central	873	17.2
Eastern	1,764	34.8
Northern		
Western	2,426	47.9
<b>Uganda</b>	<b>5,063</b>	<b>100</b>

**Figure 4.6: Percent Distribution of Ag HHs that reported DW/TBW as a source of irrigation water by Region**

#### 4.4.5 Shallow Well

Out of the 3.6 million Ag HHs that responded, nearly 16,000 Ag HHs (0.44 %) reported having this source of water for irrigation.

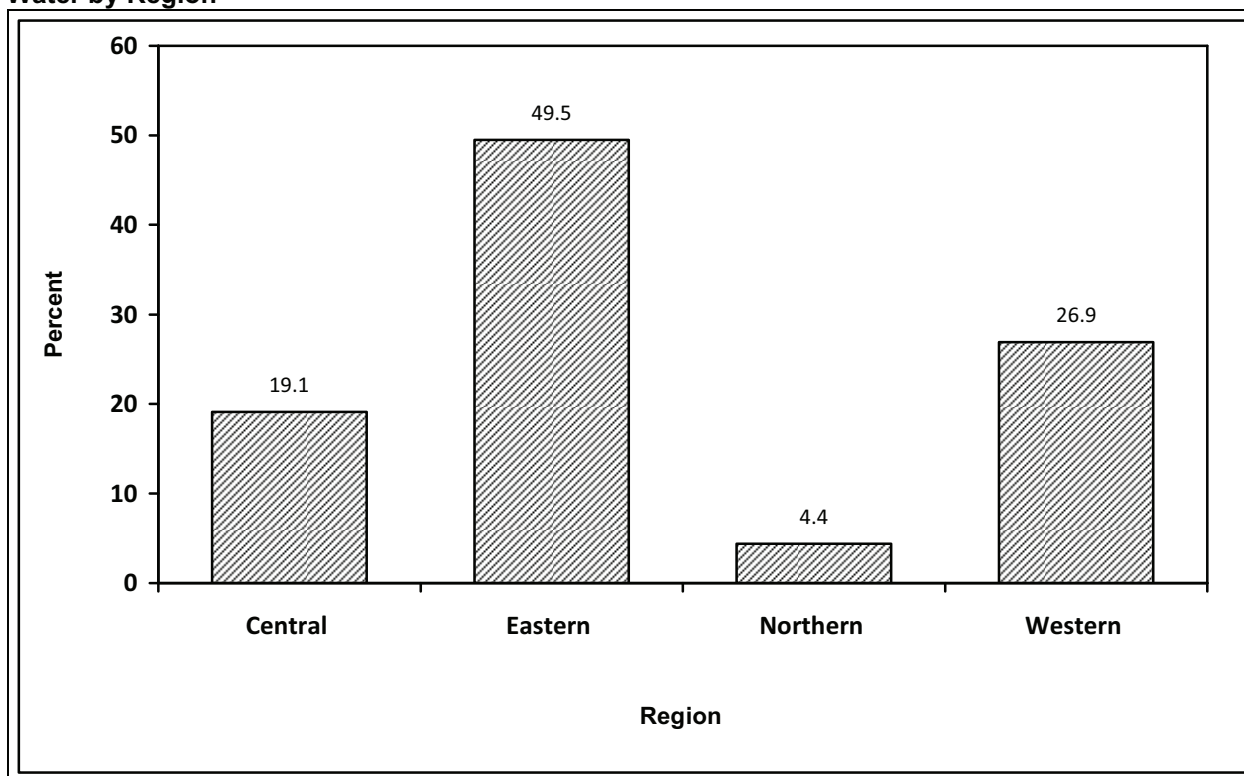
All regions reported *Shallow well* as a source of water for irrigation. The Eastern Region with 8,000 Ag HHs (49.5 %) reporting having Dam/reservoir, had the highest number, followed by the Western Region with 4,000 (26.9 %). The Northern Region reported the least number of Ag HHs (730 or 4.4 %) that had this source.

The details are provided in Table 4.7 and Figure 4.7.

**Table 4.7: Distribution of Ag HHs that reported Shallow Well as a Source of Irrigation Water by Region**

Region	Ag HH that used Shallow Well	percent
Central	3,151	19.1
Eastern	8,165	49.5
Northern	730	4.4
Western	4,436	26.9
<b>Uganda</b>	<b>16,482</b>	<b>100</b>

**Figure 4.7: Percent Distribution of Ag HHs that reported Shallow Well as a Source of Irrigation Water by Region**



#### 4.4.6 Municipal /Town Council Water Supply

Out of the 3.6 million Ag HHs that responded, nearly 1000 Ag HHs (0.03 %) reported having this source of water for irrigation.

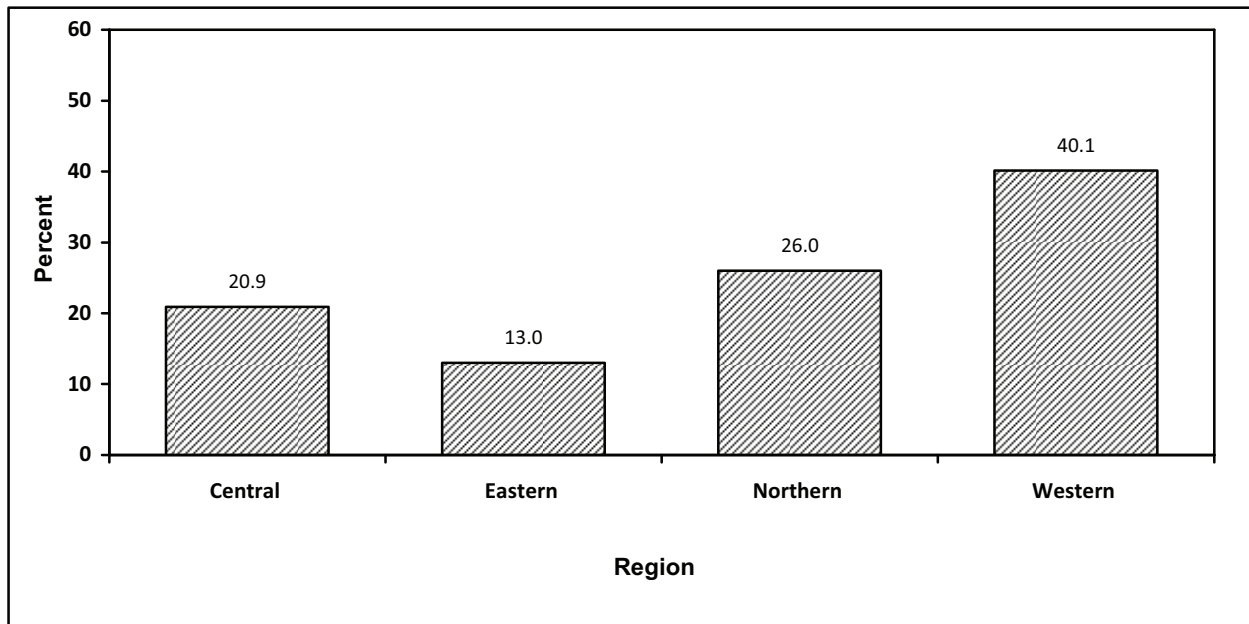
All regions reported *Municipal/Town Council Water Supply* as a source of water for irrigation. The Western Region with 353 Ag HHs (40.1 %) reporting using Municipal /Town Council Water Supply, had the highest number, followed by the Northern Region with 229 (26.0 %). The Eastern Region reported the least number of Ag HHs (114 or 13.0 %) that used this source.

The details are provided in Table 4.8 and Figure 4.8.

**Table 4.8: Distribution of Ag HHs that reported Municipal /Town Council Water Supply as a source of irrigation water by Region**

Region	Ag HHs	percent
Central	184	20.9
Eastern	114	13.0
Northern	229	26.0
Western	353	40.1
<b>Uganda</b>	<b>880</b>	<b>100</b>

**Figure 4.8: Percent Distribution of Ag HHs that reported Municipal /Town Council Water Supply as a Source of Irrigation Water by Region**



#### 4.4.7 Harvested water for irrigation

Out of the 3.6 million Ag HHs that responded, nearly 2,100 Ag HHs (0.1 %) reported having *Harvested Water* as source of water for irrigation. All regions reported Harvested Water as a source of water for irrigation.

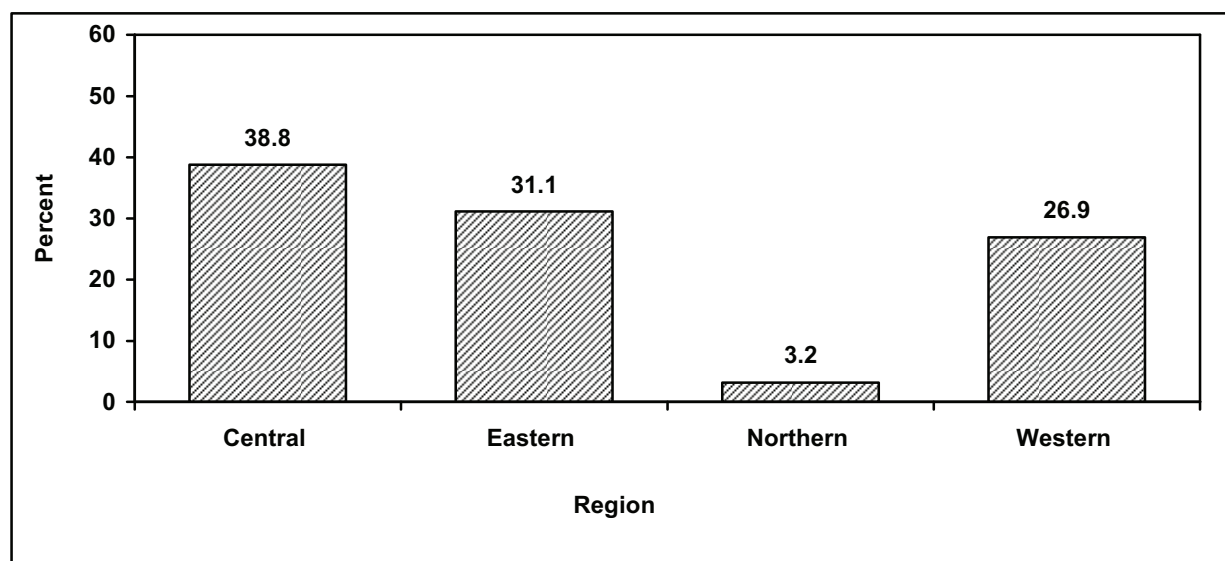
The Central Region with 810 Ag HHs (38.8 %) reporting having this source, had the highest number, followed by the Eastern Region with 648 (31.1 %). The Northern Region reported the least number of Ag HHs (67 or 3.2 %) that had this source.

The details are provided in Table 4.9 and Figure 4.9.

**Table 4.9: Distribution of Ag HHs that reported Harvested water as a source of irrigation water by Region**

Region	Ag HHs	percent
Central	810	38.8
Eastern	648	31.1
Northern	67	3.2
Western	561	26.9
<b>Uganda</b>	<b>2,086</b>	<b>100</b>

**Figure 4.9: Percent Distribution of Ag HHs that reported Harvested water as A Source of Irrigation Water by Region**



#### 4.4.8 Harvested and 'Other Sources' of Water for Irrigation

Out of the 3.6 million Ag HHs that responded, 4,400 (0.1 %) reported having *Other Sources* as source of water for irrigation. All regions reported *Other Sources* as source of water for irrigation.

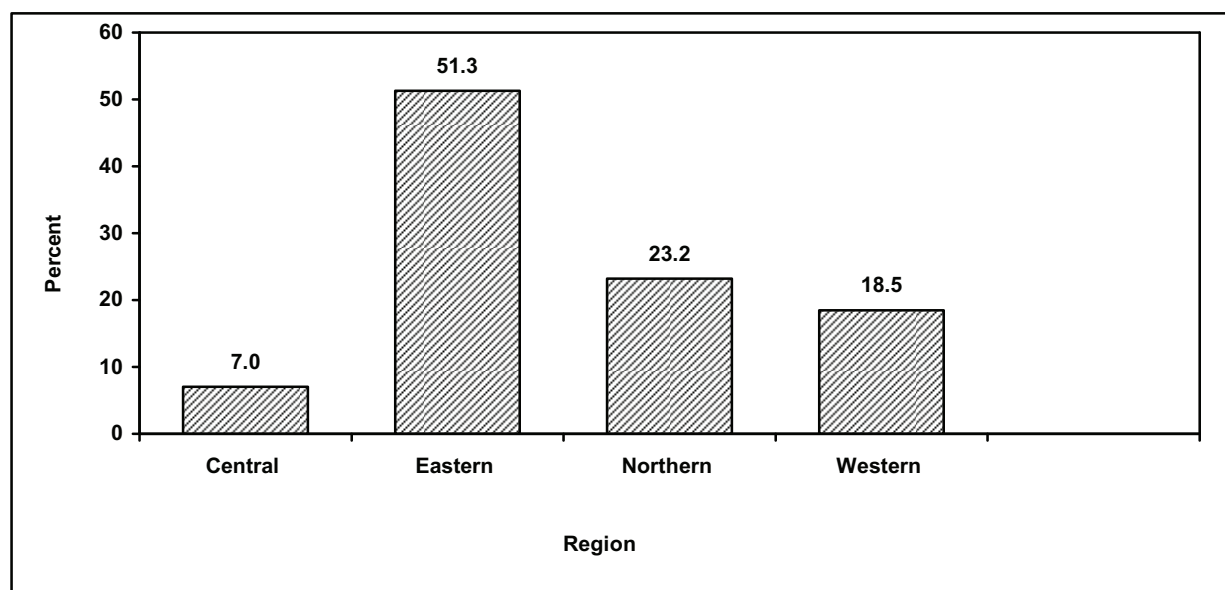
The Eastern Region with 2,000 (51.3 %) reporting having this source, had the highest number, followed by the Northern Region with 1,000 (23.2 %). The Central Region reported the least number of Ag HHs (308 or 7.0 %) that had this source.

The details are provided in Table 4.10 and Figure 4.10.

**Table 4.10: Distribution of Ag HHs that reported Harvested and Other Sources as a Source of Irrigation Water by Region**

Region	Ag HHs	percent
Central	308	7.0
Eastern	2,274	51.3
Northern	1,026	23.2
Western	819	18.5
<b>Uganda</b>	<b>4,427</b>	<b>100</b>

**Figure 4.10: Percent Distribution of Ag HHs that reported Harvested and Other Sources as a Source of Irrigation Water by Region**



#### 4.5 Payment Terms for Irrigation Water

Data was collected on various Payment Terms of Irrigation Water which included:

- i) Water fee per Ha;
- ii) Water fee per volume; and,
- iii) Other form of payment for water.

##### 4.5.1 Water Fee per Ha

The total number of Ag HHs that responded was about 3.6 million out of which approximately 1,300 (0.04 %) reported using *Water fee per Ha* as a term of payment for Irrigation Water. All regions except the Central Region reported this term of payment.

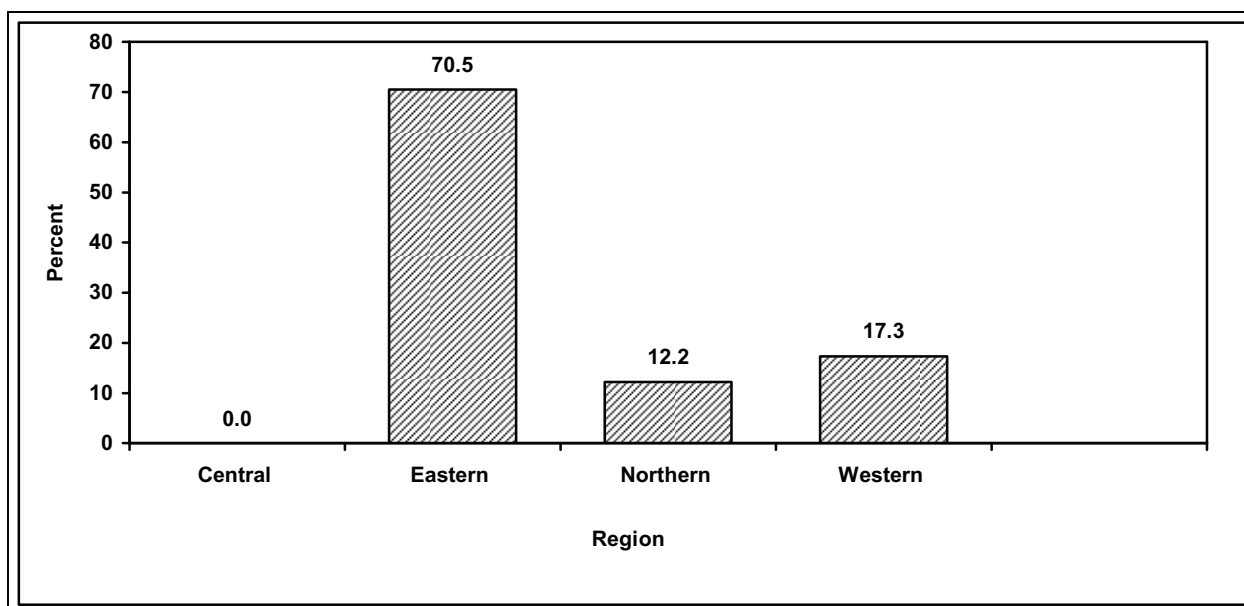
The regional distribution reveals that the Eastern Region had the highest percentage (70.5 %) of Ag HHs that reported *Water fee per Ha* as a term of payment. This was followed by the Western Region with 230 (17.3 %) Ag HHs while the Northern Region with 162 (12.3 %) Ag HHs reported the least.

The details are provided in Table 4.11 and Figure 4.11.

**Table 4.11: Distribution of Ag HHs that reported 'Water fee per Ha' as a Payment Term of Irrigation Water by Region**

Region	Ag HHs	percent
Central		
Eastern	937	70.5
Northern	162	12.2
Western	230	17.3
<b>Uganda</b>	<b>1,329</b>	<b>100.0</b>

**Figure 4.11: Distribution of Ag HHs that reported 'Water fee per Ha' as a Payment Term of Irrigation Water by Region**



#### 4.5.2 Water Fee per Volume

The total number of Ag HHs that responded was about 3.6 million out of which approximately 1,100 (0.03 %) reported using *Water fee per Volume* as a term of payment for Irrigation Water. All the four (4) regions reported this term of payment.

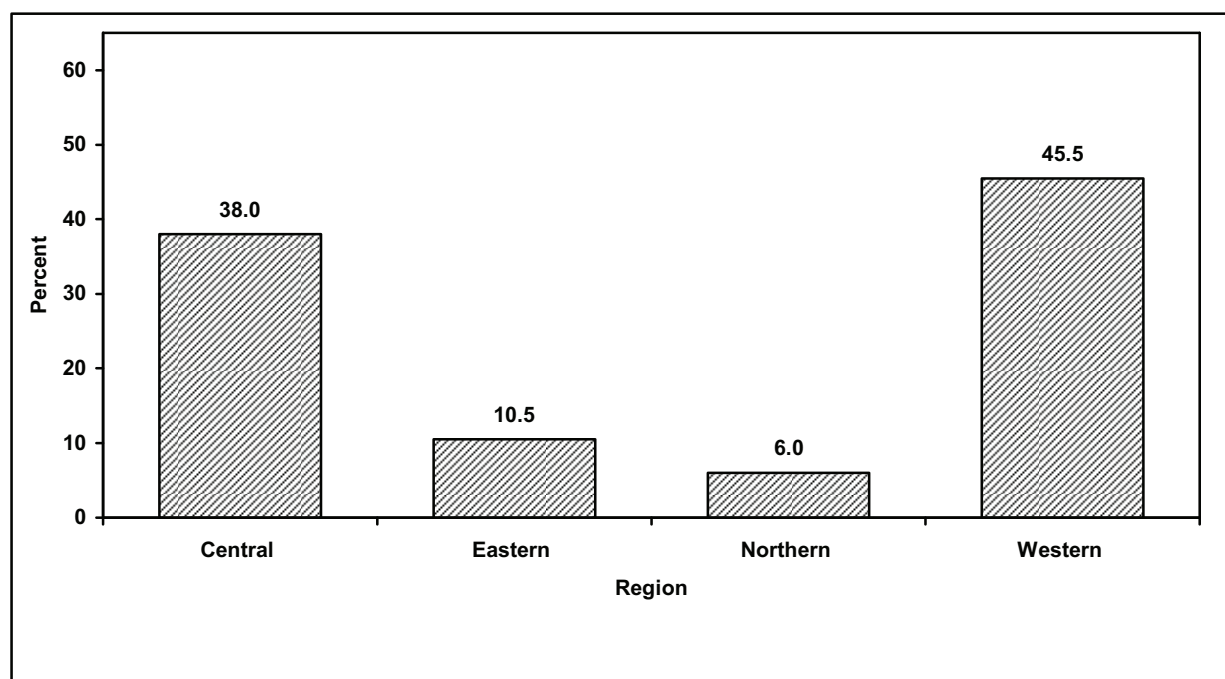
The regional distribution revealed that the Western Region with 509 (45.5 %) Ag HHs that reported *Water fee per Volume* as a term of payment had the highest number. This was followed by the Central Region with 425 (38.0 %) Ag HHs. The Northern Region with 67 (6.0 %) Ag HHs reported the least.

The details are provided in Table 4.12 and Figure 4.12.

**Table 4.12: Distribution of Ag HHs that reported Water Fee per Volume as a Payment term of Irrigation Water by Region**

Region	Ag HHs	percent
Central	425	38.0
Eastern	116	10.5
Northern	67	6.0
Western	509	45.5
<b>Uganda</b>	<b>1,119</b>	<b>100</b>

**Figure 4.12: Distribution of Ag HHs that reported Water Fee per Volume as a Payment term of Irrigation Water by Region**



### 4.5.3 Other Form of Payment

Out of the 3.6 million Ag HHs that responded, nearly 1,300 (0.04 %) reported using 'Other form of payment' as a term of payment for Irrigation Water. All the four (4) regions reported this term of payment. The regional distribution reveals that the Western Region with 474 (36.9 %) Ag HHs that reported 'Other form of payment' as a term of payment had the highest number. This was followed by the Eastern Region with 368 (28.7 %) and Central Region with 367 (28.6 %) Ag HHs. The Northern Region with 74 (5.8 %) of the Ag HHs, reported the least.

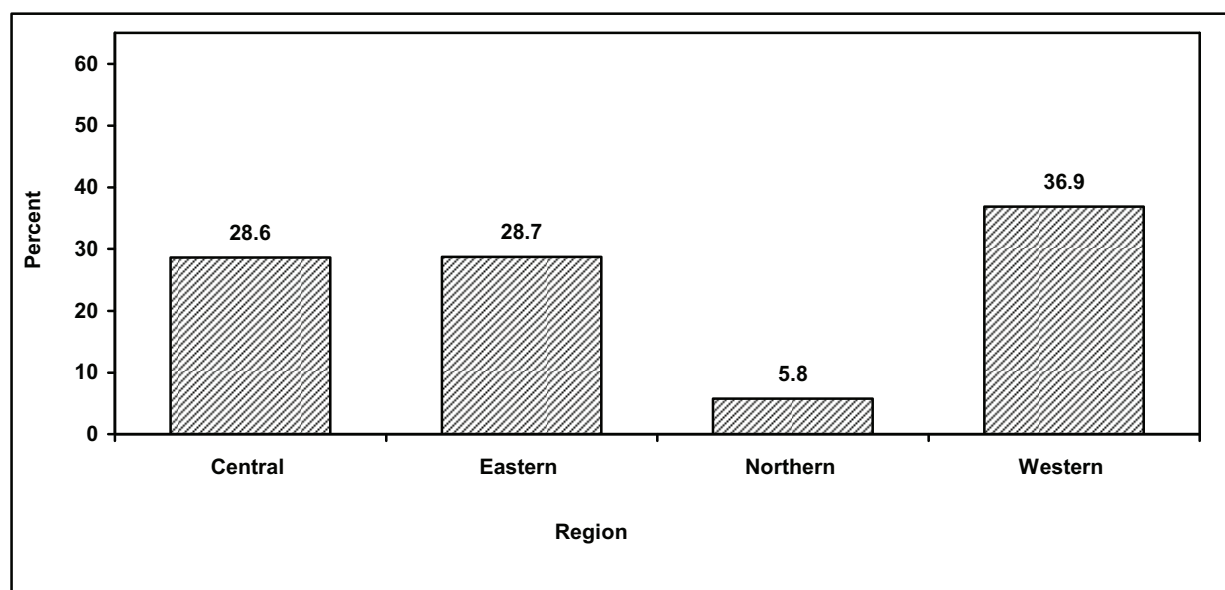
The details are provided in Table 4.13 and Figure 4.13.

**Table 4.13: Distribution of Ag HHs that reported Other Form as Payment Term of Irrigation Water by Region**

Region	Ag HHs	%
Central	367	28.6
Eastern	368	28.7
Northern	74	5.8
Western	474	36.9
<b>Uganda</b>	<b>1,284</b>	<b>100.0</b>



**Figure 4.13: Distribution of Ag HHs that reported Other Form as Payment Term of Irrigation Water by Region**



#### 4.6 Other types of Water Management Practices

During the UCA 2008/09, data was collected on *Other Types of Water Management*. These included:

- i. Wetland and Inland Valley Bottoms;
- ii. Flood Recession Cultivation;
- iii. Spate Irrigation; and,
- iv. Other form.

##### 4.6.1 Wetland and Inland Valley Bottoms

*Wetland and inland valley bottoms* are lowland areas subject to seasonal flooding that are used for cropping when covered with water. Out of the 3.6 million Ag HHs that responded, 481,000 (13.4 %) reported using *Wetland and inland valley bottoms*. All the four (4) regions reported this type of water management practice.

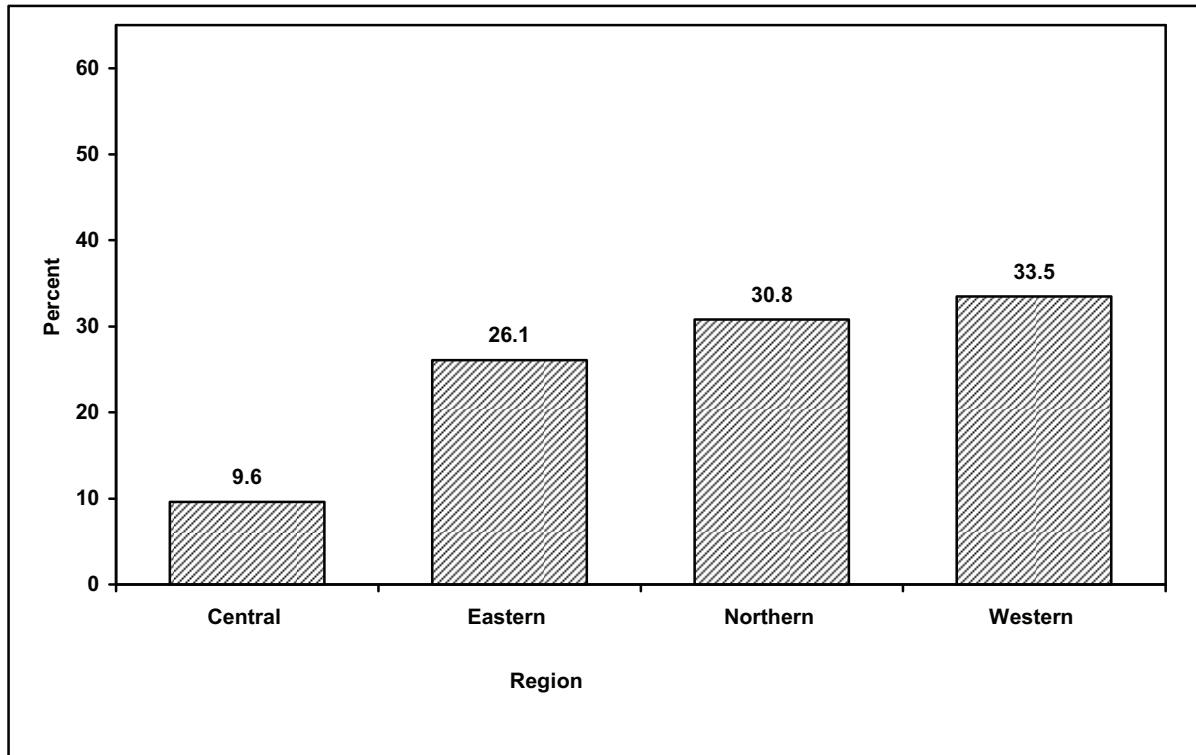
The regional distribution revealed that the Western Region had the highest percentage (33.5 %) of Ag HHs that reported *Wetland and inland valley bottoms* water management. This was followed by the Northern Region with 30.8 percent while the Central Region with 9.6 percent reported the least.

The details are provided in Table 4.14 and Figure 4.14.

**Table 4.14: Distribution of Ag HHs that reported 'Wetland and Inland Valley Bottoms**

Region	Ag HHs	%
Central	46,027	9.6
Eastern	125,502	26.1
Northern	148,217	30.8
Western	161,485	33.5
<b>Uganda</b>	<b>481,232</b>	<b>100</b>

**Figure 4.14: Percent Distribution of Ag HHs that reported Wetland and Inland Valley Bottoms**



#### 4.6.2 Flood Recession Cultivation

Flood recession cultivation refers to areas along the edge of rivers or other water bodies where cultivation occurs, making use of water from receding floods. Out of the 3.6 million Ag HHs that responded, 206,000 (5.7 %) reported using *Flood recession cultivation* as a type of water management practice. All the four (4) regions reported this type of water management practice.

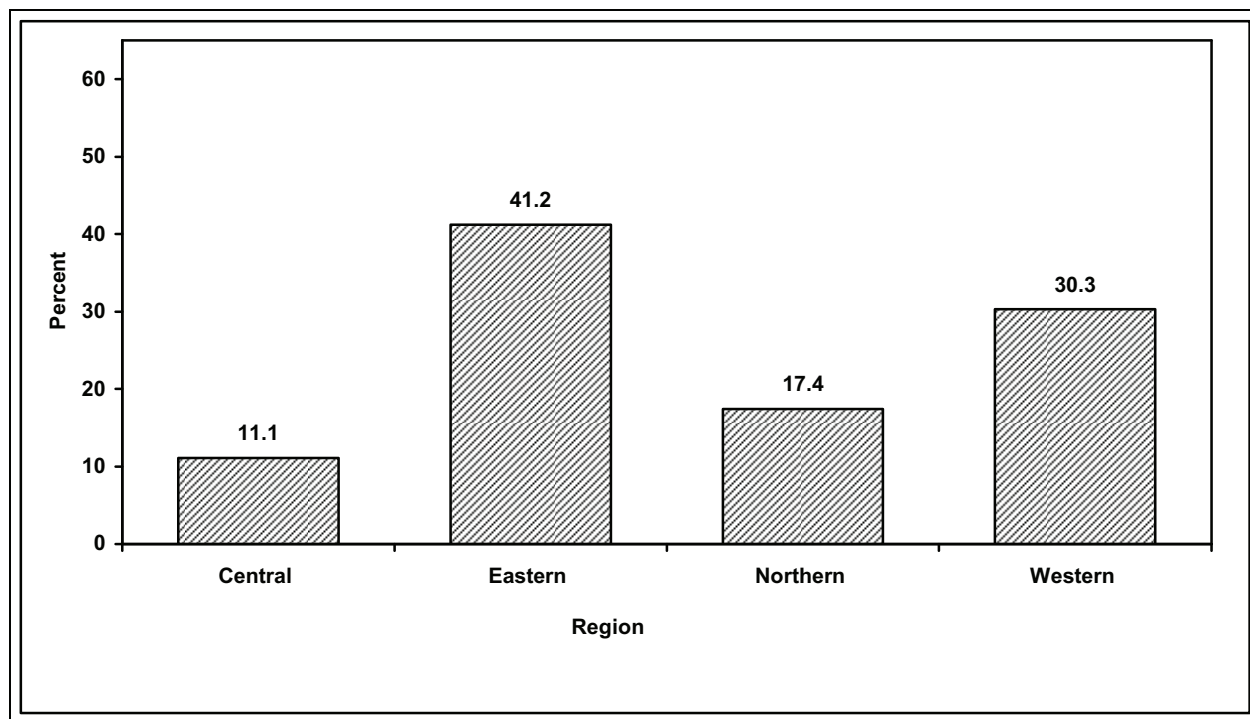
In terms of regional distribution, the Eastern Region with 41.2 percent Ag HHs had the highest percentage that reported *Flood recession cultivation* followed by the Western Region with 30.3 percent while the Central Region with 11.1 percent reported the least.

The details are provided in Table 4.15 and Figure 4.15.

**Table 4.15: Distribution of Ag HHs that reported Flood Recession Cultivation**

Region	Ag HHs	%
Central	22,754	11.1
Eastern	84,774	41.2
Northern	35,839	17.4
Western	62,204	30.3
<b>Uganda</b>	<b>205,572</b>	<b>100</b>

**Figure 4.15: Percent Distribution of Ag HHs that reported Flood Recession Cultivation**



### 4.6.3 Spate Irrigation

*Spate irrigation* is a method of random irrigation using the floodwaters of a normally dry water course or riverbed. Out of the 3.6 million Ag HHs that responded, 80,000 (2.2 %) reported using '*Spate irrigation*' as a type of water management practice. All the four (4) regions reported this type of water management practice.

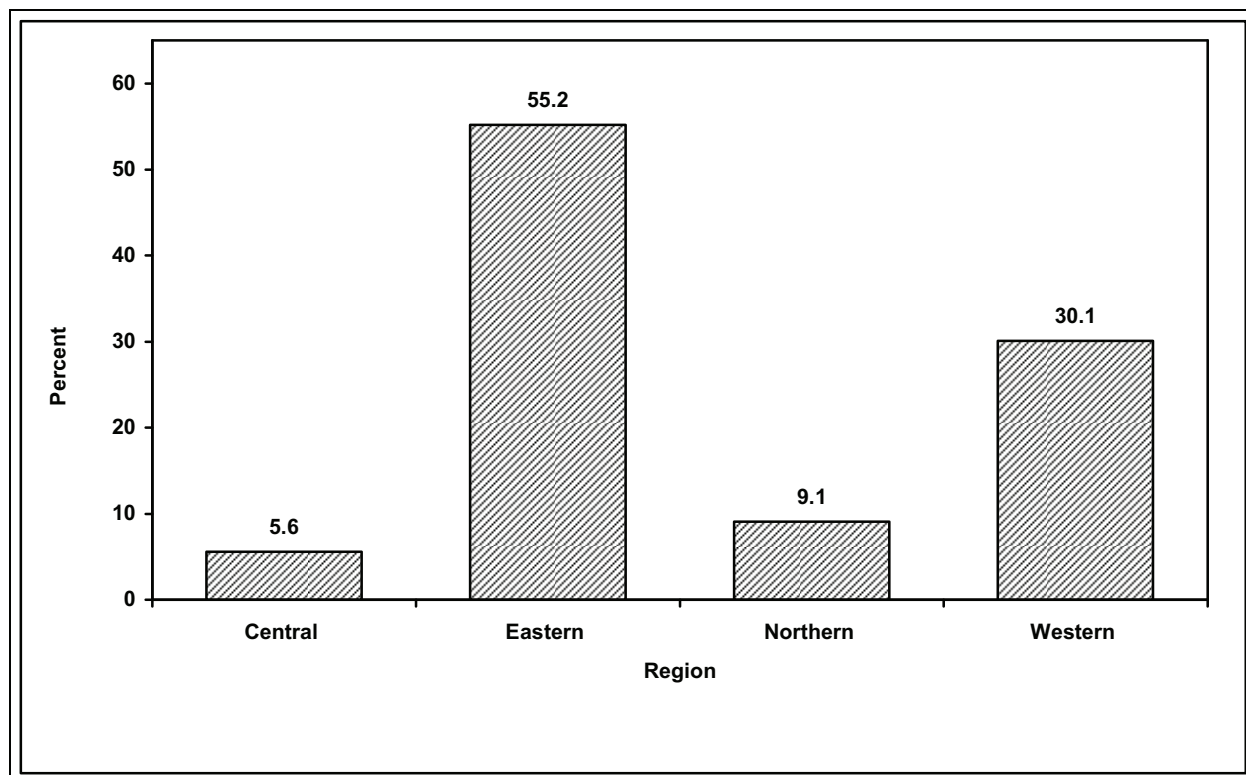
In terms of regional distribution, the Eastern Region with 55.2 percent Ag HHs had the highest percentage that reported *Spate irrigation*. This was followed by the Western Region with 30.1 percent while the Central Region with 5.6 percent reported the least.

The details are provided in Table 4.16 and Figure 4.16.

**Table 4.16: Distribution of Ag HHs that reported Spate Irrigation**

Region	Ag HHs	%
Central	4,540	5.6
Eastern	44,425	55.2
Northern	7,319	9.1
Western	24,214	30.1
<b>Uganda</b>	<b>80,498</b>	<b>100</b>

**Figure 4.16: Percent Distribution of Ag HHs that reported Spate Irrigation**



#### 4.6.4 Other Form of Water Management Practice

Out of the 3.6 million Ag HHs that responded, 695,000 (19.3 %) reported using 'Other form' as a type of water management practice. All the four (4) regions reported this type of water management practice.

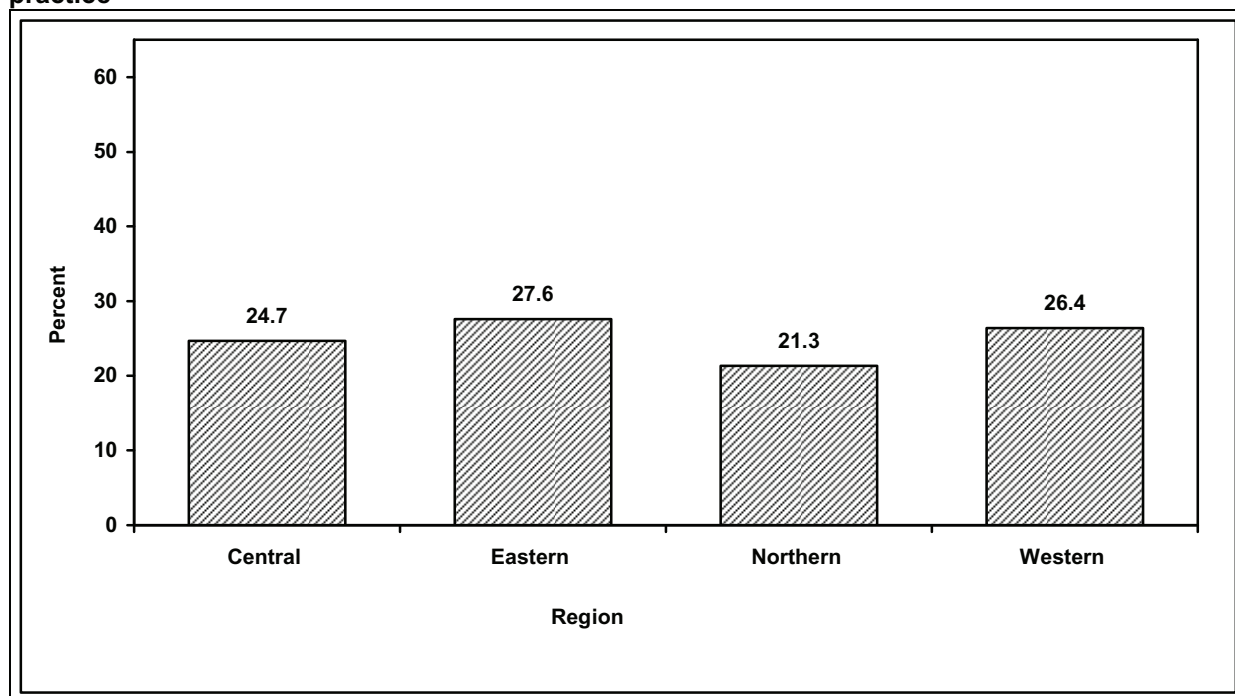
The regional distribution showed that, the Eastern Region with 27.6 percent of Ag HHs had the highest percentage that reported *Other Form* of Water Management Practice. This was closely followed by the Western Region with 26.4 percent while the Northern Region with 21.3 percent reported the least.

The details are provided in Table 4.17 and Figure 4.17

**Table 4.17: Distribution of Ag HHs that reported Other Form of Water Management Practice**

Region	Ag HHs	%
Central	171,742	24.7
Eastern	191,748	27.6
Northern	148,179	21.3
Western	183,238	26.4
<b>Uganda</b>	<b>694,907</b>	<b>100</b>

**Figure 4.17: Percent Distribution of Ag HHs that reported Other Form of water management practice**



#### 4.7 Ag HH exposure to Flooding or Water Retention

Information was collected on Ag HHs regarding:

- i) Proneness to flooding;
- ii) Undertaking of any drainage on the Ag HH; and
- iii) Area of agricultural land drained.

##### 4.7.1 Holdings Prone to Flooding

Out of the 3.6 million Ag HHs that responded, 258,000 (7.2 %) reported Ag HHs that were '*Prone to flooding*'. All the four (4) regions reported holdings *Prone to flooding*.

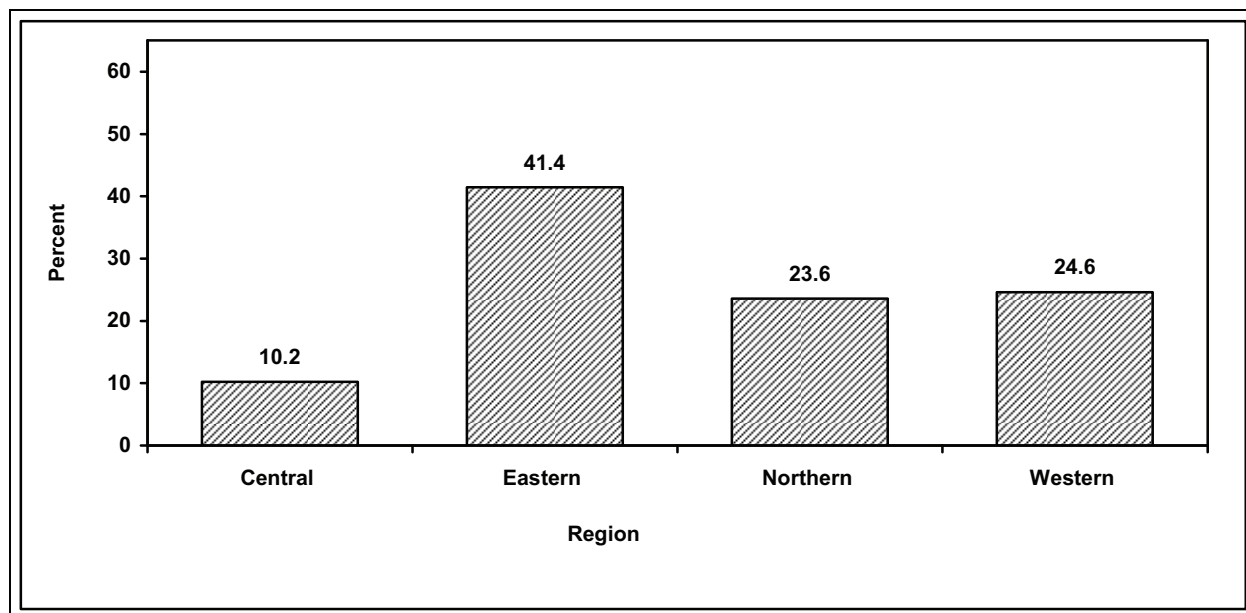
The regional distribution showed that, the Eastern Region with 41.4 percent of Ag HHs had the highest percentage that reported being *Prone to Flooding*. This was followed by the Western Region with 24.6 percent while the Central Region with 10.2 percent reported the least.

The details are provided in Table 4.18 and Figure 4.18

**Table 4.18: Distribution of Ag HHs that reported Proneness to Flooding**

Region	Ag HHs	percent
Central	26,215	10.2
Eastern	106,851	41.4
Northern	61,617	23.8
Western	63,573	24.6
<b>Uganda</b>	<b>258,256</b>	<b>100</b>

**Figure 4.18: Percent Distribution of Ag HHs that reported Proneness to flooding**



#### **4.7.2 Undertaking of Drainage on the Ag HH**

The total number of Ag HHs that responded was about 3.6 million out of which nearly 115,000 (3.2 %) reported using 'Drainage on the Ag HH'. All the four (4) regions reported *Drainage on the Ag HH*.

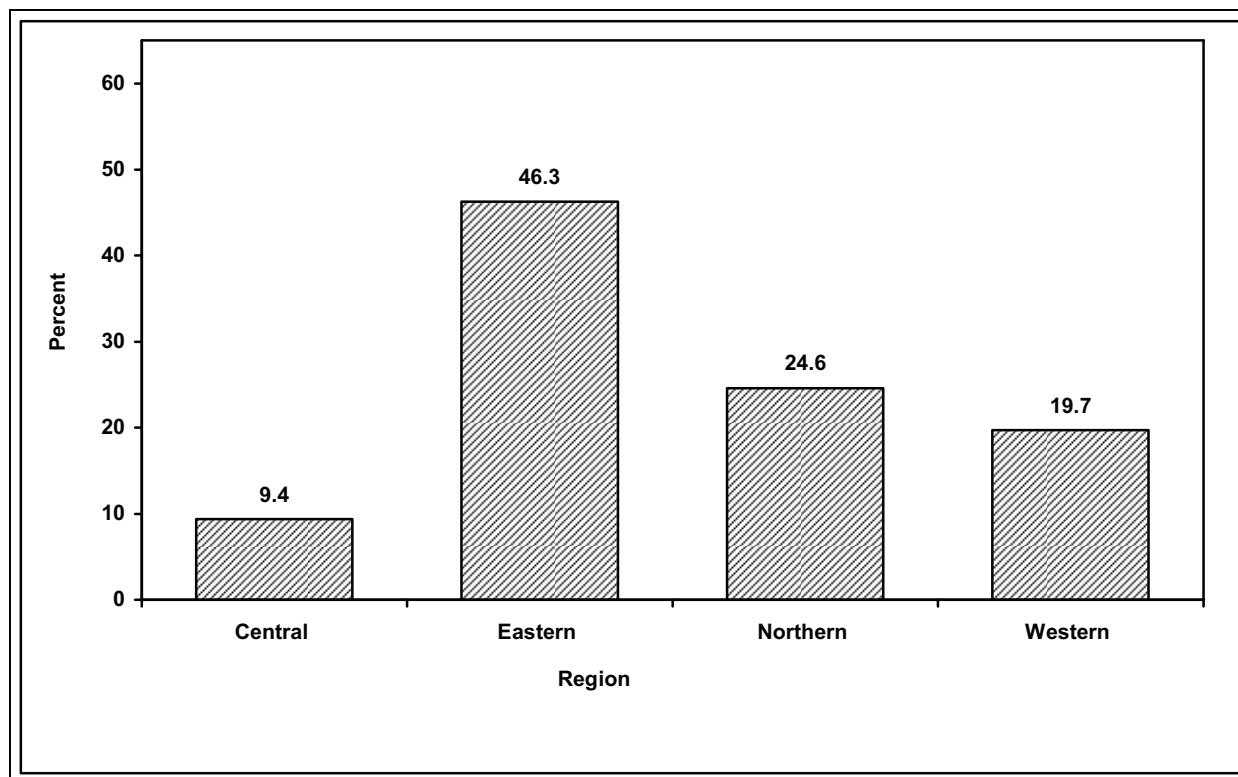
The regional distribution showed that the Eastern Region with 53,000 (46.3 %) Ag HHs that reported *Drainage on the Ag HH* had the highest number. This was followed by the Northern Region with 27,000 (24.6 %) Ag HHs. The Central Region with 11,000 (9.4 %) Ag HHs reported the least.

The details are provided in Table 4.19 and Figure 4.19

**Table 4.19: Distribution of Ag HHs that reported Undertaking Drainage on the Ag HH**

Region	Ag HHs that reported <i>undertaking drainage on the Ag HH</i>	percent
Central	10,734	9.4
Eastern	53,217	46.3
Northern	28,321	24.6
Western	22,696	19.7
<b>Uganda</b>	<b>114,968</b>	<b>100</b>

**Figure 4.19: Percent Distribution of Ag HHs that reported Undertaking Drainage on the Ag HH**



### 4.7.3 Area of Agricultural Land Drained

The UCA 2008/09 revealed that the estimated area (Ha) of agricultural land that was drained was nearly 36,000 Ha. Each of the four (4) regions reported *Area of agricultural land drained*.

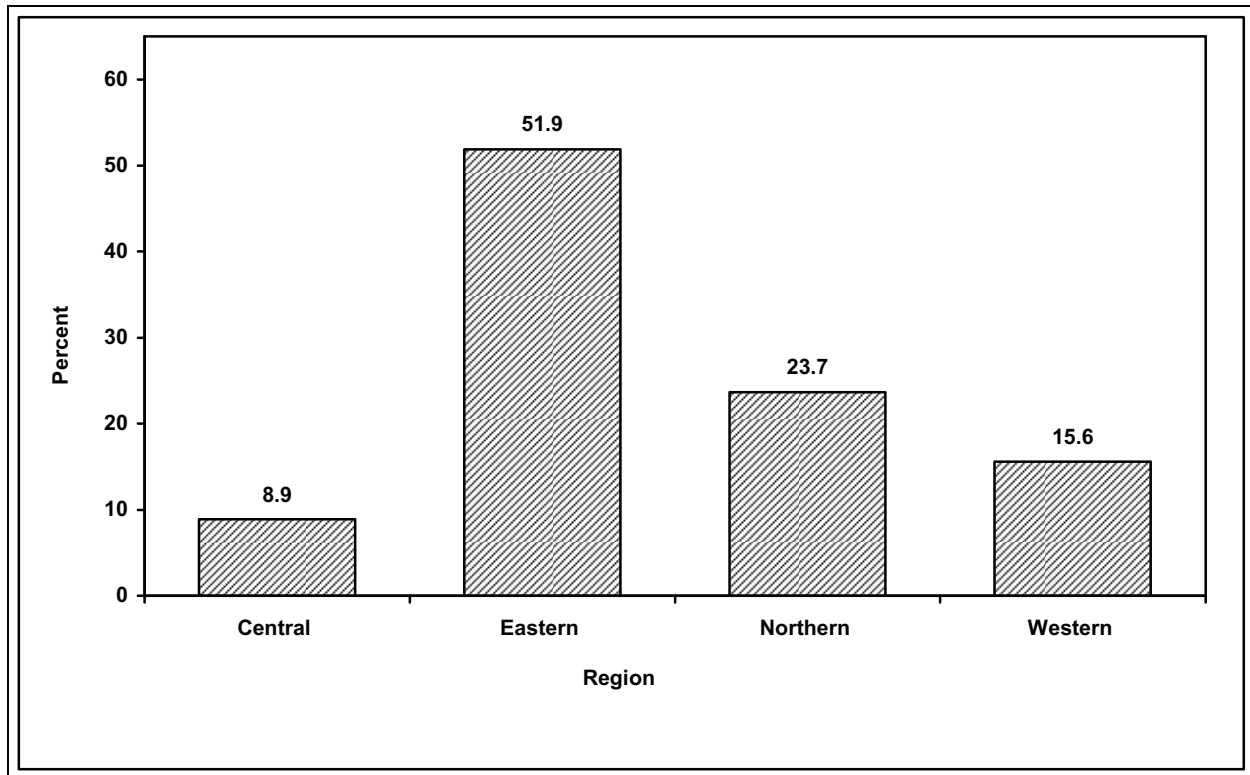
The regional distribution showed that, the Eastern Region with 19,000 (51.8 %) Ha reported the largest *Area of agricultural land drained*. This was followed by the Northern Region with 8,500 (23.7 %) while the Central Region with 3,200 (8.9 %) Ag HHs had the least area.

The details are provided in Table 4.20 and Figure 4.20.

**Table 4.20: Distribution of Area (Ha) of Agricultural Land Drained**

Region	Area (Ha)	percent
Central	3,207	8.9
Eastern	18,619	51.8
Northern	8,525	23.7
Western	5,587	15.6
<b>Uganda</b>	<b>35,938</b>	<b>100</b>

**Figure 4.20: Percent Distribution of Area (Ha) of Agricultural Land Drained**



## **4.8 Summary of findings**

### **4.8.1 Irrigation**

- i) Irrigation was practiced by less than one percent of the Ag HHs that responded thus implying agriculture is mainly rain-fed;
- ii) Total area under Irrigation was nearly 7,000 Ha;
- iii) The Eastern Region reported the largest area of over 63 percent of total estimated area under Irrigation.
- iv) Out of the eight irrigation water sources, shallow well was the most commonly used;
- v) Three methods of Payment for Irrigation water were about equally used.

### **4.8.2 Flooding**

- i) Seven (7) percent of Ag HHs reported that their Ag HHs were prone to flooding;
- ii) The Eastern Region was the most affected by this phenomenon;

### **4.8.3 Drainage on Ag HHs**

- i) Three (3) percent of Ag HHs reported carrying out drainage;
- ii) Most of the drainage was reported by the Eastern Region;
- iii) Thirty-six thousand (36,000) Ha of land were drained across the country;
- iv) Eastern Region had 51.8 percent of the drained area.



## CHAPTER FIVE

### AGRICULTURAL INPUTS

#### 5.1 Introduction

Agricultural inputs are extremely critical in the agricultural production process. In light of this consideration, the Uganda Census of Agriculture (UCA) 2008 collected data on two types of agricultural inputs namely:

- a) Non-Labour inputs; and
- b) Labour-Inputs.

The major non-labour in-puts on which data was collected included the following:

- c) Agricultural equipment;
- d) Local seeds
- e) Improved/Local seeds;
- f) Organic fertilisers;
- g) In-organic fertilisers;
- h) Pesticides;
- i) Commercially prepared animal feeds
- j) Veterinary drugs and insemination;

Regarding the major labour in-puts, data was collected on the persons who worked permanently or temporarily on the Agricultural Holding

#### 5.2 Non – Labour Inputs

##### 5.2.1 Agricultural Equipment

The agricultural equipment on which data was collected included the following: Hand Hoes, Axes, Slashers, Pangas, Watering Cans, Wheelbarrows, Pruning Knives, Pruning Saws, Chain/Hand Saw, Sheller, Spades, Fork Hoe, Tractors, Plough, Ox-Plough, Trailer, Harrow/Cultivator, Weeder, Planter, Sprayer, Pail, and Milk Cans.

##### *Agricultural equipment use and number bought: i) - xxi)*

###### **i). Hoes:**

The total number of Agricultural Households (Ag HHs) that reported use of hoes was estimated to be 3.4 million. This was about 95.8 percent of all the 3.6 million Ag HHs that responded in Uganda. Overall, over 93 percent of the Ag HHs in each of the regions reported having used Hoes.

The national mean which is the number of Hoes per Ag HH was estimated to be three (3). Each of the Central and Eastern Regions had the highest mean of four (4) Hoes while the Northern and Western Regions each had a mean of three (3).

Out of the 3.6 million Ag HHs that responded, 3.3 million (92.8 %) reported having bought hoes. Analysis within region revealed that the Northern Region had the highest percentage (52.8 %) of its Ag HHs that reported having bought Hoes during the period < 1 year ago followed by the Western Region with 50.9 percent while the Eastern Region had the least (34.3 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (62.8 %) of its Ag HHs that reported having bought Hoes followed by the Central Region with 61.8 percent while the Northern Region had the least (44.1 %).

Each of the districts of Rukungiri and Kanungu reported the highest proportion (100 %) of the Ag HHs that used hoes. Ten (10) districts (including Rukungiri and Kanungu districts) showed that at least 99.1

percent of the Ag HHs reported use of hoes. On the other hand, Kampala district reported the lowest proportion (58.1 %) of their holdings having used hoes.

The details are provided in Table(s) 5.1(a) and 5.1 (b) Figure 5.1, as well as Annex 5.1

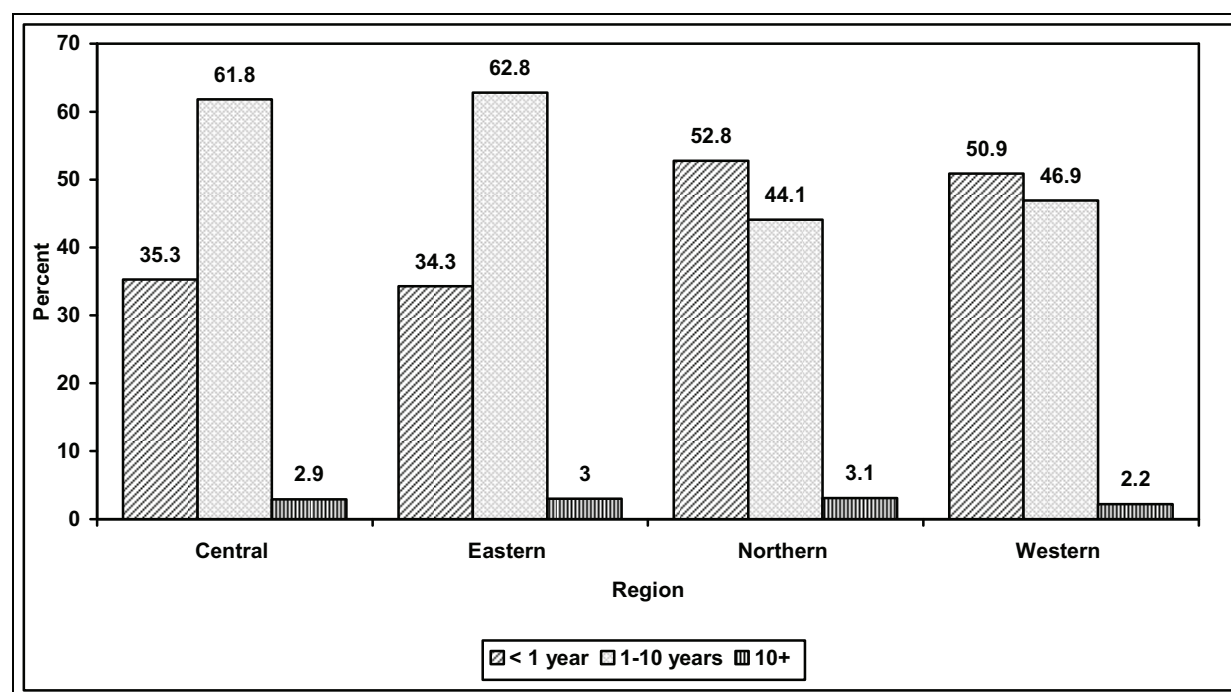
**Table 5.1 (a): Number of Ag HHs that reported having used Hoes and Hoes used by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Hoes	percent Ag HHs that reported use of Hoes	Number of Hoes used	Mean Number of Hoes per Ag HH
Central	715,486	679,747	95.0	2,418,319	4
Eastern	1,069,885	1,036,921	96.9	3,694,375	4
Northern	755,701	709,324	93.9	2,280,800	3
Western	1,033,992	1,000,212	96.7	3,274,803	3
<b>Uganda</b>	<b>3,575,064</b>	<b>3,426,204</b>	<b>95.8</b>	<b>11,668,297</b>	<b>3</b>

**Table 5.1 (b): Percentage Distribution of Ag HHs that reported having bought Hoes by period and Region.**

Region	Ag HHs that reported having bought Hoes	% of Ag HHs that reported having bought Hoes during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	653,995	35.3	61.8	2.9	100
Eastern	1,004,120	34.3	62.8	3	100
Northern	686,691	52.8	44.1	3.1	100
Western	973,117	50.9	46.9	2.2	100
<b>Uganda</b>	<b>3,317,921</b>	<b>43.2</b>	<b>54.1</b>	<b>2.7</b>	<b>100</b>

**Figure 5.1: Percentage Distribution of Ag HHs that reported having bought Hoes by period and Region.**



**ii). Axes:**

Out of the estimated 3.6 million that responded, Ag HHs, 2,538,000 (71.0 %) Ag HHs reported using Axes. Overall, over 67 percent of the the Ag HHs in each of the regions reported having used Axes.

The national mean which is the number of Axes per Ag HH was estimated to be one (1). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) Axe.

Out of the 3.6 million Ag HHs that responded, 2.3 million (65.3 %) reported having bought Axes. Analysis within region revealed that the Northern Region had the highest percentage (32 %) of its Ag HHs that reported having bought Axes during the period < 1 year ago followed by the Western Region with 21.1 percent while the Central Region had the least (16.7 %). During the period 1-10 years ago, the Central Region had the highest percentage (72.9 %) of its Ag HHs that reported having bought Axes followed by the Eastern Region with 71.2 percent while the Northern Region had the least (61.4 %)

The districts of Amuria (90.2 %), Kitgum (92.2 %) and Bududa (91.5 %) had the highest proportion of their Ag HHS reporting use of Axes. On the other hand, Kampala district with 21.1.percent reported the least proportion of the Ag HHs that used axes.

The details are provided in Table(s) 5.2(a) and 5.2 (b) as well as Figure 5.2. The details of the districts are provided in Annex 5.2

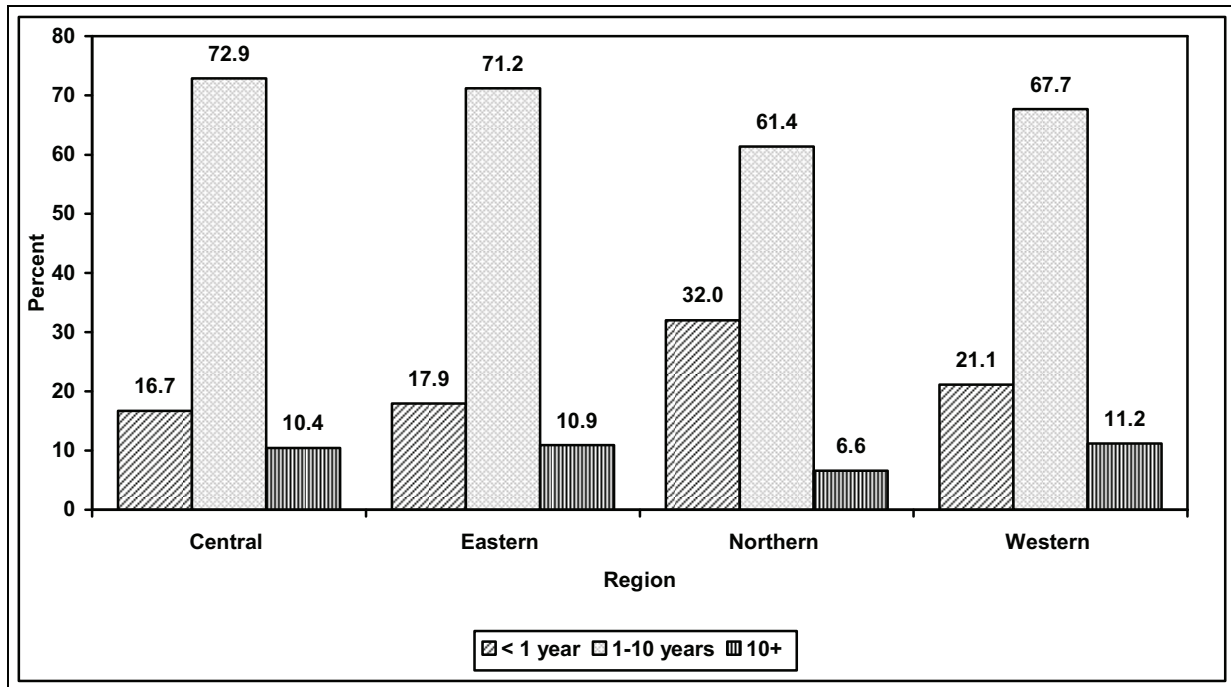
**Table 5.2 (a): Number of Ag HHs that reported having used Axes and Axes used by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Axes	Ag HHs that reported use of Axes	Number of Axes used	Mean Number of Axes per Ag HH
Central	715,486	507,930	71.0	577,436	1
Eastern	1,069,885	756,159	70.7	810,597	1
Northern	755,701	570,743	75.5	714,966	1
Western	1,033,992	703,355	68.0	798,011	1
<b>Uganda</b>	<b>3,575,064</b>	<b>2,538,188</b>	<b>71.0</b>	<b>2,901,010</b>	<b>1</b>

**Table 5.2 (b): Percentage Distribution of Ag HHs that reported having bought Axes by period and Region.**

Region	Ag HHs that reported having bought Axes	% of Ag HHs that reported having bought Axes during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	457,561	16.7	72.9	10.4	100
Eastern	678,868	17.9	71.2	10.9	100
Northern	543,306	32.0	61.4	6.6	100
Western	656,153	21.1	67.7	11.2	100
<b>Uganda</b>	<b>2,335,887</b>	<b>21.8</b>	<b>68.3</b>	<b>9.9</b>	<b>100</b>

**Figure 5.2: Percentage Distribution of Ag HHs that reported having bought Axes by period and Region.**



**iii). Slashers:**

Out of estimated 3.6 million Ag HHs that responded, 1.3 million Ag HHs (36.5 %) reported use of Slashers.

The national mean which is the number of Slashers per Ag HH was estimated to be one (1). ). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) Slasher.

Out of the 3.6 million Ag HHs that responded, 1.2 million (33.1 %) reported having bought Slashers. Analysis within region revealed that the Northern Region had the highest percentage (38.1 %) of its Ag HHs that reported having bought Slashers during the period < 1 year ago followed by the Western Region with 36.2 percent while the Eastern Region had the least (32.0 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (65.5 %) of its Ag HHs that reported having bought Slashers followed by the Central Region with 62.8 percent while the Northern Region had the least (57.2 %).

The districts of Busia (82.0 %) and Masindi (70.9 %) had the highest proportion of their Ag HHs reporting use of slashers. Isingiro and Kotido, reported the least proportion of Ag HHs (i.e. 7.4 percent, and 6.6 percent respectively) using slashers.

The details are provided in Table(s) 5.3(a) and 5.3 (b) Figure 5.3, as well as Annex 5.3.

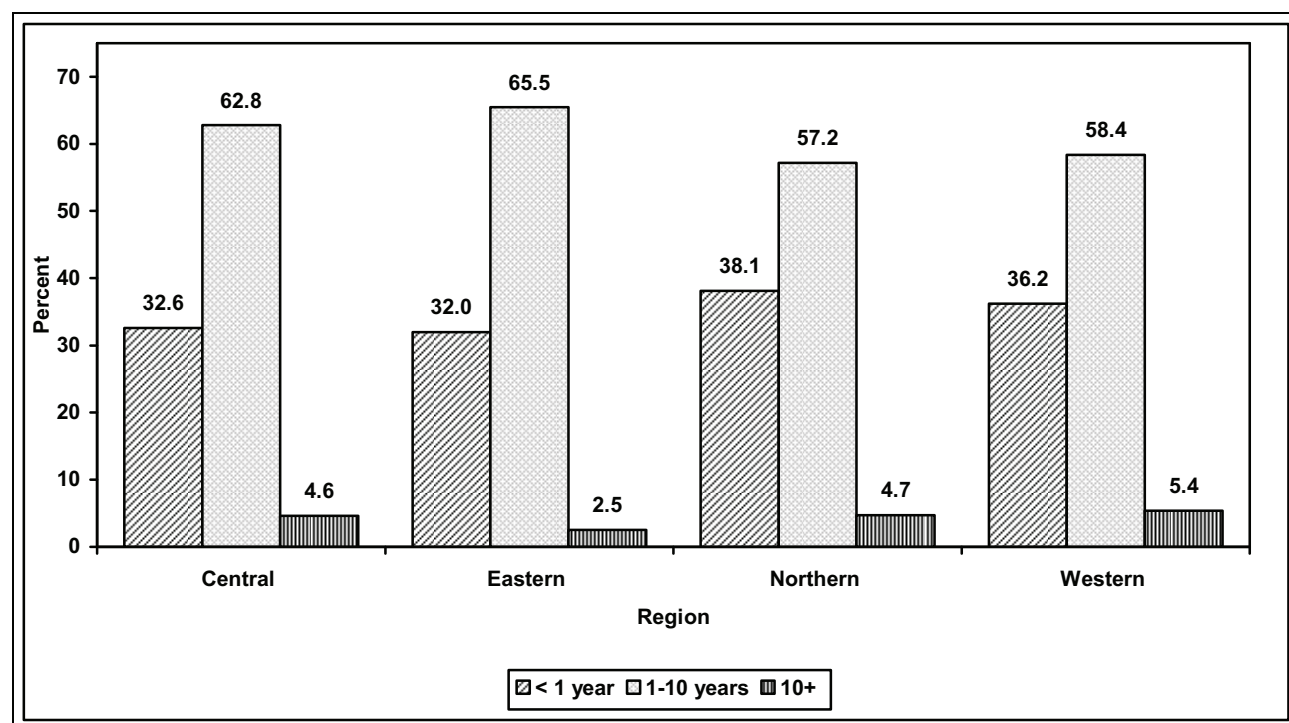
**Table 5.3 (a): Number of Ag HHs that reported having used Slashers and Slashers used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Slashers	% Ag HHs that reported use of Slashers	Number of Slashers used	Mean Number of Slashers per Ag HH
Central	715,486	283,025	39.6	384,069	1
Eastern	1,069,885	406,513	38.0	500,008	1
Northern	755,701	276,727	36.6	352,129	1
Western	1,033,992	339,775	32.9	452,141	1
<b>Uganda</b>	<b>3,575,064</b>	<b>1,306,039</b>	<b>36.5</b>	<b>1,688,347</b>	<b>1</b>

**Table 5.3 (b): Percentage Distribution of Ag HHs that reported having bought Slashers by period and Region.**

Region	Ag HHs that reported having bought Slashers	% of Ag HHs that reported having bought Slashers during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	250,815	32.6	62.8	4.6	100
Eastern	356,377	32.0	65.5	2.5	100
Northern	258,536	38.1	57.2	4.7	100
Western	317,277	36.2	58.4	5.4	100
<b>Uganda</b>	<b>1,183,006</b>	<b>34.6</b>	<b>61.2</b>	<b>4.2</b>	<b>100</b>

**Figure 5.3: Percentage Distribution of Ag HHs that reported having bought Slashers by period and Region.**



**iv). Pangas:**

The total number of Ag HHs that reported use of pangas was estimated to be 3,056,000. This was about 85.5 percent of all estimated 3.6 million Ag HHs that responded.

The national mean which is the number of Pangas per Ag HH was estimated to be one (1). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) Panga.

Out of the 3.6 million Ag HHs that responded, 2.8 million (78.9 %) reported having bought Pangas. Analysis within region results revealed that the Western Region had the highest percentage (43.0 %) of its Ag HHs that reported having bought Pangas during the period < 1 year ago followed by the Northern Region with 38.1 percent while the Central Region had the least (29.1 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (67.3 %) of its Ag HHs that reported having bought Pangas followed by the Central Region with 66.9 percent while the Western Region had the least (53.8 %).

The districts of Rukungiri (98.1 %), followed by Kanungu (96.8 %), and Sironko (96.3 %) had the highest proportions of their Ag HHs reporting use of pangas. On the other hand, Kampala and Kotido districts with 46.6 percent and 38.9 percent respectively reported the least proportions of the Ag HHs that used pangas.

While the details on regions are provided in Table(s) 5.4 (a) and 5.4 (b) as well as Figure 5.4, those of the districts are provided in Annex 5.4

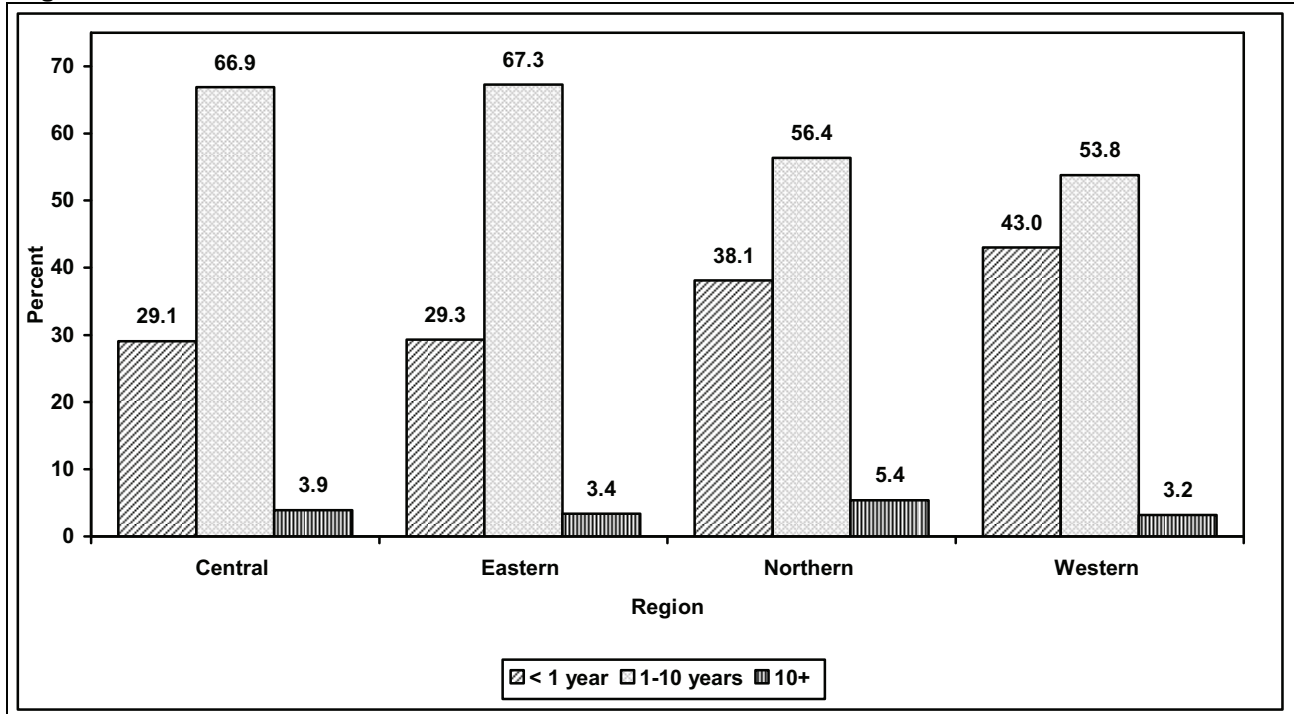
**Table 5.4 (a): Number of Ag HHs that reported having used Pangas and Pangas used by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Pangas	% Ag HHs that reported use of Pangas	Number of Pangas used	Mean Number of Pangas per Ag HH
Central	715,486	628,023	87.8	837,641	1
Eastern	1,069,885	903,869	84.5	1,103,127	1
Northern	755,701	573,012	75.8	732,765	1
Western	1,033,992	951,060	92.0	1,371,831	1
<b>Uganda</b>	<b>3,575,064</b>	<b>3,055,963</b>	<b>85.5</b>	<b>4,045,365</b>	<b>1</b>

**Table 5.4 (b): Percentage Distribution of Ag HHs that reported having bought Pangas by period and Region.**

Region	Ag HHs that reported having bought Pangas	% of Ag HHs that reported having bought Pangas during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	575,298	29.1	66.9	3.9	100
Eastern	812,147	29.3	67.3	3.4	100
Northern	536,597	38.1	56.4	5.4	100
Western	897,849	43.0	53.8	3.2	100
<b>Uganda</b>	<b>2,821,893</b>	<b>35.3</b>	<b>60.9</b>	<b>3.8</b>	<b>100</b>

**Figure 5.4: Percentage Distribution of Ag HHs that reported having bought Pangas by period and Region.**



**v). Watering Cans:**

Out of the estimated 3.6 million Ag HHs, that responded, 223,000 (6.2 %) reported the use of watering cans.

The national mean which is the number of watering cans per Ag HH was estimated to be one (1). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) Watering can.

Out of the 3.6 million Ag HHs that responded, 195,000 (5.4 %) reported having bought Watering Cans. Analysis within region revealed that the Western Region had the highest percentage (46.0 %) of its Ag HHs that reported having bought watering cans during the period < 1 year ago followed by the Central Region with 41.6 percent while the Eastern Region had the least (35.6 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (62.6 %) of its Ag HHs that reported having bought watering cans followed by the Northern Region with 59.3 percent while the Western Region had the least (50.9 %).

Hoima district had the highest proportion (31.1 %); of the Ag HHs that reported use of Watering Cans. Dokolo and Kiruhura districts (with 0.6 percent and 0.5 percent respectively) reported the lowest proportion.

The details are provided in Table(s) 5.5(a) and 5.5 (b) Figure 5.5, as well as Annex 5.5

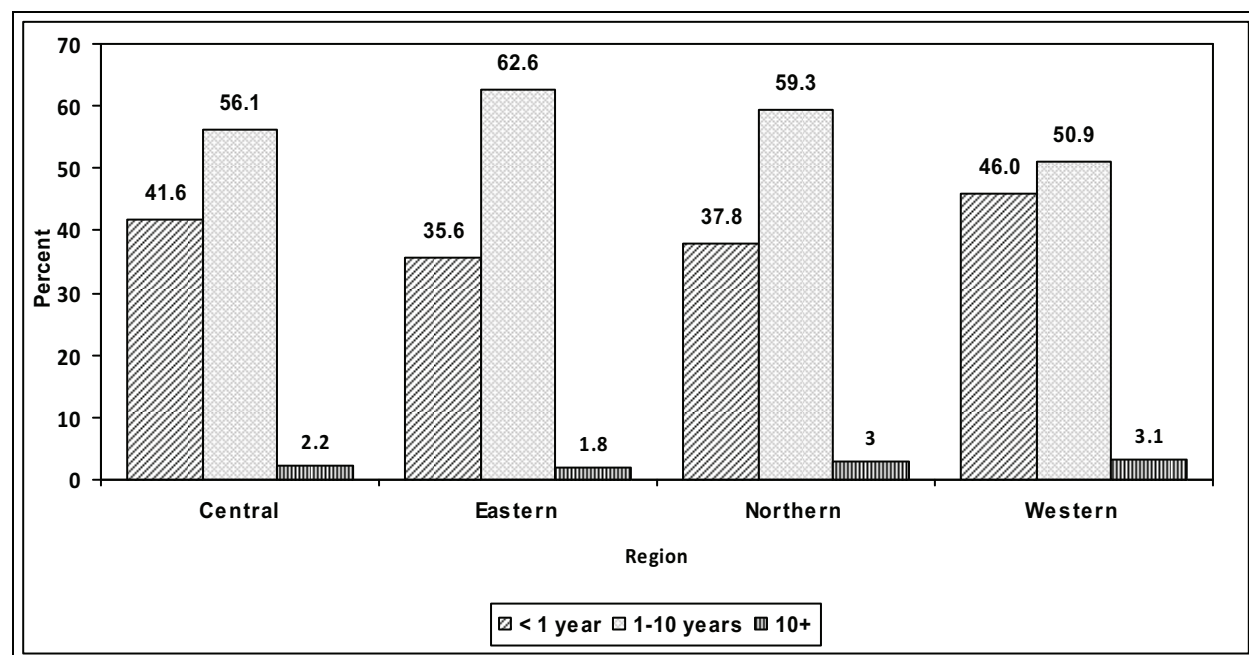
**Table 5.5 (a): Number of Ag HHs that reported having used Watering Cans and Watering Cans used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Watering Cans	% Ag HHs that reported use of Watering Cans	Number of Watering Cans used	Mean Number of Watering Cans per Ag HH
Central	715,486	54,867	7.7	72,446	1
Eastern	1,069,885	44,487	4.2	53,000	1
Northern	755,701	44,946	5.9	59,002	1
Western	1,033,992	78,947	7.6	96,125	1
<b>Uganda</b>	<b>3,575,064</b>	<b>223,248</b>	<b>6.2</b>	<b>280,573</b>	<b>1</b>

**Table 5.5 (b): Percentage Distribution of Ag HHs that reported having bought Watering Cans by period and Region.**

Region	Ag HHs that reported having bought Watering Cans	% of Ag HHs that reported having bought Watering Cans during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	45,541	41.6	56.1	2.2	100
Eastern	37,200	35.6	62.6	1.8	100
Northern	40,320	37.8	59.3	3.0	100
Western	71,555	46.0	50.9	3.1	100
<b>Uganda</b>	<b>194,615</b>	<b>41.3</b>	<b>56.1</b>	<b>2.6</b>	<b>100</b>

**Figure 5.5: Percentage Distribution of Ag HHs that reported having bought Watering Cans by period and Region.**





**vi). Wheelbarrows,**

The total number of Ag HHs that reported use of wheelbarrows was estimated to be 465,000. This was about 13.0 percent of all estimated 3.6 million Ag HHs in Uganda.

The national mean which is the number of Wheel Barrows per Ag HH was estimated to be one (1). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) wheelbarrow.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Wheelbarrows. Analysis within region revealed that the Northern Region had the highest percentage (32.0 %) of its Ag HHs that reported having bought wheelbarrows during the period < 1 year ago followed by the Western Region with 27.7 percent while the Central Region had the least (20.9 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (73.2 %) of its Ag HHs that reported having bought wheelbarrows followed by the Central Region with 71.0 percent while the Northern Region had the least (63.4 %).

The districts of Wakiso (34.5 %) followed by Jinja (32.4 %) highest proportions of their Ag HHs reporting use of wheelbarrows. On the other hand, Kotido and Buliisa districts each with 0.4 percent reported the least proportion.

While the details on regions are provided in Table(s) 5.6(a) and 5.6 (b) as well as Figure 5.6, those of the districts are provided in Annex 5.6

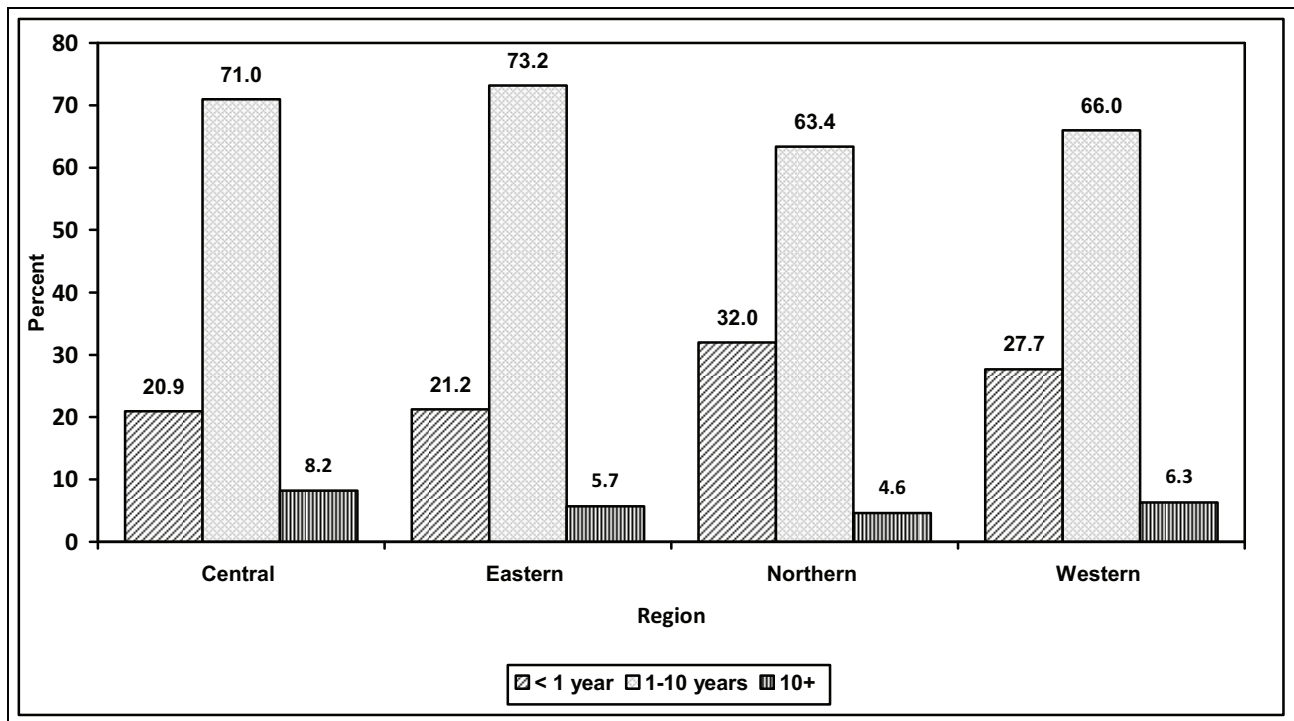
**Table 5.6 (a): Number of Ag HHs that reported having used Wheelbarrows and Wheelbarrows used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Wheelbarrows	% Ag HHs that reported use of Wheelbarrows	Number of Wheelbarrows used	Mean Number of Wheelbarrows per Ag HH
Central	715,486	131,350	18.4	168,133	1
Eastern	1,069,885	147,144	13.8	160,082	1
Northern	755,701	67,311	8.9	79,795	1
Western	1,033,992	119,067	11.5	153,951	1
<b>Uganda</b>	<b>3,575,064</b>	<b>464,872</b>	<b>13.0</b>	<b>561,615</b>	<b>1</b>

**Table 5.6 (b): Percentage Distribution of Ag HHs that reported having bought Wheelbarrows by period and Region.**

Region	Ag HHs that reported having bought Wheelbarrows	% of Ag HHs that reported having bought Wheelbarrows during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	95,848	20.9	71.0	8.2	100
Eastern	93,055	21.2	73.2	5.7	100
Northern	54,229	32.0	63.4	4.6	100
Western	97,751	27.7	66.0	6.3	100
<b>Uganda</b>	<b>340,883</b>	<b>24.7</b>	<b>69.0</b>	<b>6.4</b>	<b>100</b>

**Figure 5.6: Percentage Distribution of Ag HHs that reported having bought Wheelbarrows by period and Region.**



**vii). Pruning Knives,**

Out of the estimated 3.6 million Ag HHs that responded, 332,000 Ag HHs (9.3 %) reported use of pruning knives.

The national mean which is the number of Pruning Knives per Ag HH was estimated to be one (1). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) Pruning Knife.

Out of the 3.6 million Ag HHs that responded, 298,000 (8.3 %) reported having bought Pruning Knives. Analysis within region analysis revealed that the Northern Region had the highest percentage (39.8 %) of its Ag HHs that reported having bought Pruning Knives during the period < 1 year ago followed by the Central Region with 36.6 percent while the Western Region had the least (24.0 %). During the period 1-10 years ago, the Western Region had the highest percentage (65.7 %) of its Ag HHs that reported having bought Pruning Knives followed by the Eastern Region with 64.7 percent while the Northern Region had the least (53.7 %).

Rakai district reported the highest proportion (45.5 %) of the Ag HHs that stated use of Pruning Knives. Eleven (11) districts namely: Nakasongola, Butaleja, Moroto, Moyo, Nakapiripirit, Pader,, Yumbe, Abim, Kaabong, Nyadri and Buliisa did not report use of pruning knives.

The details are provided in Table(s) 5.7(a) and 5.7 (b) Figure 5.7, as well as Annex 5.7

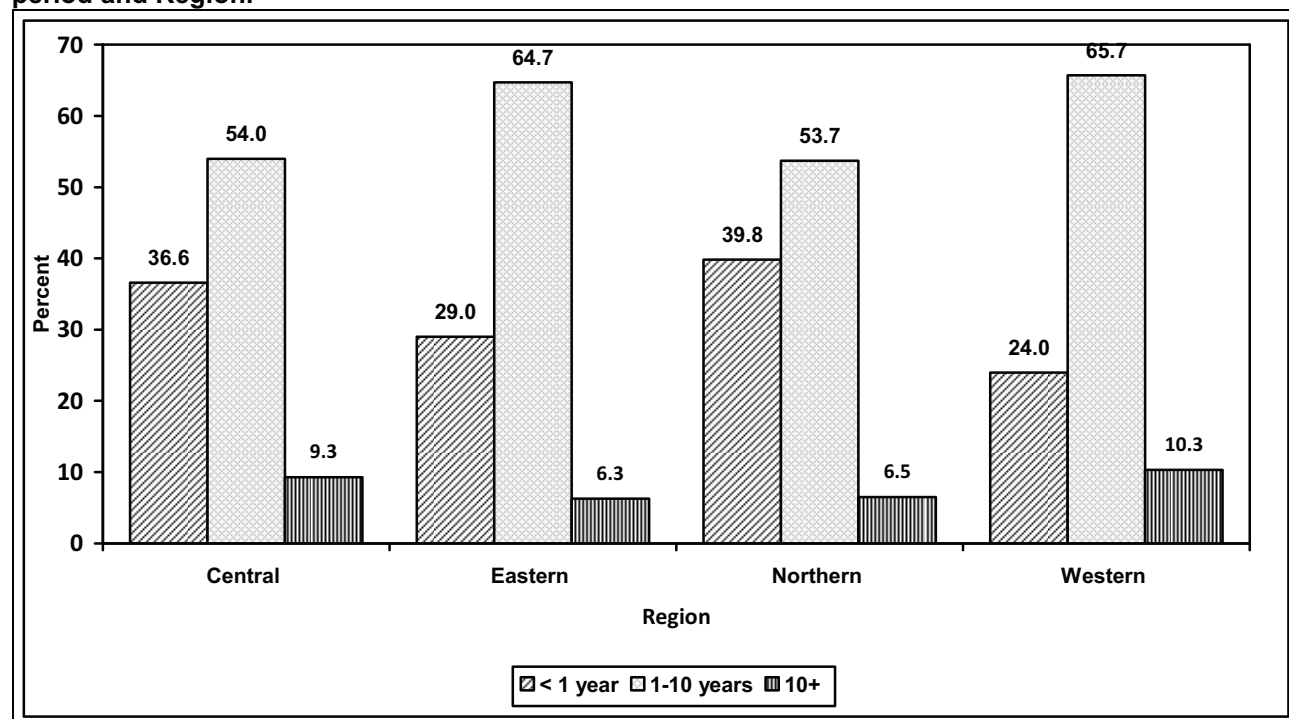
**Table 5.7 (a): Number of Ag HHs that reported having used Pruning Knives and Pruning Knives used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Pruning Knives	% Ag HHs that reported use of Pruning Knives	Number of Pruning Knives used	Mean Number of Pruning Knives per Ag HH
Central	715,486	105,056	14.7	150,013	1
Eastern	1,069,885	48,155	4.5	75,183	2
Northern	755,701	11,186	1.5	15,717	1
Western	1,033,992	168,066	16.3	215,961	1
<b>Uganda</b>	<b>3,575,064</b>	<b>332,463</b>	<b>9.3</b>	<b>456,874</b>	<b>1</b>

**Table 5.7 (b): Percentage Distribution of Ag HHs that reported having bought Pruning Knives by period and Region.**

Region	Ag HHs that reported having bought Pruning Knives	% of Ag HHs that reported having bought Pruning Knives during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	92,982	36.6	54.0	9.3	100
Eastern	44,120	29.0	64.7	6.3	100
Northern	9,599	39.8	53.7	6.5	100
Western	151,620	24.0	65.7	10.3	100
<b>Uganda</b>	<b>298,320</b>	<b>29.2</b>	<b>61.5</b>	<b>9.3</b>	<b>100</b>

**Figure 5.7: Percentage Distribution of Ag HHs that reported having bought Pruning Knives by period and Region.**



**viii). Pruning Saws**

The total number of Ag HHs that reported use of Pruning Saws was estimated to be 51,000. This was about 1.4 percent of all estimated 3.6 million Ag HHs in Uganda.

The national mean which is the number of Pruning Saws per Ag HH was estimated to be one (1). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) Pruning Saw.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Pruning Saws. Analysis within region revealed that the Western Region had the highest percentage (46.6 %) of its Ag HHs that reported having bought Pruning Saws during the period < 1 year ago followed by the Northern Region with 40.9 percent while the Eastern Region had the least (18.8 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (75.2 %) of its Ag HHs that reported having bought Pruning Saws followed by the Central Region with 73.7 percent while the Western Region had the least (51.2 %).

Hoima district reported the highest proportion (9.6 %) of its Ag HHs reporting use of pruning saws; it was followed by Lyantonde district with 6.7 percent. Out of 80 districts, 35 districts (43.8 %) did not report use of Pruning Saws.

While the details on regions are provided in Table(s) 5.08(a) and 5.8 (b) as well as Figure 5.8, those of the districts are provided in Annex 5.8

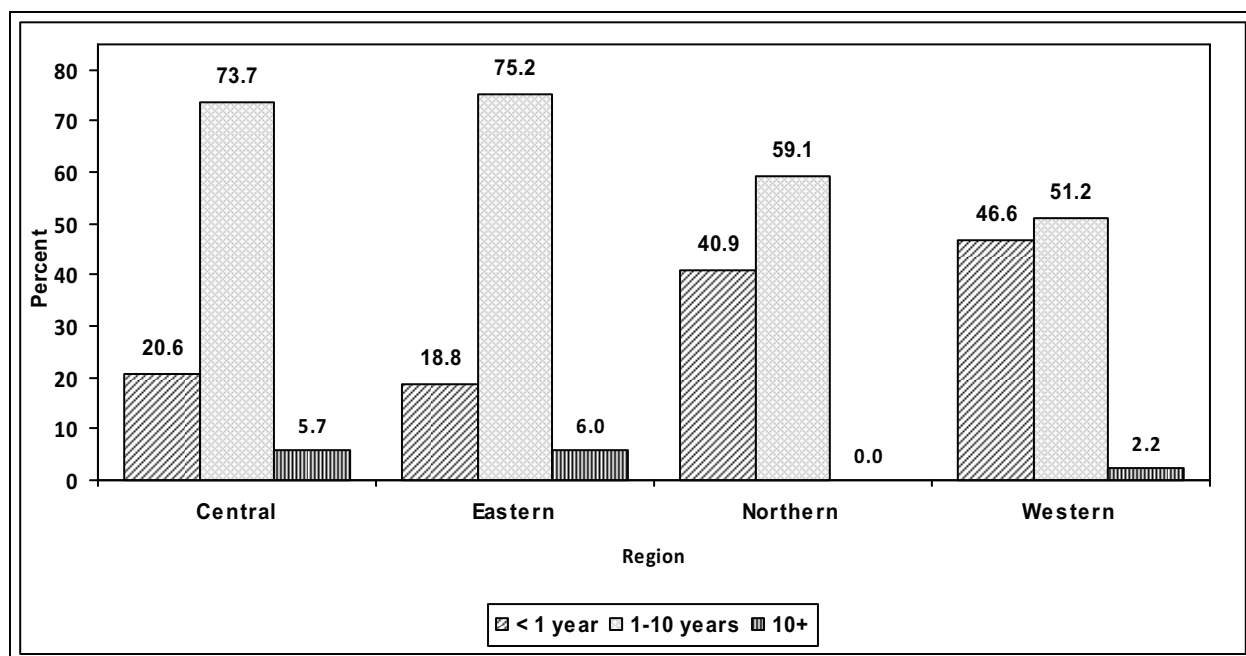
**Table 5.8 (a): Number of Ag HHs that reported having used Pruning Saws and Pruning Saws used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Pruning Saws	% Ag HHs that reported use of Pruning Saws	Number of Pruning Saws used	Mean Number of Pruning Saws per Ag HH
Central	715,486	11,978	1.7	13,935	1
Eastern	1,069,885	8,270	0.8	9,664	1
Northern	755,701	5,917	0.8	8,090	1
Western	1,033,992	25,022	2.4	30,530	1
<b>Uganda</b>	<b>3,575,064</b>	<b>51,187</b>	<b>1.4</b>	<b>62,220</b>	<b>1</b>

**Table 5.8 (b): Percentage Distribution of Ag HHs that reported having bought Pruning Saws by period and Region.**

Region	Ag HHs that reported having bought Pruning Saws	% of Ag HHs that reported having bought Pruning Saws during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	9,901	20.6	73.7	5.7	100
Eastern	7,094	18.8	75.2	6.0	100
Northern	3,894	40.9	59.1	0.0	100
Western	22,592	46.6	51.2	2.2	100
<b>Uganda</b>	<b>43,482</b>	<b>35.6</b>	<b>61.0</b>	<b>3.4</b>	<b>100</b>

**Figure 5.8 Percentage Distribution of Ag HHs that reported having bought Pruning Saws by period and Region.**



**ix). Chain/Hand Saws**

Out of 3.6 million Ag HHs estimated, 15,000 Ag HHs (0.4 %) reported use of chain/hand saws.

The national mean which is the number of chain/hand saws per Ag HH was estimated to be one (1). Each of the Central, Eastern, Northern and Western Regions all had a mean of one (1) chain/hand saw.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Chain/Hand Saws. Analysis within region revealed that the Central Region had the highest percentage (89.3 %) of its Ag HHs that reported having bought chain/hand saws during the period < 1 year ago followed by the Eastern Region with 33.8 percent while the Western Region had the least (15.4 %). During the period 1-10 years ago, the Northern Region had the highest percentage (83.3 %) of its Ag HHs that reported having bought chain/hand saws followed by the Western Region with 74.1 percent while the Eastern Region had the least (59.3 %).

The results showed Wakiso district (4.0 %) and Gulu district (3.5 %) had the highest proportion of Ag HHs that reported use of Chain/hand saw. Out of 80 districts 49 (61.3 %) did not report use of Chain/hand saws.

The details are provided in Table(s) 5.9(a) and 5.9 (b) Figure 5.9 as well as Annex 5.9

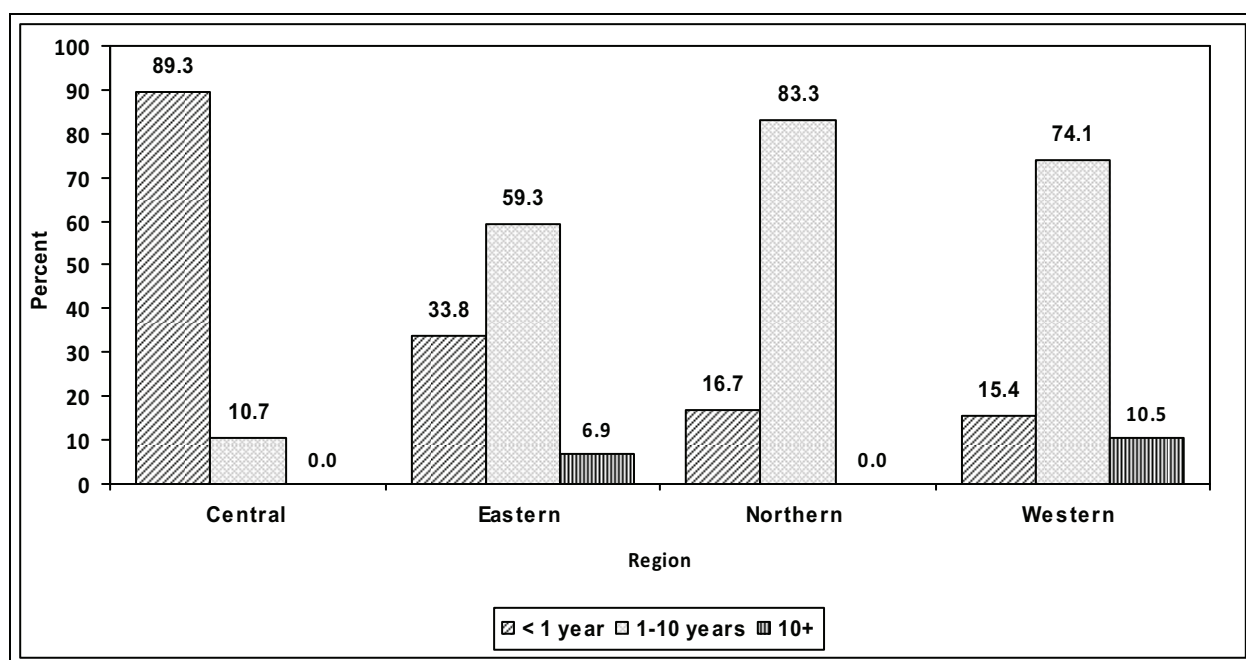
**Table 5.9 (a): Number of Ag HHs that reported having used Chain/Hand Saws and Chain/Hand Saws used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Chain/Hand Saws	% Ag HHs that reported use of Chain/Hand Saws	Number of Chain/Hand Saws used	Mean Number of Chain/Hand Saws per Ag HH
Central	715,486	3,597	0.5	3,597	1
Eastern	1,069,885	5,262	0.5	6,737	1
Northern	755,701	2,736	0.4	3,586	1
Western	1,033,992	3,771	0.4	4,702	1
<b>Uganda</b>	<b>3,575,064</b>	<b>15,366</b>	<b>0.4</b>	<b>18,622</b>	<b>1</b>

**Table 5.9 (b): Percentage Distribution of Ag HHs that reported having bought Chain/Hand Saws by period and Region.**

Region	Ag HHs that reported having bought Chain/Hand Saws	% of Ag HHs that reported having bought Chain/Hand Saws during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	3,453	89.3	10.7	0.0	100
Eastern	4,332	33.8	59.3	6.9	100
Northern	2,300	16.7	83.3	0.0	100
Western	3,438	15.4	74.1	10.5	100
<b>Uganda</b>	<b>13,524</b>	<b>40.4</b>	<b>54.7</b>	<b>4.9</b>	<b>100</b>

**Figure 5.9: Percentage Distribution of Ag HHs that reported having bought Chain/Hand Saws by period and Region.**



**x). Shellers:**

The total number of Ag HHs that reported use of shellers was estimated to be 15,000. This was about 0.4 percent of all estimated 3.6 million Ag HHs in Uganda.

The national mean, which is the number of Shellers per Ag HH, was estimated to be one (1). Each of the regions had the mean of one (1) Sheller.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Shellers. Analysis within region revealed that the Northern Region had the highest percentage (66.9 %) of its Ag HHs that reported having bought Shellers during the period < 1 year ago followed by the Central Region with 47.0 percent while the Eastern Region had the least (4.0 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (90.8 %) of its Ag HHs that reported having bought Shellers followed by the Western Region with 64.4 percent while the Northern Region had the least (33.1 %).

The districts of Jinja (3.1 %), followed by Bukwo (2.8 %) had the highest proportion of their Ag HHs reporting use of shellers. Out of 80 districts, 56 districts (70.0 %) did not report use of shellers.

While the details on regions are provided in Table(s) 5.10(a) and 5.10 (b) as well as Figure 5.10, those of the districts are provided in Annex 5.10.

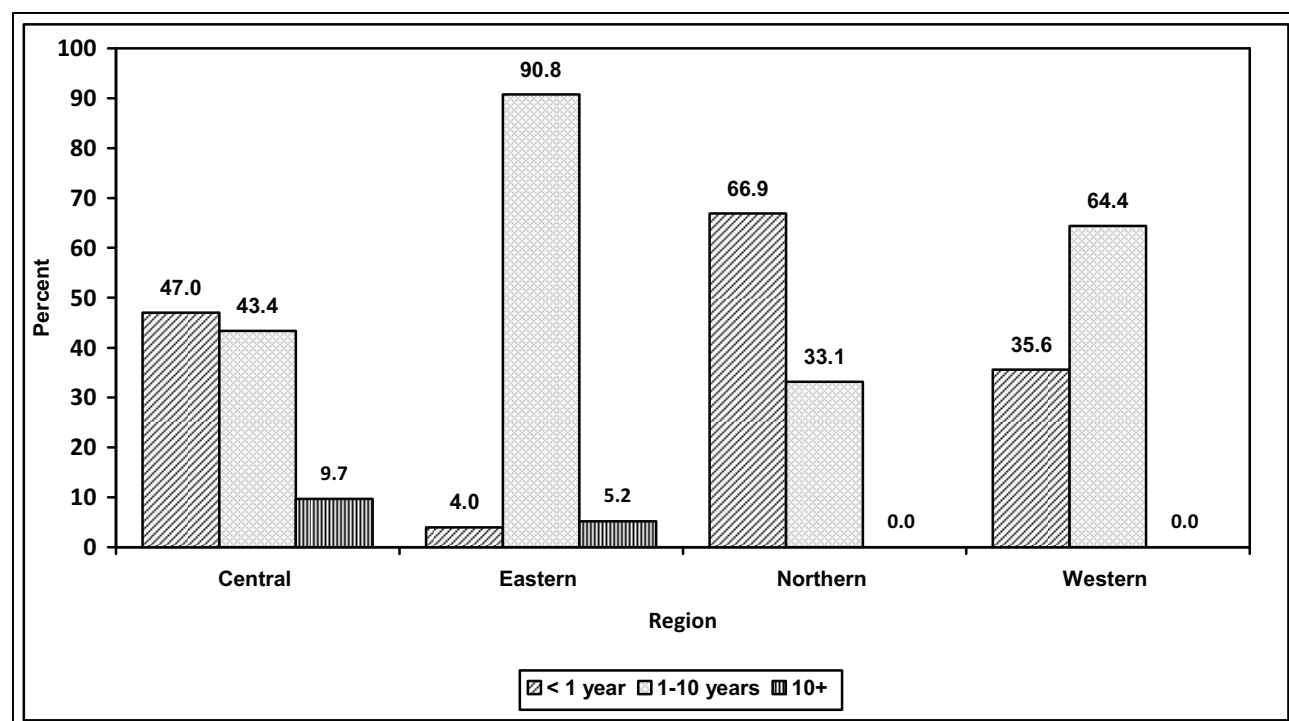
**Table 5.10 (a): Number of Ag HHs that reported having used Shellers and Shellers used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Shellers	% Ag HHs that reported use of Shellers	Number of Shellers used	Mean Number of Shellers per Ag HH
Central	715,486	3,455	0.5	3,505	1
Eastern	1,069,885	4,435	0.4	5,137	1
Northern	755,701	2,335	0.3	3,323	1
Western	1,033,992	4,352	0.4	5,442	1
<b>Uganda</b>	<b>3,575,064</b>	<b>14,578</b>	<b>0.4</b>	<b>17,407</b>	<b>1</b>

**Table 5.10 (b): Percentage Distribution of Ag HHs that reported having bought Shellers by period and Region.**

Region	Ag HHs that reported having bought Shellers	% of Ag HHs that reported having bought Shellers during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	2,070	47.0	43.4	9.7	100
Eastern	1,994	4.0	90.8	5.2	100
Northern	753	66.9	33.1	0.0	100
Western	2,087	35.6	64.4	0.0	100
<b>Uganda</b>	<b>6,904</b>	<b>33.3</b>	<b>62.3</b>	<b>4.4</b>	<b>100</b>

**Figure 5.10 Percentage Distribution of Ag HHs that reported having bought Shellers by period and Region.**



**xi). Spades**

Out of estimated 3.6 million Ag HHs that responded, 561,000 Ag HHs (15.7 %) reported use of spades.

The national mean, which is the number of Spades per Ag HH, was estimated to be one (1). Each of the regions had the mean of one (1) Spade.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Spades. Analysis within region revealed that the Northern Region had the highest percentage (35.4 %) of its Ag HHs that reported having bought Spades during the period < 1 year ago followed by the Western Region with 30.4 percent while the Central Region had the least (24.2 %). During the period 1-10 years ago, the Central Region had the highest percentage (70.5 %) of its Ag HHs that reported having bought Spades followed by the Eastern Region with 70.0 percent while the Northern Region had the least (59.6 %).

The results indicated that Wakiso district (39.5 %) had the highest proportion of Ag HHs that reported use of spades; it was followed by Mbarara and Sembabule districts with 29.7 percent and 29.6 percent respectively. Kabong district (1.4 %) and Kotido district (0.9 %) had the lowest proportion of Ag HHs that reported use of spades.

The details are provided in Table(s) 5.11(a) and 5.11 (b) Figure 5.11 as well as Annex 5.11.

**Table 5.11 (a): Number of Ag HHs that reported having used Spades and Spades used, by Region.**

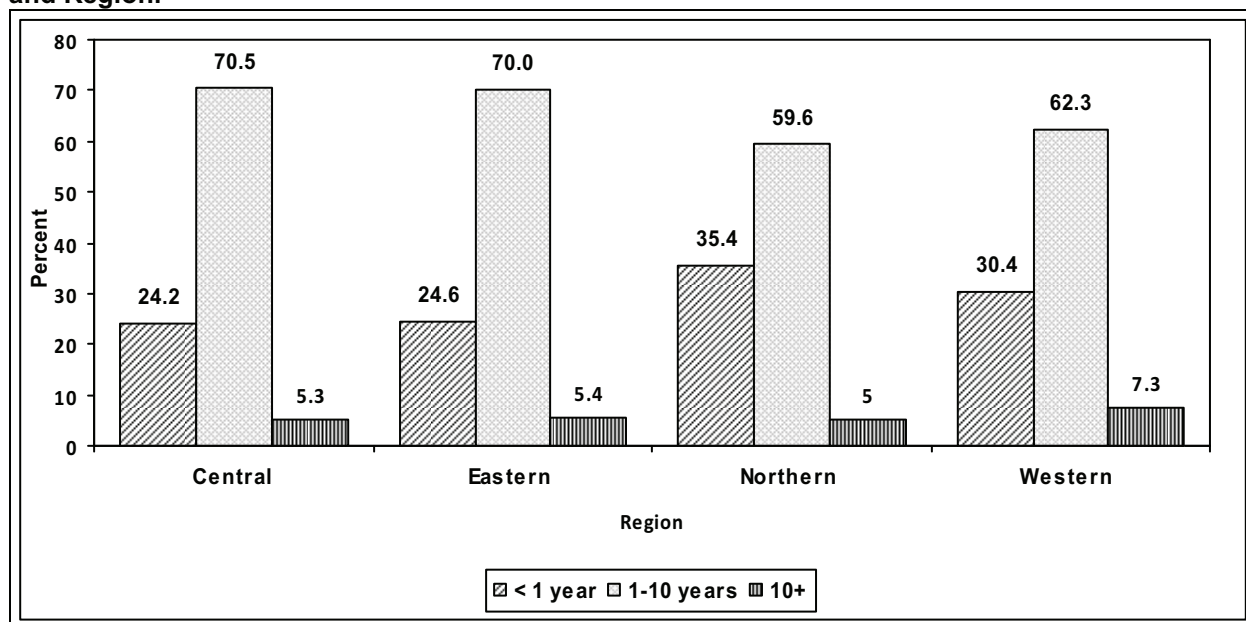
Region	Ag HHs that responded	Ag HHs that reported use of Spades	% Ag HHs that reported use of Spades	Number of Spades used	Mean Number of Spades per Ag HH
Central	715,486	146,726	20.5	180,607	1
Eastern	1,069,885	137,187	12.8	157,303	1
Northern	755,701	64,958	8.6	76,118	1
Western	1,033,992	212,591	20.6	250,972	1
<b>Uganda</b>	<b>3,575,064</b>	<b>561,462</b>	<b>15.7</b>	<b>664,999</b>	<b>1</b>

**Table 5.11 (b): Percentage Distribution of Ag HHs that reported having bought Spades by period and Region.**

Region	Ag HHs that reported having bought Spades	% of Ag HHs that reported having bought Spades during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	126,079	24.2	70.5	5.3	100
Eastern	101,433	24.6	70.0	5.4	100
Northern	54,324	35.4	59.6	5.0	100
Western	180,055	30.4	62.3	7.3	100
<b>Uganda</b>	<b>461,893</b>	<b>28.0</b>	<b>65.9</b>	<b>6.1</b>	<b>100</b>



**Figure 5.11: Percentage Distribution of Ag HHs that reported having bought Spades by period and Region.**



**xii). Fork hoes**

The total number of Ag HHs that reported use of fork hoes was estimated to be 286,000. This was about 8.0 percent of all estimated 3,575,000 Ag HHs in Uganda.

The national mean, which is the number of Fork hoes per Ag HH, was estimated to be one (1). Each of the regions had a mean of one (1).

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Fork Hoes. Analysis within region revealed that the Northern Region had the highest percentage (46.1 %) of its Ag HHs that reported having bought Fork hoes during the period < 1 year ago followed by the Western Region with 33.3 percent while the Eastern Region had the least (16.6 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (73.8 %) of its Ag HHs that reported having bought Fork hoes followed by the Western Region with 60.2 percent while the Northern Region had the least (49.1 %).

The districts of Mbarara (42.5 %), Bushenyi (37.0 %) and Isingiro (29.6 %) had the highest proportions of their Ag HHs reporting use of Ffork Hoes. Thirteen (13) districts namely: Nakasongola, Katakwi, Kumi, Bukedea, Butaleja, Kaliro, Apac, Kotido, Moroto, Nakapiripirit, Pader, Amolatar and Dokolo did not report use of fork hoes.

While the details on regions are provided in Table(s) 5.12(a) and 5.12 (b) as well as Figure 5.12, those of the districts are provided in Annex 5.12.

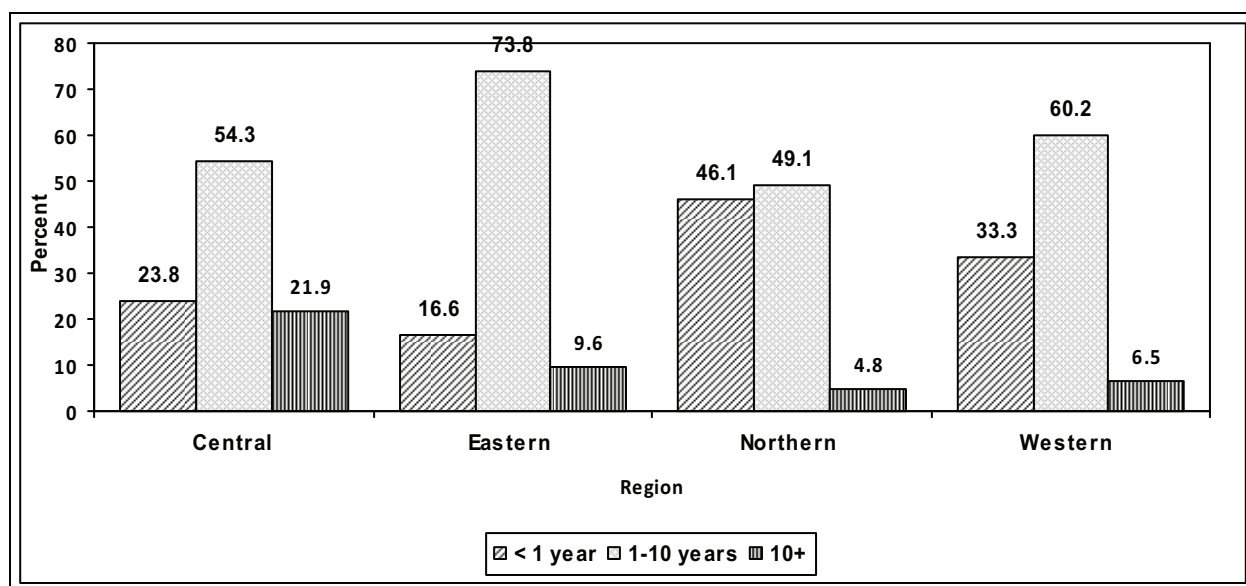
**Table 5.12 (a): Number of Ag HHs that reported having used Fork Hoes and Fork Hoes used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Fork Hoes	% Ag HHs that reported use of Fork Hoes	Number of Fork Hoes used	Mean Number of Fork Hoes per Ag HH
Central	715,486	65,013	9.1	78,524	1
Eastern	1,069,885	23,423	2.2	26,237	1
Northern	755,701	21,744	2.9	26,832	1
Western	1,033,992	176,235	17.0	241,197	1
<b>Uganda</b>	<b>3,575,064</b>	<b>286,415</b>	<b>8.0</b>	<b>372,791</b>	<b>1</b>

**Table 5.12 (b): Percentage Distribution of Ag HHs that reported having bought Fork Hoes by period and Region.**

Region	Ag HHs that reported having bought Fork Hoes	% of Ag HHs that reported having bought Fork Hoes during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	56,772	23.8	54.3	21.9	100
Eastern	20,273	16.6	73.8	9.6	100
Northern	18,157	46.1	49.1	4.8	100
Western	157,435	33.3	60.2	6.5	100
<b>Uganda</b>	<b>252,637</b>	<b>30.7</b>	<b>59.2</b>	<b>10.1</b>	<b>100</b>

**Figure 5.12: Percentage Distribution of Ag HHs that reported having bought Fork Hoes by period and Region.**



### xiii). Tractors

Out of the estimated 3.6 million Ag HHs that responded, 28,000 Ag HHs (0.8 %) reported use of tractors.

The national mean, which is the number of Tractors per Ag HH, was estimated to be one (1). Each of the regions had a mean of one (1).

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Tractors. Analysis within region revealed that the Northern Region had the highest percentage (44.0 %) of its Ag HHs that reported having bought Tractors during the period < 1 year ago followed by the Western Region with 35.5 percent while the Eastern Region had the least (8.5 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (82.9 %) of its Ag HHs that reported having bought Tractors followed by the Central Region with 52.7 percent while the Western Region had the least (26.4 %).

At district level, the results indicated that Masindi district (9.0 %) reported the highest proportion of Ag HHs that reported use of tractors. Wakiso and Kibaale districts each reported 0.3 percent which was the lowest. Out of 80 districts, 53 districts (66.3 %) did not report use of tractors.

The details are provided in Table(s) 5.13(a) and 5.13 (b) Figure 5.13 as well as Annex 5.13.

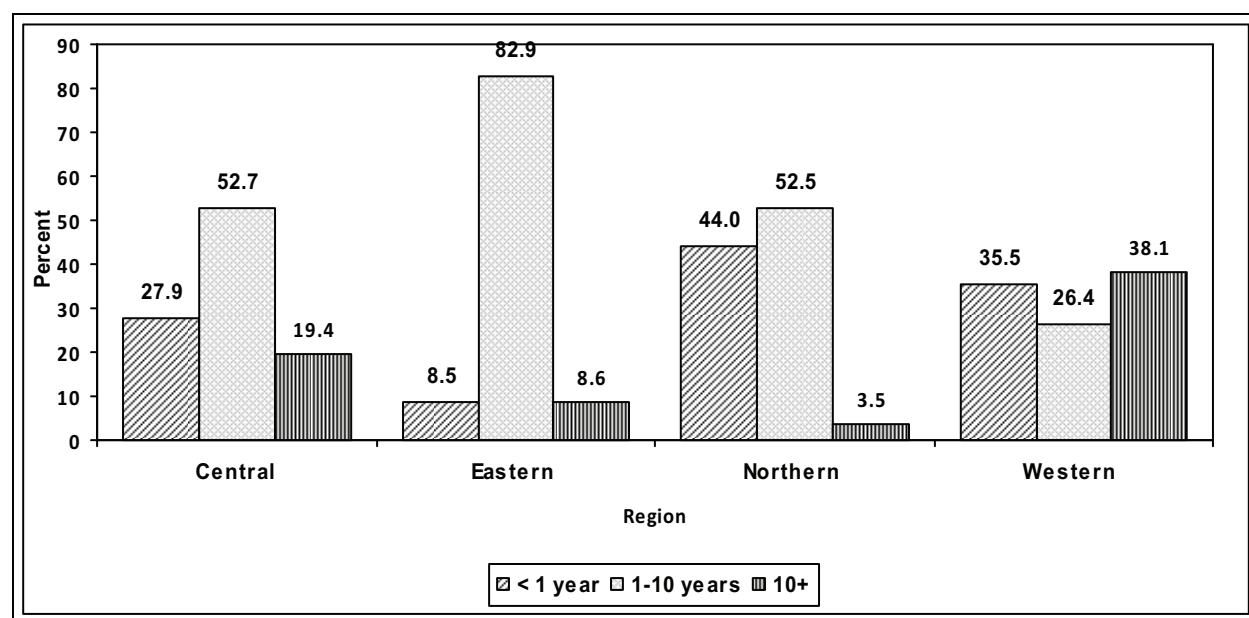
**Table 5.13 (a): Number of Ag HHs that reported having used Tractors and Tractors used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Tractors	% Ag HHs that reported use of Tractors	Number of Tractors used	Mean Number of Tractors per Ag HH
Central	715,486	3,044	0.4	3,094	1
Eastern	1,069,885	10,808	1.0	12,464	1
Northern	755,701	3,155	0.4	3,627	1
Western	1,033,992	10,821	1.0	13,621	1
<b>Uganda</b>	<b>3,575,064</b>	<b>27,828</b>	<b>0.8</b>	<b>32,806</b>	<b>1</b>

**Table 5.13 (b): Percentage Distribution of Ag HHs that reported having bought Tractors by period and Region.**

Region	Ag HHs that reported having bought Tractors	% of Ag HHs that reported having bought Tractors during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	588	27.9	52.7	19.4	100
Eastern	1,919	8.5	82.9	8.6	100
Northern	1,484	44.0	52.5	3.5	100
Western	2,915	35.5	26.4	38.1	100
<b>Uganda</b>	<b>6,906</b>	<b>29.2</b>	<b>49.9</b>	<b>20.9</b>	<b>100</b>

**Figure 5.13: Percentage Distribution of Ag HHs that reported having bought Tractors by period and Region.**



#### xiv). Ploughs

The total number of Ag HHs that reported use of ploughs was estimated to be 67,000. This was about 1.9 percent of the estimated 3.6 million Ag HHs that responded.

The national mean, which is the number of Ploughs per Ag HH, was estimated to be one (1). Northern Region had the highest mean of two (2) Ploughs while the Central, Eastern and Western Regions each had a mean of one (1).

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Ploughs. Analysis within region revealed that the Central Region had the highest percentage (56.9 %) of its Ag HHs that reported having bought Ploughs during the period < 1 year ago followed by the Northern Region with 30.7 percent while the Western Region had the least (0.0 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (64.8 %) of its Ag HHs that reported having bought Ploughs followed by the Northern Region with 57.5 percent while the Central Region had the least (14.5 %).

The districts of Kaabong (20.5 %), followed by Budaka (13.7 %) had the highest proportion of their Ag HHs reporting use of plough. Out of 80 districts, 37 districts (46.3 %) did not report having used ploughs.

While the details on regions are provided in Table(s) 5.14(a) and 5.14 (b) as well as Figure 5.14, those of the districts are provided in Annex 5.14.

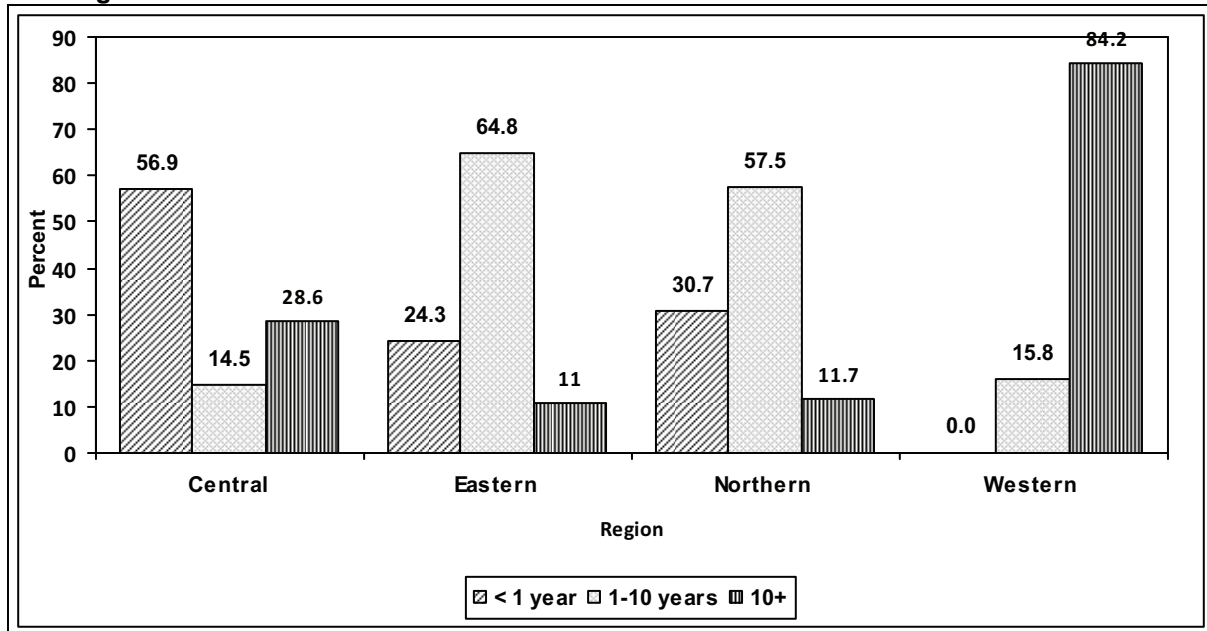
**Table 5.14 (a): Number of Ag HHs that reported having used Ploughs and Ploughs used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Ploughs	% Ag HHs that reported use of Ploughs	Number of Ploughs used	Mean Number of Ploughs per Ag HH
Central	715,486	2,076	0.3	2,343	1
Eastern	1,069,885	37,028	3.5	46,288	1
Northern	755,701	25,094	3.3	40,044	2
Western	1,033,992	2,694	0.3	3,080	1
<b>Uganda</b>	<b>3,575,064</b>	<b>66,891</b>	<b>1.9</b>	<b>91,755</b>	<b>1</b>

**Table 5.14 (b): Percentage Distribution of Ag HHs that reported having bought Ploughs by period and Region.**

Region	Ag HHs that reported having bought Ploughs	% of Ag HHs that reported having bought Ploughs during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	469	56.9	14.5	28.6	100
Eastern	19,042	24.3	64.8	11.0	100
Northern	23,147	30.7	57.5	11.7	100
Western	1,182	0.0	15.8	84.2	100
<b>Uganda</b>	<b>43,842</b>	<b>27.4</b>	<b>59.1</b>	<b>13.5</b>	<b>100</b>

**Figure 5.14: Percentage Distribution of Ag HHs that reported having bought Ploughs by period and Region.**



**xv). Ox-ploughs**

Out of the estimated 3.6 million Ag HHs that responded 409,000 Ag HHs (11.4 %) reported use of ox-ploughs.

The national mean, which is the number of Ox-ploughs per Ag HH, was estimated to be one (1). Central Region had the highest mean of two (2) Ox-ploughs while the Northern, Eastern and Western Regions each had a mean of one (1).

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Ox-Ploughs. Analysis within region revealed that the Western Region had the highest percentage (38.7 %) of its Ag HHs that reported having bought Ox-ploughs during the period < 1 year ago followed by the Central Region with 28.9 percent while the Eastern Region had the least (15.0 %). During the period 1-10 years ago, the Northern Region had the highest percentage ( 68.5 %) of its Ag HHs that reported having bought Ox-ploughs followed by the Central Region with 67.2 percent while the Western Region had the least ( 54.0 %).

At district level, the results indicated that Amuria (63.1 %) reported the highest proportion of the Ag HHs that reported use of Ox-Ploughs. This was followed by Pallisa (57.0 %), Soroti (56.9 %), Kumi (53.9 %) and Katakwi (53.0 %). Out of the 80 districts covered in the 2008/09, 34 districts (42.5 %) did not report use of Ox-Ploughs.

The details are provided in Table(s) 5.15(a) and 5.15 (b) Figure 5.15 as well as Annex 5.15.

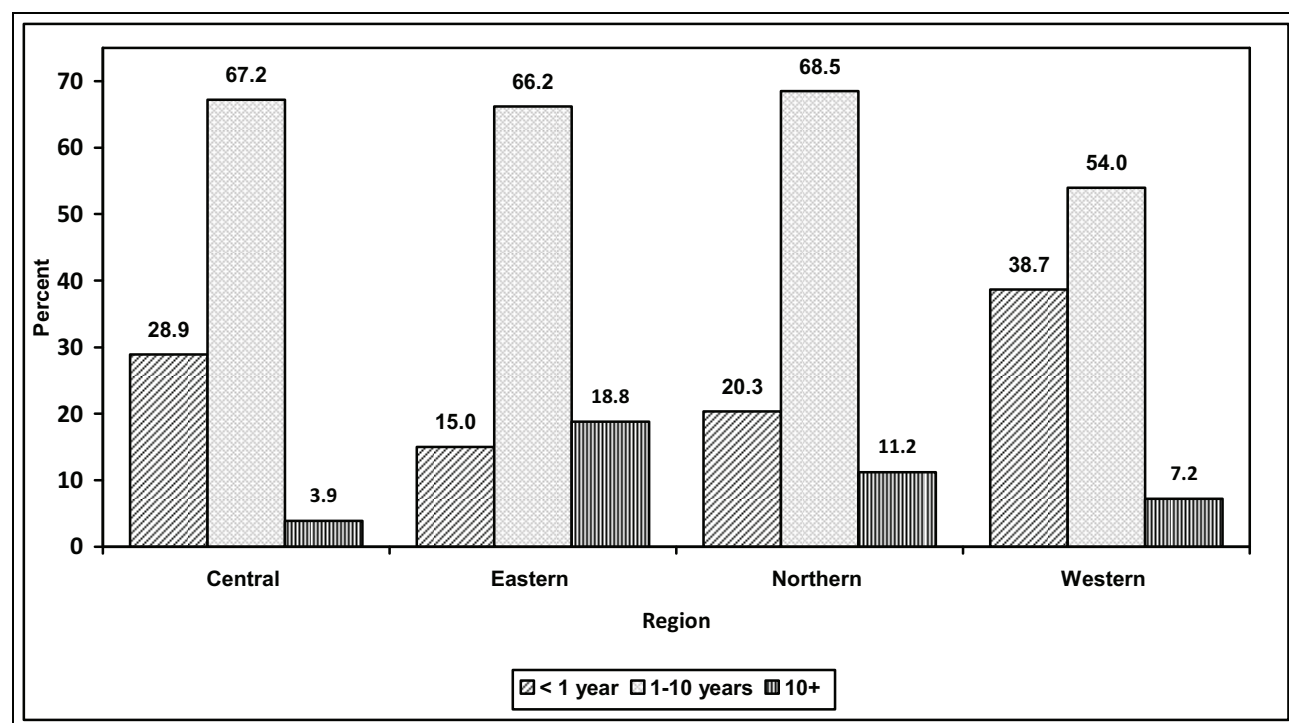
**Table 5.15 (a): Number of Ag HHs that reported having used Ox-Ploughs and Ox-Ploughs used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Ox-Ploughs	% Ag HHs that reported use of Ox-Ploughs	Number of Ox-Ploughs used	Mean Number of Ox-Ploughs per Ag HH
Central	715,486	4,944	0.7	9,210	2
Eastern	1,069,885	272,827	25.5	357,282	1
Northern	755,701	126,645	16.8	177,122	1
Western	1,033,992	4,368	0.4	6,062	1
<b>Uganda</b>	<b>3,575,064</b>	<b>408,783</b>	<b>11.4</b>	<b>549,675</b>	<b>1</b>

**Table 5.15 (b): Percentage Distribution of Ag HHs that reported having bought Ox-Ploughs by period and Region.**

Region	Ag HHs that reported having bought Ox-Ploughs	% of Ag HHs that reported having bought Ox-Ploughs during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	1,725	28.9	67.2	3.9	100
Eastern	156,533	15.0	66.2	18.8	100
Northern	109,511	20.3	68.5	11.2	100
Western	3,355	38.7	54.0	7.2	100
<b>Uganda</b>	<b>271,124</b>	<b>17.5</b>	<b>67.0</b>	<b>15.5</b>	<b>100</b>

**Figure 5.15 Percentage Distribution of Ag HHs that reported having bought Ox-Ploughs by period and Region.**



**xvi). Trailers**

Out of estimated 3.6 Ag HHs that responded nearly 4,000 Ag HHs (0,1 %) reported use of trailers. The national mean, which is the number of Trailers per Ag HH, was estimated to be one (1). Each of the Central, Western and Eastern Regions had the highest mean of one (1) Trailer while the Northern Region had a mean of zero (0.0 %).

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Trailers. Analysis within region revealed that the Western Region had the highest percentage (100.0 %) of its Ag HHs that reported having bought Trailers during the period < 1 year ago followed by the Eastern Region with 9.9 percent while the Central and Northern Regions had the least (0.0 %). During the period 1-10 years ago, the Eastern Region had the highest percentage (59.7 %) of its Ag HHs that reported having bought Trailers while the other regions had the least (0.0 %).

Only nine (9) districts of Sironko, Bukwo, Kaliro, Ntungamo, Namutumba, Amuria, Bukedea, Iganga, and Mukono reported use of trailers. Sironko district (1.9 %), Bukwo district (1.7 %) and Kaliro district 1.5 %) had the highest proportions of their Ag HHs having reported use of Trailers. On the other hand, Mukono district with 0.2percent reported the lowest proportion. The remaining 71 (88.8 %) did not report use of trailers.

The details are provided in Table(s) 5.16(a) and 5.16 (b) Figure 5.16 as well as Annex 5.16.

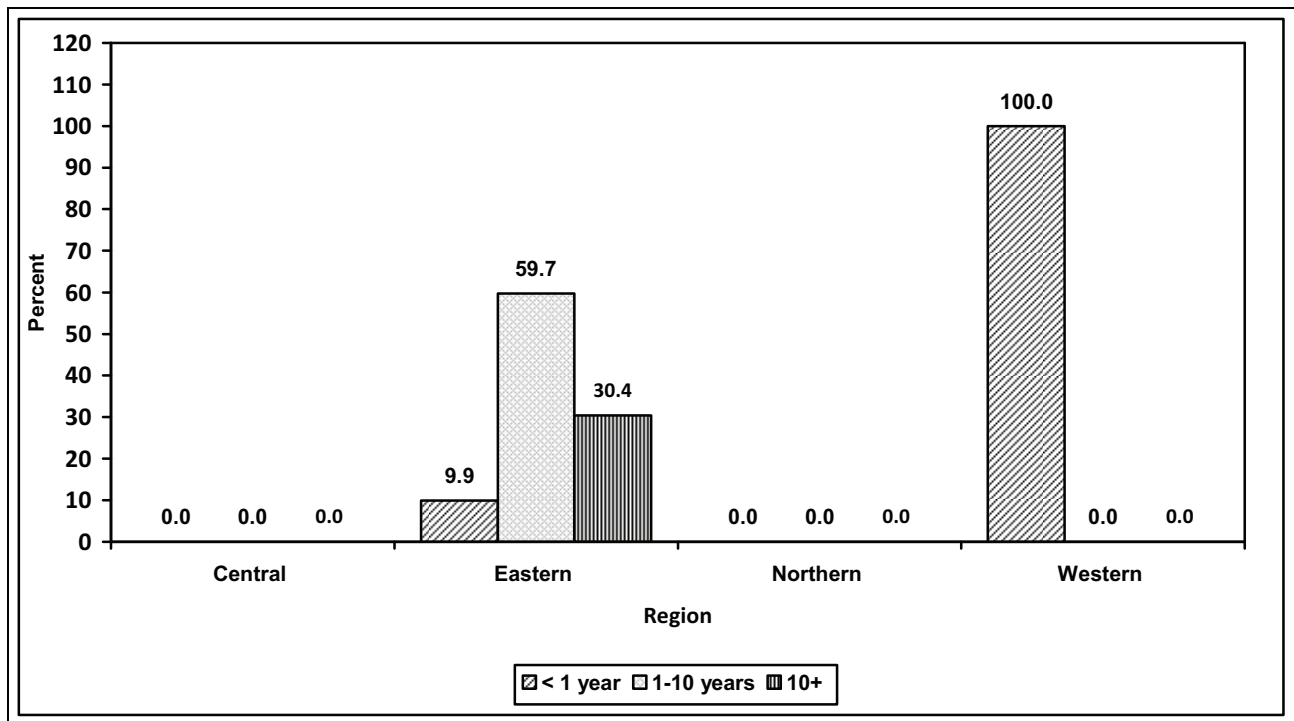
**Table 5.16 (a): Number of Ag HHs that reported having used Trailers and Trailers used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Trailers	% Ag HHs that reported use of Trailers	Number of Trailers used	Mean Number of Trailers per Ag HH
Central	715,486	160	0.0	209	1
Eastern	1,069,885	2,641	0.2	2,563	1
Northern	755,701	0	0.0	0	0
Western	1,033,992	768	0.1	577	1
<b>Uganda</b>	<b>3,575,064</b>	<b>3,569</b>	<b>0.1</b>	<b>3,349</b>	<b>1</b>

**Table 5.16 (b): Percentage Distribution of Ag HHs that reported having bought Trailers by period and Region.**

Region	Ag HHs that reported having bought Trailers	% of Ag HHs that reported having bought Trailers during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	0	0	0	0	100
Eastern	372	9.9	59.7	30.4	100
Northern	0	0	0	0	100
Western	191	100.0	0.0	0.0	100
<b>Uganda</b>	<b>781</b>	<b>40.7</b>	<b>44.8</b>	<b>14.5</b>	<b>100</b>

**Figure 5.16 : Percentage Distribution of Ag HHs that reported having bought Trailers by period and Region.**



**xvii) Harrow/Cultivators**

The total number of Ag HHs that reported use of Harrow/Cultivator was estimated to be 4,000. This was under a percent of all estimated 3,6 million Ag HHs which responded.

The national mean, which is the number of Harrow/Cultivators per Ag HH, was estimated to be two (2). Northern Region had the highest mean of two (2) Harrows/Cultivators while the Central and Western Regions each had a mean of one (1). Eastern Region had no Ag HH that reported the use of Harrow/Cultivators.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Harrow/Cultivator. Analysis within region revealed that the Northern Region had the highest percentage (50.4 %) of its Ag HHs that reported having bought Harrows/Cultivators during the period < 1 year ago while the Western, Eastern and Central Regions had the least (0.0 %). During the period 1-10 years ago, the Central Region had the highest percentage (100 %) of its Ag HHs that reported having bought Harrows followed by the Northern Region with 49.6 percent while the Eastern Region and Western Regions had the least (0.0 %).

With 6.5 percent, Arua district had the highest proportion of their Ag HHs reporting use of Harrow/Cultivator. In terms of proportions, Arua district was followed by Rakai district (0.7 %) and Masindi district (0.4 %). These were the only three districts that reported use of Harrow/cultivator leaving out 77 districts (96.3 %).

While the data/information on regions is provided in Table(s) 5.17(a) and 5.17 (b) as well as Figure 5.17, the districts figures are provided in Annex 5.17.



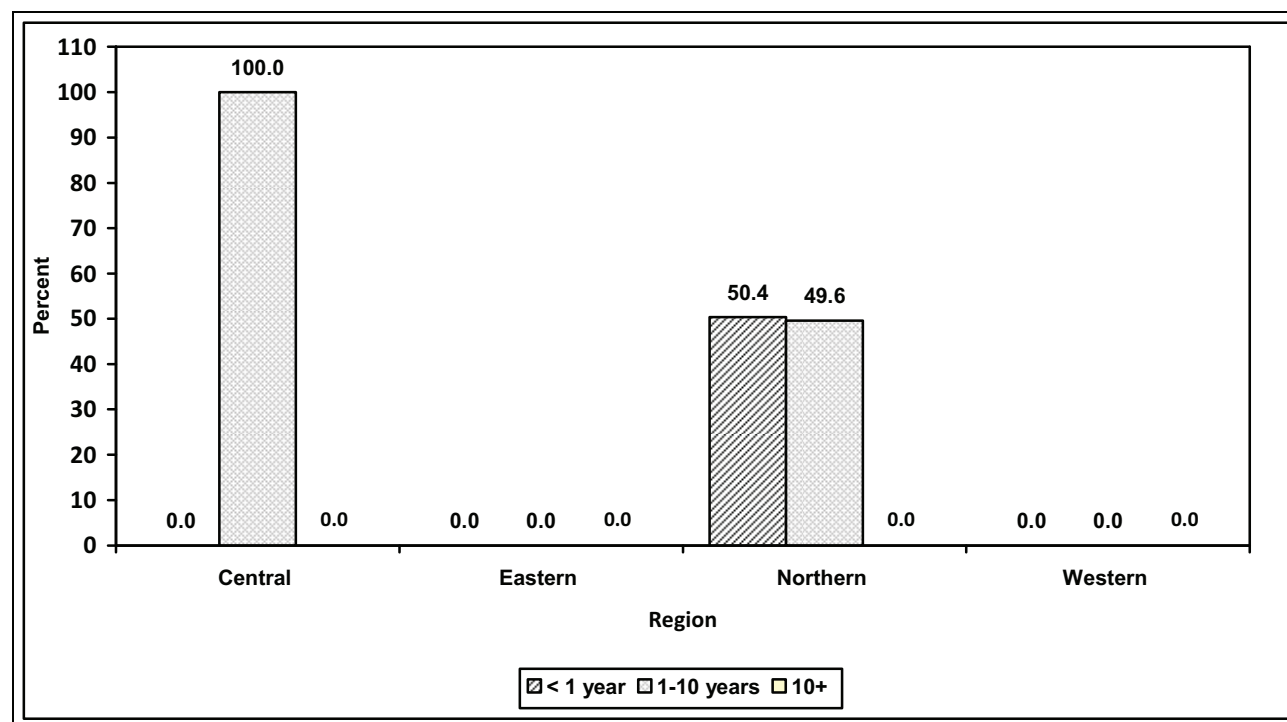
**Table 5.17 (a): Number of Ag HHs that reported having used Harrow/Cultivator and Harrow/Cultivators Saws used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Harrow/Cultivators	% Ag HHs that reported use of Harrow/Cultivators	Number of Harrow/Cultivators used	Mean Number of Harrow/Cultivators per Ag HH
Central	715,486	438	0.1	438	1
Eastern	1,069,885	0	0.0	0	
Northern	755,701	3,514	0.5	5,782	2
Western	1,033,992	173	0.0	259	1
<b>Uganda</b>	<b>3,575,063</b>	<b>4,125</b>	<b>0.1</b>	<b>6,479</b>	<b>2</b>

**Table 5.17 (b): Percentage Distribution of Ag HHs that reported having bought Harrow/Cultivators by period and Region.**

Region	Ag HHs that reported having bought Harrow/Cultivators	% of Ag HHs that reported having bought Harrow/Cultivators during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	269	0.0	100.0	0.0	100
Eastern	0	0	0	0	100
Northern	2,901	50.4	49.6	0.0	100
Western	0	0	0	0	100
<b>Uganda</b>	<b>94,388</b>	<b>1.5</b>	<b>1.8</b>	<b>96.6</b>	<b>100</b>

**Figure 5.17 : Percentage Distribution of Ag HHs that reported having bought Harrow/Cultivators by period and Region.**



### xviii) Planters

The total number of Ag HHs that reported use of planters was estimated to be nearly 8,000. This was about 0.2 percent of all estimated 3.6 Ag HHs that responded in Uganda.

The national mean which is the number of Planters per Ag HH was estimated to be one (1). All regions had a mean of one (1) except the Northern Region which had a mean of three (2).

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Planters. Analysis within region revealed that the Eastern Region had the highest percentage (41.1 %) of its Ag HHs that reported having bought planters during the period < 1 year ago followed by the Western Region with 40.0 percent while the Northern Region had the least (13.7 %). During the period 1-10 years ago, the Northern Region had the highest percentage (86.3 %) of its Ag HHs that reported having bought Planters followed by the Central Region with 69.8 percent while the Eastern Region had the least (58.9 %).

Bushenyi (4.2 %) and Gulu (1.5 %) districts had the highest proportions of their Ag HHs reporting use of planters. Only ten districts reported use of planter and these were: Bushenyi, Gulu, Kyenjojo, Wakiso, Hoima, Bududa, Amuru Budaka, Soroti and Oyam The remaining 70 districts (87.5 %) did not report use of this equipment.

Estimates at region level are provided in Table(s) 5.18(a) and 5.18 (b) as well as Figure 5.18. Those of the districts are provided in Annex 5.18.

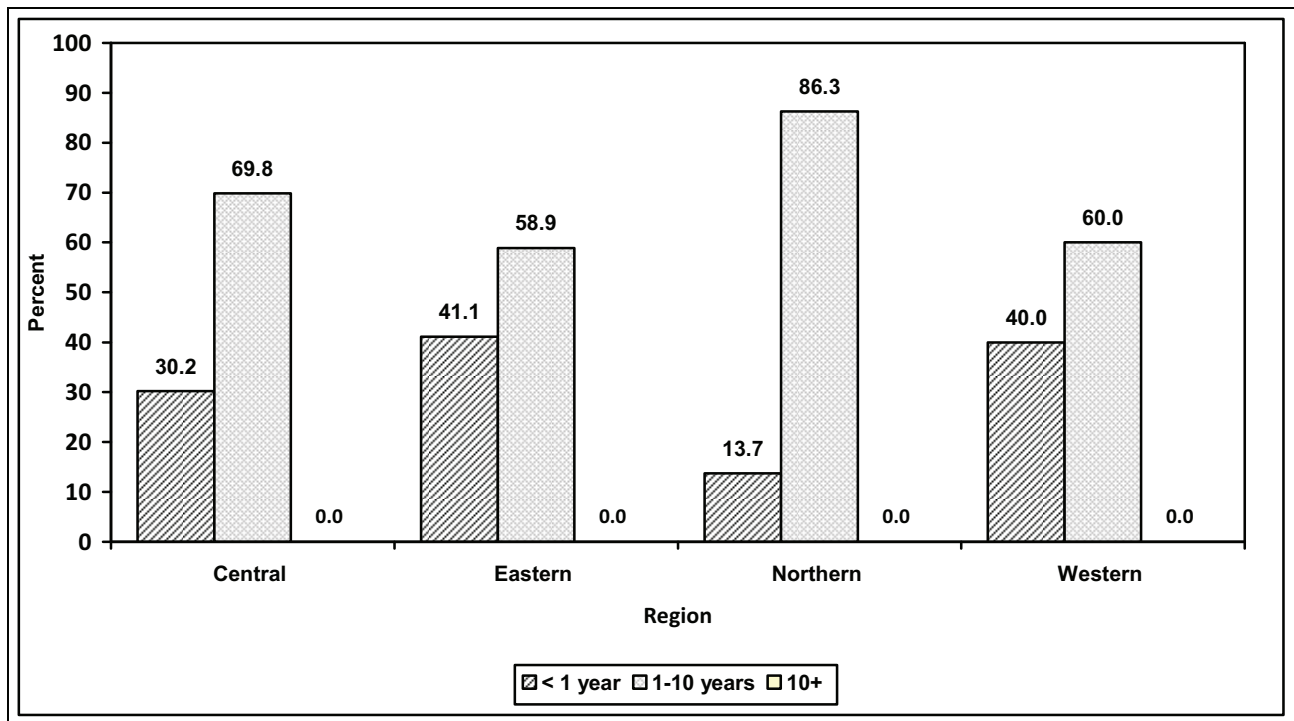
**Table 5.18 (a): Number of Ag HHs that reported having used Planters and Planters used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Planters	% Ag HHs that reported use of Planters	Number of Planters used	Mean Number of Planters per Ag HH
Central	715,486	616	0.1	615	1
Eastern	1,069,885	571	0.1	571	1
Northern	755,701	907	0.1	1,032	1
Western	1,033,992	5,552	0.5	8,731	2
<b>Uganda</b>	<b>3,575,064</b>	<b>7,647</b>	<b>0.2</b>	<b>10,950</b>	<b>1</b>

**Table 5.18 (b): Percentage Distribution of Ag HHs that reported having bought Planters by period and Region.**

Region	Ag HHs that reported having bought Planters	% of Ag HHs that reported having bought Planters during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	473	30.2	69.8	0.0	100
Eastern	107	41.1	58.9	0.0	100
Northern	907	13.7	86.3	0.0	100
Western	4,618	40.0	60.0	0.0	100
<b>Uganda</b>	<b>6,105</b>	<b>35.4</b>	<b>64.6</b>	<b>0.0</b>	<b>100</b>

**Figure 5.18: Percentage Distribution of Ag HHs that reported having bought Planters by period and Region.**



**xix) Sprayers**

Out of estimated 3.6 Ag HHs that responded nearly 414,000 Ag HHs (11.6 %) reported use of sprayers. Analysis within the regions showed that the Central Region with 17.4 percent had the highest percentage of its Ag HHs that reported use of sprayers followed by the Eastern Region (14.9 %) while the Northern Region had the least (3.5 %).

The national mean which is the number of Sprayers per Ag HH was estimated to be one (1). In terms of regions, a mean of one (1) was reported for each of them.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Sprayers. Analysis within region revealed that the Eastern Region had the highest percentage (39.5 %) of its Ag HHs that reported having bought Sprayers during the period < 1 year ago followed by the Western Region with 35.3 percent while the Central Region had the least (26.5 %). During the period 1-10 years ago, the Central Region had the highest percentage (68.9 %) of its Ag HHs that reported having bought Sprayers followed by the Northern Region with 68.2 percent while the Eastern Region had the least (56.3 %). For the period greater than ten years, the Western Region with 4.9 percent had the highest percentage of Ag HHs that reported having bought Sprayers while the Northern Region had the least (1.5 %).

Out of 80 districts, 74 (92.5 %) reported use of Sprayers. Budaka, Amuria and Kumi districts reported the highest proportions (50.4 percent, 39.2 percent and 35.9 percent respectively) of their Ag HHs as having used Sprayers; Kitgum district reported the lowest proportion (0.7 %). Six (6) districts namely: Kalangala, Kotido, Moroto, Kaabong, Nyadri and Bundibugyo did not report use of Sprayers.

The details are provided in Table(s) 5.19(a) and 5.19 (b) Figure 5.19 as well as Annex 5.19.

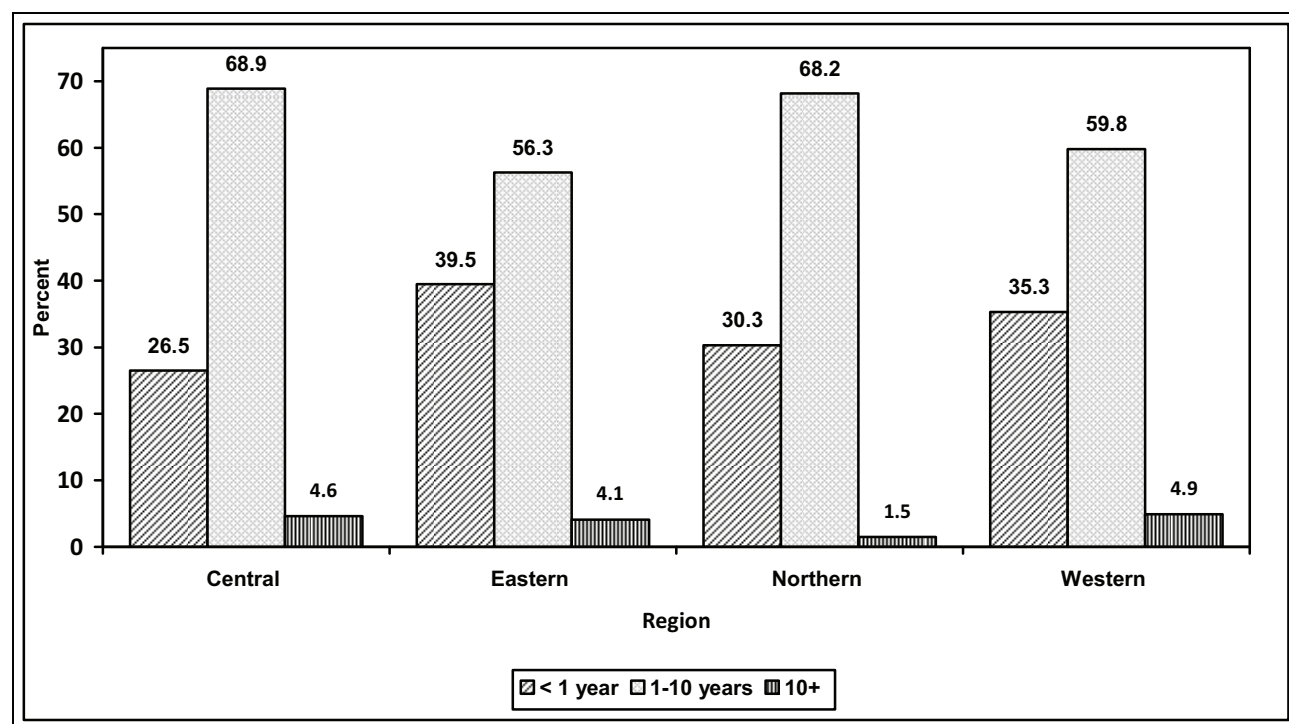
**Table 5.19 (a): Number of Ag HHs that reported having used Sprayers and Sprayers used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Sprayers	% Ag HHs that reported use of Sprayers	Number of Sprayers used	Mean Number of Sprayers per Ag HH
Central	715,486	124,440	17.4	136,281	1
Eastern	1,069,885	159,828	14.9	171,828	1
Northern	755,701	26,590	3.5	29,783	1
Western	1,033,992	103,444	10.0	114,239	1
<b>Uganda</b>	<b>3,575,064</b>	<b>414,302</b>	<b>11.6</b>	<b>452,131</b>	<b>1</b>

**Table 5.19 (b): Percentage Distribution of Ag HHs that reported having bought Sprayers by period and Region.**

Region	Ag HHs that reported having bought Sprayers	% of Ag HHs that reported having bought Sprayers during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	91,125	26.5	68.9	4.6	100
Eastern	88,237	39.5	56.3	4.1	100
Northern	21,880	30.3	68.2	1.5	100
Western	85,819	35.3	59.8	4.9	100
<b>Uganda</b>	<b>287,059</b>	<b>33.4</b>	<b>62.3</b>	<b>4.3</b>	<b>100</b>

**Figure 5.19 Percentage Distribution of Ag HHs that reported having bought Sprayers by period and Region.**



## xx) Pails

The total number of Ag HHs that reported use of Pails was estimated to be 163,000. This was 4.6 percent of all estimated 3.6 million Ag HHs that responded in Uganda. Analysis within the regions showed that the Western Region with 6.4 percent had the highest percentage of its Ag HHs that reported use of Pails followed by the Eastern Region (5.3 %) while the Northern Region had the least (0.9 %).

The national mean which is the number of Sprayers per Ag HH was estimated to be one (1). In terms of regions, a mean of one (1) was reported for each of them.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Pails. Analysis within region revealed that the Central Region had the highest percentage (60.6 %) of its Ag HHs that reported having bought Pails during the period < 1 year ago followed by the Eastern Region with 57.8 percent while the Northern Region had the least (31.0 %). During the period 1-10 years ago, the Northern Region had the highest percentage (68.2 %) of its Ag HHs that reported having bought Pails followed by the Western Region with 43.1 percent while the Central Region had the least (37.2 %).

Jinja district (23.0 %) and Rukungiri district (22.7 %) had the highest proportions of their Ag HHs reporting use of Pails. With 0.3 percent, Mbale district reported the lowest proportion. Out of 80 districts, twenty-one districts (26.3 %) did not report use of Pails.

Estimates at region level are provided in Table(s) 5.20(a) and 5.20(b) as well as Figure 5.20. Those of the districts are provided in Annex 5.20

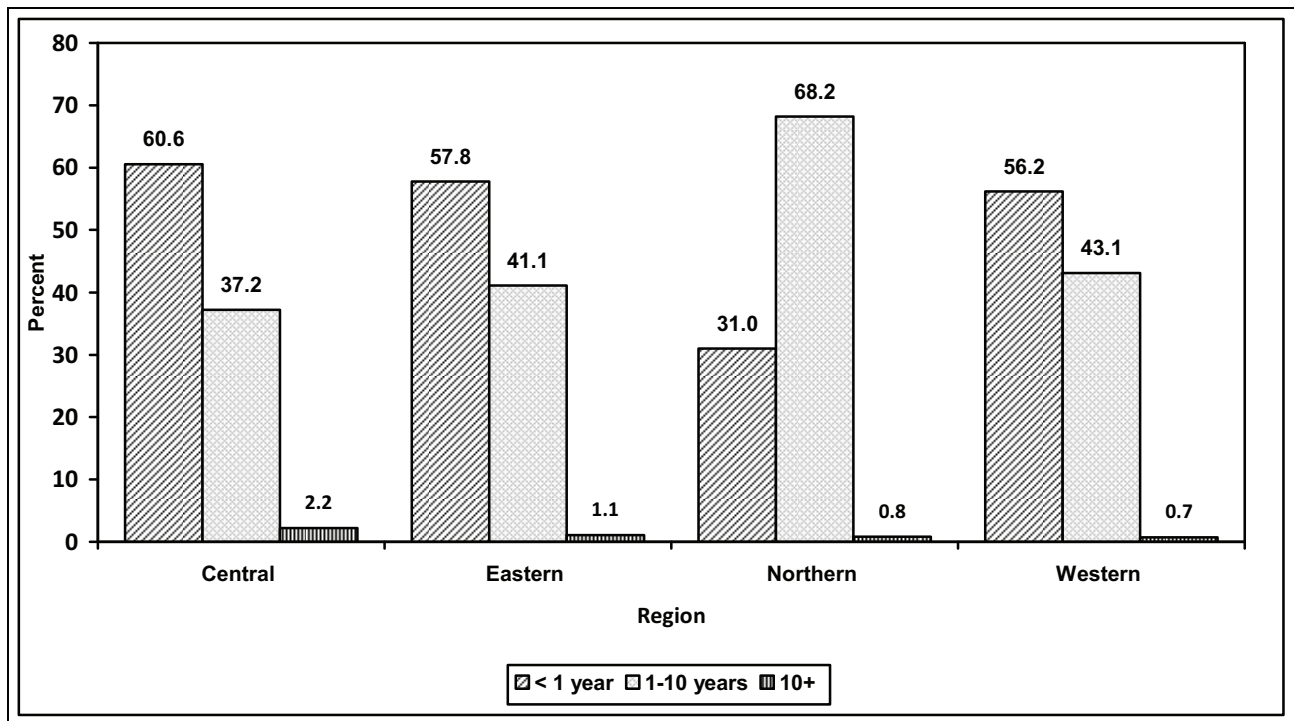
**Table 5.20 (a): Number of Ag HHs that reported having used Pails and Pails used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Pails	% Ag HHs that reported use of Pails	Number of Pails used	Mean Number of Pails per Ag HH
Central	715,486	34,419	4.8	48,290	1
Eastern	1,069,885	56,460	5.3	69,856	1
Northern	755,701	6,688	0.9	9,083	1
Western	1,033,992	65,751	6.4	98,572	1
<b>Uganda</b>	<b>3,575,064</b>	<b>163,319</b>	<b>4.6</b>	<b>225,802</b>	<b>1</b>

**Table 5.20 (b): Percentage Distribution of Ag HHs that reported having bought Pails by period and Region.**

Region	Ag HHs that reported having bought Pails	% of Ag HHs that reported having bought Pails during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	29,760	60.6	37.2	2.2	100
Eastern	51,558	57.8	41.1	1.1	100
Northern	6,123	31.0	68.2	0.8	100
Western	62,544	56.2	43.1	0.7	100
<b>Uganda</b>	<b>149,985</b>	<b>56.6</b>	<b>42.3</b>	<b>1.1</b>	<b>100</b>

**Figure 5.20: Percentage Distribution of Ag HHs that reported having bought Pails by period and Region.**



**xxi) Milk cans**

Out of estimated 3.6 million Ag HHs that responded, nearly 84,000 Ag HHs (2.4 %) reported use of Milk Cans. Analysis within the regions showed that the Western Region with 3.1 percent had the highest percentage of its Ag HHs that reported use of Milk Cans followed by the Central Region (3.0 %) while the Northern Region had the least (0.5 %).

The national mean which is the number of Milk Cans per Ag HH was estimated to be one (1). In terms of regions, a mean of one (1) was reported for each of them.

Out of the 3.6 million Ag HHs that responded, 341,000 (9.5 %) reported having bought Milk Cans. Analysis within region revealed that the Central Region had the highest percentage (52.9 %) of its Ag HHs that reported having bought Milk Cans during the period < 1 year ago followed by the Eastern Region with 47.6 percent while the Western Region had the least (28.8 %). During the period 1-10 years ago, the Western Region had the highest percentage (57.7 %) of its Ag HHs that reported having bought Milk Cans followed by the Northern Region with 53.6 percent while the Central Region had the least (44.7 %).

For the period greater than ten years, the Western Region with 13.7 percent had the highest percentage of Ag HHs that reported having bought Milk cans while the eastern Region had the least (2.2 %).

Out of 80 districts, 56 districts (70.0 %) reported use of Milk Cans. Kiruhura and Jinja districts had the highest proportions (14.0 %) and (11.9 percent respectively) of their Ag HHs as having reported use of Milk Cans. Twenty-four districts (30.0 %) did not report use of Milk Cans.

The details are provided in Table(s) 5.21 (a) and 5.21 (b) Figure 5.21 as well as Annex 5.21.

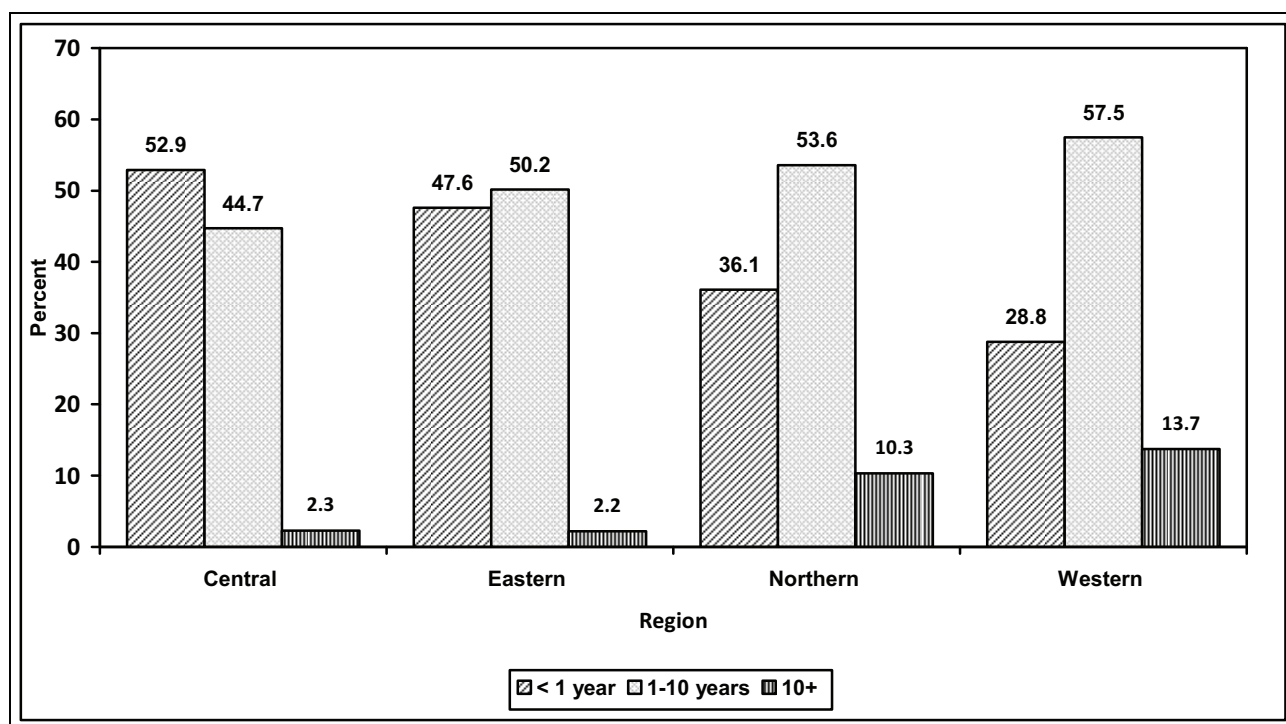
**Table 5.21 (a): Number of Ag HHs that reported having used Milk Cans and Milk Cans used, by Region.**

Region	Ag HHs that responded	Ag HHs that reported use of Milk Cans	% Ag HHs that reported use of Milk Cans	Number of Milk Cans used	Mean Number of Milk Cans per Ag HH
Central	715,486	21,391	3.0	29,885	1
Eastern	1,069,885	27,712	2.6	33,410	1
Northern	755,701	3,422	0.5	4,768	1
Western	1,033,992	31,907	3.1	42,606	1
<b>Uganda</b>	<b>3,575,064</b>	<b>84,431</b>	<b>2.4</b>	<b>110,668</b>	<b>1</b>

**Table 5.21 (b): Percentage Distribution of Ag HHs that reported having bought Milk Cans by period and Region.**

Region	Ag HHs that reported having bought Milk Cans	% of Ag HHs that reported having bought Milk Cans during			Total
		< 1 year ago	1-10 years ago	> 10+ years ago	
Central	18,980	52.9	44.7	2.3	100
Eastern	24,949	47.6	50.2	2.2	100
Northern	3,126	36.1	53.6	10.3	100
Western	30,016	28.8	57.5	13.7	100
<b>Uganda</b>	<b>77,070</b>	<b>41.1</b>	<b>51.8</b>	<b>7.0</b>	<b>100</b>

**Figure 5.21: Percentage Distribution of Ag HHs that reported having bought Milk Cans by period and Region.**



## **Agricultural equipment ownership: xxii) - xlii)**

For each of the equipment, the tables provide estimates in absolute numbers as well as for the respective percentages, for the Ag HHs that reported ownership by: *Holder*; *Holder and Other*; *Private*; *Government*, *Cooperative* and *Non Government Organisation (NGO)*, by region

Regarding the chart, the estimates are for only three variables namely: *Holder*; *Holder and Other*, and *Other Private*. The inclusion of all the six (6) categories in one (1) chart was deemed to be difficult.

### **xxii) Hoes**

Out of the 3.6 million Ag HHs that responded, 2.8 million (77.6 %) reported hoes ownership by *Holder*. The lowest ownership was by *Cooperative* which was under a percent.

The within region analysis revealed that the Western Region had the highest percentage (86.6 %) of its Ag HHs that reported ownership of Hoes by *Holder* followed by the Central Region with 86.1 percent while the Northern Region had the least (75.5 %). Regarding the ownership by *Holder and Other*, the Northern Region (22.3 %) reported the highest percentage followed the Eastern Region with 17.4 percent while the Western Region with 13.2 percent reported the lowest percentage. The remaining ownership categories were reported by less than a percent.

In terms of proportions, Kotido district had the highest percentage (96.8 %) of Ag HHs who reported ownership of hoes by *Holder*. Regarding ownership of hoes by: *Holder and Other*, *Other Private*; *Government*; *Cooperative*, and *NGO*, the districts of Amuru (44.7 %), Kitghum, (1.7 %); Kaabong (10.6 %), Nakapiripirit (0.4 %) and Kitgum (19.8 %) reported the highest proportions of Ag Hhs respectively. The lowest proportions were reported by: Amuru (44.2 %) for *Holder*; Kotido (0.8 %) for *Holder and Other*; Pallisa (0.2 %) for *Other Private*, Kitgum (0.1 %) for *Government*; Nakaseke (0.1 %); for *Cooperative*; and Bugiri (0.2 %) for *NGO*,

The details are provided in Table(s) 5.22 (a) and 5.22 (b), Figure 5.22 as well as Annex 5.22.

**Table 5.22 (a): Number of Ag HHs that reported ownership of Hoes by Category and Region.**

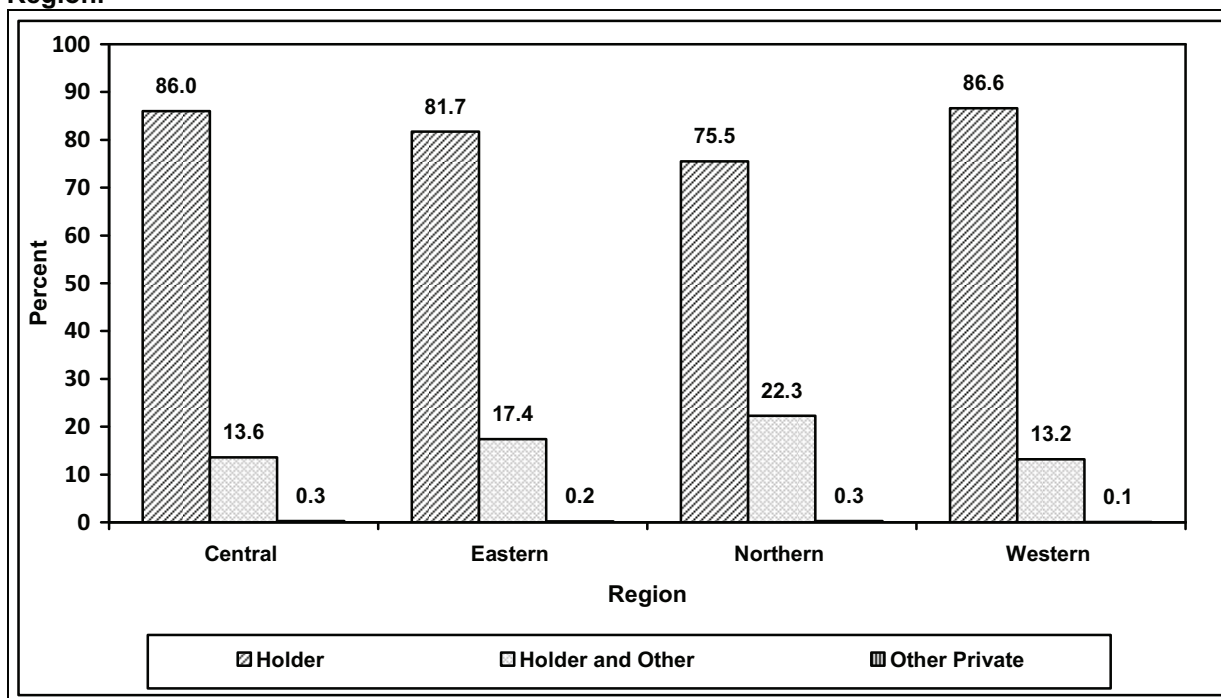
Region	Ag HHs that reported Ownership of Hoes	Ag HHs that reported ownership of Hoes by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	661,087	568,596	90,228	2,134	109	20	
Eastern	1,016,069	830,277	176,612	1,995	2,642	177	4,366
Northern	693,725	523,586	154,904	2,003	2,800	120	10,312
Western	984,551	852,811	130,180	1,360	200		
<b>Uganda</b>	<b>3,355,432</b>	<b>2,775,269</b>	<b>551,924</b>	<b>7,492</b>	<b>5,751</b>	<b>317</b>	<b>14,679</b>

**Table 5.22(b): Percentage Distribution of Ag HHs that reported ownership of Hoes by Category and Region.**

Region	Percentage of Ag HHs that reported use of Hoes, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	86.1	13.6	0.3	0	0	0	100
Eastern	81.7	17.4	0.2	0.3	0	0.4	100
Northern	75.5	22.3	0.3	0.4	0	1.5	100
Western	86.6	13.2	0.1	0	0	0	100
<b>Uganda</b>	<b>82.7</b>	<b>16.4</b>	<b>0.2</b>	<b>0.2</b>	<b>0</b>	<b>0.4</b>	<b>100</b>



**Figure 5.22: Percentage Distribution of Ag HHs that reported ownership of Hoes by Category and Region.**



**xxiii) Axes:**

Out of the 3.6 million Ag HHs that responded, 2.0 million (56.8 %) reported Axes ownership by Holder. The lowest ownership was by Cooperative which was under a percent.

The within region analysis revealed that the Central Region had the highest percentage (86.0 %) of its Ag HHs that reported ownership of Axes by *Holder* followed by the western Region with 85.9 percent while the Northern Region had the least (78.8 %). Regarding the ownership by *Holder and Other*, the Northern Region (16.9 %) reported the highest percentage followed the Eastern Region with 12.1 percent while the Central Region with 9.7 percent reported the lowest percentage.

For the ownership by *Other private*, the Eastern Region with 6.9 percent reported the highest while the Northern Region reported the least (1.8 %). The remaining ownership categories were reported by less than a percent.

Out of 80 districts, the percentage of the districts that had Ag HHs that reported use of Axes under different ownership types was as follows: Holder (80 districts or 100.0 %); Holder and Other (99 districts or 98.8 %); Other Private (71 districts or 88.8 %); Government (7 districts or 8.8 %); Cooperative (2 districts or 2.5 %); and NGO (15 districts or 18.8 %)

In terms of proportions, Kotido district had the highest percentage (79.3 %) of Ag HHs who reported ownership of Axes by *Holder*. Regarding ownership of Axes by: *Holder and Other*, *Other Private*, *Government*, *Cooperative*, and *NGO*, the districts of Dokolo (35.5 %), Kumi (17.1 %), Katakwi (4.5 %); Adjumani (0.3 %) and Kitgum (25.7 %) reported the highest proportions of Ag HHs respectively. The lowest proportions were reported by: Kampala (19.5 %) for *Holder*; Busia (0.7 %) for *Holder and Other*; Mbale (0.2 %) for *Other Private*, Kyenjojo (0.2 %) for *Government*; Isingiro (0.2 %); for *Cooperative*; and Bugiri (0.1 %) for *NGO*,

The details are provided in Table(s) 5.23 (a) and 5.23 (b) Figure 5.23 as well as Annex 5.23.

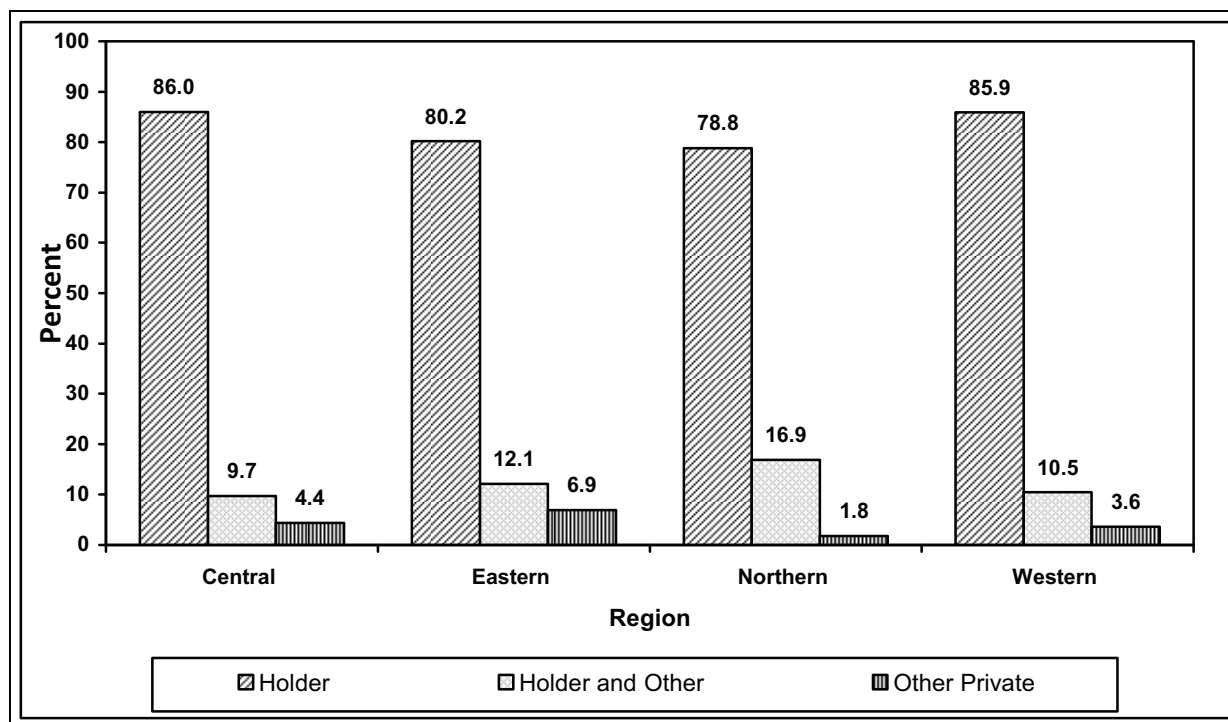
**Table 5.23 (a): Number of Ag HHs that reported ownership of Axes by Category and Region.**

Region	Ag HHs that reported Ownership of Axes	Ag HHs that reported ownership of Axes by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	486,841	418,537	47,118	21,186			
Eastern	734,309	588,964	88,548	50,932	1,455		4,410
Northern	552,094	435,255	93,454	9,850	304	68	13,163
Western	686,528	589,629	71,892	24,648	143	133	83
<b>Uganda</b>	<b>2,459,770</b>	<b>2,032,384</b>	<b>301,012</b>	<b>106,615</b>	<b>1,902</b>	<b>201</b>	<b>17,656</b>

**Table 5.23 (b): Percentage Distribution of Ag HHs that reported ownership of Axes by Category and Region.**

Region	Percentage of Ag HHs that reported use of Axes, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	86.0	9.7	4.4	0.0	0.0	0.0	100
Eastern	80.2	12.1	6.9	0.2	0.0	0.6	100
Northern	78.8	16.9	1.8	0.1	0.0	2.4	100
Western	85.9	10.5	3.6	0.0	0.0	0.0	100
<b>Uganda</b>	<b>82.6</b>	<b>12.2</b>	<b>4.3</b>	<b>0.1</b>	<b>0.0</b>	<b>0.7</b>	<b>100</b>

**Figure 5.23: Percentage Distribution of Ag HHs that reported ownership of Axes by Category and Region.**



## xxiv) Slashers

The estimated number of the Ag HHs that responded was 3.6 million out of which 1.0 million (29.0 %) of Ag Hhs reported Slashers' ownership by Holder. The lowest ownership was by NGO which was 317 (8.9 %).

The within region analysis revealed that the Western Region had the highest percentage (86.3 %) of its Ag HHs that reported ownership of Slashers by *Holder* followed by the Central Region with 85.5 percent while the Northern Region had the least (76.5 %). Regarding the ownership by *Holder and Other*, the Northern Region reported the highest percentage (20.1 %) followed the Eastern Region with 10.6 percent while the Central Region with 9.0 percent reported the lowest percentage.

For the *Other private* ownership, the Eastern Region had 8.1 percent had the highest while the Northern Region reported the lowest percentage (2.0 %). The remaining ownership categories were reported by less than a percent.

Out of 80 districts, the percentage of the districts that had Ag HHs that reported use of Slashers under different ownership types was as follows: Holder (79 districts or 98.8 %); Holder and Other (76 districts or 95.0 %); 'Other Private' (59 districts or 73.8 %); Government (8 districts or 10.0 %); Cooperative (1 districts or 1.3 %); and NGO (12 districts or 15.0 %)

In terms of proportions, Busia district had the highest percentage (74.3 %) of Ag HHs who reported ownership of slashers by Holder. Regarding ownership of slashers by: Holder and Other, Other Private, Government, Cooperative, and NGO, the districts of Nyadri (19.7 %), Namutumba (10.2 %), Adjumani (1.0 %); Nakaseke (0.1 %) and Adjumani (3.1 %) reported the highest proportions of Ag HHs respectively. The lowest proportions were reported by: Kotido (6.1 %) for Holder; Pader (0.2 %) for Holder and Other; Masindi (0.1 %) for Other Private, Kyenjojo (0.2 %) for Government'; for Cooperative; and Mukono (0.2 %) for NGO,

The details are provided in Table(s) 5.24 (a) and 5.24 (b), Figure 5.24 as well as Annex 5.24.

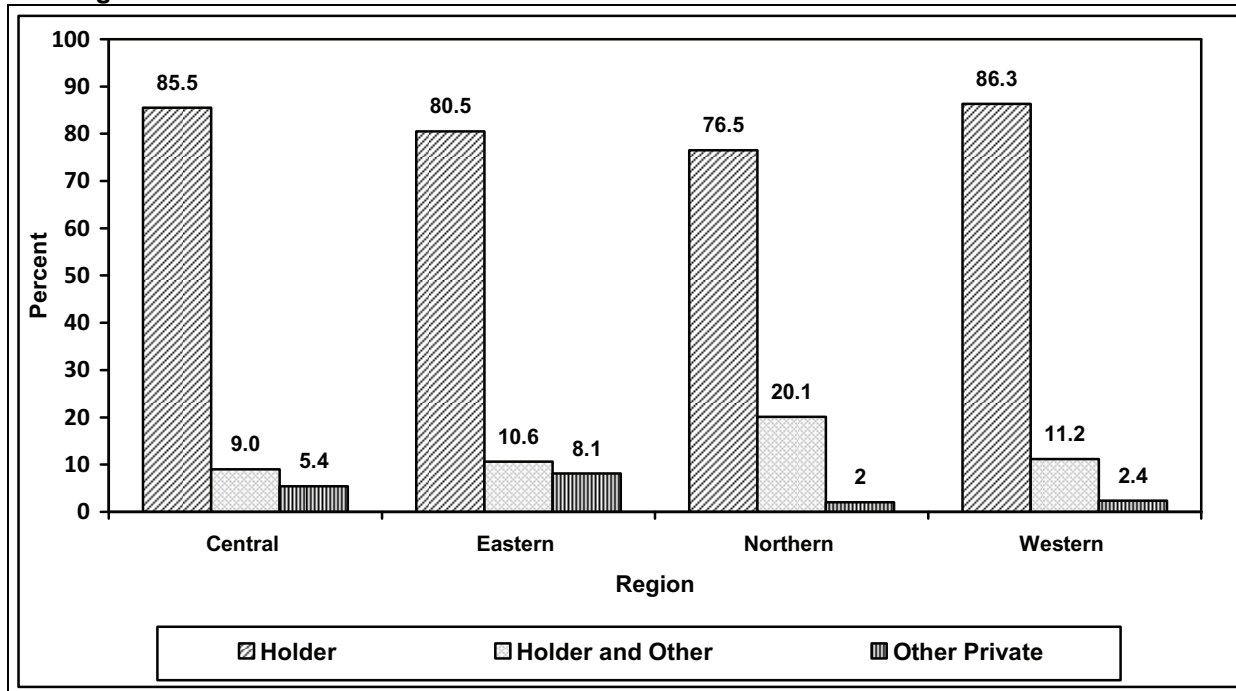
**Table 5.24 (a): Number of Ag HHs that reported ownership of Slashers by Category and Region.**

Region	Ag HHs that reported Ownership of Slashers	Ag HHs that reported ownership of Slashers by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	270,971	231,646	24,293	14,648	113	20	251
Eastern	394,535	317,595	41,691	32,074	559		2,616
Northern	267,615	204,719	53,843	5,410	471		3,172
Western	328,735	283,763	36,920	7,823	117		112
<b>Uganda</b>	<b>1,261,856</b>	<b>1,037,723</b>	<b>156,747</b>	<b>59,955</b>	<b>1,261</b>	<b>20</b>	<b>6,150</b>

**Table 5.24 (b): Percentage Distribution of Ag HHs that reported ownership of Slashers by Category and Region.**

Region	Percentage of Ag HHs that reported use of Slashers, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	85.5	9.0	5.4	0.0	0.0	0.1	100
Eastern	80.5	10.6	8.1	0.1	0.0	0.7	100
Northern	76.5	20.1	2.0	0.2	0.0	1.2	100
Western	86.3	11.2	2.4	0.0	0.0	0.0	100
<b>Uganda</b>	<b>82.2</b>	<b>12.4</b>	<b>4.8</b>	<b>0.1</b>	<b>0.0</b>	<b>0.5</b>	<b>100</b>

**Figure 5.24: Percentage Distribution of Ag HHs that reported ownership of Slashers by Category and Region.**



**xxv) Pangas**

Out of the 3.6 million Ag HHs that responded, 2.5 million (70.6 %) reported ownership of pangas by *Holder*. The lowest percentage (under a %) of Ag Hhs that reported ownership was by *Cooperative*.

The within region analysis revealed that the Western Region had the highest percentage (90.5 %) of its Ag HHs that reported ownership of Pangas by *Holder* followed by the Central Region with 89.0 percent while the Northern Region had the least (79.7 %). Regarding the ownership by *Holder and Other*, the Northern Region reported the highest percentage (15.8 %) followed the Eastern Region with 10.0 percent while the Western Region with 9.2 percent reported the lowest percentage. The remaining ownership categories were reported by less than a percent.

For the ownership by *Other private*, the Eastern Region reported 3.5 percent which was the highest while the Western Region reported the lowest percentage (0.3 %).

Out of 80 districts, the percentage of the districts that had Ag HHs that reported use of Pangas under different ownership types was as follows: *Holder* (80 districts or 100.0 %); *Holder and Other* (80 districts or 100.0 %); *Other Private* (80 districts or 100.0 %); *Government* (10 districts or 12.5 %); *Cooperative* (3 districts or 3.8 %); and *NGO* (19 districts or 23.8 %)

In terms of proportions, Mbarara district had the highest percentage (91.3 %) of Ag HHs who reported ownership of Pangas by *Holder*. Regarding ownership of Pangas by: *Holder and Other*, *Other Private*, *Government*, *Cooperative*, and *NGO*, the districts of Dokolo (30.4 %), Kumi (10.5 %), Katakwi (7.1 %); Adjumani (0.3 %) and Kitgum (25.3 %) reported the highest proportions of Ag HHs respectively. The lowest proportions were reported by: Dokolo (35.5 %) for ‘*Holder*’; Nakasongola (0.5 %) for *Holder and Other*; Masindi (0.1 %) for *Other Private*, Lira (0.2 %) for *Government*; Nakaseke (0.2 %) for *Cooperative*; and Bugiri (0.1 %) for *NGO*,

The details are provided in Table(s) 5.25 (a) and 5.25 (b), Figure 5.25 as well as Annex 5.25.

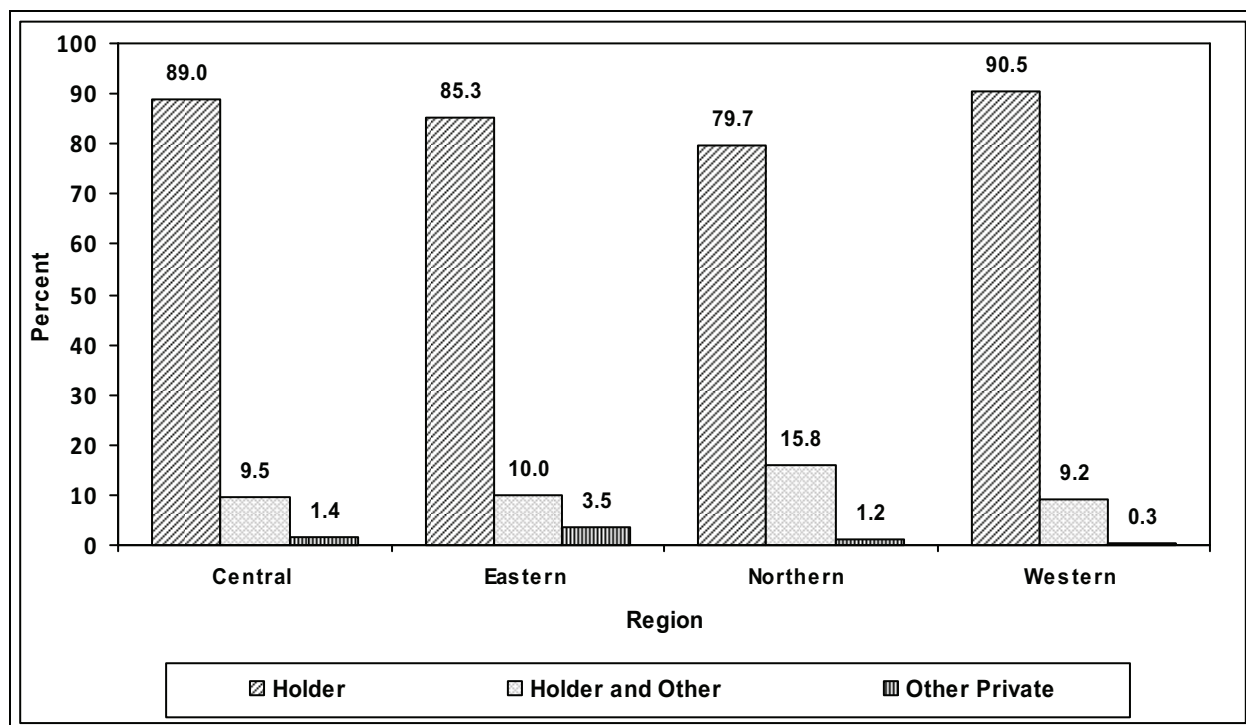
**Table 5.25 (a): Number of Ag HHs that reported ownership of Pangas by Category and Region.**

Region	Ag HHs that reported Ownership of Pangas	Ag HHs that reported ownership of Pangas by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	591,599	526,818	56,304	8,216	33	33	195
Eastern	861,638	734,903	85,997	30,094	2,390	177	8,077
Northern	544,323	433,735	85,790	6,781	344	68	17,605
Western	915,967	829,128	84,414	2,342			83
<b>Uganda</b>	<b>2,913,525</b>	<b>2,524,584</b>	<b>312,504</b>	<b>47,433</b>	<b>2,766</b>	<b>278</b>	<b>25,960</b>

**Table 5.25 (b): Percentage Distribution of Ag HHs that reported ownership of Pangas by Category and Region.**

Region	Percentage of Ag HHs that reported use of Pangas, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	89.0	9.5	1.4	0.0	0.0	0.0	100
Eastern	85.3	10.0	3.5	0.3	0.0	0.9	100
Northern	79.7	15.8	1.2	0.1	0.0	3.2	100
Western	90.5	9.2	0.3	0.0	0.0	0.0	100
<b>Uganda</b>	<b>86.7</b>	<b>10.7</b>	<b>1.6</b>	<b>0.1</b>	<b>0.0</b>	<b>0.9</b>	<b>100</b>

**Figure 5.25: Percentage Distribution of Ag HHs that reported ownership of Pangas by Category and Region.**



## xxvi) Watering Cans

Out of the 3.6 million Ag HHs that responded, 170,000 (4.8 %) reported Watering Cans ownership by Holder. The lowest ownership was by *Cooperative* which was under a percent.

The within region analysis revealed that the Western Region had the highest percentage (84.3 %) of its Ag HHs that reported ownership of Watering Cans by *Holder* followed by the Central Region with 80.9 percent while the Northern Region had the least (70.0 %). Regarding the ownership by *Holder and Other*, the Northern Region (20.2 %) reported the highest percentage followed the Eastern Region with 9.3 percent while the Central Region with 8.1 percent reported the lowest percentage. In the case of the ownership by *Other Private*, the Eastern Region had the highest percentage (10.6 %) followed by the Central Region with 9.4 percent while the Western Region reported the least (5.0 %). The remaining three ownership categories were reported by slightly over two (2) percent at national level.

In terms of proportions, Hoima district had the highest percentage (26.8 %) of Ag HHs who reported ownership of Pangas by 'Holder'. Regarding ownership of Watering Cans by: Holder and Other, Other Private, Government, Cooperative, and NGO, the districts of Nyadri (5.3 %), Bukwo (2.4 %), Namutumba (0.7 %); Masindi (0.7 %) and Abim (1.5 %) reported the highest proportions of Ag HHs respectively. The lowest proportions were reported by: Ibanda (2.5 %) for Holder; Kisoro (0.2 %) for Holder and Other; Lira (0.1 %) for Other Private, Kasese (0.2 %) for Government; Kabale (0.2 %); for Cooperative; and Soroti (0.2 %) for NGO,

The details are provided in Table(s) 5.26 (a) and 5.26 (b), Figure 5.26 as well as Annex 5.26

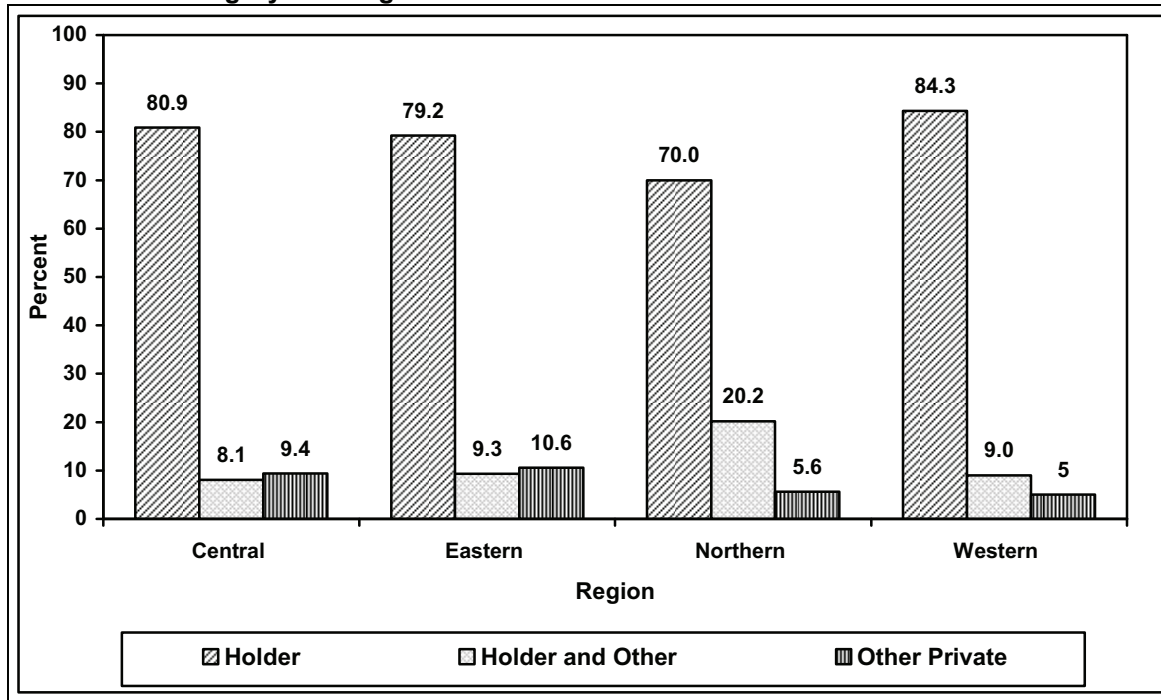
**Table 5.26 (a): Number of Ag HHs that reported ownership of Watering Cans by Category and Region.**

Region	Ag HHs that reported Ownership of Watering Cans	Ag HHs that reported ownership of Watering Cans by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	51,773	41,879	4,213	4,888	306		487
Eastern	42,849	33,953	3,983	4,523	191		199
Northern	43,255	30,270	8,754	2,443	182	320	1,286
Western	75,788	63,872	6,806	3,778	346	482	504
<b>Uganda</b>	<b>213,663</b>	<b>169,973</b>	<b>23,755</b>	<b>15,632</b>	<b>1,025</b>	<b>802</b>	<b>2,476</b>

**Table 5.26 (b): Percentage Distribution of Ag HHs that reported ownership of Watering Cans by Category and Region.**

Region	Percentage of Ag HHs that reported use of Watering Cans, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	80.9	8.1	9.4	0.6	0.0	0.9	100
Eastern	79.2	9.3	10.6	0.4	0.0	0.5	100
Northern	70.0	20.2	5.6	0.4	0.7	3.0	100
Western	84.3	9.0	5.0	0.5	0.6	0.7	100
<b>Uganda</b>	<b>79.6</b>	<b>11.1</b>	<b>7.3</b>	<b>0.5</b>	<b>0.4</b>	<b>1.2</b>	<b>100</b>

**Figure 5.26: Percentage Distribution of Ag HHs that reported ownership of Watering Cans by Category and Region.**



#### xxvii) Wheel Barrows

The estimated number of the Ag HHs that responded was 3.6 million out of which 267,000 (7.8 %) of Ag Hhs reported Wheel Barrows' ownership by Holder. The lowest ownership was by NGO and Cooperative each under a percent.

The within region analysis revealed that the Western Region had the highest percentage (68.9 %) of its Ag HHs that reported ownership of Wheel Barrows by Holder followed by the Central Region with 66.2 percent while the Northern Region had the least (46.6 %). Regarding the ownership by Holder and Other, the Northern Region (22.7 %) reported the highest percentage followed the Western Region with 12.0 percent while each of the Central and Eastern Regions with 9.1 percent reported the lowest percentage. In the case of the ownership by Other Private, the Eastern Region had the highest percentage (33.6 %) followed by the Central Region with 23.2 percent while the Western Region reported the least (18.2 %). The remaining three ownership categories were reported by slightly over three percent at national level.

Out of 80 districts, the percentage of the districts which had Ag HHs that reported use of Wheelbarrows under different ownership types was as follows: Holder 78 districts (97.5 %); Holder and Other, 73 districts (91.3 %); Other Private, 70 districts (87.5 %), Government, 17 districts (21.3 %); Cooperative, 8 districts (10.0 %); and NGO, 19 districts (23.8 %)

In terms of proportions, Wakiso district had the highest percentage (26.7 %) of Ag HHs who reported ownership of Wheelbarrows by Holder. Regarding ownership of Wheelbarrows by: Holder and Other, Other Private, Government, Cooperative, and NGO, the districts of Wakiso (26.7 %), Nyadri (5.6 %), Budaka (15.8 %); Amolatatar (1.2 %); Nakaseke (0.2 %) and Katakwi (3.2 %) reported the highest proportions of Ag HHs respectively. The lowest proportions were reported by: Kotido (0.1 %) for Holder; Nebbi (0.2 %) for Holder and Other; Amuru (0.2 %) for Other Private, Mukono (0.1 %) for Government; Kasese (0.2 %); for Cooperative; and Nakaseke (0.1 %) for NGO,

The details are provided in Table(s) 5.27 (a) and 5.27 (b), Figure 5.27 as well as Annex 5.27.



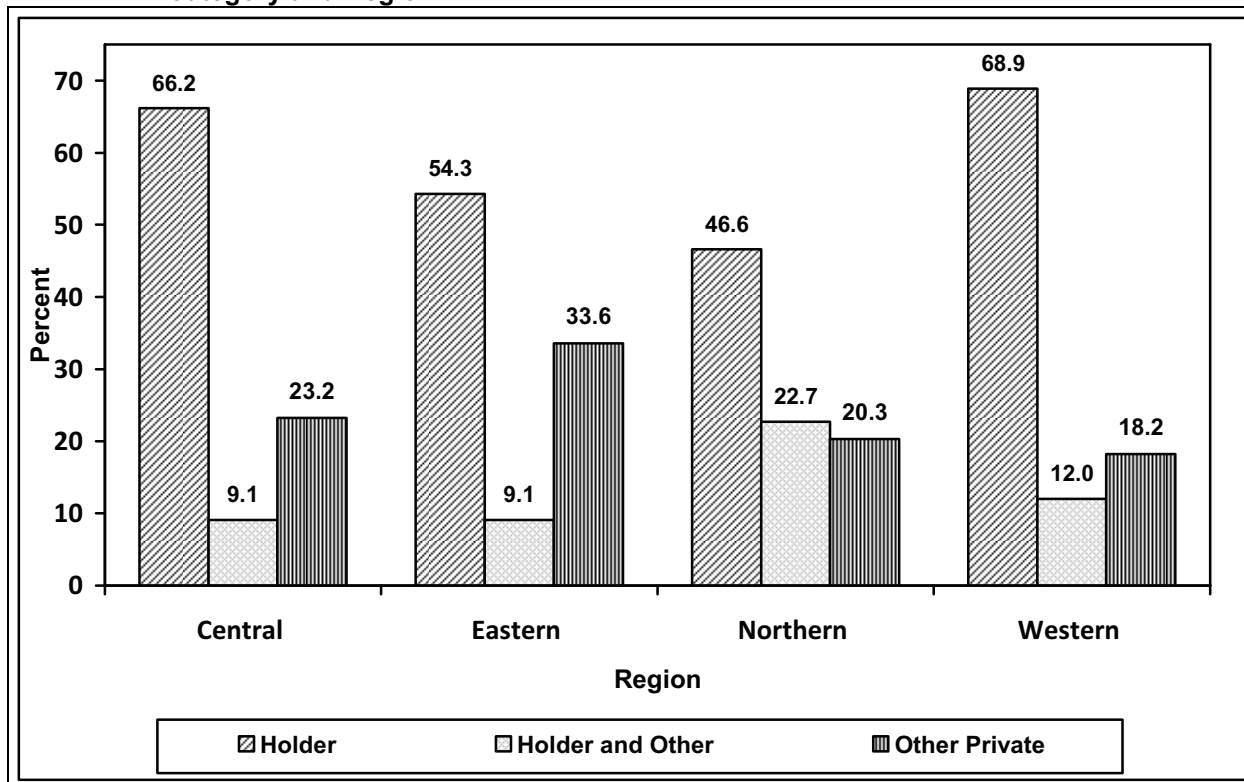
**Table 5.27 (a): Number of Ag HHs that reported ownership of Wheel Barrows by Category and Region.**

Region	Ag HHs that reported Ownership of Wheel Barrows	Ag HHs that reported ownership of Wheel Barrows by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	124,472	82,344	11,266	28,875	454	222	1,311
Eastern	140,133	76,142	12,791	47,063	577	205	3,355
Northern	63,351	29,537	14,373	12,835	876	264	5,466
Western	114,507	78,935	13,750	20,827	337	575	83
<b>Uganda</b>	<b>442,462</b>	<b>266,958</b>	<b>52,180</b>	<b>109,601</b>	<b>2,243</b>	<b>1,266</b>	<b>10,214</b>

**Table 5.27 (b): Percentage Distribution of Ag HHs that reported ownership of Wheel Barrows by Category and Region.**

Region	Percentage of Ag HHs that reported use of Wheel Barrows, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	66.2	9.1	23.2	0.4	0.2	1.1	100
Eastern	54.3	9.1	33.6	0.4	0.1	2.4	100
Northern	46.6	22.7	20.3	1.4	0.4	8.6	100
Western	68.9	12.0	18.2	0.3	0.5	0.1	100
<b>Uganda</b>	<b>60.3</b>	<b>11.8</b>	<b>24.8</b>	<b>0.5</b>	<b>0.3</b>	<b>2.3</b>	<b>100</b>

**Figure 5.27: Percentage Distribution of Ag HHs that reported ownership of Wheel Barrows by Category and Region.**





## xxviii) Pruning Knives

Out of the 3.6 million Ag HHs that responded, 252,000 (7.1 %) reported Pruning Knives ownership by Holder. The lowest ownership was reported by each of Cooperative, Government and NGO which was under a percent.

The within region analysis revealed that the Central Region had the highest percentage (83.9 %) of its Ag HHs that reported ownership of Pruning Knives by Holder followed by the Western Region with 78.1 percent while the Northern Region had the least (48.3 %). Regarding the ownership by Holder and Other, the Northern Region (42.3 %) reported the highest percentage followed the Eastern Region with 22.3 percent while the Western Region with 11.2 percent reported the lowest percentage. In the case of the ownership by Other Private, the Western Region had the highest percentage (10.6 %) followed by the Northern Region with 4.7 percent while the Eastern Region reported the least (3.0 %). The remaining three ownership categories were reported by slightly over three percent at national level. The remaining three ownership categories were reported by under a percent at national level.

Out of 80 districts, the percentage of the districts which had Ag HHs that reported use of Pruning Knives under different ownership types was as follows: Holder 64 districts (80.0 %); Holder and Other, 48 districts (60.0 %); Other Private, 28 districts (35.0 %), Government, 1 districts (1.3 %); Cooperative, 3 districts (3.8 %); and NGO, 1 districts (1.3 %)

In terms of proportions, Rakai district had the highest percentage (35.6 %) of Ag HHs who reported ownership of Pruning Knives by Holder. Regarding ownership of Pruning Knives by: Holder and Other, Other Private, Government, Cooperative, and NGO, the districts of Pallisa (11.0 %), Nyadri (5.6 %), Rukungiri (6.8 %); Amolatatar (0.7 %); Arua (0.2 %) and Kitgum (0.3 %) reported the highest proportions of Ag HHs respectively.

The details are provided in Table(s) 5.28 (a) and 5.28 (b), Figure 5.28 as well as Annex 5.28

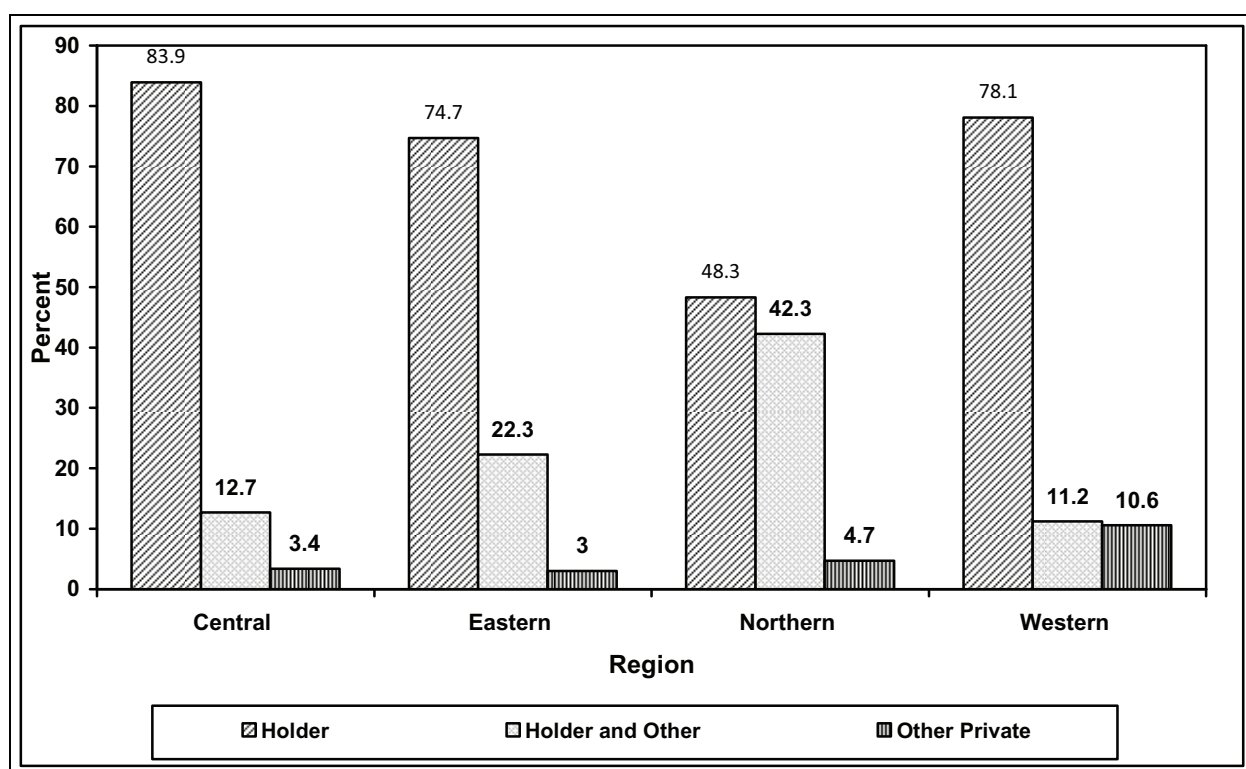
**Table 5.28 (a): Number of Ag HHs that reported ownership of Pruning Knives by Category and Region.**

Region	Ag HHs that reported Ownership of Pruning Knives	Ag HHs that reported ownership of Pruning Knives by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	101,069	84,750	12,854	3,465			
Eastern	46,639	34,852	10,399	1,388			
Northern	10,765	5,198	4,552	504	124	264	123
Western	162,926	127,314	18,239	17,256		117	
<b>Uganda</b>	<b>321,397</b>	<b>252,114</b>	<b>46,043</b>	<b>22,612</b>	<b>124</b>	<b>381</b>	<b>123</b>

**Table 5.28 (b): Percentage Distribution of Ag HHs that reported ownership of Pruning Knives by Category and Region.**

Region	Percentage of Ag HHs that reported use of Pruning Knives, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	83.9	12.7	3.4	0.0	0.0	0.0	100
Eastern	74.7	22.3	3.0	0.0	0.0	0.0	100
Northern	48.3	42.3	4.7	1.2	2.5	1.1	100
Western	78.1	11.2	10.6	0.0	0.1	0.0	100
<b>Uganda</b>	<b>78.4</b>	<b>14.3</b>	<b>7.0</b>	<b>0.0</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>

**Figure 5.28: Percentage Distribution of Ag HHs that reported ownership of Pruning Knives by Category and Region.**



**xxix) Pruning Saws:**

Out of the 3.6 million Ag HHs that responded, 39,000 (1.1 %) reported use and ownership of Pruning Saws, by *Holder*. The lowest ownership was by *Cooperative* which was under a percent.

The within region analysis revealed that the Central Region had the highest percentage (91.9 %) of its Ag HHs that reported ownership of Pruning Saws by *Holder* followed by the Western Region with 80.9 percent while the Northern Region had the least (62.7 %). Regarding the ownership by *Holder and Other*, the Northern Region (32.6 %) reported the highest percentage followed the Eastern Region with 11.5 percent while the Central Region with 3.1 percent reported the lowest percentage. In the case of the ownership by *Other Private*, the Eastern Region had the highest percentage (9.6 %) closely followed by the Western Region with 9.5 percent while the Northern Region reported the least (2.3 %).

The Northern Region with 100 percent of Ag HHs was the only one that reported the use and ownership of Pruning Saw, by Cooperative.

The details are provided in Table(s) 5.29 (a) and 5.29 (b), Figure 5.29 as well as Annex 5.29.

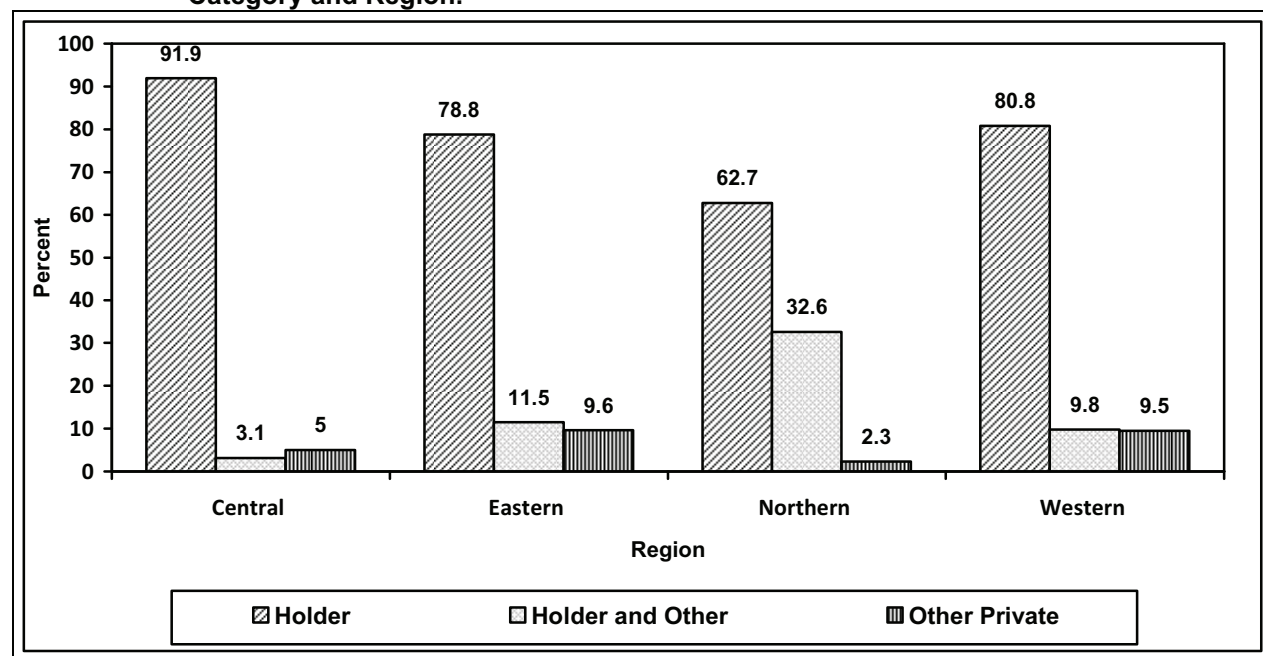
**Table 5.29 (a): Number of Ag HHs that reported ownership of Pruning Saws by Category and Region.**

Region	Ag HHs that reported Ownership of Pruning Saws	Ag HHs that reported ownership of Pruning Saws by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	11,476	10,551	353	572			
Eastern	7,732	6,095	893	744			
Northern	5,802	3,637	1,890	136		139	
Western	23,755	19,183	2,321	2,251			
<b>Uganda</b>	<b>48,765</b>	<b>39,466</b>	<b>5,457</b>	<b>3,703</b>		<b>139</b>	

**Table 5.29 (b): Percentage Distribution of Ag HHs that reported ownership of Pruning Saws by Category and Region.**

Region	Percentage of Ag HHs that reported use of Pruning Saws, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	91.9	3.1	5.0	0.0	0.0	0.0	100
Eastern	78.8	11.5	9.6	0.0	0.0	0.0	100
Northern	62.7	32.6	2.3	0.0	2.4	0.0	100
Western	80.8	9.8	9.5	0.0	0.0	0.0	100
<b>Uganda</b>	<b>80.9</b>	<b>11.2</b>	<b>7.6</b>	<b>0.0</b>	<b>0.3</b>	<b>0.0</b>	<b>100</b>

**Figure 5.29: Percentage Distribution of Ag HHs that reported ownership of Pruning Saws by Category and Region.**



**xxx) Chain/Hand Saws:**

Out of the 3.6 million Ag HHs that responded, 12,000 (0.3 %) reported use and ownership of Chain/Hand Saws, by 'Holder'. The lowest ownership was by Government which was under a percent.

The within region analysis revealed that the Central Region had the highest percentage (95.2 %) of its Ag HHs that reported ownership of Chain/Hand Saws by *Holder* followed by the Western Region with 89.3 percent while the Eastern Region had the least (69.3.7 %). Regarding the ownership by *Holder and Other*, the Northern Region (14.8 %) reported the highest percentage followed the Eastern Region with 13.7 percent while the Western Region with 1.4 percent reported the lowest percentage. In the case of the ownership by *Other Private*, the Western Region had the highest percentage (9.3 %) followed by the Eastern Region with 8.0 percent while the Northern Region reported the least (4.2 %). The remaining three ownership categories were reported by slightly over three percent at national level. The remaining two ownership categories (i.e. Government and NGO) were reported by three (3) percent at national level.

The details are provided in Table(s) 5.30 (a) and 5.30 (b), Figure 5.30 as well as well as Annex 5.30.

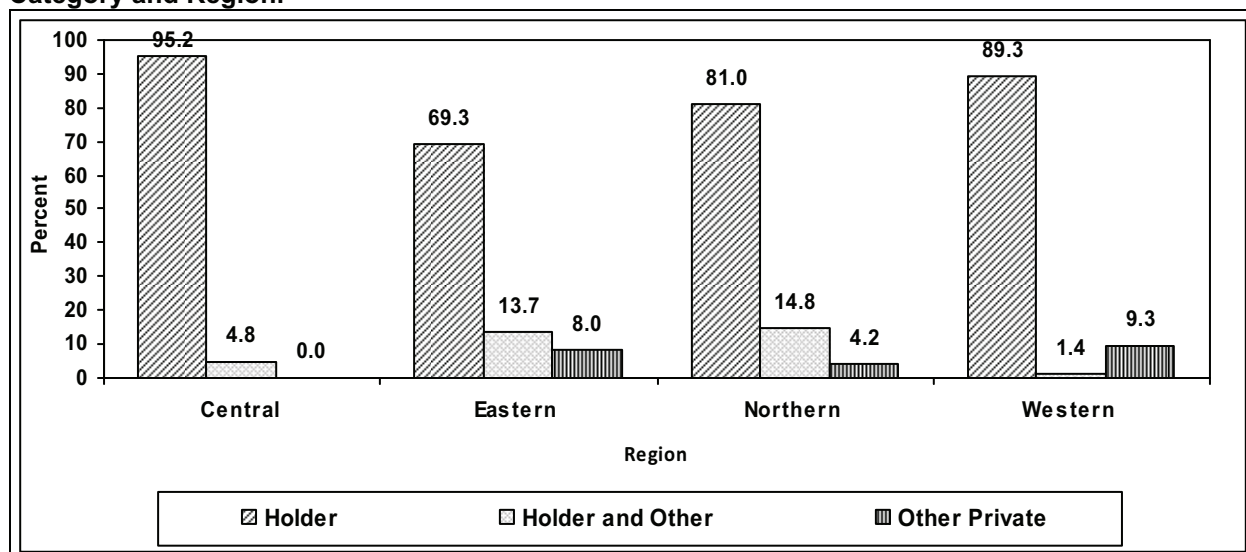
**Table 5.30 (a): Number of Ag HHs that reported ownership of Chain/Hand Saws by Category and Region.**

Region	Ag HHs that reported Ownership of Chain/Hand Saws	Ag HHs that reported ownership of Chain/Hand Saws by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	3,597	3,425	172				
Eastern	4,844	3,359	664	386	67		368
Northern	2,530	2,050	375	105			
Western	3,592	3,208	51	333			
<b>Uganda</b>	<b>14,561</b>	<b>12,041</b>	<b>1,262</b>	<b>823</b>	<b>67</b>		<b>368</b>

**Table 5.30 (b): Percentage Distribution of Ag HHs that reported ownership of Chain/Hand Saws by Category and Region.**

Region	Percentage of Ag HHs that reported use of Chain/Hand Saws, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	95.2	4.8	0.0	0.0	0.0	0.0	100
Eastern	69.3	13.7	8.0	1.4	0.0	7.6	100
Northern	81.0	14.8	4.2	0.0	0.0	0.0	100
Western	89.3	1.4	9.3	0.0	0.0	0.0	100
<b>Uganda</b>	<b>82.7</b>	<b>8.7</b>	<b>5.7</b>	<b>0.5</b>	<b>0.0</b>	<b>2.5</b>	<b>100</b>

**Figure 5.30: Percentage Distribution of Ag HHs that reported ownership of Chain/Hand Saws by Category and Region.**



### xxxii) Shellers

Out of the 3.6 million Ag HHs that responded, 6,600 (0.2 %) reported use and ownership of *Shellers* by *Holder*. The lowest ownership was by Cooperative which was under three (3) percent.

The within region analysis revealed that the Western Region had the highest percentage (65.6 %) of its Ag HHs that reported ownership of *Shellers* by *Holder* followed by the Eastern Region with 45.6 percent while the Central Region had the least (36.3 %). Regarding the ownership by *Holder and Other*, the Central Region (23.6 %) reported the highest percentage followed the Northern Region with 11.7 percent while the Western Region with 7.9 percent reported the lowest percentage. In the case of the ownership by *Other Private*, the Northern Region had the highest percentage (50.2 %) closely followed by the Eastern Region with 48.1 percent while the Western Region reported the least (23.7 %). The remaining three ownership categories were reported by slightly over three percent at national level. The remaining one ownership category (i.e. Cooperative) was reported by under three (3) percent at national level.

The details are provided in Table(s) 5.31 (a) and 5.31 (b), Figure 5.31 as well as Annex 5.31.

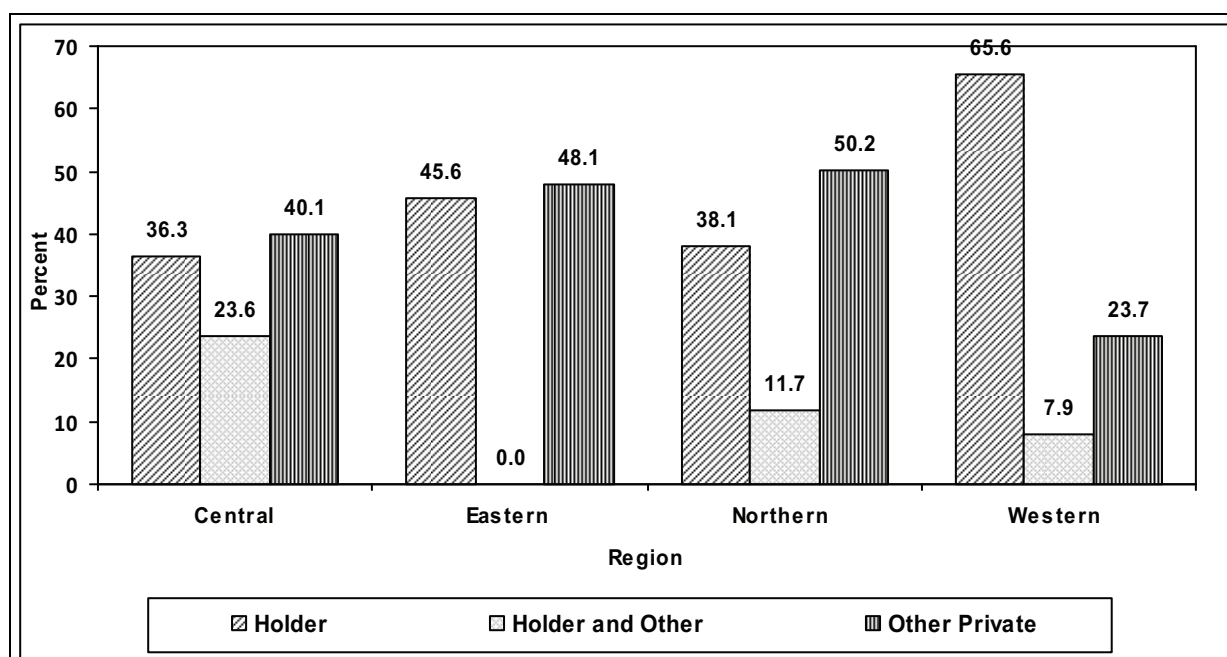
**Table 5.31 (a): Number of Ag HHs that reported ownership of Shellers by Category and Region.**

Region	Ag HHs that reported Ownership of Shellers	Ag HHs that reported ownership of Shellers by:				
		Holder	Holder and Other	Other Private	Government	Cooperative
Central	3,455	1,253	817	1,385		
Eastern	4,083	1,862		1,964		257
Northern	2,251	858	264	1,129		
Western	4,041	2,650	318	956		117
<b>Uganda</b>	<b>13,832</b>	<b>6,623</b>	<b>1,400</b>	<b>5,435</b>		<b>374</b>

**Table 5.31 (b): Percentage Distribution of Ag HHs that reported ownership of Shellers by Category and Region.**

Region	Percentage of Ag HHs that reported use of Shellers, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	36.3	23.6	40.1	0.0	0.0	0.0	100
Eastern	45.6	0.0	48.1	0.0	6.3	0.0	100
Northern	38.1	11.7	50.2	0.0	0.0	0.0	100
Western	65.6	7.9	23.7	0.0	2.9	0.0	100
<b>Uganda</b>	<b>47.9</b>	<b>10.1</b>	<b>39.3</b>	<b>0.0</b>	<b>2.7</b>	<b>0.0</b>	<b>100</b>

**Figure 5.31: Percentage Distribution of Ag HHs that reported ownership of Shellers by Category and Region.**



### xxxii) Spades

Out of the 3.6 million Ag HHs that responded, 401,000 (11.2 %) reported Spades' ownership by *Holder*. The lowest ownership was by *Cooperative* which was under a percent.

The within region analysis revealed that the Central Region had the highest percentage (83.2 %) of its Ag HHs that reported ownership of Spades by *Holder* followed by the Western Region with 77.4 percent while the Northern Region had the least (63.8 %). Regarding the ownership by *Holder and Other*, the Northern Region (17.3 %) reported the highest percentage followed the Western Region with 11.7 percent while the Eastern and Eastern Regions with 9.1 percent reported the lowest percentage. In the case of the ownership by *Other Private*, the Eastern Region had the highest percentage (18.3 %) followed by the Northern Region with 10.6 percent while the Central Region reported the least (6.2 %). The remaining three (3) ownership categories were reported by under three (3) percent at national level.

The details are provided in Table(s) 5.32 (a) and 5.32 (b), Figure 5.32 as well as Annex 5.32.

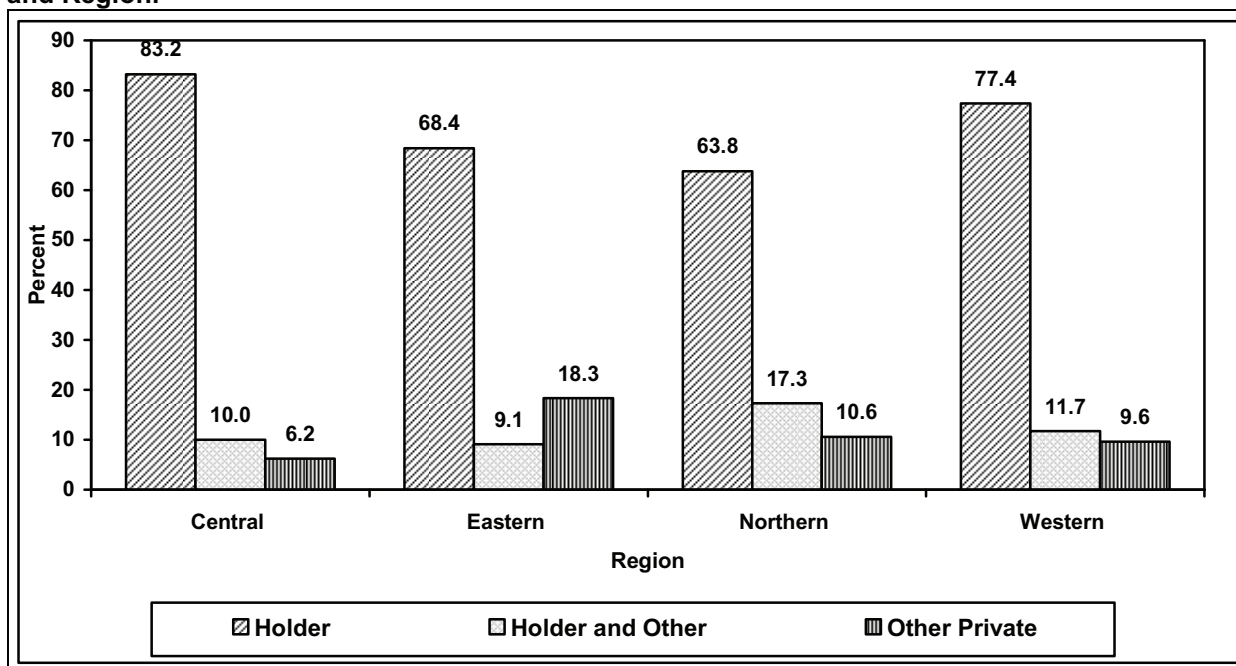
**Table 5.32 (a): Number of Ag HHs that reported ownership of Spades by Category and Region.**

Region	Ag HHs that reported Ownership of Spades	Ag HHs that reported ownership of Spades by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	140,174	116,692	14,032	8,642	551		257
Eastern	130,070	89,019	11,869	23,768	325	356	4,733
Northern	60,107	38,334	10,412	6,354	382	141	4,484
Western	202,747	156,981	23,715	19,457	705	1,331	558
<b>Uganda</b>	<b>533,099</b>	<b>401,027</b>	<b>60,028</b>	<b>58,221</b>	<b>1,963</b>	<b>1,827</b>	<b>10,033</b>

**Table 5.32 (b): Percentage Distribution of Ag HHs that reported ownership of Spades by Category and Region.**

Region	Percentage of Ag HHs that reported use of Spades, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	83.2	10.0	6.2	0.4	0.0	0.2	100
Eastern	68.4	9.1	18.3	0.2	0.3	3.6	100
Northern	63.8	17.3	10.6	0.6	0.2	7.5	100
Western	77.4	11.7	9.6	0.3	0.7	0.3	100
<b>Uganda</b>	<b>75.2</b>	<b>11.3</b>	<b>10.9</b>	<b>0.4</b>	<b>0.3</b>	<b>1.9</b>	<b>100</b>

**Figure 5.32: Percentage Distribution of Ag HHs that reported ownership of Spades by Category and Region.**



### xxxiii) Fork Hoes

Out of the 3.6 million Ag HHs that responded, 215,000 (6.0 %) reported Fork Hoes' ownership by *Holder*. The lowest ownership was by *Cooperative* which was under a percent.

The within region analysis revealed that the Eastern Region had the highest percentage (82.2 %) of its Ag HHs that reported ownership of Fork Hoes by *Holder* followed by the Western Region with 79.9 percent while the Northern Region had the least (65.9 %). Regarding the ownership by *Holder and Other*, the Northern Region (24.1 %) reported the highest percentage followed the Central Region with 13.5 percent while the Eastern Region with 6.7 percent reported the lowest percentage. In the case of the ownership by *Other Private*, the Central Region had the highest percentage (8.5 %) followed by the Eastern Region with 7.8 percent while the Northern Region reported the least (5.8 %). The remaining three (3) ownership categories were reported by under a percent at national level.

The details are provided in Table(s) 5.33 (a) and 5.33 (b), Figure 5.33 as well as Annex 5.33.

**Table 5.33 (a): Number of Ag HHs that reported ownership of Fork Hoes by Category and Region.**

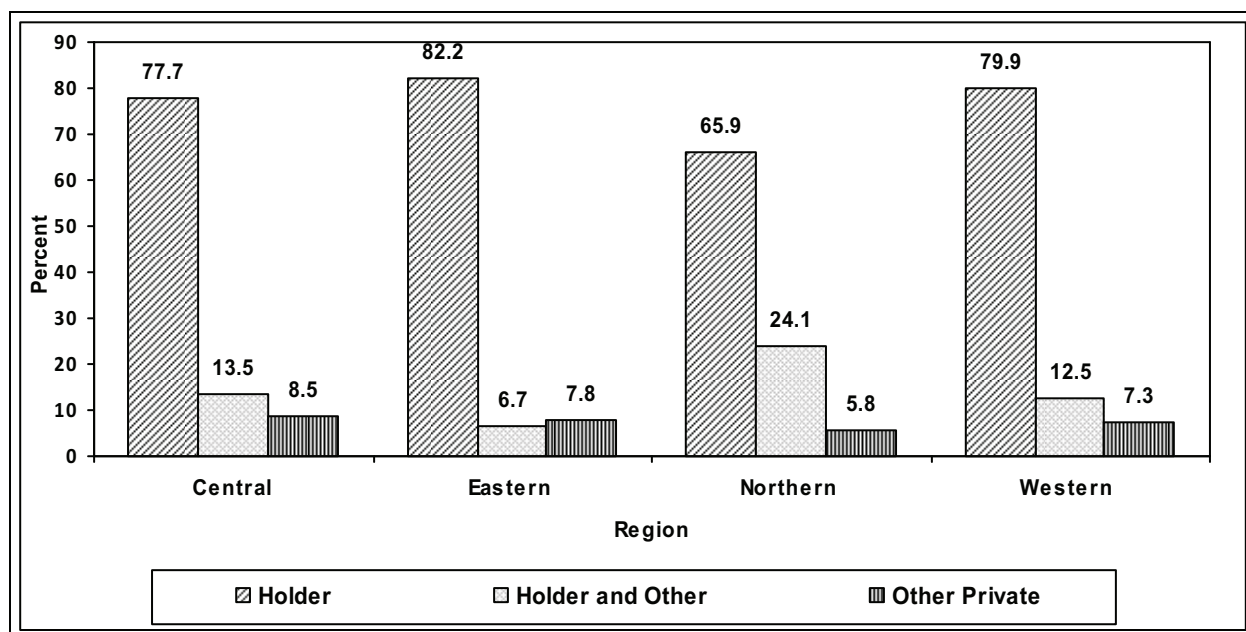
Region	Ag HHs that reported Ownership of Fork Hoes	Ag HHs that reported ownership of Fork Hoes by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	61,074	47,464	8,258	5,173	146		33
Eastern	21,918	18,021	1,464	1,701			732
Northern	20,463	13,492	4,934	1,197		124	716
Western	169,719	135,547	21,148	12,454	487		83
<b>Uganda</b>	<b>273,174</b>	<b>214,525</b>	<b>35,803</b>	<b>20,525</b>	<b>633</b>	<b>124</b>	<b>1,564</b>

**Table 5.33 (b): Percentage Distribution of Ag HHs that reported ownership of Fork Hoes by Category and Region.**

Region	Percentage of Ag HHs that reported use of Fork Hoes, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	77.7	13.5	8.5	0.2	0.0	0.1	100
Eastern	82.2	6.7	7.8	0.0	0.0	3.3	100
Northern	65.9	24.1	5.8	0.0	0.6	3.5	100
Western	79.9	12.5	7.3	0.3	0.0	0.0	100
<b>Uganda</b>	<b>78.5</b>	<b>13.1</b>	<b>7.5</b>	<b>0.2</b>	<b>0.0</b>	<b>0.6</b>	<b>100</b>



**Figure 5.33: Percentage Distribution of Ag HHs that reported ownership of Fork Hoes by Category and Region.**



#### xxxiv) Tractor

Results showed that for each of Holder, Holder and Other, Other private, Government, Cooperative, and NGO, the percentage of Ag HHs that reported use and ownership of Tractors, was under a percent.

Out of the 3.6 million Ag HHs that responded, 19,400 (0.5 %) reported tractor ownership by *Other Private*. All the remaining categories of ownership recorded less than 0.5 percent of the Ag HHs each.

The within region analysis revealed that the Eastern Region had the highest percentage (92.2 %) of its Ag HHs that reported ownership of tractors by *Other Private* followed by the Western Region with 75.0 percent while the Northern Region had the least (23.7 %). Regarding the ownership by *Holder and Other*, the Northern Region (34.7 %) reported the highest percentage followed the Central Region with 12.0 percent while the Western Region reported nothing in this category.

The details are provided in Table(s) 5.34 (a) and 5.34 (b), Figure 5.34 as well as Annex 5.34.

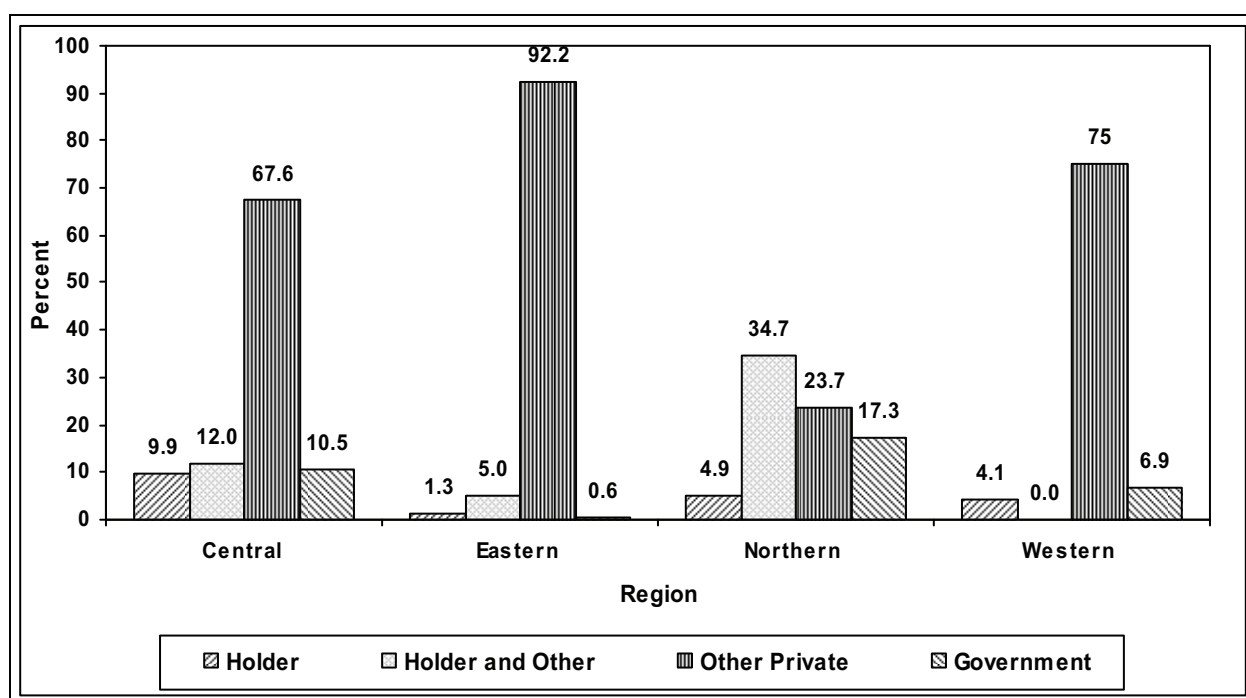
**Table 5.34 (a): Number of Ag HHs that reported ownership of Tractor by Category and Region.**

Region	Ag HHs that reported Ownership of Tractor	Ag HHs that reported ownership of Tractor by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	2,753	273	330	1,862	288		
Eastern	9,824	130	493	9,061	62		78
Northern	2,523	124	875	597	436	447	44
Western	10,565	433		7,929	726	550	927
<b>Uganda</b>	<b>25,666</b>	960	1,699	19,449	1,513	997	1,048

**Table 5.34 (b): Percentage Distribution of Ag HHs that reported ownership of Tractor by Category and Region.**

Region	Percentage of Ag HHs that reported use of Tractor, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	9.9	12.0	67.6	10.5	0.0	0.0	100
Eastern	1.3	5.0	92.2	0.6	0.0	0.8	100
Northern	4.9	34.7	23.7	17.3	17.7	1.7	100
Western	4.1	0.0	75.0	6.9	5.2	8.8	100
<b>Uganda</b>	<b>3.7</b>	<b>6.6</b>	<b>75.8</b>	<b>5.9</b>	<b>3.9</b>	<b>4.1</b>	<b>100</b>

**Figure 5.34: Percentage Distribution of Ag HHs that reported ownership of Tractor by Category and Region.**



### xxxv) Ploughs

UCA results indicated that for each of Holder, Holder and Other, Other private, Government, Cooperative, and, NGO, the percentage of Ag HHs that reported use and ownership of Ploughs, was 1.8 percent.

Out of the 3.6 million Ag HHs that responded, 26,357 (0.7 %) reported ploughs ownership by Holder.

The within region analysis revealed that the Northern Region had the highest percentage (56.8 %) of its Ag HHs that reported ownership of Ploughs by *Holder* followed by the Eastern Region with 34.8 percent while the Western Region had the least (10.1 %). Regarding the ownership by *Other Private*, the Western Region (87.3 %) reported the highest percentage followed the Central Region with 71.3 percent while the Northern Region with 15.2 percent reported the lowest percentage.

The details are provided in Table(s) 5.35 (a) and 5.35 (b), Figure 5.35 as well as Annex 5.35.

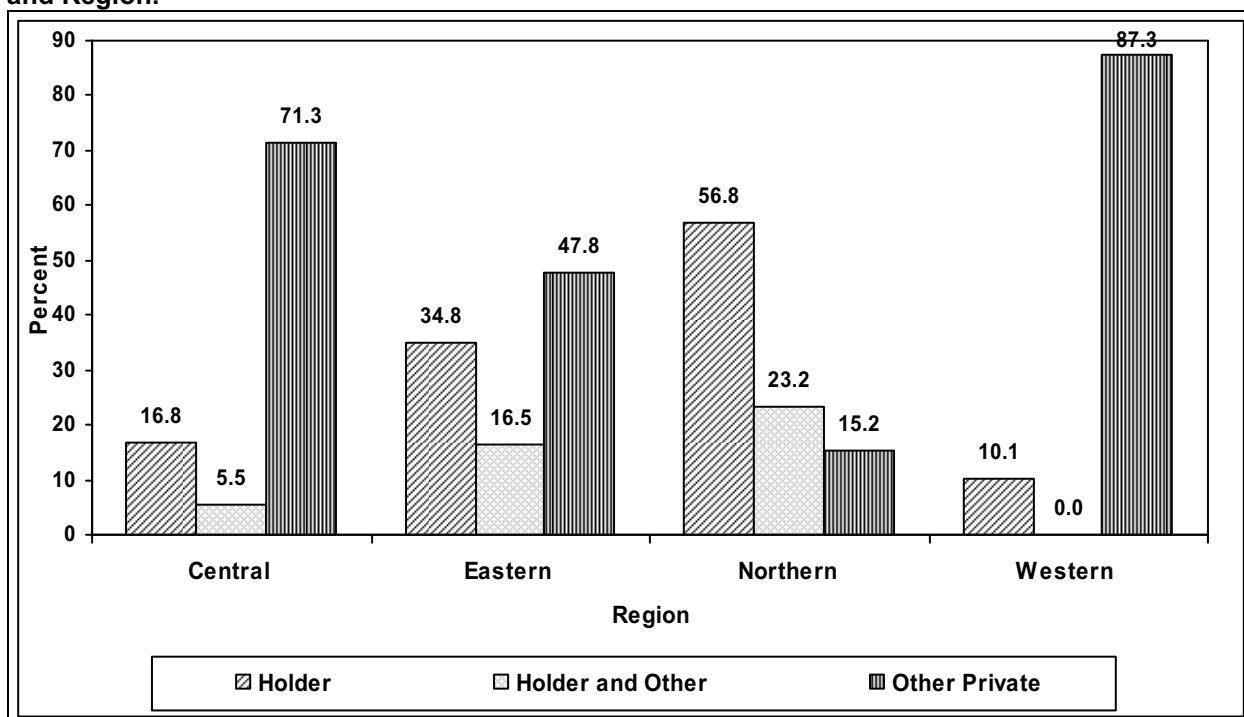
**Table 5.35 (a): Number of Ag HHs that reported ownership of Ploughs by Category and Region.**

Region	Ag HHs that reported Ownership of Ploughs	Ag HHs that reported ownership of Ploughs by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	1,995	335	110	1422	128		
Eastern	36,048	12,550	5,962	17213			323
Northern	23,228	13,199	5,387	3528		550	564
Western	2,694	273		2353			68
<b>Uganda</b>	<b>63,965</b>	<b>26,357</b>	<b>11,459</b>	<b>24,516</b>	<b>128</b>	<b>550</b>	<b>955</b>

**Table 5.35 (b): Percentage Distribution of Ag HHs that reported ownership of Ploughs by Category and Region.**

Region	Percentage of Ag HHs that reported use of Ploughs, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	16.8	5.5	71.3	6.4	0.0	0.0	100
Eastern	34.8	16.5	47.8	0.0	0.0	0.9	100
Northern	56.8	23.2	15.2	0.0	2.4	2.4	100
Western	10.1	0.0	87.3	0.0	0.0	2.5	100
<b>Uganda</b>	<b>41.2</b>	<b>17.9</b>	<b>38.3</b>	<b>0.2</b>	<b>0.9</b>	<b>1.5</b>	<b>100</b>

**Figure 5.35: Percentage Distribution of Ag HHs that reported ownership of Ploughs by Category and Region.**



**xxxvi) Ox-Plough**

Out of the 3.6 million Ag HHs that responded, 180,709 (5.1 %) reported Ox-ploughs ownership by Holder.

The within region analysis revealed that the Western Region had the highest percentage (64.5 %) of its Ag HHs that reported ownership of Ox-Ploughs by *Holder* followed by the Northern Region with 55.8 percent while the Eastern Region had the least (41.9 %). Regarding the ownership by *Other Private*, the Central Region (50.9 %) reported the highest percentage followed the Eastern Region with 45.6 percent while the Northern Region with 20.2 percent reported the lowest percentage.

The details are provided in Table(s) 5.36 (a) and 5.36 (b), Figure 5.36 as well as Annex 5.36.

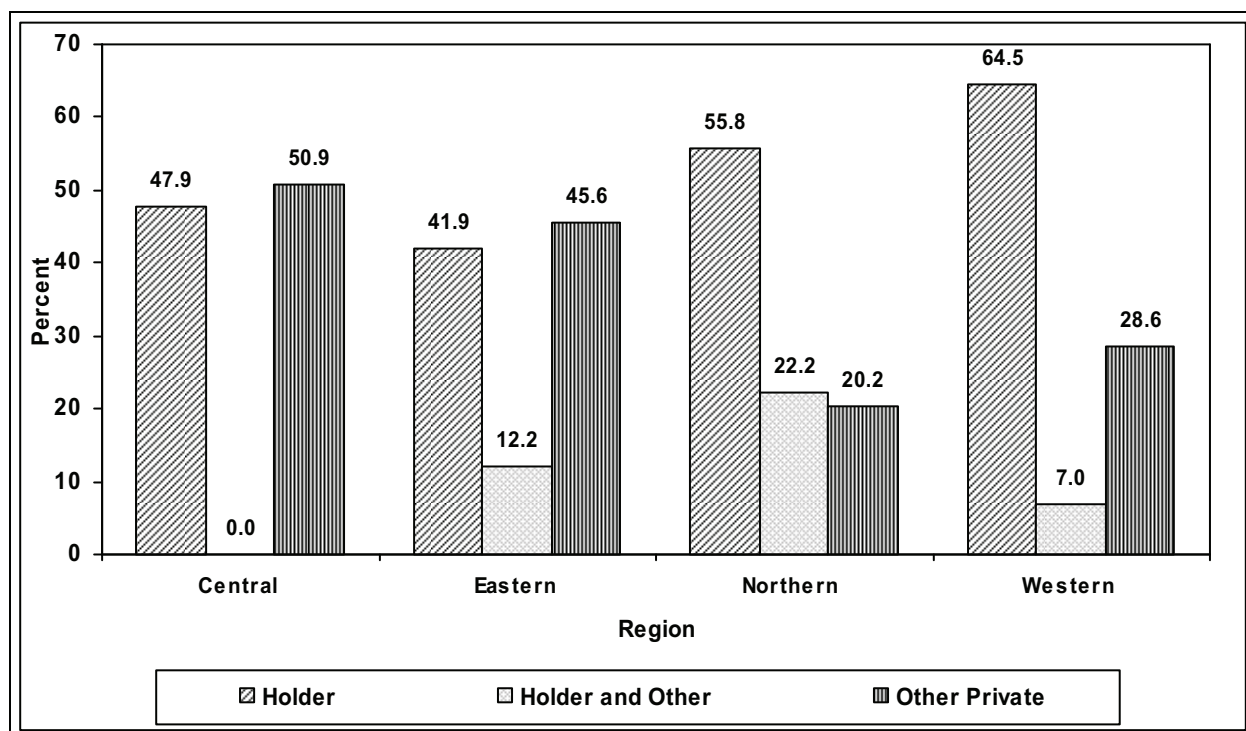
**Table 5.36 (a): Number of Ag HHs that reported ownership of Ox-Ploughs by Category and Region.**

Region	Ag HHs that reported Ownership of Ox-Ploughs	Ag HHs that reported ownership of Ox-Ploughs by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	3,437	1645		1,749	43		
Eastern	262,437	110,080	32,079	119,614	279		385
Northern	118,746	66225	26,392	24,013	508	408	1200
Western	4,280	2759	298	1,223			
<b>Uganda</b>	<b>388,899</b>	<b>180709</b>	<b>58769</b>	<b>146599</b>	<b>830</b>	<b>408</b>	<b>1584</b>

**Table 5.36 (b): Percentage Distribution of Ag HHs that reported ownership of Ox-Ploughs by Category and Region.**

Region	Percentage of Ag HHs that reported use of Ox-Ploughs, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	47.9	0.0	50.9	1.3	0.0	0.0	100
Eastern	41.9	12.2	45.6	0.1	0.0	0.1	100
Northern	55.8	22.2	20.2	0.4	0.3	1.0	100
Western	64.5	7.0	28.6	0.0	0.0	0.0	100
<b>Uganda</b>	<b>46.5</b>	<b>15.1</b>	<b>37.7</b>	<b>0.2</b>	<b>0.1</b>	<b>0.4</b>	<b>100</b>

**Figure 5.36: Percentage Distribution of Ag HHs that reported ownership of Ox-Ploughs by Category and Region.**



### xxxvii) Trailer

Census results showed that for each of Holder, Holder and Other, and Other private, the percentage of Ag HHs that reported use and ownership of Trailers, was under a percent. Further, the results showed that there were no Ag HHs that reported use of Trailers owned by, Government, Cooperative, and, NGO,

Out of the 3.6 million Ag HHs that responded, 1,978 (0.1 %) reported trailers ownership by *Other Private*.

The within region analysis revealed that the Central Region had the highest percentage (100 %) of its Ag HHs that reported ownership of trailers by *Other Private* followed by the Eastern Region with 75.4 percent while the other regions reported nothing. Regarding the ownership by *Holder*, the Western Region (100 %) reported the highest percentage followed the Eastern Region with 22.3 percent while the other regions did not report anything.

The details are provided in Table(s) 5.37 (a) and 5.37 (b), Figure 5.37 as well as Annex 5.37

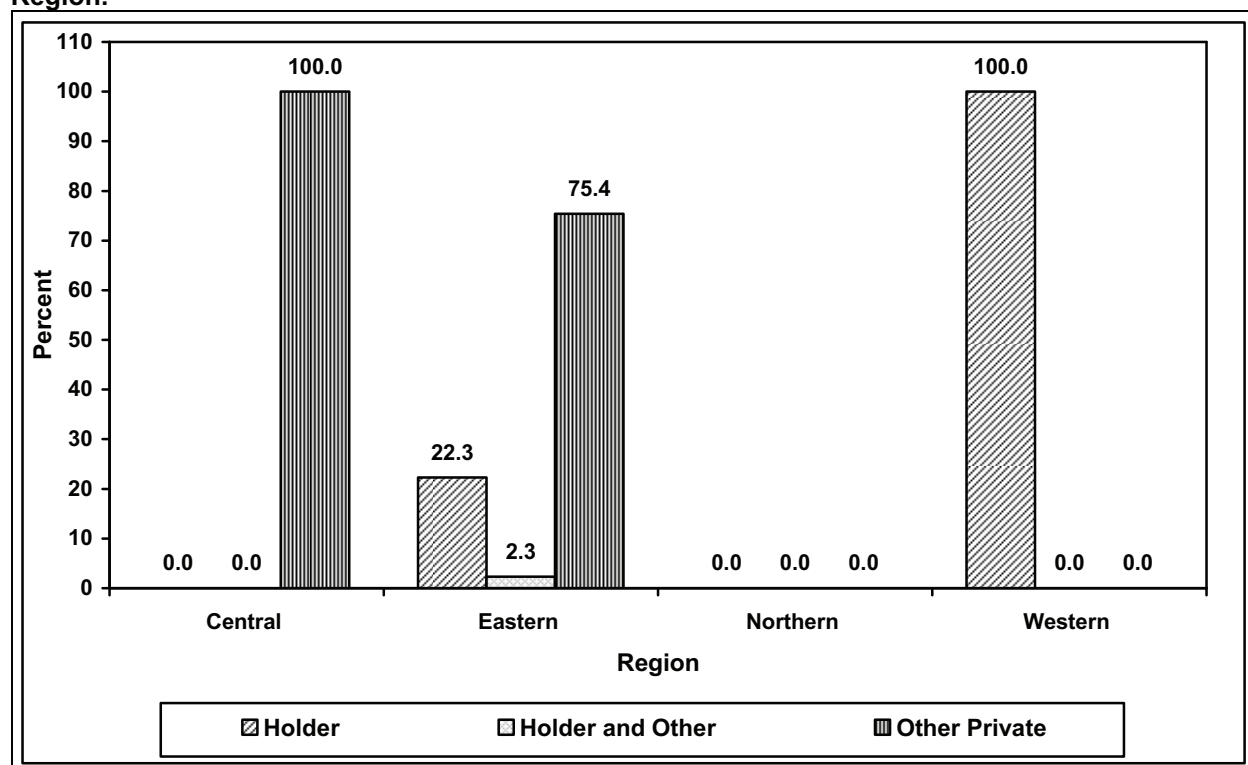
**Table 5.37 (a): Number of Ag HHs that reported ownership of Trailer by Category and Region.**

Region	Ag HHs that reported Ownership of Trailer	Ag HHs that reported ownership of Trailer by:					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Central	160			160			
Eastern	2,412	537	56	1819			
Northern	0						
Western	580	580					
<b>Uganda</b>	<b>3,151</b>	<b>1117</b>	<b>56</b>	<b>1,978</b>			

**Table 5.37 (b): Percentage Distribution of Ag HHs that reported ownership of Trailer by Category and Region.**

Region	Percentage of Ag HHs that reported use of Trailer, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	0.0	0.0	100.0	0.0	0.0	0.0	100
Eastern	22.3	2.3	75.4	0.0	0.0	0.0	100
Northern	0.0	0.0	0.0	0.0	0.0	0.0	100
Western	100.0	0.0	0.0	0.0	0.0	0.0	100
<b>Uganda</b>	<b>35.4</b>	<b>1.8</b>	<b>62.8</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>

**Figure 5.37: Percentage Distribution of Ag HHs that reported ownership of Trailer by Category and Region.**



**xxxviii) Harrow/Cultivator:**

The UCA results indicated that for each of Holder, Holder and Other, and Other private, the percentage of Ag HHs that reported use and ownership of Harrows/Cultivators, was under one. In addition, the results showed that there were no Ag HHs that reported ownership of this equipment by, Government, Cooperative, and, NGO,

Out of the 3.6 million Ag HHs that responded, 3,400 (0.1 %) reported Harrows/Cultivators ownership by Holder.

The within region analysis revealed that the Northern Region had the highest percentage (89.3 %) of its Ag HHs that reported ownership of Harrows/Cultivators by *Holder* followed by the Central Region with 61.4 percent while the other Regions did not report anything. Regarding the ownership by *Other Private*, the Western Region (100%) reported the highest percentage followed the Central Region with 38.6 percent while the Eastern Region did not register any percentage.

The details are provided in Table(s) 5.38 (a) and 5.38 (b), Figure 5.38 as well as Annex 5.38.

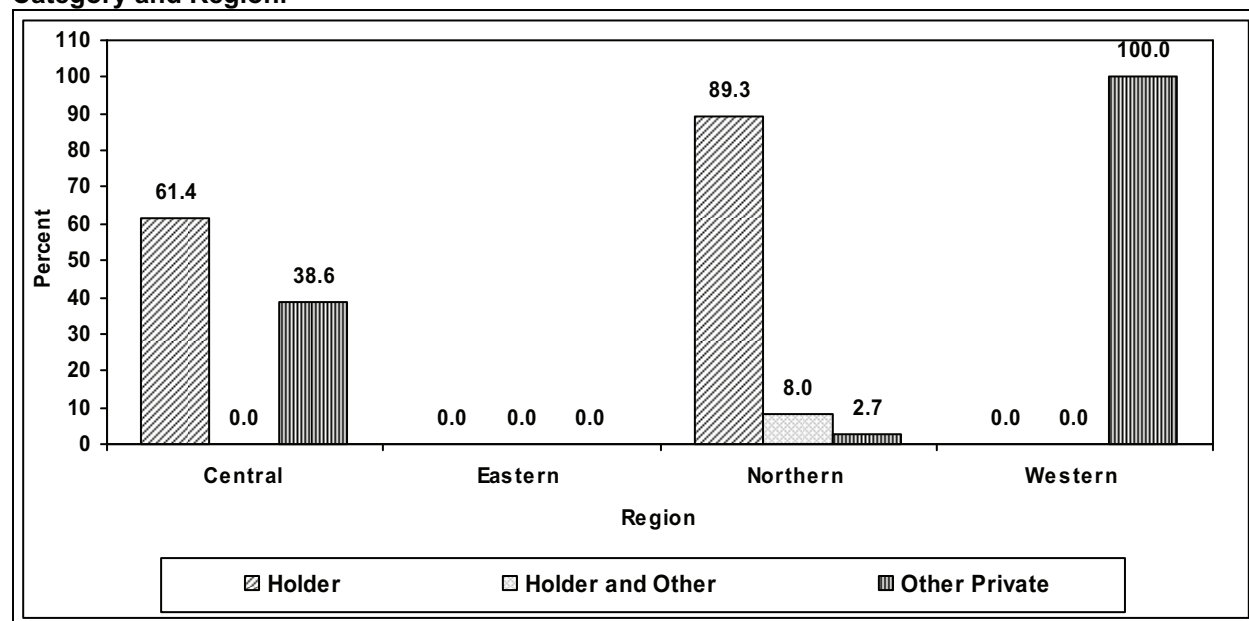
**Table 5.38 (a): Number of Ag HHs that reported ownership of Harrow/Cultivator by Category and Region.**

Region	Ag HHs that reported Ownership of Harrow/Cultivator	Ag HHs that reported ownership of Harrow/Cultivator by:			
		Holder	Holder and Other	Private	Government Cooperative NGO
Central	438	269		169	
Eastern	0				
Northern	3,514	3138	280	96	
Western	173			173	
<b>Uganda</b>	<b>4,125</b>	<b>3,407</b>	<b>280</b>	<b>438</b>	

**Table 5.38 (b): Percentage Distribution of Ag HHs that reported ownership of Harrow/Cultivator by Category and Region.**

Region	Percentage of Ag HHs that reported use of Harrow/Cultivator, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	61.4	0.0	38.6	0.0	0.0	0.0	100
Eastern	0.0	0.0	0.0	0.0	0.0	0.0	100
Northern	89.3	8.0	2.7	0.0	0.0	0.0	100
Western	0.0	0.0	100.0	0.0	0.0	0.0	100
<b>Uganda</b>	<b>82.6</b>	<b>6.8</b>	<b>10.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>

**Figure 5.38: Percentage Distribution of Ag HHs that reported ownership of Harrow/Cultivator by Category and Region.**



### xxxix) Planters

The census results showed that for each of Holder, Holder and Other, Other private and Government the percentage of Ag HHs that reported use and ownership of Planters, was under one. Further, the results showed that there were no Ag HHs that reported ownership of this equipment by, Cooperative, and, NGO.

Out of the 3.6 million Ag HHs that responded, 3,334 (0.1 %) reported planters ownership by *Other private*.

The within region analysis revealed that the Eastern Region had the highest percentage (100 %) of its Ag HHs that reported ownership of planters by *Other Private* followed by the Western Region with 57.2 percent while the Northern Region had the least (11.6 %). Regarding the ownership by *Holder and Other*, the Northern Region (40.1 %) reported the highest percentage followed the Western Region with 33.4 percent while other regions did not register any percentage.

The details are provided in Table(s) 5.39 (a) and 5.39 (b), Figure 5.39 as well as Annex 5.39.

**Table 5.39 (a): Number of Ag HHs that reported ownership of Planters by Category and Region.**

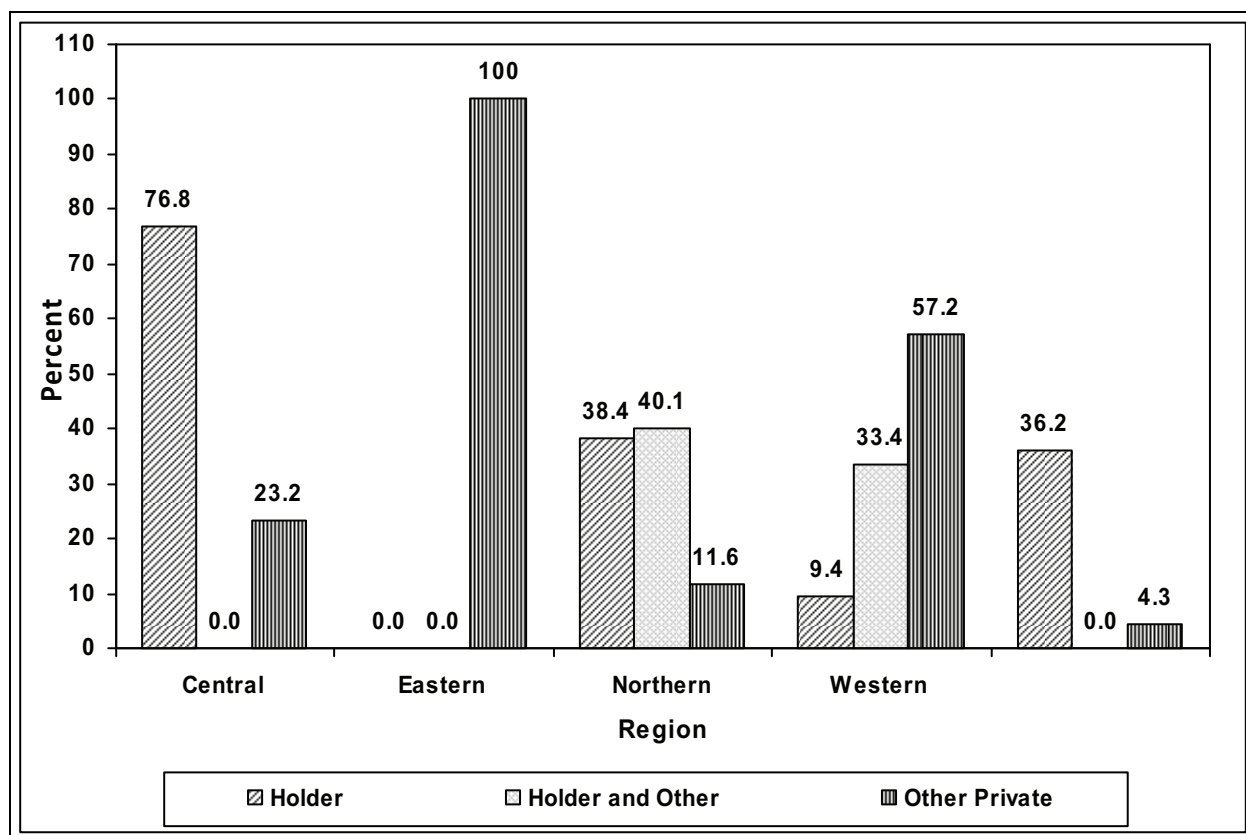
Region	Ag HHs that reported Ownership of Planters	Ag HHs that reported ownership of Planters by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	616	473		143			
Eastern	133			133			
Northern	907	348	364	105	90		
Western	5,166	485	1728	2953			
<b>Uganda</b>	<b>6,822</b>	<b>1,306</b>	<b>2,092</b>	<b>3,334</b>	<b>90</b>		

**Table 5.39 (b): Percentage Distribution of Ag HHs that reported ownership of Planters by Category and Region.**

Region	Percentage of Ag HHs that reported use of Planters, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	76.8	0.0	23.2	0.0	0.0	0.0	100
Eastern	0.0	0.0	100.0	0.0	0.0	0.0	100
Northern	38.4	40.1	11.6	9.9	0.0	0.0	100
Western	9.4	33.4	57.2	0.0	0.0	0.0	100
<b>Uganda</b>	<b>19.1</b>	<b>30.7</b>	<b>48.9</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>100</b>



**Figure 5.39: Percentage Distribution of Ag HHs that reported Ownership of Planters by Category and Region.**



#### xl) Sprayer

Out of the 3.6 million Ag HHs that responded, 214,000 (6.0 %) reported Sprayers ownership by *Holder*. The lowest ownership was by NGO which was under a percent.

The within region analysis revealed that the Central Region had the highest percentage (66.1 %) of its Ag HHs that reported ownership of Sprayers by *Holder* followed by the Western Region with 57.8 percent while the Eastern Region had the least (43.2 %). Regarding the ownership by *Other Private*, the Eastern Region (49.2 %) reported the highest percentage followed the Northern Region with 36.8 percent while the Western Region with 23.8 percent reported the lowest percentage.

The details are provided in Table(s) 5.40 (a) and 5.40 (b), Figure 5.40 as well as Annex 5.40.

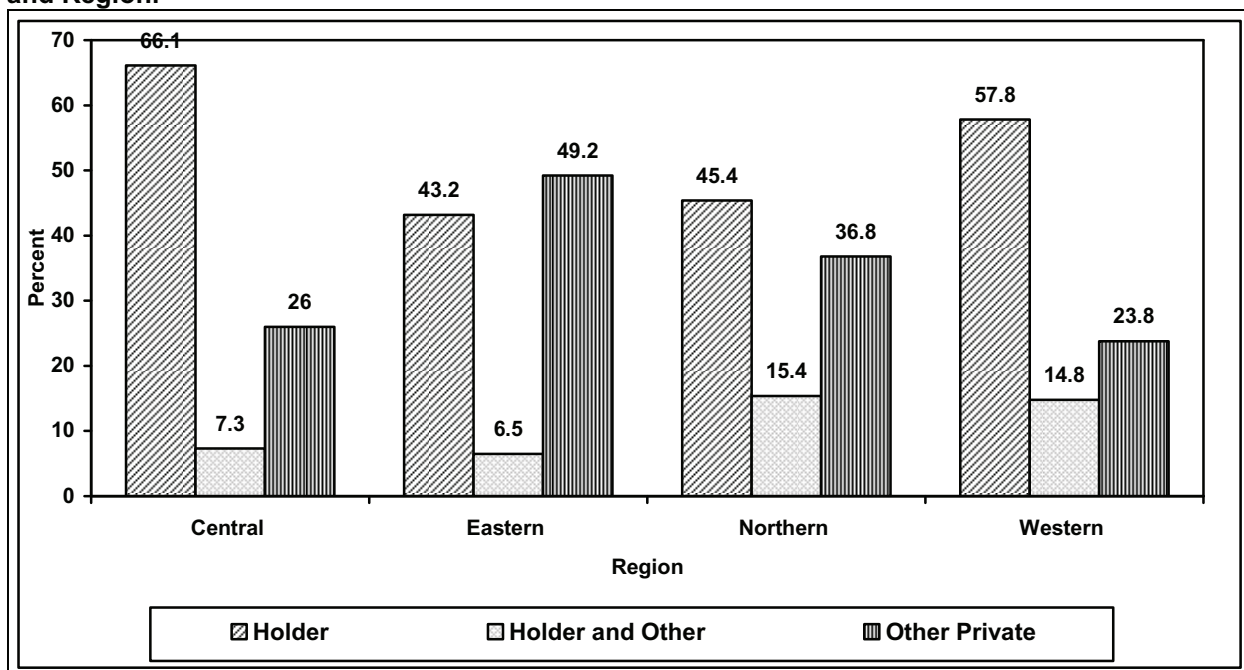
**Table 5.40 (a): Number of Ag HHs that reported ownership of Sprayer by Category and Region.**

Region	Ag HHs that reported Ownership of Sprayer	Ag HHs that reported ownership of Sprayer by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	118,364	78,229	8,626	30,773	303	433	
Eastern	153,728	66,386	10,011	75,705	1,298		328
Northern	25,259	11,477	3,886	9,289	128	335	144
Western	99,529	57,571	14,742	23,673	1,556	1,194	793
<b>Uganda</b>	<b>396,881</b>	<b>213,664</b>	<b>37,265</b>	<b>139,440</b>	<b>3,285</b>	<b>1,962</b>	<b>1,265</b>

**Table 5.40 (b): Percentage Distribution of Ag HHs that reported ownership of Sprayer by Category and Region.**

Region	Percentage of Ag HHs that reported use of Sprayer, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	66.1	7.3	26.0	0.3	0.4	0.0	100
Eastern	43.2	6.5	49.2	0.8	0.0	0.2	100
Northern	45.4	15.4	36.8	0.5	1.3	0.6	100
Western	57.8	14.8	23.8	1.6	1.2	0.8	100
<b>Uganda</b>	<b>53.8</b>	<b>9.4</b>	<b>35.1</b>	<b>0.8</b>	<b>0.5</b>	<b>0.3</b>	<b>100</b>

**Figure 5.40: Percentage Distribution of Ag HHs that reported ownership of Sprayer by Category and Region.**



#### xli) Pail

Out of the 3.6 million Ag HHs that responded, 147,000 (4.1 %) reported Pails ownership by Holder. There were no Ag HHs that reported ownership by Government and Cooperative.

The within region analysis revealed that the Central Region had the highest percentage (96.4 %) of its Ag HHs that reported ownership of Pails by *Holder* followed by the Western Region with 95.9 percent while the Northern Region had the least (83.3 %). Regarding the ownership by *Holder and Other*, the Northern Region (13.2 %) reported the highest percentage followed the Western Region with 3.8 percent while the Central Region with 2.7 percent reported the lowest percentage. No Ag HH reported ownership of pails used by Government and Cooperatives.

The details are provided in Table(s) 5.41 (a) and 5.41 (b), Figure 5.41 as well as Annex 5.41.

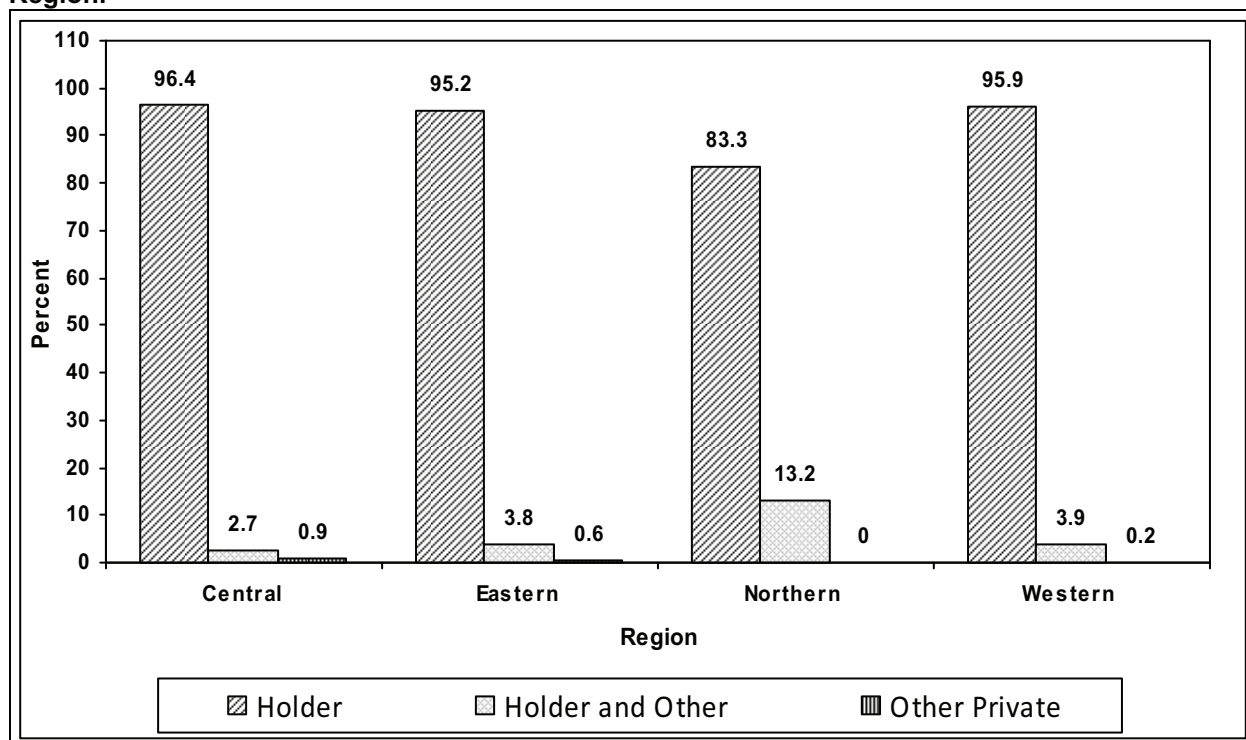
**Table 5.41 (a): Number of Ag HHs that reported ownership of Pail by Category and Region.**

Region	Ag HHs that reported Ownership of Pail	Ag HHs that reported ownership of Pail by:				
		Holder	Holder and Other	Other Private	Government	Cooperative
Central	31,492	30,356	848	288		
Eastern	53,351	50,774	2,046	304		227
Northern	6,447	5,372	851			224
Western	63,314	60,711	2,447	156		
<b>Uganda</b>	<b>154,603</b>	<b>147,213</b>	<b>6,191</b>	<b>748</b>		<b>451</b>

**Table 5.41 (b): Percentage Distribution of Ag HHs that reported ownership of Pail by Category and Region.**

Region	Percentage of Ag HHs that reported use of Pail, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	96.4	2.7	0.9	0.0	0.0	0.0	100
Eastern	95.2	3.8	0.6	0.0	0.0	0.4	100
Northern	83.3	13.2	0.0	0.0	0.0	3.5	100
Western	95.9	3.9	0.2	0.0	0.0	0.0	100
<b>Uganda</b>	<b>95.2</b>	<b>4.0</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.3</b>	<b>100</b>

**Figure 5.41: Percentage Distribution of Ag HHs that reported ownership of Pail by Category and Region.**



**xlii) Milk Cans.**

Out of the 3.6 million Ag HHs that responded, 74,000 Ag HHs (2.1 %) reported Milk Cans ownership by Holder. The lowest ownership was by Cooperative which was under a percent.

The within region analysis revealed that over 90 percent of Ag HHs that reported use of milk cans in each of the regions indicated that the Milk Cans were owned by Holder. Regarding the ownership by Holder and Other, the Northern Region (6.0 %) reported the highest percentage followed the Western Region with 5.0 percent while the Eastern Region with 4.0 percent reported the lowest percentage. The remaining ownership categories were reported by less than a percent.

The details are provided in Table(s) 5.42 (a) and 5.42 (b), Figure 5.42 as well as Annex 5.42.

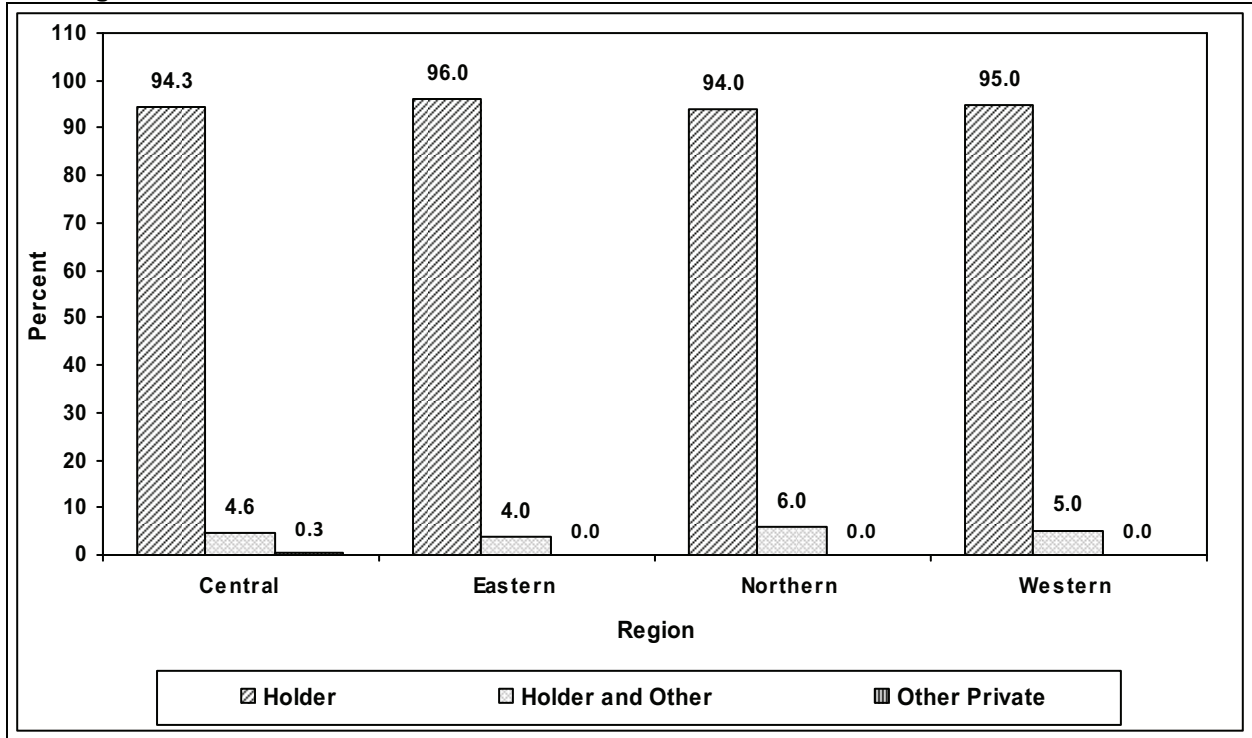
**Table 5.42 (a): Number of Ag HHs that reported ownership of Milk Cans by Category and Region.**

Region	Ag HHs that reported Ownership of Milk Cans	Ag HHs that reported ownership of Milk Cans by:					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Central	19,032	17,951	873	55	108	45	
Eastern	25,909	24,862	1047				
Northern	3,266	3,070	196				
Western	29,766	28,271	1495				
<b>Uganda</b>	<b>77,973</b>	<b>74,154</b>	<b>3,611</b>	<b>55</b>	<b>108</b>	<b>45</b>	

**Table 5.42 (b): Percentage Distribution of Ag HHs that reported ownership of Milk Cans by Category and Region.**

Region	Percentage of Ag HHs that reported use of Milk Cans, by ownership by :						Total
	Holder	Holder and Other	Other Private	Government	Cooperative	NGO	
Central	94.3	4.6	0.3	0.6	0.2	0.0	100
Eastern	96.0	4.0	0.0	0.0	0.0	0.0	100
Northern	94.0	6.0	0.0	0.0	0.0	0.0	100
Western	95.0	5.0	0.0	0.0	0.0	0.0	100
<b>Uganda</b>	<b>95.1</b>	<b>4.6</b>	<b>0.1</b>	<b>0.1</b>	<b>0.1</b>	<b>0.0</b>	<b>100</b>

**Figure 5.42: Percentage Distribution of Ag HHs that reported ownership of Milk Cans by Category and Region.**



## 5.2.2 Other non-labour Inputs

### Use of inputs by type of agricultural input

#### 5.2.2.1 Ag HHs that reported use of inputs by type of agricultural input and Region

*Local Seeds* were the most widely used inputs in the country with 3.3 million (91.7 %) out of the 3.6 million Ag HHs that responded. This was followed by *Improved/Hybrid Seeds* with 1.1 million Ag HHs (31.1 %), *Veterinary Drugs* with 1.0 million Ag HHs (29.2 %) and then *Organic Fertilisers* with 873,000 Ag HHs (24.4 %).

The Eastern Region had the highest percentage of Ag HHs that used *Improved/Hybrid Seeds* (42.7 %), *Inorganic fertiliser* (37.4 %), *Fungicides* (39.5 %), *Pesticides* (45.4 %), *Commercially Prepared Animal Feeds* (35.2 %) and *Veterinary Drugs* (37.0 %). The Western Region had the highest percentage of Ag HHs that used *Local seeds* (29.8 %) and *Organic Fertilisers* (39.6 %) while the Central Region had the highest percentage of Ag HHs that used *Herbicides* (42.3 %) and *Artificial Insemination* (32.2 %).

It is worth noting that the Northern Region reported the least use of all inputs apart from *Local Seeds* and *Improved/Hybrid Seeds*.

The details are provided in Table 5.43.

**Table 5.43: Percentage of Ag HHs that reported use of inputs by type of agricultural input by Region**

Agricultural Input	% of Ag HHs by Input by Region				Total	
	Central	Eastern	Northern	Western	%	Number
Local seeds	19.5	29.0	21.7	29.8	100	3,276,737
Improved hybrid seeds	19.7	42.7	21.0	16.6	100	1,111,909
Organic Fertiliser	26.7	26.1	7.6	39.6	100	872,521
Inorganic Fertiliser	28	37.4	10.6	24.0	100	285,845
Herbicides	42.3	29.4	7.3	21.0	100	338,973
Fungicides	20.5	39.5	8.2	31.8	100	208,018
Pesticides	18.7	45.4	11.4	24.6	100	630,704
Other pesticides	17.3	45.7	15.4	21.5	100	243,613
Commercially prepared animal feed	31.9	35.2	9.7	23.2	100	124,802
Veterinary Drugs	19.9	37.0	16.8	26.3	100	1,043,214
Artificial Insemination	32.2	23.1	16.7	28.1	100	65,223

### 5.2.2.2 Ag HHs that reported use of *Local Seeds* by Main Supply Source

Out of the 3.3 million Ag HHs that reported use of *Local Seed* 2.6 million (79.6) percent reported *Own* as the *Main Supply Source*. The other common *Main Supply Source* of this type of seeds, was *Markets*, reported by 627,000 (19.4 %) of the Ag HHs that used this input.

The within region analysis revealed that the Eastern Region with 85.9 percent of its Ag HHs having reported *Own* as their *Main Supply Source* of *Local Seeds* used had the highest closely followed by the Central Region with 82.7 percent while the Northern Region had the least percentage (70.4). Regarding *Markets* as the *Main Supply Source* of *Local Seeds*, the Northern Region had the highest percentage (28.6 %), followed by the Western Region with 21.0 while the Eastern Region reported the least percentage (13.4 %). Further, it was observed that the combined remaining four (4) supply sources (i.e. *Cooperatives*, *Government*, *NGOs*, and *Others*) were reported by less than a percent at national level.

The details are provided in Tables 5.44 (a) and 5.44 (b), while district-level data is provided in Annex 5.44.

**Table 5.44 (a): Number of Ag HHs that reported use of *Local Seeds* by Main Supply Source by Region**

Region	Ag HHs that reported use of <i>Local Seeds</i>	Number of Ag HHs that reported use of <i>Local Seeds</i> by Main Supply Source					
		Own	Markets	Co-operatives	Gov't	NGOs	others
Central	629,186	520,431	99,657	990	2,850	114	5,144
Eastern	936,133	804,052	125,052	564	2,785	753	2,927
Northern	699,374	492,315	199,726	916	1,872	3,122	1,423
Western	968,042	757,314	202,990	970	837	174	5,757
<b>Uganda</b>	<b>3,232,735</b>	<b>2,574,112</b>	<b>627,425</b>	<b>3,441</b>	<b>8,345</b>	<b>4,162</b>	<b>15,251</b>

**Table 5.44 (b): Percentage Distribution of Ag HHs that reported use of Local Seeds by Main supply source by Region**

Region	% of Ag HHs that reported use of by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	82.7	15.8	0.2	0.5	0.0	0.8	100
Eastern	85.9	13.4	0.1	0.3	0.1	0.3	100
Northern	70.4	28.6	0.1	0.3	0.4	0.2	100
Western	78.2	21.0	0.1	0.1	0.0	0.6	100
<b>Uganda</b>	<b>79.6</b>	<b>19.4</b>	<b>0.1</b>	<b>0.3</b>	<b>0.1</b>	<b>0.5</b>	<b>100</b>

### 5.2.2.3 Ag HHs that reported use of Improved/hybrid seeds by Main Supply Source

Out of the 1.1 million Ag HHs that reported use of *Improved/hybrid seeds* 818,000 (74.4 %) reported *Markets* as the *Main Supply Source*. The other *Main Supply Source* was *Own*, reported by 53,000 Ag HHs (4.8 %).

The within region analysis revealed that the Western Region with 6.2 percent of its Ag HHs having reported *Own* as their *Main Supply Source* of *Improved/Hybrid Seeds* used, had the highest closely followed by the Eastern Region with 5.8 percent while the Northern Region had the least percentage (2.6 %). Regarding *Markets* as the *Main Supply Source* of *Improved/Hybrid Seeds*, the Eastern Region had the highest percentage (79.9 %), closely followed by the Central Region with 76.6 while the Northern Region reported the least percentage (62.6 %). In the case of the remaining four (4) *Main Supply Sources*, the highest was reported as follows: *Cooperatives* (4.3 %) by the Central Region; *Government* (11.8 %) and *NGOs* (16.9 %) by the Northern Region, and *Others* (4.2 %) by the Western Region. On the other hand, the least was reported as follows: *Cooperatives* (2.0 %), *Government* (3.9 %), and *Others* (3.1 %) all by the Northern Region and *NGOs* (5.1 %) by the Central Region.

The details are provided in Tables 5.45 (a) and 5.45 (b), while district-level data is provided in Annex 5.45.

**Table 5.45a: Number of Ag HHs that reported use of Improved/Hybrid Seeds by Main Supply Source by Region**

Region	Ag HHs that reported use of Improved/Hybrid Seeds	Number of Ag HHs that reported use of Improved/Hybrid Seeds by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	215,714	7,761	165,157	9,209	15,385	10,959	7,243
Eastern	468,286	27,378	374,110	9,184	18,106	24,791	14,717
Northern	232,099	6,093	145,327	6,844	27,431	39,139	7,265
Western	183,761	11,413	133,493	6,947	9,142	15,080	7,686
<b>Uganda</b>	<b>1,099,860</b>	<b>52,646</b>	<b>818,086</b>	<b>32,183</b>	<b>70,064</b>	<b>89,969</b>	<b>36,911</b>

**Table 5.45b: Percentage Distribution of Ag HHs that reported use of Improved/hybrid seeds by Main supply source by Region**

Region	% of Ag HHs that reported use of Improved/Hybrid Seeds by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	3.6	76.6	4.3	7.1	5.1	3.4	100
Eastern	5.8	79.9	2.0	3.9	5.3	3.1	100
Northern	2.6	62.6	2.9	11.8	16.9	3.1	100
Western	6.2	72.6	3.8	5.0	8.2	4.2	100
<b>Uganda</b>	<b>4.8</b>	<b>74.4</b>	<b>2.9</b>	<b>6.4</b>	<b>8.2</b>	<b>3.4</b>	<b>100</b>

#### 5.2.2.4 Ag HHs that reported use of Organic Fertilisers by Main supply source by Region

Out of the 863,000 Ag HHs that reported use of *Organic Fertilisers* 710,000 (82.3 %) percent reported *Own* as the *Main supply source*. The other common *Main supply source* of *Organic Fertilisers*, was *Markets*, reported by 100,000 (11.6 %) of the Ag HHs that used this input.

The within region analysis revealed that the Western Region with 88.5 percent of its Ag HHs having reported *Own* as their *Main supply source* of *Organic Fertilisers* used, had the highest closely followed by the Central Region with 83.8 percent while the Northern Region had the least percentage (70.7 %). Regarding *Markets* as the *Main supply source* of *Organic Fertilisers*, the Eastern Region had the highest percentage (19.5 %), followed by the Central Region with 11.9 while the Northern Region reported the least percentage (10.1 %). In the case of the remaining four (4) *Main supply sources*, the highest was reported as follows: *Cooperatives* (7.7 %), *Government* ((2.8 %) and *NGOs* (7.3 %) all the three by the Northern Region; and, *Others* (1.7 %) by the Central Region. On the other hand, the least percentage was reported as follows: *Cooperatives* (0.8 %), *Government* ((0.5 %) both by the Western Region, *NGOs* (0.4 %) and *Others* (1.1 %) by the Central and Eastern Regions respectively..

The details are provided in Tables 5.46 (a) and 5.46 (b), while district-level data is provided in Annex 5.46.

**Table 5.46a: Number of Ag HHs that reported use of Organic Fertilisers by Main supply source**

Region	Ag HHs that reported use of Organic Fertilisers	Number of Ag HHs that reported use of Organic Fertilisers by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	229,621	192,419	27,214	2,647	2,555	807	3,979
Eastern	225,337	168,672	43,929	3,208	3,548	3,489	2,491
Northern	65,795	46,498	6,674	5,035	1,866	4,812	910
Western	342,140	302,656	22,276	2,714	1,876	7,576	5,042
<b>Uganda</b>	<b>862,893</b>	<b>710,244</b>	<b>100,093</b>	<b>13,604</b>	<b>9,844</b>	<b>16,686</b>	<b>12,423</b>



**Table 5.46b: Percentage Distribution of Ag HHs that reported use of Organic Fertilisers by Main supply source**

Region	% of Ag HHs that reported use of Organic Fertilisers by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	83.8	11.9	1.2	1.1	0.4	1.7	100
Eastern	74.9	19.5	1.4	1.6	1.5	1.1	100
Northern	70.7	10.1	7.7	2.8	7.3	1.4	100
Western	88.5	6.5	0.8	0.5	2.2	1.5	100
<b>Uganda</b>	<b>82.3</b>	<b>11.6</b>	<b>1.6</b>	<b>1.1</b>	<b>1.9</b>	<b>1.4</b>	<b>100</b>

#### 5.2.2.5 Ag HHs that reported use of Inorganic Fertilisers by Main Supply Source

Out of the 186,000 Ag HHs that reported use of *In-organic Fertilisers* 123,000 (66.2 %) percent reported *Markets* as the *Main supply source*. The other *Main supply source* of *Inorganic Fertilisers*, was *NGOs* reported by 24,000 (12.9 %) of the Ag HHs that used this input.

The within region analysis revealed that the Central Region with 82.4 percent of its Ag HHs having reported *Market* as their *Main supply source* of *Organic Fertilisers* used, had the highest followed by the Eastern Region with 76.6 percent while the Northern Region had the least percentage (41.4 %). Regarding *Co-operatives* as the *Main supply source* of *Inorganic Fertilisers*, the Northern Region had the highest percentage (18.9 %), followed by the Western Region with 15.8 percent while the Central Region reported the least percentage (2.6 %). In the case of the remaining three (3) *Main supply sources*, the highest percentage was reported as follows: *Government* (7.4 %) and *Others* (9.2 %) by the Eastern Region, and *NGOs* (31.8 %) by the Western Region. On the other hand, the least percentage was reported as follows: *NGOs* (2.8 %) by the Central Region, *Government* (2.9 %) by the Western Region; and *Others* (2.5 %) by the Northern Region.

The details are provided in Tables 5.47 (a) and 5.47 (b), while district-level data is provided in Annex 5.47.

**Table 5.47a: Number of Ag HHs that reported use of Inorganic Fertilisers by Main supply source**

Region	Ag HHs that reported use of Inorganic Fertilisers	Number of Ag HHs that reported use of Inorganic Fertilisers by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	45,270	0	37,310	1,199	2,670	1,245	2,846
Eastern	74,949	0	57,442	2,991	5,512	2,124	6,880
Northern	19,819	0	8,214	3,750	1,397	5,963	495
Western	46,203	0	20,326	7,308	1,361	14,685	2,523
<b>Uganda</b>	<b>186,241</b>	<b>0</b>	<b>123,292</b>	<b>15,248</b>	<b>10,940</b>	<b>24,017</b>	<b>12,744</b>

**Table 5.47b: Percentage Distribution of Ag HHs that reported use of Inorganic Fertiliser by main supply source**

Region	% of Ag HHs that reported use of Inorganic Fertilisers by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	0.0	82.4	2.6	5.9	2.8	6.3	100
Eastern	0.0	76.6	4.0	7.4	2.8	9.2	100
Northern	0.0	41.4	18.9	7.0	30.1	2.5	100
Western	0.0	44.0	15.8	2.9	31.8	5.5	100
<b>Uganda</b>	<b>0.0</b>	<b>66.2</b>	<b>8.2</b>	<b>5.9</b>	<b>12.9</b>	<b>6.8</b>	<b>100</b>

### 5.2.2.6 Ag HHs that reported use of Herbicides by Main Supply Source

Out of the 317,000 Ag HHs that reported use of Herbicides 274,000 (86.4 %) percent reported Markets as the Main supply source. The other Main supply source of Herbicides, was NGOs reported by 14,000 (4.3 %) of the Ag HHs that used this input.

The within region analysis revealed that the Central Region with 91.5 percent of its Ag HHs having reported Markets as their Main supply source of Herbicides used, had the highest closely followed by the Eastern Region with 89.6 percent while the Northern Region had the least percentage (66.3 %). Regarding Cooperatives as the Main supply source of Herbicides, the Northern Region had the highest percentage (8.5 %), followed by the Western Region with 7.7 percent while the Central Region reported the least percentage (1.4 %). In the case of the remaining three (3) Main supply sources, the highest percentage was reported as follows: Government (6.4 %), NGOs (15.6 %) and Others (3.3 %) by the Northern Region. On the other hand the least percentage was reported as follows: Government (1.0 %) by the Central Region, NGOs (1.2 %) and Others (2.8 %) by the Eastern Region.

The details are provided in Tables 5.48 (a) and 5.48 (b), while district-level data is provided in Annex 5.48.

**Table 5.48a: Number of Ag HHs that reported use of Herbicides by Main Supply Source**

Region	Ag HHs that reported use of Herbicides	Number of Ag HHs that reported use of Herbicides by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	135,001	0	123,586	1,887	1,366	3,796	4,366
Eastern	94,214	0	84,423	2,844	3,153	1,160	2,634
Northern	23,067	0	15,292	1,952	1,476	3,587	760
Western	64,788	0	50,610	4,968	2,015	5,222	1,973
<b>Uganda</b>	<b>317,070</b>	<b>0</b>	<b>273,911</b>	<b>11,651</b>	<b>8,010</b>	<b>13,765</b>	<b>9,733</b>

**Table 5.48b: Percentage Distribution of Ag HHs that reported use of Herbicides by Main Supply Source**

Region	% of Ag HHs that reported use of Herbicides by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	0.0	91.5	1.4	1.0	2.8	3.2	100
Eastern	0.0	89.6	3.0	3.3	1.2	2.8	100
Northern	0.0	66.3	8.5	6.4	15.6	3.3	100
Western	0.0	78.1	7.7	3.1	8.1	3.0	100
<b>Uganda</b>	<b>0.0</b>	<b>86.4</b>	<b>3.7</b>	<b>2.5</b>	<b>4.3</b>	<b>3.1</b>	<b>100</b>

### 5.2.2.7 Ag HHs that reported use of Fungicides by Main Supply Source

Out of the 196,000 Ag HHs that reported use of *Fungicides* 162,000 (82.9 %) percent reported *Markets* as the *Main supply source*. The other *Main supply source* of *Fungicide*, was *Others* reported by nearly 13,000 (6.5 %) of the Ag HHs that used this input.

The within region analysis revealed that the Eastern Region with 90.2 percent of its Ag HHs having reported *Markets* as their *Main supply source* of *Fungicides* used, had the highest followed by the Central Region with 85.7 percent while the Western Regions had the least percentage (73.1 %). Regarding *Cooperatives* as the *Main Supply Source of Fungicides*, the Western Region had the highest percentage (10.1 %), followed by the Northern Region with 7.0 percent while the Eastern Region reported the least percentage (0.7 %). In the case of the remaining three (3) *Main supply sources*, the highest percentage was reported as follows: *Government* (3.5 %) and *NGOs* (9.9 %) by the Northern Region, and *Others* (10.4 %) by the Western Region. On the other hand the least percentage was reported as follows: *Government* (1.5 %) by the Western Region, *NGOs* (0.1 %) by the Eastern Region and *Others* (1.4 %) both by the Northern Region.

The details are provided in Tables 5.49 (a) and 5.49 (b), while district-level data is provided in Annex 5.49.

**Table 5.49a: Number of Ag HHs that reported use of Fungicides by Main Supply Source**

Region	Ag HHs that reported use of Fungicides	Number of Ag HHs that reported use of Fungicides by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	39,507	0	33,841	1,701	1,245	1,400	1,320
Eastern	77,805	0	70,202	581	2,232	58	4,732
Northern	16,089	0	12,583	1,129	570	1,586	221
Western	62,157	0	45,421	6,305	924	3,043	6,464
<b>Uganda</b>	<b>195,558</b>	<b>0</b>	<b>162,047</b>	<b>9,716</b>	<b>4,971</b>	<b>6,087</b>	<b>12,737</b>

**Table 5.49b: Percentage Distribution of Ag HHs that reported use of Fungicides by Main Supply Source**

Region	% of Ag HHs that reported use of Fungicides by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	0.0	85.7	4.3	3.2	3.5	3.3	100
Eastern	0.0	90.2	0.7	2.9	0.1	6.1	100
Northern	0.0	78.2	7.0	3.5	9.9	1.4	100
Western	0.0	73.1	10.1	1.5	4.9	10.4	100
<b>Uganda</b>	<b>0.0</b>	<b>82.9</b>	<b>5.0</b>	<b>2.5</b>	<b>3.1</b>	<b>6.5</b>	<b>100</b>

### 5.2.2.8 Ag HHs that reported use of Pesticides by Main Supply Source

Out of the 595,000 Ag HHs that reported use of Pesticides 522,000 (87.8 %) percent reported *Markets* as the *Main supply source*. The other *Main supply source* of *Pesticides*, was *Others* reported by nearly 21,000 (3.6 %) of the Ag HHs that used this input.

The within region analysis revealed that the Eastern Region with 93.6 percent of its Ag HHs having reported *Markets* as their *Main supply source* of *Pesticides* used, had the highest followed by the Central Region with 88.1 percent while the Northern Regions had the least percentage (77.3 %). Regarding *Cooperatives* as the *Main supply source of Pesticides*, the Northern Region had the highest percentage (7.8 %), followed by the Western Region with 5.6 percent while the Eastern Region reported the least percentage (0.9 %). In the case of the remaining three (3) *Main supply sources*, the highest percentage was reported as follows: *Government* (6.1 %) and *NGOs* (7.7 %) by the Northern Region, and *Others* (5.8 %) by the Western Region. On the other hand the least percentage was reported as follows: *Government* (1.7 %) and *NGOs* (1.3 %) by the Eastern Region and *Others* (1.2 %) both by the Northern Region.

The details are provided in Tables 5.50 (a) and 5.50 (b), while district-level data is provided in Annex 5.50.

**Table 5.50a: Number of Ag HHs that reported use of Pesticides by Main Supply Source**

Region	Ag HHs that reported use of Pesticides	Number of Ag HHs that reported use of Pesticides by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	108,145	0	95,230	3,814	1,949	2,008	5,144
Eastern	271,091	0	253,782	2,449	4,656	3,478	6,726
Northern	68,733	0	53,111	5,348	4,166	5,265	843
Western	147,215	0	120,345	8,185	3,034	7,099	8,552
<b>Uganda</b>	<b>595,184</b>	<b>0</b>	<b>522,468</b>	<b>19,796</b>	<b>13,805</b>	<b>17,850</b>	<b>21,265</b>

**Table 5.50b: Percentage Distribution of Ag HHs that reported use of Pesticides by Main Supply Source**

Region	% of Ag HHs that reported use of Pesticides by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	0.0	88.1	3.5	1.8	1.9	4.8	100
Eastern	0.0	93.6	0.9	1.7	1.3	2.5	100
Northern	0.0	77.3	7.8	6.1	7.7	1.2	100
Western	0.0	81.7	5.6	2.1	4.8	5.8	100
<b>Uganda</b>	<b>0.0</b>	<b>87.8</b>	<b>3.3</b>	<b>2.3</b>	<b>3.0</b>	<b>3.6</b>	<b>100</b>

### 5.2.2.9 Ag HHs that reported use of Other Pesticides by Main Supply Source

Out of the 221,000 Ag HHs that reported use of Other Pesticides 190,000 (86.1 %) percent reported *Markets* as the *Main supply source*. The other *Main supply source* of *Other Pesticides*, was *Co-operatives* reported by nearly 11,000 (4.8 %) of the Ag HHs that used this input.

The within region analysis revealed that the Eastern Region with 93.1 percent of its Ag HHs having reported *Markets* as their *Main supply source* of *Other Pesticides* used, had the highest followed by the Central Region with 81.9 percent while the Western Regions had the least percentage (77.0 %). Regarding *Cooperatives* as the *Main supply source* of *Other Pesticides*, the Western Region had the highest percentage (12.1 %), followed by the Central Region with 7.6 percent while the Eastern Region reported the least percentage (0.4 %). In the case of the remaining three (3) *Main supply sources*, the highest percentage was reported as follows: *Government* (5.1 %) and *NGOs* (6.6 %) by the Northern Region and *Others* (5.2 %) by the Central Region. On the other hand the least percentage was reported as follows: *Government* (1.9 %) by the Central Region and *NGOs* (1.4 %) by the Eastern Region and *Others* (1.5 %) both by the Northern Region.

The details are provided in Tables 5.51 (a) and 5.51 (b), while district-level data is provided in Annex 5.51.

**Table 5.51a: Number of Ag HHs that reported use of Other Pesticides by Main Supply Source**

Region	Ag HHs that reported use of Other Pesticides	Number of Ag HHs that reported use of Other Pesticides by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	34,509	0	28,256	2,617	641	1,186	1,809
Eastern	106,346	0	98,978	444	2,438	1,515	2,971
Northern	34,336	0	27,785	2,035	1,761	2,250	505
Western	45,398	0	34,944	5,473	1,331	1,756	1,894
<b>Uganda</b>	<b>220,589</b>	<b>0</b>	<b>189,963</b>	<b>10,569</b>	<b>6,171</b>	<b>6,707</b>	<b>7,179</b>

**Table 5.51b: Percentage Distribution of Ag HHs that reported use of Other Pesticides by Main Supply Source**

Region	percent of Ag HHs that reported use of Other Pesticides by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	0.0	81.9	7.6	1.9	3.4	5.2	100
Eastern	0.0	93.1	0.4	2.3	1.4	2.8	100
Northern	0.0	80.9	5.9	5.1	6.6	1.5	100
Western	0.0	77.0	12.1	2.9	3.9	4.2	100
<b>Uganda</b>	<b>0.0</b>	<b>86.1</b>	<b>4.8</b>	<b>2.8</b>	<b>3.0</b>	<b>3.3</b>	<b>100</b>

### 5.2.2.9 Ag HHs that reported use of Commercially Prepared Animal Feed by Main Supply Source

Out of the 122,000 Ag HHs that reported use of *Commercially Prepared Animal Feed*, 86,000 (71.1 %) percent reported *Markets* as the *Main supply source*. The other *Main supply source* of *Commercially Prepared Animal Feed*, was *Own* reported by nearly 17,000 (13.7 %) of the Ag HHs that used this input.

The within region analysis revealed that the Eastern Region with 20.1 percent of its Ag HHs having reported *Own* as their *Main supply source* of *Commercially Prepared Animal Feed* used, had the highest closely followed by the Northern Region with 19.7 percent while the Western Region had the least percentage (4.9 %). Regarding *Markets* as the *Main supply source* of *Commercially Prepared Animal Feed*, the Western Region had the highest percentage (83.7 %), followed by the Central Region with 76.9 while the Northern Region reported the least percentage (48.3 %). In the case of the remaining four (4) *Main supply sources*, the highest was reported as follows: *Cooperatives* (15.0 %), *Government* ((10.8 %) and *NGOs* (5.3 %) all the three by the Northern Region; and, *Others* (5.5 %) by the Eastern Region. On the other hand the least percentage was reported as follows: *Cooperatives* (1.8 %) by the Eastern Region, *Government* (2.0 %) and *NGOs* (1.1 %) both by the Central Region, and, *Others* (0.8 %) by the Northern Region.

The details are provided in Tables 5.52 (a) and 5.52 (b), while district-level data is provided in Annex 5.52.

**Table 5.52a: Number of Ag HHs that reported use of Commercially Prepared Animal Feed by Main Supply Source**

Region	Ag HHs that reported use of commercially prepared animal feed	Number of Ag HHs that reported use of Commercially Prepared Animal Feed by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	38,530	4,365	29,629	2,070	758	439	1,269
Eastern	42,932	8,631	27,238	784	2,593	1,341	2,345
Northern	11,280	2,224	5,450	1,691	1,220	602	93
Western	28,879	1,410	24,181	1,112	1,150	603	423
<b>Uganda</b>	<b>121,621</b>	<b>16,630</b>	<b>86,498</b>	<b>5,657</b>	<b>5,721</b>	<b>2,985</b>	<b>4,130</b>

**Table 5.52b: Percentage Distribution of Ag HHs that reported use of Commercially Prepare Animal Feed by Main Supply Source**

Region	% of Ag HHs that reported use of Commercially Prepared Animal Feed by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	11.3	76.9	5.4	2.0	1.1	3.3	100
Eastern	20.1	63.4	1.8	6.0	3.1	5.5	100
Northern	19.7	48.3	15.0	10.8	5.3	0.8	100
Western	4.9	83.7	3.9	4.0	2.1	1.5	100
<b>Uganda</b>	<b>13.7</b>	<b>71.1</b>	<b>4.7</b>	<b>4.7</b>	<b>2.5</b>	<b>3.4</b>	<b>100</b>

### 5.2.2.11 Ag HHs that reported use of Veterinary Drugs by Main Supply Source

Out of the 943,000 Ag HHs that reported use of *Veterinary Drugs* 725,000 (76.9 %) percent reported *Markets* as the *Main supply source*. The other *Main supply source* of *Veterinary Drugs*, was *Government* reported by nearly 113,000 (11.9 %) of the Ag HHs that used this input.

The within region analysis revealed that the Western Region with 85.3 percent of its Ag HHs having reported *Markets* as their *Main supply source* of *Veterinary Drugs* used, had the highest followed by the Eastern Region with 80.5 percent while the Northern Regions had the least percentage (58.6 %). Regarding *Cooperatives* as the *Main supply source* of *Veterinary Drugs*, the Central Region had the highest percentage (5.2 %), followed by the Western Region with 2.9 percent while the Eastern Region reported the least percentage (1.2 %). In the case of the remaining three (3) *Main supply sources*, the highest percentage was reported as follows: *Government* (31.4 %) and *NGOs* (5.7 %) by the Northern Region and *Others* (6.8 %) by the Central Region. On the other hand the least percentage was reported as follows: *Government* (4.5 %) and *NGOs* (1.4 %) by the Western Region by the Eastern Region and *Others* (2.6 %) by the Northern Region.

The details are provided in Tables 5.53 (a) and 5.53 (b), while district-level data is provided in Annex 5.53.

**Table 5.53a: Number of Ag HHs that reported use of Veterinary Drugs by Main Supply Source**

Region	Ag HHs that reported use of Veterinary Drugs	Number of Ag HHs that reported use of Veterinary Drugs by Main Supply Source					
		Own	markets	Co-operatives	Gov't	NGOs	others
Central	190,913	0	141,621	9,857	16,790	9,754	12,891
Eastern	351,284	0	282,940	4,168	35,570	15,020	13,586
Northern	156,600	0	91,761	2,650	49,184	8,864	4,141
Western	244,556	0	208,664	4,939	11,101	3,454	16,398
<b>Uganda</b>	<b>943,353</b>	<b>0</b>	<b>724,986</b>	<b>21,614</b>	<b>112,645</b>	<b>37,092</b>	<b>47,016</b>

**Table 5.53b: Percentage Distribution of Ag HHs that reported use of Veterinary Drugs by Main Supply Source**

Region	% of Ag HHs that reported use of Veterinary Drugs by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	0.0	74.2	5.2	8.8	5.1	6.8	100
Eastern	0.0	80.5	1.2	10.1	4.3	3.9	100
Northern	0.0	58.6	1.7	31.4	5.7	2.6	100
Western	0.0	85.3	2.0	4.5	1.4	6.7	100
<b>Uganda</b>	<b>0.0</b>	<b>76.9</b>	<b>2.3</b>	<b>11.9</b>	<b>3.9</b>	<b>5.0</b>	<b>100</b>

### 5.2.2.12 Ag HHs that reported use of Artificial Insemination (AI) by Main Supply Source

Out of the 48,000 Ag HHs that reported use of *Artificial Insemination* 17,000 (35.6 %) percent reported *Markets* as the *Main Supply Source*. The other *Main Supply Source* of *Artificial Insemination*, was *Government* reported by 16,000 (33.5 %) of the Ag HHs that used this input.

The within region analysis revealed that the Western Region with 46.6 percent of its Ag HHs having reported *Markets* as their *Main Supply Source* of *Artificial Insemination* used, had the highest followed by the Central Region with 36.2 percent while the Northern Regions had the least percentage (17.2 %). Regarding *Cooperatives* as the *Main supply source* of *Artificial Insemination*, the Northern Region had the highest percentage (14.6 %), followed by the Western Region with 6.7 percent while the Central Region reported the least percentage (5.9 %). In the case of the remaining three (3) *Main supply sources*, the highest percentage was reported as follows: *Government* (46.1 %) by the Western Region, *NGOs* (56.7 %) by the Northern Region and *Others* (12.3 %) by the Central Region. On the other hand the least percentage was reported as follows: *Government* (11.4 %), *NGOs* and *Others* (each less than a %) by the Western and the Northern Regions respectively.

The details are provided in Tables 5.54 (a) and 5.54 (b), while district-level data is provided in Annex 5.54.

**Table 5.54a: Number of Ag HHs that reported use of Artificial Insemination by Main Supply Source by Region**

Region	Ag HHs that reported use of Artificial Insemination	Number of Ag HHs that reported use of Artificial Insemination by Main Supply Source					
		Own	Markets	Co-operatives	Gov't	NGOs	others
Central	13,937	0	5,039	823	5,045	1,312	1,718
Eastern	9,699	0	3,440	615	3,035	2,372	237
Northern	9,184	0	1,582	1,344	1,047	5,211	
Western	14,776	0	6,887	994	6,808		87
<b>Uganda</b>	<b>47,596</b>	<b>0</b>	<b>16,948</b>	<b>3,776</b>	<b>15,935</b>	<b>8,895</b>	<b>2,042</b>



**Table 5.54b: Percentage Distribution of Ag HHs that reported use of Artificial Insemination by Main Supply Source by Region**

Region	% of Ag HHs that reported use of Artificial Insemination by Main Supply Source						Total
	Own	Markets	Co-operatives	Gov't	NGOs	Others	
Central	0.0	36.2	5.9	36.2	9.4	12.3	100
Eastern	0.0	35.5	6.3	31.3	24.5	2.4	100
Northern	0.0	17.2	14.6	11.4	56.7	0.0	100
Western	0.0	46.6	6.7	46.1	0.0	0.6	100
<b>Uganda</b>	<b>0.0</b>	<b>35.6</b>	<b>7.9</b>	<b>33.5</b>	<b>18.7</b>	<b>4.3</b>	<b>100</b>

### Reason for Non-use of inputs by type of agricultural input

#### 5.2.2.13 Ag HHs that reported Non-use of Local Seeds by Reason

Out of the 178,000 Ag HHs that reported *Non Use of Local Seeds*, 82,000 (46.1 %) sighted *Could Not See Usefulness* as a *Reason for Non-use*, followed by *Not Available* by 48,000 (26.9 %) while the least percentage was stated as *No Knowledge* by 11,000 (6.4 %).

The within region analysis revealed that the Western Region with 17.2 percent of Ag HHs had the highest that sighted *No Knowledge* as *Reason for Non-use*, followed by the Northern Region (14.2 %) while the Eastern Region reported the least percentage (2.5 %). Regarding *Too Expensive*, as the *Reason for Non Use*, the Northern Region had the highest percentage (34.8 %), followed by the Central Region with 11.4 percent while the Eastern Region reported the least (4.9 %). In the case of *Not Available* as the *Reason for Non-use*, the Eastern Region had the highest percentage (33.2 %), followed by the Central Region with 24.4 percent while the Northern Region reported the least (14.4 %). The highest percentages for *Could Not See Usefulness* (50.2 %) and *Other* (21.3 %) were reported by the Eastern and Northern Regions respectively. On the other hand, the least percentages were reported by the Northern Region (15.4 %) and the Eastern Region (9.2 %).

The details are provided in Tables 5.55 (a) and 5.55 (b), while district-level data is provided in Annex 5.55.

**Table 5.55(a): Ag HHs that reported Non Use of Local Seeds by Reason for Non-use and Region**

Region	Ag HHs that reported Non-use	Ag HHs by Reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not see usefulness	Other
Central	45,794	1,992	5,204	11,183	22,019	5,396
Eastern	88,544	2,212	4,315	29,411	44,472	8,134
Northern	10,495	1,486	3,652	1,513	1,613	2,231
Western	33,282	5,740	3,289	5,842	13,931	4,480
<b>Uganda</b>	<b>178,115</b>	<b>11,430</b>	<b>16,460</b>	<b>47,949</b>	<b>82,035</b>	<b>20,241</b>

**Table 5.55 (b): Percentage Distribution of Ag HHs that reported Non-use of Local Seeds by Reason and Region**

Region	% of Ag HHs by Reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
Central	4.3	11.4	24.4	48.1	11.8	100
Eastern	2.5	4.9	33.2	50.2	9.2	100
Northern	14.2	34.8	14.4	15.4	21.3	100
Western	17.2	9.9	17.6	41.9	13.5	100
<b>Uganda</b>	<b>6.4</b>	<b>9.2</b>	<b>26.9</b>	<b>46.1</b>	<b>11.4</b>	<b>100</b>

#### 5.2.2.14 Ag HHs that reported Non-use of Improved/Hybrid Seeds by Reason

Out of the 2.1 million Ag HHs that reported *Non-use of Improved/Hybrid Seeds*, 1.3 million (59.5 %) sighted *Too Expensive* as a *Reason for Non-use*, followed by *No Knowledge* by 359,000 (16.8 %) while the least percentage was stated as *Other* by 31,000 (1.5 %).

The within region analysis revealed that the Western Region with 22.6 percent of Ag HHs had the highest that sighted *No Knowledge* as *Reason for Non-use*, followed by the Northern Region (19.7 %) while the Eastern Region reported the least percentage (10.2 %). Regarding *Too Expensive*, as the *Reason for Non Use*, the Eastern Region had the highest percentage (77.3 %), followed by the Central Region with 65.5 percent while the Western Region reported the least (47.1 %). In the case of *Not Available* as the *Reason for Non-use*, the Eastern Region had the highest percentage (21.5 %), followed by the Northern Region with 21.2 percent while the Eastern Region reported the least (7.8 %). The highest percentages for *Could Not See Usefulness* (8.9 %) and *Other* (2.0 %) were reported by the Central Region and Northern Regions respectively. On the other hand, the least percentages for *Could Not See Usefulness* (3.4 %) and *Other* (0.9 %) both were reported by the Northern Region.

The details are provided in Tables 5.56 (a) and 5.56 (b), while district-level data is provided in Annex 5.56.

**Table 5.56 (a): Ag HHs that reported Non-use of Improved/Hybrid Seeds by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by Reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other
Central	419,538	48,408	274,932	51,925	37,264	7,009
Eastern	520,136	53,198	401,863	40,527	19,824	4,724
Northern	408,257	80,306	222,773	87,657	13,846	3,675
Western	783,964	176,834	368,873	166,460	56,061	15,736
<b>Uganda</b>	<b>2,131,895</b>	<b>358,746</b>	<b>1,268,441</b>	<b>346,569</b>	<b>126,995</b>	<b>31,144</b>

**Table 5.56 (b): Percentage Distribution of Ag HHs that reported Non-use of Improved/Hybrid Seeds by reason**

Region	percent of Ag HHs by Reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
	11.5	65.5	12.4	8.9	1.7	
Central	10.2	77.3	7.8	3.8	0.9	100
Eastern	19.7	54.6	21.5	3.4	0.9	100
Northern	22.6	47.1	21.2	7.2	2.0	100
Western						100
<b>Uganda</b>	<b>16.8</b>	<b>59.5</b>	<b>16.3</b>	<b>6.0</b>	<b>1.5</b>	<b>100</b>

#### 5.2.2.15 Ag HHs that reported Non-use of Organic Fertiliser by Reason

Out of the 2.3 million Ag HHs that reported Non-use of Organic Fertilisers, 839,000 (33.5 %) sighted No Knowledge as a Reason for Non-use, followed by Too Expensive by 780,000 (16.8 %) while the least percentage was stated as Other by 28,000 (1.2 %).

The within region analysis revealed that the Northern Region with 39.1 percent of Ag HHs had the highest that sighted No Knowledge as Reason for Non-use, followed by the Eastern Region (38.1 %) while the central Region reported the least percentage (27.3 %). Regarding Too Expensive, as the Reason for Non Use, the Eastern Region had the highest percentage (36.9 %), followed by the Northern Region with 33.5 percent while the Western Region reported the least (29.8 %). In the case of Not Available as the Reason for Non-use, the Central Region had the highest percentage (26.0 %), followed by the Western Region with 22.2 percent while the Eastern Region reported the least (15.5 %). The highest percentages for both Could Not See Usefulness (10.4 %) and Other (1.3 %) were both reported by the Western Region. On the other hand, the least percentage for Could Not See Usefulness (7.8 %) was reported by the Northern Region while Other (1.1 %) was reported by each of the Northern and Eastern Regions.

The details are provided in Tables 5.57 (a) and 5.57 (b), while district-level data is provided in Annex 5.57.

**Table 5.57 (a): Ag HHs that reported Non-use of Organic Fertilisers by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other
Central	402,014	109,845	131,990	104,456	49,136	6,587
Eastern	752,535	286,745	277,615	116,856	63,366	7,953
Northern	546,827	213,998	183,038	100,930	42,920	5,941
Western	629,095	228,575	187,666	139,474	65,440	7,940
<b>Uganda</b>	<b>2,330,471</b>	<b>839,163</b>	<b>780,309</b>	<b>461,716</b>	<b>220,862</b>	<b>28,421</b>

**Table 5.57(b): Percentage Distribution of Ag HHs that reported Non-use of Organic Fertilisers by Reason and Region**

Region	% of Ag HHs by reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
Central	27.3	32.8	26.0	12.2	1.6	100
Eastern	38.1	36.9	15.5	8.4	1.1	100
Northern	39.1	33.5	18.5	7.8	1.1	100
Western	36.3	29.8	22.2	10.4	1.3	100
<b>Uganda</b>	<b>36.0</b>	<b>33.5</b>	<b>19.8</b>	<b>9.5</b>	<b>1.2</b>	<b>100</b>

### 5.2.2.16 Ag HHs that reported Non-use of Inorganic Fertilisers by Reason

Out of the 2.9 million Ag HHs that reported *Non-use of Inorganic Fertilisers*, 1.5 million (50.2 %) sighted *Too Expensive* as a *Reason for Non-use*, followed by *No Knowledge* by 723,000 (25.0 %) while the least percentage was stated as *Other* by 35,000 (1.2 %).

The within region analysis revealed that the Northern Region with 32.4 percent of Ag HHs had the highest that sighted *No Knowledge* as *Reason for Non-use*, followed by the Eastern Region (25.7 %) while the Central Region reported the least percentage (17.6 %). Regarding *Too Expensive*, as the *Reason for Non Use*, the Central Region had the highest percentage (57.4 %), followed by the Eastern Region with 54.7 percent while the Northern Region reported the least (41.0 %). In the case of *Not Available* as the *Reason for Non-use*, the Northern Region had the highest percentage (17.4 %), followed by the Western Region with 16.2 percent while the Central Region reported the least (11.0 %). The highest percentages for *Could Not See Usefulness* (12.7 %) and *Other* (1.8 %) were reported by the Central and the Northern Regions respectively. On the other hand, the least percentages for *Could Not See Usefulness* (7.1 %) and *Other* (0.8 %) both were reported by the Eastern Region.

The details are provided in Tables 5.58 (a) and 5.58 (b), while district-level data is provided in Annex 5.58.

**Table 5.58(a). Ag HHs that reported Non-use of Inorganic Fertilisers by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other
Central	546,556	96,172	313,542	59,857	69,291	7,694
Eastern	864,990	222,535	473,492	100,831	61,431	6,701
Northern	580,231	188,115	238,165	100,973	48,211	4,767
Western	900,003	216,859	425,706	145,874	95,504	16,060
<b>Uganda</b>	<b>2,891,780</b>	<b>723,681</b>	<b>1,450,905</b>	<b>407,535</b>	<b>274,437</b>	<b>35,222</b>

**Table 5.58 (b): Percentage Distribution of Ag HHs that reported Non-use of Inorganic Fertilisers by Reason and Region**

Region	% of Ag HHs by reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
Central	17.6	57.4	11.0	12.7	1.4	100
Eastern	25.7	54.7	11.7	7.1	0.8	100
Northern	32.4	41.0	17.4	8.3	0.8	100
Western	24.1	47.3	16.2	10.6	1.8	100
<b>Uganda</b>	<b>25.0</b>	<b>50.2</b>	<b>14.1</b>	<b>9.5</b>	<b>1.2</b>	<b>100</b>

### 5.2.2.17 Ag HHs that reported Non-use of Herbicides by Reason

Out of the 2.8 million Ag HHs that reported *Non-use of Herbicides*, 1.5 million (52.6 %) sighted *Too Expensive* as a *Reason for Non-use*, followed by *No Knowledge* by 623,000 (21.9 %) while the least percentage was stated as *Other* by 45,000 (1.6 %).

The within region analysis revealed that the Eastern Region with 24.8 percent of Ag HHs had the highest that sighted *No Knowledge* as *Reason for Non-use*, followed by the Northern Region (24.0 %) while the Central Region reported the least percentage (12.5 %). Regarding *Too Expensive*, as the *Reason for Non Use*, the Central Region had the highest percentage (61.8 %), followed by the Northern Region with 48.5 percent while the Western Region reported the least (47.0 %). In the case of *Not Available* as the *Reason for Non-use*, the Central Region had the highest percentage (18.4 %), followed by the Western Region with 12.6 percent while the Central Region reported the least (7.7 %). The highest percentages for *Could Not See Usefulness* (16.0 %) and *Other* (2.4 %) were reported by the Central and the Western Regions respectively. On the other hand, the least percentages for *Could Not See Usefulness* (8.3 %) and *Other* (0.9 %) were both reported by the Northern Region.

The details are provided in Tables 5.59 (a) and 5.59 (b), while district-level data is provided in Annex 5.59.

**Table 5.59(a): Ag HHs that reported Non-use of Herbicides by Reason**

Region	Ag HHs that reported Non-use	Ag HHs by Reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other
Central	490,991	61,195	303,244	37,592	78,683	10,277
Eastern	868,458	215,027	486,531	75,319	83,043	8,538
Northern	586,233	140,437	284,327	107,685	48,739	5,045
Western	895,307	205,992	420,755	112,939	134,073	21,548
<b>Uganda</b>	<b>2,840,989</b>	<b>622,651</b>	<b>1,494,857</b>	<b>333,535</b>	<b>344,538</b>	<b>45,408</b>

**Table 5.59(b): Percentage Distribution of Ag HHS that reported Non-use of Herbicides by Reason and Region**

Region	% of Ag HHS by reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
Central	12.5	61.8	7.7	16.0	2.1	100
Eastern	24.8	56.0	8.7	9.6	1.0	100
Northern	24.0	48.5	18.4	8.3	0.9	100
Western	23.0	47.0	12.6	15.0	2.4	100
<b>Uganda</b>	<b>21.9</b>	<b>52.6</b>	<b>11.7</b>	<b>12.1</b>	<b>1.6</b>	<b>100</b>

### 5.2.2.18 Ag HHS that reported Non use of Fungicides by Reason

Out of the 2.9 million Ag HHS that reported *Non-use* of *Fungicides*, 1.4 million (48.7 %) sighted *Too Expensive* as a *Reason for Non-use*, followed by *No Knowledge* by 668,000 (23.0 %) while the least percentage was stated as *Other* by 40,000 (1.4 %).

The within region analysis revealed that the Eastern Region with 24.6 percent of Ag HHS had the highest that sighted *No Knowledge* as *Reason for Non-use*, followed by the Western Region (24.1 %) while the Central Region reported the least percentage (19.3 %). Regarding *Too Expensive*, as the *Reason for Non Use*, the Eastern Region had the highest percentage (53.9 %), followed by the Central Region with 50.5 percent while the Western Region reported the least (43.3 %). In the case of *Not Available* as the *Reason for Non-use*, the Northern Region had the highest percentage (20.6 %), followed by the Western Region with 13.2 percent while the Central Region reported the least (7.3 %). The highest percentages for *Could Not See Usefulness* (21.6 %) and *Other* (2.0 %) were reported by the Central and the Western Regions respectively. On the other hand, the least percentages for *Could Not See Usefulness* (8.8 %) and *Other* (0.8 %) both were reported by the Northern Region.

The details are provided in Tables 5.60 (a) and 5.60 (b), while district-level data is provided in Annex 5.60.

**Table 5.60(a): Ag HHS that reported Non-use of Fungicides by Reason and Region**

Region	Ag HHS that reported Non-use	Ag HHS by Reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other
Central	570,794	109,951	288,265	41,859	123,424	7,295
Eastern	868,910	213,832	468,099	78,181	99,070	9,728
Northern	586,767	131,083	278,387	120,919	51,512	4,866
Western	885,726	213,606	383,372	117,143	153,838	17,767
<b>Uganda</b>	<b>2,912,197</b>	<b>668,472</b>	<b>1,418,123</b>	<b>358,102</b>	<b>427,844</b>	<b>39,656</b>

**Table 5.60(b): Percentage Distribution of Ag HHs that reported Non-use of Fungicides by Reason and Region**

Region	percent of Ag HHs by reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
Central	19.3	50.5	7.3	21.6	1.3	100
Eastern	24.6	53.9	9.0	11.4	1.1	100
Northern	22.3	47.4	20.6	8.8	0.8	100
Western	24.1	43.3	13.2	17.4	2.0	100
<b>Uganda</b>	<b>23.0</b>	<b>48.7</b>	<b>12.3</b>	<b>14.7</b>	<b>1.4</b>	<b>100</b>

### 5.2.2.19 Ag HHs that reported Non-use of Pesticides by Reason

Out of the 2.5 million Ag HHs that reported *Non-use of Pesticides*, 1.4 million (55.3 %) sighted *Too Expensive* as a Reason for *Non-use*, followed by *No Knowledge* by 468,000 (18.5 %) while the least percentage was stated as *Other* by 40,000 (1.6 %).

The within region analysis revealed that the Western Region with 21.4 percent of Ag HHs had the highest that sighted *No Knowledge* as Reason for *Non-use*, followed by the Northern Region (20.5 %) while the Central Region reported the least percentage (12.7 %). Regarding *Too Expensive*, as the Reason for *Non Use*, the Eastern Region had the highest percentage (62.6 %), followed by the Central Region with 60.6 percent while the Western Region reported the least (47.5 %). In the case of *Not Available* as the Reason for *Non-use*, the Northern Region had the highest percentage (18.9 %), followed by the Western Region with 13.2 percent while the Central Region reported the least (7.2 %). The highest percentages for *Could Not See Usefulness* (17.9 %) and *Other* (2.4 %) were reported by the Central and the Western Regions respectively. On the other hand, the least percentages for *Could Not See Usefulness* (7.4 %) and *Other* (0.9 %) both were reported by the Northern Region.

The details are provided in Tables 5.61 (a) and 5.61 (b), while district-level data is provided in Annex 5.61.

**Table 5.61(a): Ag HHs that reported Non-use of Pesticides by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by reason for Non-use				
		No knowledge	Too expensive	Not available	Could not see usefulness	Other
Central	506,173	64,168	306,879	36,522	90,674	7,930
Eastern	686,446	122,561	429,911	57,688	68,265	8,021
Northern	537,465	110,190	281,181	101,366	40,028	4,700
Western	800,386	171,547	380,493	105,567	123,538	19,241
<b>Uganda</b>	<b>2,530,470</b>	<b>468,466</b>	<b>1,398,464</b>	<b>301,143</b>	<b>322,505</b>	<b>39,892</b>

**Table 5.61(b): Percentage Distribution of Ag HHs that reported Non-use of Pesticides by Reason and Region**

Region	% of Ag HHs by reason for Non-use					Total
	No knowledge	Too expensive	Not available	Could not see usefulness	Other	
Central	12.7	60.6	7.2	17.9	1.6	100
Eastern	17.9	62.6	8.4	9.9	1.2	100
Northern	20.5	52.3	18.9	7.4	0.9	100
Western	21.4	47.5	13.2	15.4	2.4	100
<b>Uganda</b>	<b>18.5</b>	<b>55.3</b>	<b>11.9</b>	<b>12.7</b>	<b>1.6</b>	<b>100</b>

#### 5.2.2.20 Ag HHs that reported Non-use of Other Pesticides by Reason

Out of the 2.8 million Ag HHs that reported *Non-use of Other Pesticides*, 1.3 million (46.3 %) sighted *Too Expensive* as a Reason for *Non-use*, followed by *No Knowledge* by 648,000 (23.1 %) while the least percentage was stated as *Other* by 51,000 (1.8 %).

The within region analysis revealed that the Eastern Region with 25.9 percent of Ag HHs had the highest that sighted *No Knowledge* as Reason for *Non-use*, followed by the Western Region (24.1 %) while the Central Region reported the least percentage (18.0 %). Regarding *Too Expensive*, as the Reason for *Non Use*, the Central Region had the highest percentage (50.3 %), followed by the Eastern Region with 40.8 percent while the Western Region reported the least (39.7 %). In the case of *Not Available* as the Reason for *Non-use*, the Northern Region had the highest percentage (20.1 %), followed by the Western Region with 14.2 percent while the Central Region reported the least (8.1 %). The highest percentages for *Could Not See Usefulness* (21.8 %) and *Other* (2.6 %) were reported by the Central and the Western Regions respectively. On the other hand, the least percentages for *Could Not See Usefulness* (8.8 %) and *Other* (1.2 %) both were reported by the Northern Region.

The details are provided in Tables 5.62 (a) and 5.62 (b), while district-level data is provided in Annex 5.62.

**Table 5.62(a): Ag HHs that reported Non-use of Other Pesticides by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by Reason for Non-use				
		No knowledge	Too expensive	Not available	Could not see usefulness	Other
Central	546,985	98,209	275,361	44,517	119,164	9,734
Eastern	811,798	210,336	404,503	92,917	92,704	11,338
Northern	564,545	125,373	269,634	113,256	49,405	6,877
Western	889,162	214,547	352,968	126,462	172,417	22,768
<b>Uganda</b>	<b>2,812,490</b>	<b>648,465</b>	<b>1,302,466</b>	<b>377,152</b>	<b>433,690</b>	<b>50,717</b>



**Table 5.62 (b): Percentage Distribution of Ag HHs that reported Non-use of Other Pesticides by Reason and Region**

Region	percent of Ag HHs by Reason for Non-use					Total
	No knowledge	Too expensive	Not available	Could not see usefulness	Other	
Central	18.0	50.3	8.1	21.8	1.8	100
Eastern	25.9	49.8	11.4	11.4	1.4	100
Northern	22.2	47.8	20.1	8.8	1.2	100
Western	24.1	39.7	14.2	19.4	2.6	100
<b>Uganda</b>	<b>23.1</b>	<b>46.3</b>	<b>13.4</b>	<b>15.4</b>	<b>1.8</b>	<b>100</b>

**5.2.2.21 Ag HHs that reported Non-use of Commercially Prepared Animal Feeds by Reason**

Out of the 3.0 million Ag HHs that reported *Non-use* of Commercially Prepared Animal Feeds, 1.0 million (34.3 %) sighted *Too Expensive* as a Reason for Non-use, followed by *Could Not See Usefulness* by 758,000 (33.5 %) while the least percentage was stated as *Other* by 140,000 (7.5 %).

The within region analysis revealed that the Northern Region with 23.9 percent of Ag HHs had the highest that sighted *No Knowledge* as Reason for Non-use, followed by the Western Region (21.1 %) while the Central Region reported the least percentage (14.4 %). Regarding *Too Expensive*, as the Reason for Non Use, the Eastern Region had the highest percentage (41.4 %), followed by the Central Region with 34.3 percent while the Western Region reported the least (29.5 %). In the case of *Not Available* as the Reason for Non-use, the Northern Region had the highest percentage (22.6 %), followed by the Eastern Region with 14.3 percent while the Central Region reported the least (10.4 %). The highest percentages for *Could Not See Usefulness* (33.5 %) and *Other* (7.5 %) both were reported by the Central Region. On the other hand, the least percentages for *Could Not See Usefulness* (18.6 %) and *Other* (1.7 %) both were reported by the Northern Region.

The details are provided in Tables 5.63 (a) and 5.63 (b), while district-level data is provided in Annex 5.63.

**Table 5.63(a): Ag HHs that reported Non-use of Commercially Prepared Animal Feeds by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by reason for Non-use				
		No knowledge	Too expensive	Not available	Could not see usefulness	Other
Central	558,634	80,200	191,407	57,944	186,994	42,089
Eastern	900,754	181,752	373,256	128,603	194,343	22,800
Northern	587,760	140,723	194,789	132,929	109,223	10,096
Western	903,925	190,834	266,538	113,107	268,288	65,158
<b>Uganda</b>	<b>2,951,073</b>	<b>593,509</b>	<b>1,025,990</b>	<b>432,583</b>	<b>758,848</b>	<b>140,143</b>

**Table 5.63 (b): Percentage Distribution of Ag HHs that reported Non-use of Commercially Prepared Animal Feeds by Reason**

Region	percent of Ag HHs by reason for Non-use					Total
	No knowledge	Too expensive	Not available	Could not see usefulness	Other	
Central	14.4	34.3	10.4	33.5	7.5	100
Eastern	20.2	41.4	14.3	21.6	2.5	100
Northern	23.9	33.1	22.6	18.6	1.7	100
Western	21.1	29.5	12.5	29.7	7.2	100
<b>Uganda</b>	<b>20.1</b>	<b>34.8</b>	<b>14.7</b>	<b>25.7</b>	<b>4.7</b>	<b>100</b>

### 5.2.2.22 Ag HHs that reported Non-use of Veterinary Drugs by Reason

Out of the 2.1 million Ag HHs that reported *Non-use of Veterinary drugs*, 742,000 (35.3 %) sighted *Too Expensive* as a Reason for *Non-use*, followed by *Could Not See Usefulness* by 644,000 (30.7 %) while the least percentage was stated as *Other* by 160,000 (7.6 %).

The within region analysis revealed that the Western Region with 16.7 percent of Ag HHs had the highest that sighted *No Knowledge* as Reason for *Non-use*, followed by the Northern Region (15.5 %) while the Central Region reported the least percentage (10.7 %). Regarding *Too Expensive*, as the Reason for *Non Use*, the Eastern Region had the highest percentage (42.9 %), closely followed by the Northern Region with 42.8 percent while the Western Region reported the least (27.6 %). In the case of *Not Available* as the Reason for *Non-use*, the Northern Region had the highest percentage (18.5 %), followed by the Eastern Region with 11.3 percent while the Central Region reported the least (8.3 %). The highest percentages for *Could Not See Usefulness* (40.4 %) and *Other* (11.3 %) were both reported by the Central Region. On the other hand, the least percentages for *Could Not See Usefulness* (19.8 %) and *Other* (3.5 %) both were reported by the Northern Region.

The details are provided in Tables 5.64 (a) and 5.64 (b), while district-level data is provided in Annex 5.64.

**Table 5.64(a): Ag HHs that reported Non-use of Veterinary Drugs by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other
Central	411,803	43,967	120,656	34,115	166,439	46,626
Eastern	574,542	78,823	246,710	65,138	153,096	30,775
Northern	442,891	68,737	188,803	82,058	87,663	15,630
Western	672,545	112,502	185,432	70,413	237,290	66,908
<b>Uganda</b>	<b>2,101,781</b>	<b>304,029</b>	<b>741,601</b>	<b>251,724</b>	<b>644,488</b>	<b>159,939</b>

**Table 5.64(b). Ag HHs that reported Non-use of Veterinary Drugs by Reason and Region**

Region	percent of Ag HHs by Reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
Central	10.7	29.3	8.3	40.4	11.3	100
Eastern	13.7	42.9	11.3	26.6	5.4	100
Northern	15.5	42.6	18.5	19.8	3.5	100
Western	16.7	27.6	10.5	35.3	9.9	100
<b>Uganda</b>	<b>14.5</b>	<b>35.3</b>	<b>12.0</b>	<b>30.7</b>	<b>7.6</b>	<b>100</b>

**5.2.2.23 Ag HHs that reported Non-use of Artificial Insemination by Reason**

Out of the 3.0llion Ag HHs that reported *Non-use of Artificial Insemination* 901,000 (30.1) sighted *Could Not See Usefulness* as a *Reason for Non-use*, followed by *No knowledge* by 869,000 (29.1 %) while the least percentage was stated as *Other* by 187,000 (6.2 %).

The within region analysis revealed that the Northern Region with 36.7 percent of Ag HHs had the highest that sighted *No Knowledge* as *Reason for Non-use*, followed by the Eastern Region (30.8 %) while the Central Region reported the least percentage (21.0 %). Regarding *Too Expensive*, as the *Reason for Non Use*, the Eastern Region had the highest percentage (24.0 %), followed by the Northern Region with 21.5 percent while the Western Region reported the least (17.3 %). In the case of *Not Available* as the *Reason for Non-use*, the Northern Region had the highest percentage (16.6 %), followed by the Eastern Region with 14.5 percent while the Central Region reported the least (10.1 %). The highest percentages for *Could Not See Usefulness* (38.2 %) and *Other* (10.0 %) were both reported by the Central Region. On the other hand, the least percentages for *Could Not See Usefulness* (22.7 %) and *Other* (2.6 %) both were reported by the Northern Region.

The details are provided in Tables 5.65 (a) and 5.65 (b), while district-level data is provided in Annex 5.65.

**Table 5.65(a): Ag HHs that reported Non-use of Artificial Insemination by Reason and Region**

Region	Ag HHs that reported Non-use	Ag HHs by Reason for Non-use				
		No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other
Central	576,063	121,225	118,738	58,468	219,852	57,780
Eastern	921,128	284,051	221,516	133,625	239,221	42,715
Northern	589,283	216,038	126,905	97,650	133,614	15,076
Western	903,914	247,863	156,292	120,005	308,628	71,126
<b>Uganda</b>	<b>2,990,388</b>	<b>869,177</b>	<b>623,451</b>	<b>409,748</b>	<b>901,315</b>	<b>186,697</b>

**Table 5.65(b): Ag HHs that reported Non-use of Artificial Insemination by Reason and Region**

Region	percent of Ag HHs by Reason for Non-use					Total
	No Knowledge	Too Expensive	Not Available	Could Not See Usefulness	Other	
Central	21.0	20.6	10.1	38.2	10.0	100
Eastern	30.8	24.0	14.5	26.0	4.6	100
Northern	36.7	21.5	16.6	22.7	2.6	100
Western	27.4	17.3	13.3	34.1	7.9	100
<b>Uganda</b>	<b>29.1</b>	<b>20.8</b>	<b>13.7</b>	<b>30.1</b>	<b>6.2</b>	<b>100</b>

#### 5.2.2.24 Ag HHs that reported having bought Hybrid/Improved Seed When Fresh

Out of the 3.6 million Ag HHs that responded, 616,000 (17.2 %) reported having bought Fresh Hybrid/Improved Seeds.

In terms of regions, the Eastern Region had the highest percentage of Ag HHs (43.9 %) that bought Fresh Hybrid/Improved Seeds followed by the Central Region with 22.4 percent while the Western Region had the least (15.3 %).

The details are provided in Table 5.66 while district-level data is provided in Annex 5.66.

**Table 5.66: Ag HHs that reported having bought Hybrid/Improved Seed when Fresh**

Region	Ag HHs that responded		
	Ag HHs that bought fresh hybrid seeds	percent	
Central	715,486	138,038	22.4
Eastern	1,069,885	270,662	43.9
Northern	755,701	113,179	18.4
Western	1,033,992	94,382	15.3
<b>Uganda</b>	<b>3,575,064</b>	<b>616,261</b>	<b>100</b>

## 5.3 Labour Inputs.

### 5.3.1.1 Agricultural household Members who worked Permanently on the holding during the reference period.

The total number of Ag HH members who worked permanently on the holding during the reference period was 8.1 million out of the total 19.2 million Ag HH members. This implies that 42.3 percent of the total Ag hh population worked permanently on the holding during the last 12 months. The Eastern Region had the highest percentage of (31.7 %) and Central Region had the lowest percentage (18.8 %) of their Ag hh members who worked permanently on the holding during the reference period.

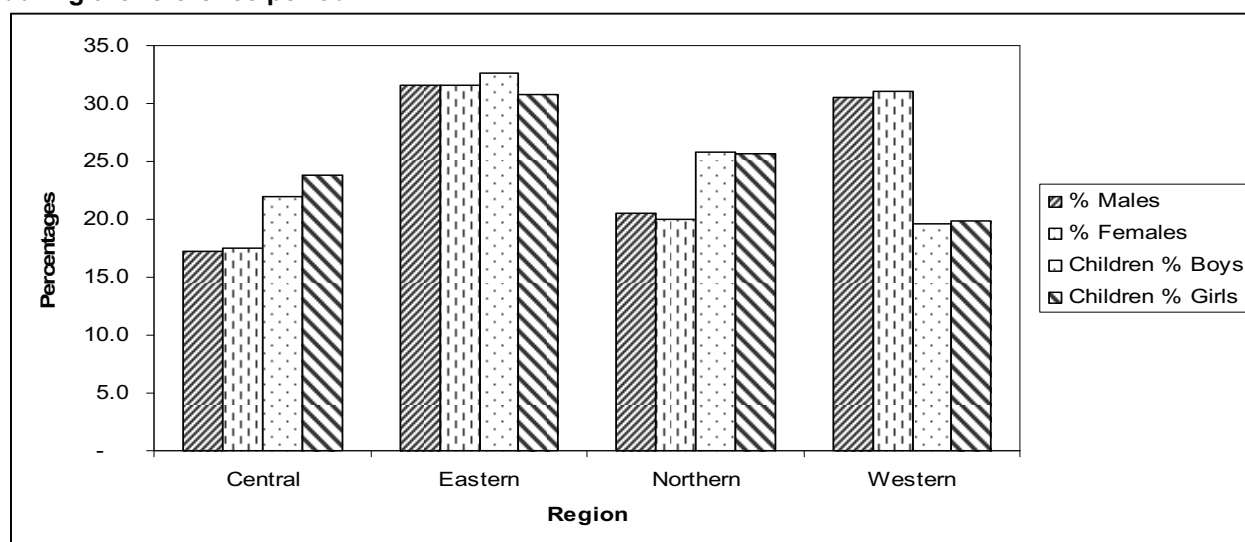
In terms of regions, the Eastern Region had the highest percentages of Male (31.6 %), Female (31.6 %), Boys (32.6 %) and girls (30.8 %) whereas the Central Region had the lowest percentages of Males (17.3 %) and females (17.4 %) and the Western Region registered the lowest percentages of boys (19.6 %) and girls at (19.8 %) of their Ag hh member working permanently on the holding during the reference period.

The details are provided in Table 5.57 and Figure 5.43

**Table 5.67: Number of household members who worked Permanently on the holding during the reference period.**

Region	Permanent							
	Males	%	Females	%	Boys	%	Girls	%
Central	470,825	17.3	579,626	17.4	242,676	22.0	226,494	23.8
Eastern	861,363	31.6	1,050,637	31.6	360,024	32.6	292,433	30.8
Northern	560,644	20.6	662,198	19.9	284,000	25.7	243,385	25.6
Western	830,446	30.5	1,029,428	31.0	216,217	19.6	188,388	19.8
<b>Uganda</b>	<b>2,723,278</b>	<b>100</b>	<b>3,321,888</b>	<b>100</b>	<b>1,102,917</b>	<b>100</b>	<b>950,700</b>	<b>100</b>

**Figure 5.43: Percentage Distribution of Ag HH members who worked Permanently on the Holding during the reference period.**



### 5.3.1.2 Ag HH Members who worked Temporarily on the holding during the reference period

The total number of Ag hh member who worked temporarily on the holding during the reference period was 3.5 million out of the total 19. 2 million Ag HH members. This implies that 18.2 percent of the total Ag hh population worked temporarily on the holding during the last 12 months. Western Region had the highest percentage of (31.7 %) and Central Region had the lowest percentage (15.1 %) of their Agg hh members who worked temporarily on the holding during the reference period.

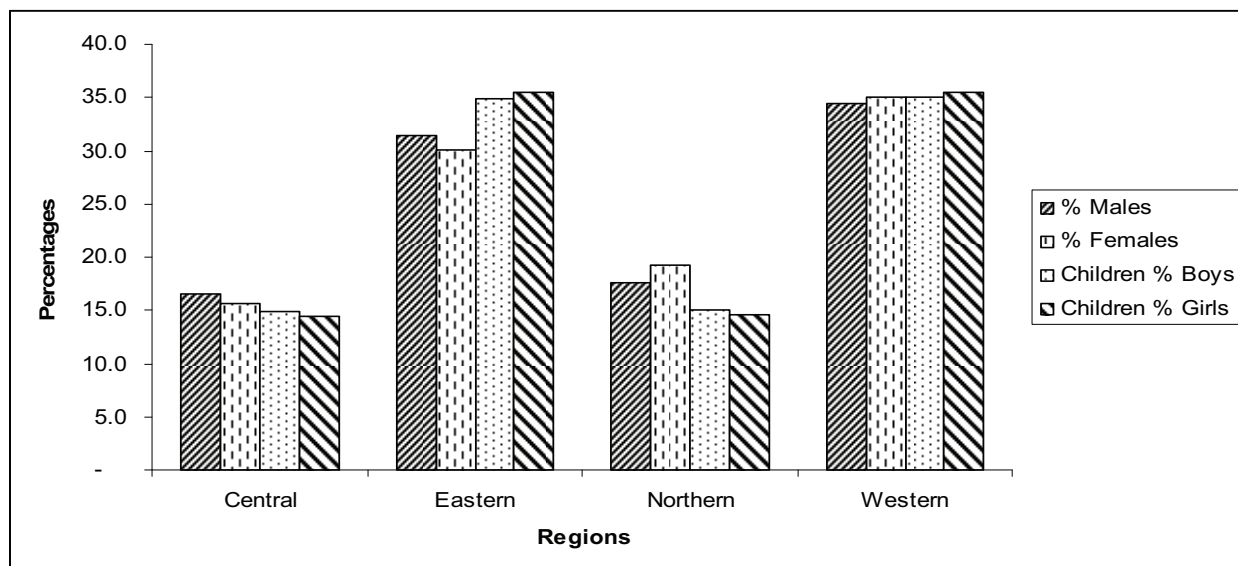
In addition Table 5.3.1.2 shows that the Western Region had the highest percentages of Male (34.4 %), Female (35.0 %), Boys (35.1 %) and girls (35.5 %) whereas the Central Region had the lowest percentages of Males (16.6 %) and females (15.7 %), boys (14.9 %) and girls at (14.4 %) of their Ag hh member working permanently on the holding during the reference period.

The details are provided in Table 5.68 and Figure 5.44.

**Table 5.68: Number of Ag HH members who worked Temporarily on the holding during the reference period**

Region	Temporary							
	Males	% Males	Females	% Females	Boys	% Boys	Girls	% Girls
Central	90,373	16.6	57,463	15.7	206,041	14.9	174,321	14.4
Eastern	170,924	31.4	110,381	30.1	482,631	35.0	428,067	35.4
Northern	95,945	17.6	70,753	19.3	207,628	15.0	177,151	14.7
Western	187,402	34.4	128,331	35.0	484,533	35.1	429,048	35.5
<b>Uganda</b>	<b>544,645</b>	<b>100.0</b>	<b>366,928</b>	<b>100.0</b>	<b>1,380,833</b>	<b>100.0</b>	<b>1,208,588</b>	<b>100.0</b>

**Figure 5.44: Percentage Distribution of Ag HH members who worked temporarily on the holding during the reference period**



## CHAPTER SIX

### HOUSEHOLD FOOD SECURITY

#### 6.1 Introduction

Household food security refers to the situation where all members of a household at all times are consuming enough safe and nutritious food for normal growth and development, and for an active and healthy life. A household is food insecure if it is not able to afford to buy enough food or has limited food supply and therefore may not be able to eat safe or nutritionally adequate food. Food insecurity refers to conditions related to a household not producing enough food and not having enough resources to buy food; it does not refer to other causes of hunger such as dieting or physical inability to cook/buy food.

#### 6.2 Presence of Food Shortage

The Uganda Census of Agriculture (UCA) 2008/09 sought to find out whether there were periods during the census reference period when Ag HH members could not afford to eat what they normally would eat. The results revealed that out of the estimated 3.6 million Ag HHs (Ag HHs) that responded to the question, 2.0 million (56.7 %) reported that there were periods in the past 12 months when their members were not able to afford eating what they would normally eat.

In terms of regional distribution, the Eastern Region had the highest percentage (30.4 %) of Ag HHs that reported *Food Shortage* closely followed by the Northern Region with 27.6 percent while the Central Region had the least number of Ag HHs reporting food shortage (17.3 %). This was the case for the Eastern Region due to the effect of floods which destroyed most of the crops in the Teso sub-region in 2007 followed by a long dry spell in the first half of 2008. In Northern Uganda, *Food Insecurity* could have been contributed by the fact that most people were resettling back to their homes from life in camps following the civil strife in the Acholi Sub-region.

It is also worth noting that the within region comparisons show that the Northern Region had the highest percentage (74.1 %) of its Ag HHs that experienced Food Shortage during the reference period followed by the Eastern Region with 57.5 percent while the Western Region reported the least percentage (48.4 %).

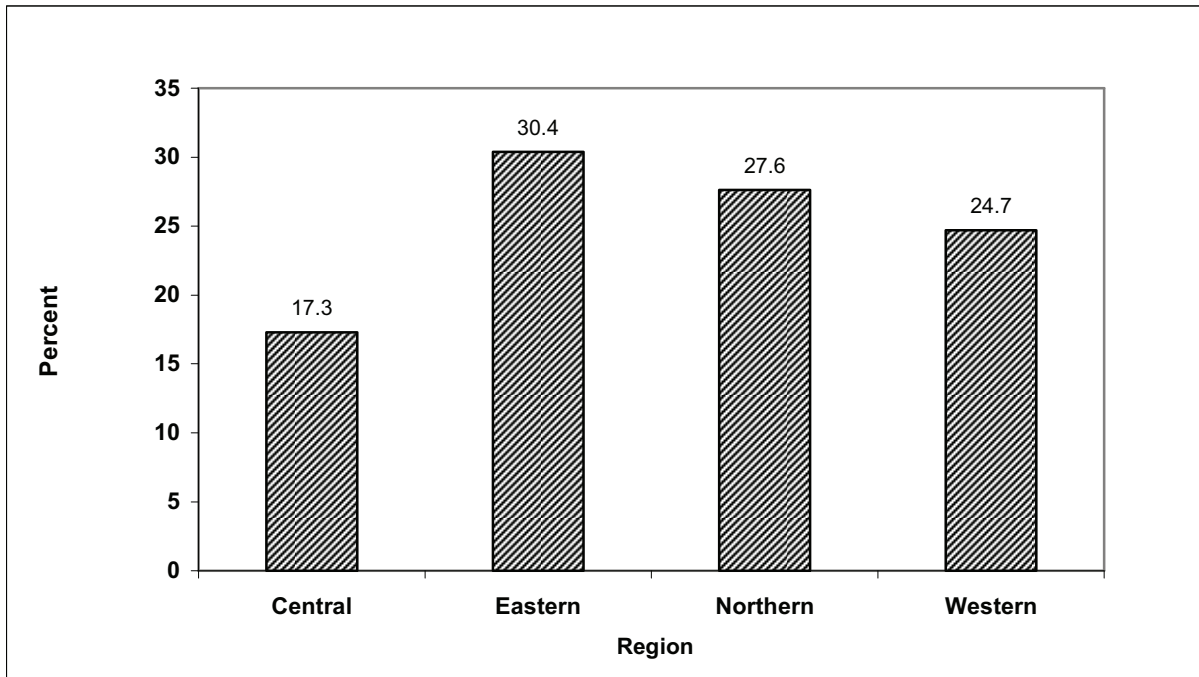
District level analysis revealed that the districts of Abim with 98.9 percent, Katakwi (96.9 %), Amuria (96.1 %), Kaboong (95.9 %), Dokolo (95.9), Yumbe (95.0 %), Lyantonde ((5.8 %) and Bukwo (91.0 %) had over 90 percent of their Ag HHs that reported having experienced *Food Shortage* during the reference period while Kalangala and Kampala had the least with 6 and 2 percent respectively.

The details are provided in Table 6.1, Figures 6.1 and 6.2 and district level data is provided in Annex 1 Table A6.1.

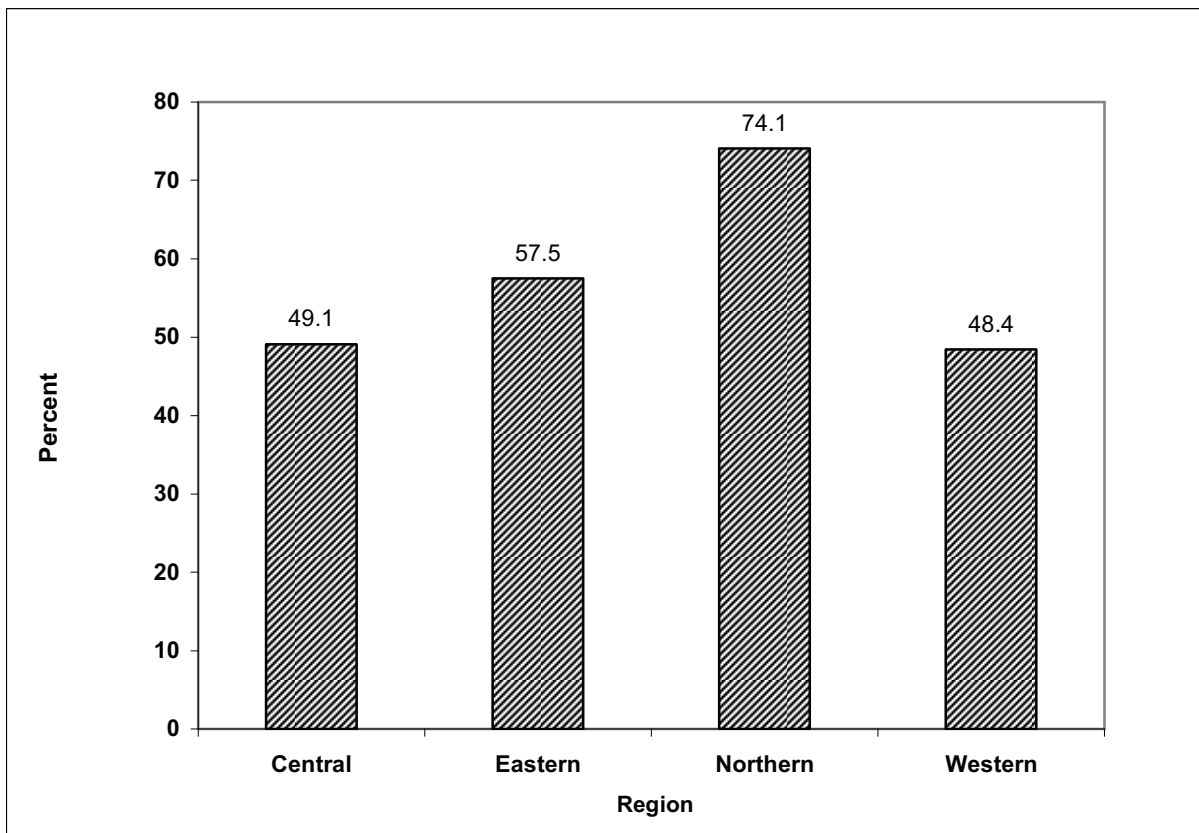
**Table 6.1: Distribution of Ag HHs that reported having experienced Food Shortage by Region (between and within)**

Region	Ag HHs	Ag HHs that reported having had Food Shortage		
		No of Ag HHs	% between Regions	% within Regions
Central	715,486	351,272	17.3	49.1
Eastern	1,069,885	615,566	30.4	57.5
Northern	755,701	559,914	27.6	74.1
Western	1,033,992	500,903	24.7	48.4
<b>Uganda</b>	<b>3,575,064</b>	<b>2,027,655</b>	<b>100</b>	<b>56.7</b>

**Figure 6.1: Percentage of Ag HHs that reported having experienced Food Shortage by Region (between Regions)**



**Figure 6.2: Percentage of Ag HHs that reported having experienced Food Shortage by Region (within Regions)**





### 6.3 Timing of Food Shortage

Data on months in which *Food Shortage* occurred is useful to assess the seasonality of *Food Shortage* such as before the main harvest or where natural calamities are common. An Ag HH may experience *Food Shortage* in one or more months of the year and therefore Ag HHs were asked to state the months in which *the Food Shortage* was experienced.

The results show that 1.1 million (52.4 %) of the Ag HHs that reported having experienced *Food Shortage*, reported the month of June as the period when they experienced food shortage, followed by 46.1 and 45.8 percent of the Ag HHs reporting the months of May and July respectively. It is worth noting that *Food Shortage* declined from 20.4 percent in October 2008 to a low of 11.7 percent in January 2009, and then consistently rose to a high of 52.4 percent in June 2009 before declining to 45.8 percent and 34.8 percent in July 2009 and August 2009 respectively.

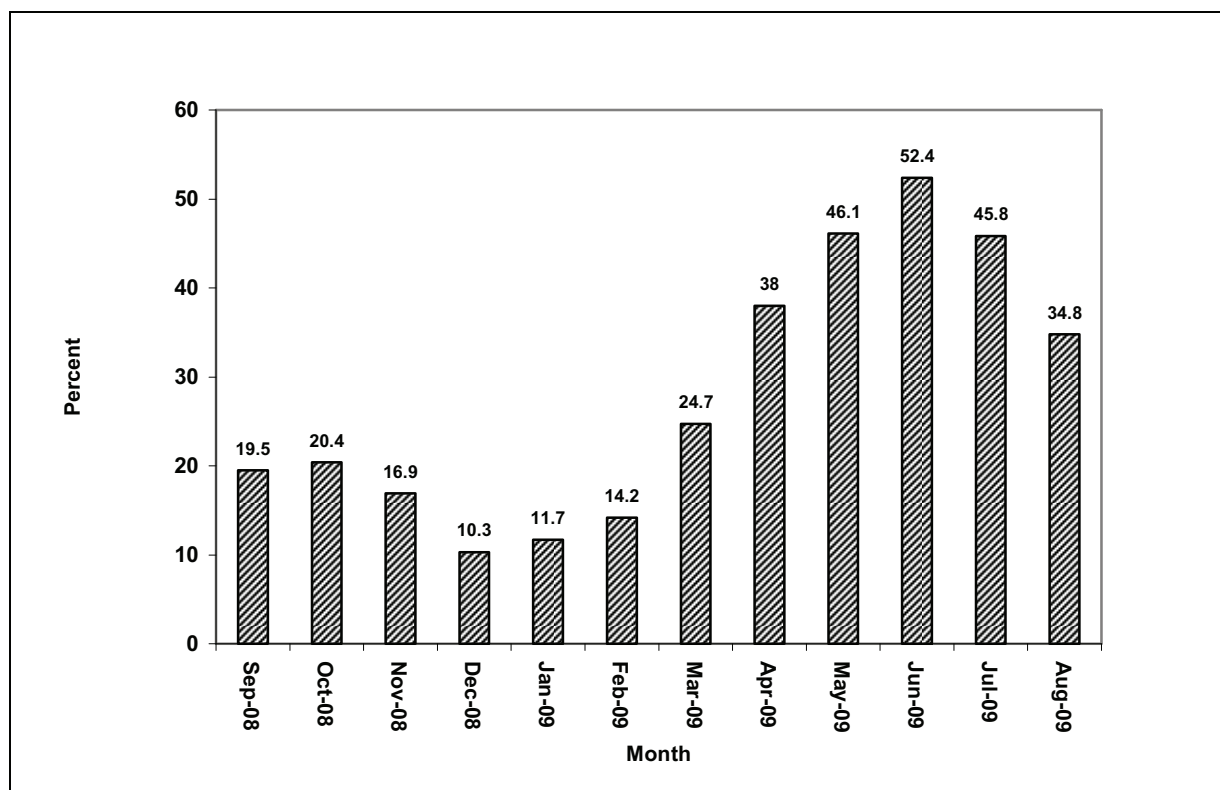
The details are provided in Table 6.2 and Figure 6.3 and district level data is provided in Annex 1 Table A6.2.

**Table 6.2: Ag HHs that reported having experienced Food Shortage by Month**

Month	Ag HHs	Percent
Sep-08	396,391	19.5
Oct-08	41,2842	20.4
Nov-08	341,980	16.9
Dec-08	207,857	10.3
Jan-09	236,930	11.7
Feb-09	288,088	14.2
Mar-09	50,1534	24.7
Apr-09	770,060	38.0
May-09	934,597	46.1
Jun-09	1,062,730	52.4
Jul-09	9295,80	45.8
Aug-09	705,044	34.8

**N=2,027,655**

**Figure 6.3: Percentage Distribution of Ag HHs that reported having experienced Food Shortage by Month**



### 6.3.1 Months in which Food Shortage Occurred in the Central Region

The Central Region had the highest number of Ag HHs that experienced Food Shortage in the month of July 2009 with 207,000 out of 351,000 Ag HHs (58.9%) followed by the month of August 2009 with 57.3 percent while the month of December 2008 had the least with 12.6 percent during the reference period.

The districts with the highest percentage of Ag HHs experiencing food shortage in the month of July 2009 included Sembabule with 75.7 percent, Mpigi 72.1 percent, Lyantonde with 69.7 percent. In August 2009, the same districts registered the highest percentage of their Ag HHs experiencing food shortage with Sembabule having 85.0 percent, while Lyantonde and Mpigi had 83.5 and 63.8 percent respectively.

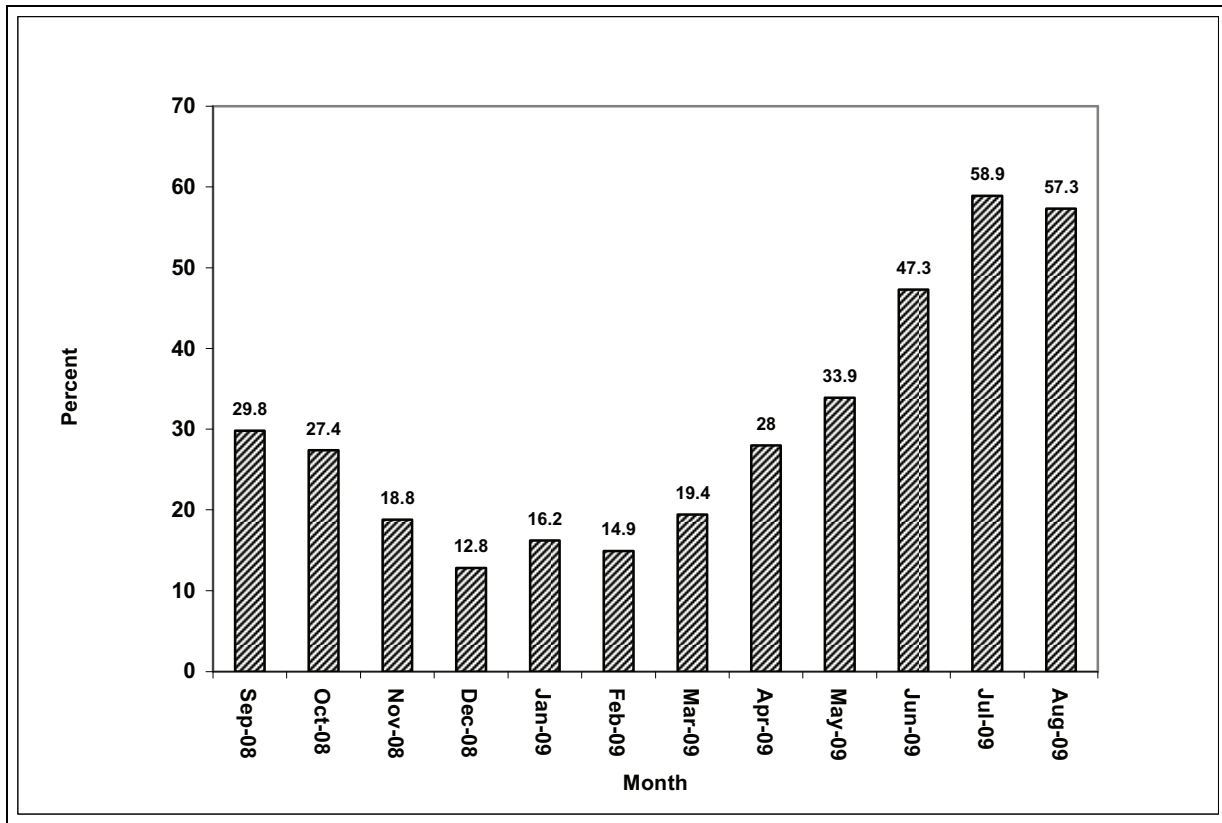
The details are provided in Table 6.3 and Figure 6.4 and Figure 6.3 and district level data is provided in Annex 1 Table A6.2.

**Table 6.3: Ag HHs that reported having experienced Food Shortage by Month-Central Region**

Month	Ag HHs	Percent
Sep-08	104,546	29.8
Oct-08	96,097	27.4
Nov-08	66,146	18.8
Dec-08	45,063	12.8
Jan-09	56,855	16.2
Feb-09	52,296	14.9
Mar-09	68,271	19.4
Apr-09	98,366	28.0
May-09	118,962	33.9
Jun-09	166,091	47.3
Jul-09	206854	58.9
Aug-09	201,139	57.3

**N=351,272**

**Figure 6.4: Percentage Distribution of Ag HHs reported having Experienced Food Shortage by Month for the Central Region**



### 6.3.2 Months in which Food Shortage Occurred in the Eastern Region

The Eastern Region had the highest number of Ag HHs experiencing food shortage in the month of May 2009 with 372, 000 out of 615, 566 Ag HHs (60.5 %) followed by the month of June 2009 with 53.0 percent while the months of December 2008 had the least with 6.5 percent during the reference period.

The districts with the highest percentage of Ag HHs experiencing food shortage in the month of April 2009 included Manafwa with 88.4 percent, Sironko 82.7 percent, Bududa with 79.5 percent. In May 2009, Manafwa district still registered the highest percentage of its Ag HHs experiencing food shortage with 92.2 percent followed by Amuria and Katakwi districts with 87.9 and 84.0 percent respectively.

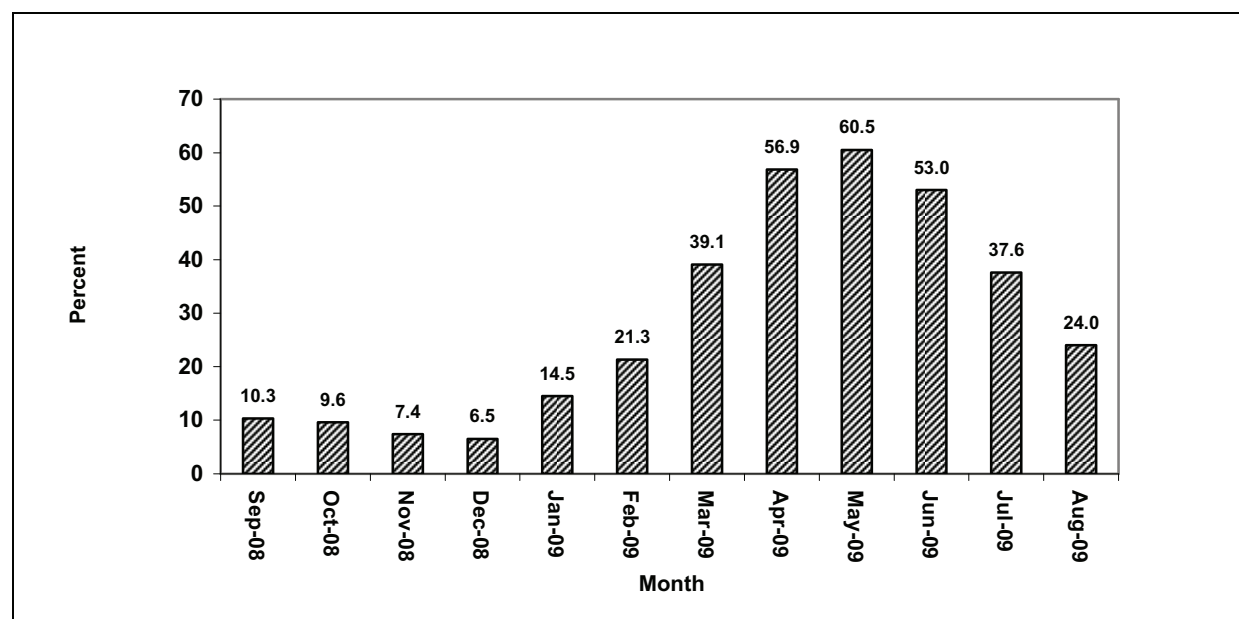
The details are provided in Table 6.4 and Figure 6.5 and Figure 6.3 and district level data is provided in Annex 1 Table A6.2.

**Table 6.4: Percentage Distribution of Ag HHs Reporting Food Shortage by Month- Eastern Region**

Month	Ag HHs	Percent
Sep-08	63,514	10.3
Oct-08	58,965	9.6
Nov-08	45,452	7.4
Dec-08	39,741	6.5
Jan-09	89,493	14.5
Feb-09	131,346	21.3
Mar-09	240,383	39.1
Apr-09	350,179	56.9
May-09	372,303	60.5
Jun-09	326,372	53.0
Jul-09	231,269	37.6
Aug-09	147,777	24.0

N=615,566

**Figure 6.5: Percentage Distribution of Ag HHs Reporting Food Shortage by Month- Eastern Region**



### 6.3.3 Months in Which Food Shortage Occurred in the Northern Region

The Northern Region had the highest number of Ag HHs experiencing food shortage in the month of June 2009 with 423,000 out of 559,914 Ag HHs (75.5 %) followed by the month of July 2009 with 58.0 percent while the month of December 2008 had the least with 2.9 percent during the reference period.

The districts with the highest percentage of Ag HHs experiencing food shortage in the month of June 2009 included Amolatar with 94.1 percent, Dokolo (93.5 %), Oyam (87.9 %). In July 2009, Amolatar still registered the highest percentage of its Ag HHs experiencing food shortage with 88.9 percent followed by Pader (88.2 %) and then Nakapiripit (83.0 %).

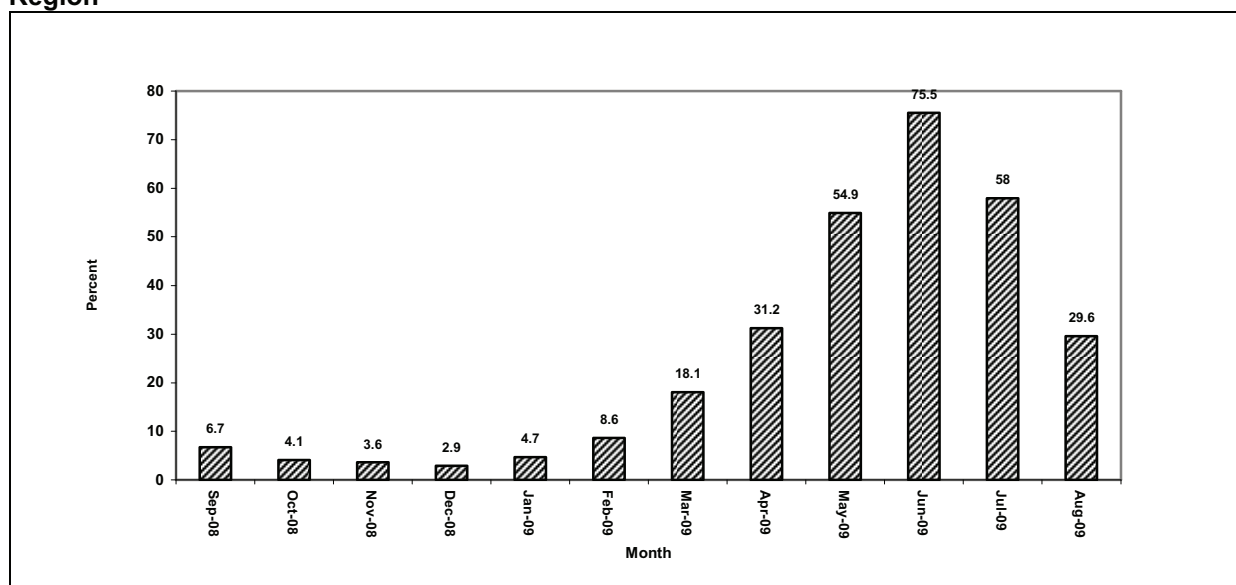
The details are provided in Table 6.5 and Figure 6.6 and Figure 6.3 and district level data is provided in Annex 1 Table A6.2.

**Table 6.5: Percentage Distribution of Ag HHs Reporting Food Shortage by Month-Northern Region**

Month	Ag HHs	Percent
Sep-08	37,621	6.7
Oct-08	22,905	4.1
Nov-08	20,028	3.6
Dec-08	16,247	2.9
Jan-09	26,416	4.7
Feb-09	48,024	8.6
Mar-09	101,256	18.1
Apr-09	174,851	31.2
May-09	307,598	54.9
Jun-09	422,576	75.5
Jul-09	324,776	58.0
Aug-09	165,981	29.6

**N=615,566**

**Figure 6.6: Percentage Distribution of Ag HHs Reporting Food Shortage by Month-Northern Region**



### 6.3.4 Months in Which Food Shortage Occurred in the Western Region

The Western Region had the highest number of Ag HHs experiencing food shortage in the month of October 2008 with 235,000 out of 500,903 Ag HHs (46.9 %) followed by the month of November 2008 with 42.0 percent while the month of February 2009 had the least with 11.3 percent during the reference period.

The districts with the highest percentage of Ag HHs experiencing food shortage in the month of October 2008 included Rakai with 83.3 percent, Ntungamo (82.4 %), Kisoro 77.6 percent. In November 2008, Ntungamo district again registered the highest percentage of its Ag HHs experiencing food shortage with 86.5 percent, while Mbarara and Isingiro had 82.5 and 70.2 percent respectively.

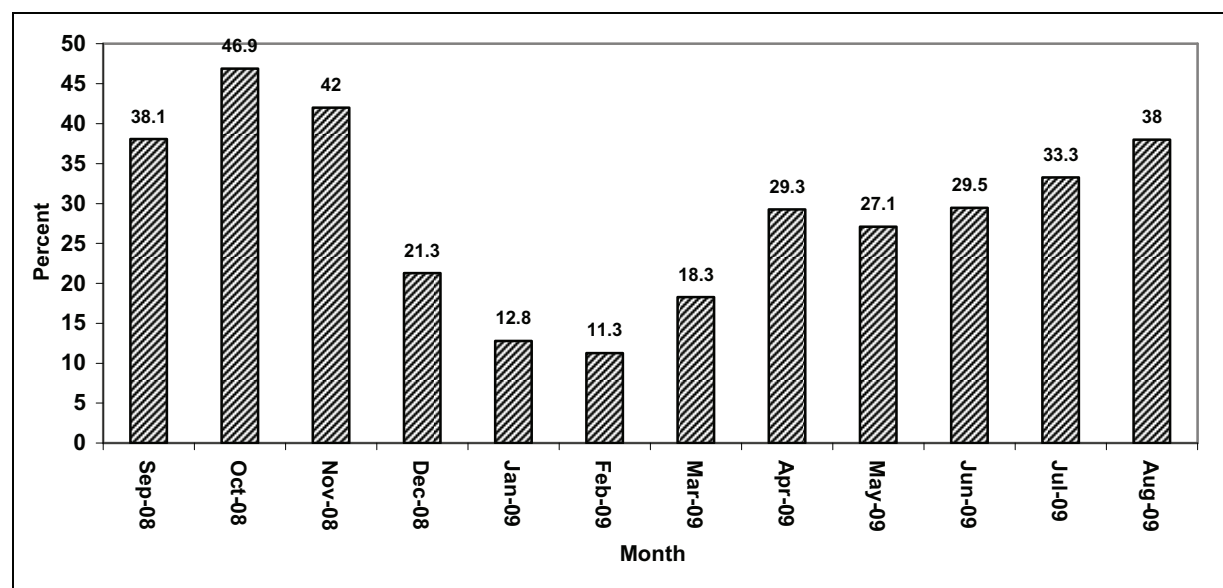
The details are provided in Table 6.6 and Figure 6.7 and Figure 6.3 and district level data is provided in Annex 1 Table A6.2.

**Table 6.6: Percentage Distribution of Ag HHs Reporting Food Shortage by Month – Western Region**

Month	Ag HHs	Percent
Sep-08	190,710	38.1
Oct-08	234,875	46.9
Nov-08	210,354	42.0
Dec-08	106,806	21.3
Jan-09	64,167	12.8
Feb-09	56,423	11.3
Mar-09	91,624	18.3
Apr-09	146,664	29.3
May-09	135,733	27.1
Jun-09	147,691	29.5
Jul-09	166,681	33.3
Aug-09	190,147	38.0

N=500,903

**Figure 6.7: Percentage Distribution of Ag HHs that reported having had Food Shortage by month for the Western Region**



## 6.4 Reasons for Food Shortage

The UCA collected information on reasons for *Food Shortage* which were largely thought to depend on local conditions with some being seasonal events such as *Loss of Crops*, while others could be attributed to more long-term factors such as *Lack of Land*. Respondents were asked to select the three (3) main reasons in order of importance why *Food Shortage* occurred in the household.

At the national level, *Loss of Crops/Insufficient Production* was advanced by 71.4 percent of the Ag HHs as the major reason for *Food Shortage* followed by *Lack of Adequate Capital* (19.3 %) and *Lack of Adequate Land* (10.0 %). However, across regions, the Northern Region had the highest number of 434,855 Ag HHs out of 1.4 million (30.0 %) reporting *Loss of Crops/Insufficient Production* as the major reason for *Food Shortage* followed closely by the Eastern Region with 28.9 percent while the Central Region reported the least with 19.4 percent. The pattern of reporting *Lack of adequate Capital* was similar to that exhibited by *Loss of Crops/Insufficient Production* as the reason for *Food Shortage*. On the other hand, *Lack of Adequate Land* featured more in the Western Region with 91,000 out of the 201,000 Ag HHs (45.3 %) of the Ag HHs that citing it as the major reason for *Food Shortage* followed by the Eastern Region with 37.7 percent while the Northern Region reported the least (8.4 %).

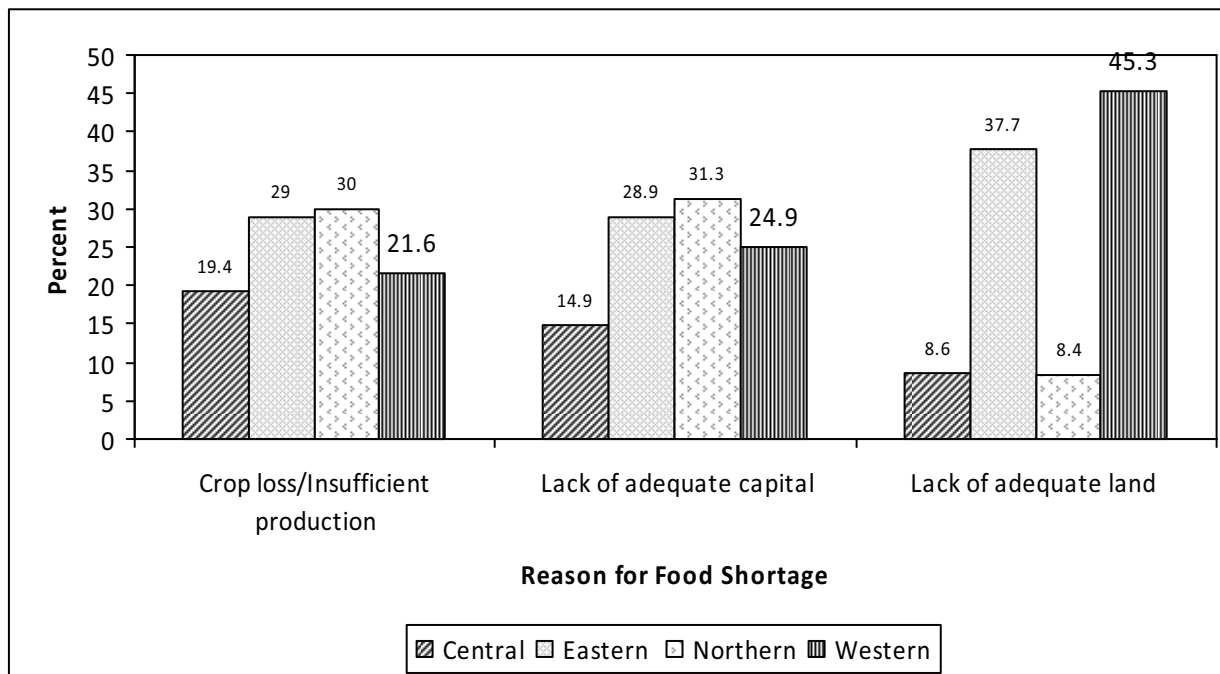
The districts with the highest percentage of their Ag HHs reporting *Loss of crops/insufficient production* as a major reason why they experienced food shortage were Nakapiripirit, Moroto, Luwero with 97.3, 93.7 and 93.4 percent respectively while Kampala with 55.5 percent, Sironko (20.2 %) and Bukwo (15.9 %) cited *Lack of capital* as a major reason for food shortage. On the other hand, Ntungamo, Tororo and Pallisa cited *Lack of Adequate Land* as a major reason for food shortage with 47.0, 46.9 and 42.5 percent of their Ag HHs respectively.

The details are provided in Table 6.7 and Figure 6.8 and district level data is provided in Annex 1 Table A6.3.

**Table 6.7: Distribution of Ag HHs by Reasons for Food Shortage**

Region	Ag HHs that experience d food shortage	Ag HHs reporting loss of crops/insufficient production		Ag HHs reporting lack of adequate capital		Ag HHs reporting lack of adequate land	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
		Central	351,272	281,269	19.4	58,404	14.9
Eastern	615,566	419,072	29.0	113,331	28.9	76,087	37.7
Northern	559,914	434,855	30.0	122,847	31.3	16,952	8.4
Western	500,903	312,252	21.6	97,533	24.9	91,483	45.3
<b>Uganda</b>	<b>2,027,655</b>	<b>1,447,448</b>	<b>100</b>	<b>392,115</b>	<b>100</b>	<b>201,834</b>	<b>100</b>

**Figure 6.8: Percentage Distribution of Ag HHs by Reasons for Food Shortage**



## 6.5 Immediate Response to Food Shortage

For Ag HHs that reported not being able to afford to eat what they normally would eat, information was sought on the Change in Eating Pattern that was adopted. These changes were collected for Adult Males and Females, and Children separately and included response categories such as Skipping Meals, Eating Less Preferred Food and Reducing Size of Meals.

### 6.5.1 Skipping Meals

The results revealed that 1.0 million out of 2 million (53.1 %) Ag HHs that experienced Food Shortage reported their Adult Female members adopting Skipping Meals as an immediate response to Food Shortage while 50.7 percent of Ag HHs reported their Adult Males to have adopted the same strategy. On the other hand relatively fewer Ag HHs, 24.3 percent, reported their Children Skipping Meals in response to the food shortage.

The within region analysis showed that the Northern Region had the highest percentage (60.8 %) of their Ag HHs reporting *Skipping Meals* by *Adult Males* followed closely by the Eastern Region with 51.6 percent while the Central Region reported the least (41.1 %). A similar pattern was observed for Ag HHs *Adult Female* members. In the case of *Children*, the Western Region reported the least percentage (19.6 %) of their Ag HHs who reported *Skipping Meals* as a response.

Analysis within district level revealed that the districts with the highest percentage of Ag HHs that adopted *Skipping Meals* by their *Adult Males* as a strategy to cope with food shortage. Nakapiripirit with almost all its Ag HHs (99.3 %), Katakwi (82.9 %) and Kitgum (80.9 %). Regarding *Adult Females*, Nakapiripirit with 91 percent had the highest percentage of its Ag HHs that experienced food shortage reporting skipping of meals by its *Adult Females* followed by Katakwi and Moroto with 90.3 and 89.9 percent respectively. For *Children*, *Skipping Meals* was least preferred with Kitgum with 60.4 percent of its Ag HHs reporting the highest percentage, followed by kalangala (58.3 %) and Kasese (54.0 %).

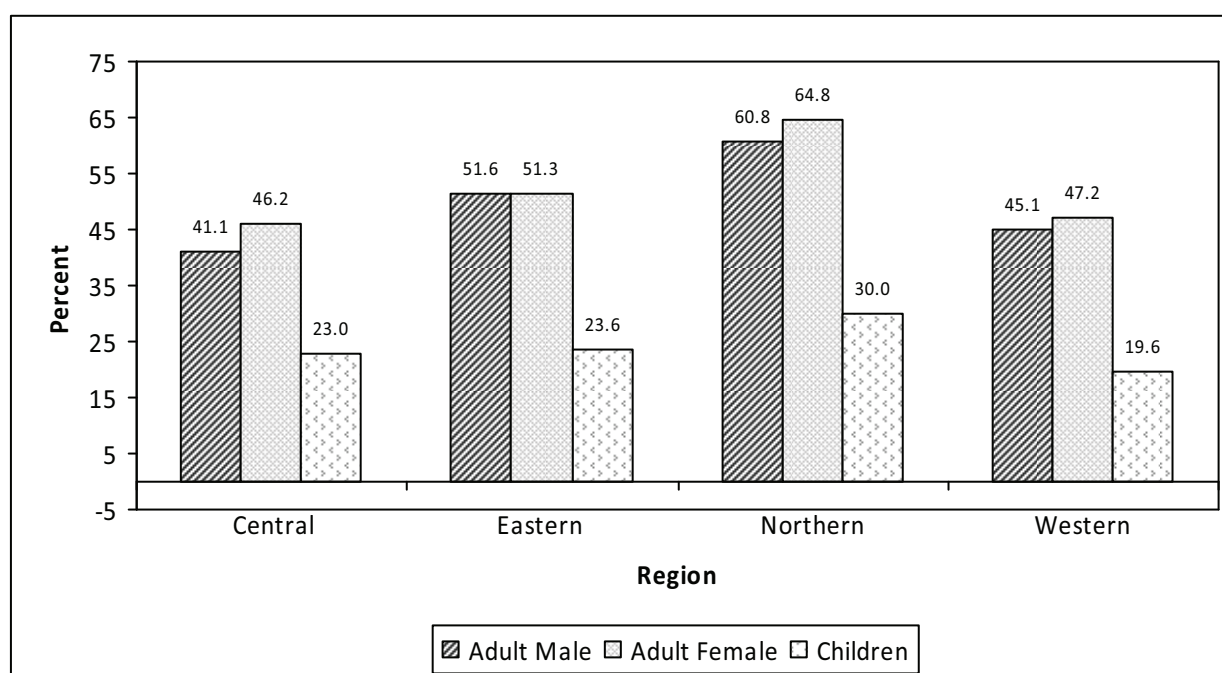


The details are provided in Table 6.8 and Figure 6.9 and district level data is provided in Annex 1 Table A6.4.

**Table 6.8: Distribution of Ag HHs which adopted skipping of meals**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	144,339	41.1	162,198	46.2	80,876	23.0
Eastern	615,566	317,638	51.6	315,615	51.3	145,434	23.6
Northern	559,914	340,169	60.8	362,746	64.8	168,239	30.0
Western	500,903	226,087	45.1	236,340	47.2	97,928	19.6
Uganda	2,027,655	1,028,233	50.7	1,076,899	53.1	492,477	24.3

**Figure 6.9: Percentage Distribution of Ag HHs which adopted skipping of meals**



### 6.5.2 Eating Less Preferred Food

The census results showed that 1.2 million out of 2 million (61.1 %) of Ag HHs that experienced Food Shortage reported their Adult Female members adopting Eating Less Preferred Food as an immediate response to Food Shortage while 55.7 percent of Ag HHs reported their Adult Males to have adopted the same strategy. On the other hand a sizeable percentage of Ag HHs, 46.8 percent, reported their Children Eating Less Preferred Food in response to the Food Shortage.

The within region analysis showed that the Western Region had the highest percentage (60.4 %) of their Ag HHs that reported Eating Less Preferred Food by Adult Males closely followed by the Eastern Region (59.4 %) while the Eastern Region reported the least (49.1 %). For Adult Females the Northern

Region had the highest percentage (66.5 %) of Ag HHs that reported Eating Less Preferred Food followed by the Western Region with 65.9 percent while the Eastern Region had the least percentage (52.0 %). Regarding Children, the Northern Region had the highest percentage (50.0 %) of Ag HHs that reported Eating Less Preferred Food while the Eastern Region with 41.1 percent reported the least.

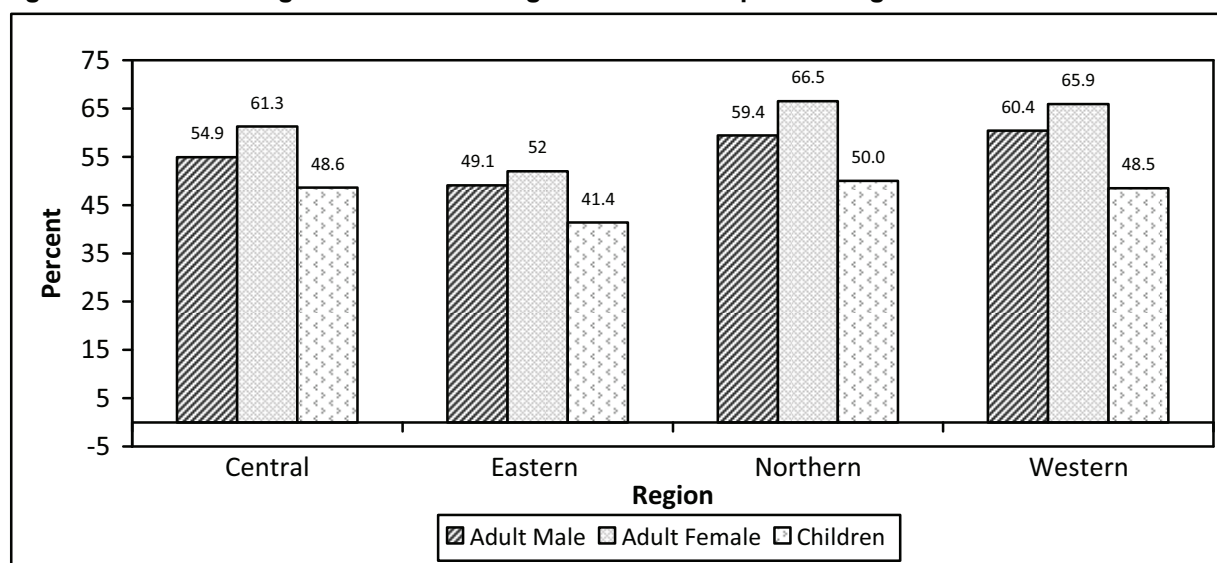
The districts with the highest percentage of its Adult Male members Eating less preferred food as a strategy for coping with food shortage included Nyadri (86.3 %), Kasese (84.8 %) Katakwi (78.1 %) while those for Adult Female members included Dokolo (88.9 %), Nyadri (88.2 %) Kasese (86.9 %). Dokolo with 78.9 percent had the highest percentage of its Ag HHs having adopted Eating less preferred food by Children as a means of coping with food shortage followed by Kasese (74.2 %) and Nyadri (73.2 %).

The details are provided in Table 6.9 and Figure 6.10 and district level data is provided in Annex 1 Table A6.4.

**Table 6.9: Distribution of Ag HHs which adopted Eating of Less Preferred Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	192,895	54.9	215,472	61.3	170,734	48.6
Eastern	615,566	302,119	49.1	320,381	52.0	254,812	41.4
Northern	559,914	332,644	59.4	372,144	66.5	279,935	50.0
Western	500,903	302,747	60.4	329,912	65.9	243,052	48.5
Uganda	2,027,655	1,130,405	55.7	1,237,909	61.1	948,533	46.8

**Figure 6.10: Percentage Distribution of Ag HHs which adopted Eating of Less Preferred Food**



### 6.5.3 Reducing Size of Meals

The results showed that 1.4 million out of 2 million (68.3 %) of Ag HHs that experienced Food Shortage reported their Adult Female members as having adopted Reducing Size of Meals as an immediate response to food shortage while 1.3 million out of 2.0 million (62.4 %) of Ag HHs reported their Adult Males to have adopted the same strategy. On the other hand about a half of the Ag HHs, 48.9 percent, reported their Children as having adopted Reducing the size of meals in response to the food shortage.

The within region analysis showed that the Northern Region had the highest percentage (72.6 %) of their Ag HHs that reported their Adult Male members having Reduced the Size of Meals by followed closely by

the Western Region with 61.6 percent while the Central Region reported the least percentage of Ag HHs (52.0 %). Similar patterns were observed for Ag HHs Adult Female members. For children, the Northern Region again had the highest percentage of Ag HHs (56.2 %) adopting Reducing the Size of Meals by Children, followed by the Eastern Region (47.1 %) and the Central Region reported the least percentage of Ag HHs (43.9 %). Overall, it is worth noting that Adult Female members seemed to bear the brunt of food shortage in a majority of households compared to other Ag HH members.

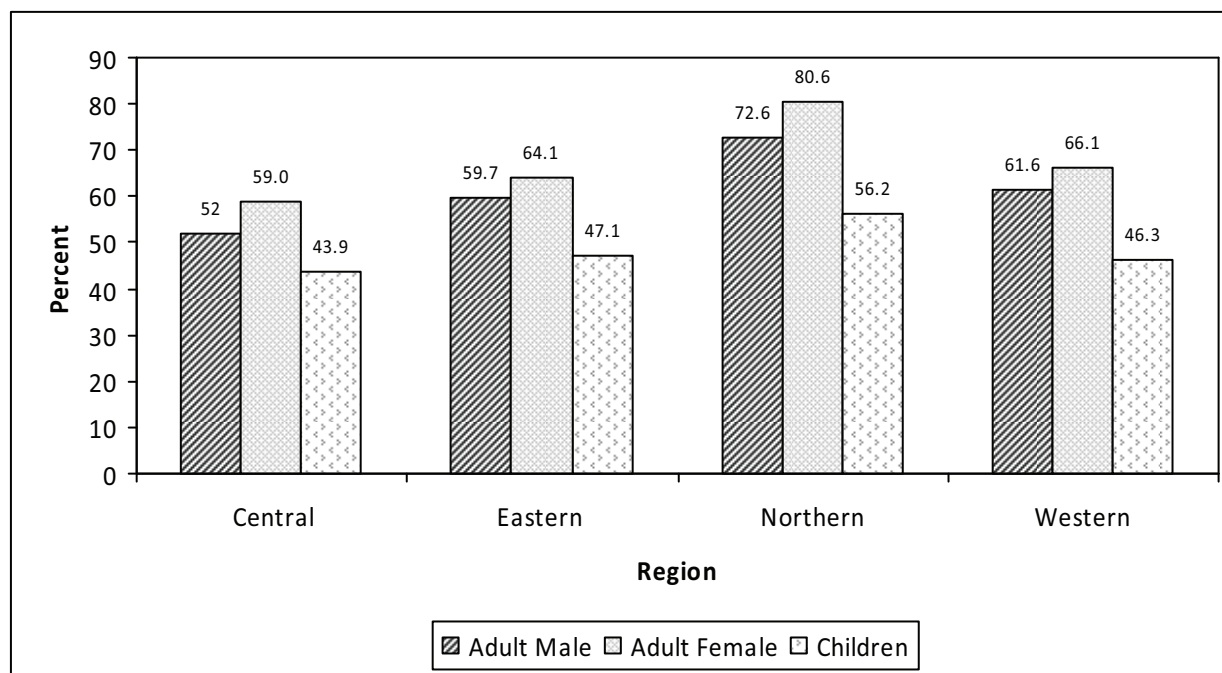
The districts with the highest percentage of its Ag HHs adopting a strategy of Reducing the size of meals for its adult males as a means of coping with food shortage included Nyadri (98.0 %), Abim (91.8 %), Pallisa (85.7 %) while those where Adult Female members adopted Reducing the size of meals included Nyadri with 99.9 percent, Dokolo (94.9 %), Abim (92.0 %). Regarding Children, Nyadri with 86.1 percent had the highest percentage of its Ag HHs adopting Reducing the Size of Meals as a means of coping with food shortage followed by Kasese (75.4 %) and Dokolo (71.3 %).

The details are provided in Table 6.10 and Figure 6.11 and district level data is provided in Annex 1 Table A6.4.

**Table 6.10: Percentage Distribution of Ag HHs which Adopted Reduction in Size of Meals**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	182,619	52.0	207,374	59.0	154,091	43.9
Eastern	615,566	367,757	59.7	394,536	64.1	289,848	47.1
Northern	559,914	406,418	72.6	451,155	80.6	314,730	56.2
Western	500,903	308,528	61.6	331,177	66.1	232,006	46.3
<b>Uganda</b>	<b>2,027,655</b>	<b>1,265,322</b>	<b>62.4</b>	<b>1,384,242</b>	<b>68.3</b>	<b>990,675</b>	<b>48.9</b>

**Figure 6.11: Percentage Distribution of Ag HHs which adopted reduction in size of meals**



## 6.6 Steps Taken to Alleviate Food Shortage

Steps taken to alleviate food shortage refer to what the household did in order to overcome the food shortage. The steps taken to alleviate food shortage were collected for Adult Males, Adult Females and Children separately. These coping strategies included steps such as use of savings to buy food, taking out a loan, selling assets and getting help from relatives, Government or charities.

### 6.6.1 Ag HHs that Used Savings to Buy Food

Overall, 846,000 out of 2.0 million (41.6 %) Ag HHs that reported experiencing food shortage *Used savings to buy food for Adult Males* as a coping strategy to alleviate food shortage while 29.7 percent of the Ag HHs did likewise for *Adult Females* and only a paltry 3.8 percent for *Children*.

The within region analysis showed that the Central Region had the highest percentage (52.2 %) of its Ag HHs that reported having *Used savings to buy food for Adult Males* as a coping strategy to alleviate food shortage followed by the Western Region with 48.1 percent while the Northern Region had the least with 34.6 percent. Regarding *Adult Females*, the Central Region still had the highest percentage (38.0 %) of its Ag HHs that had used savings to buy food as a coping strategy for *Adult Females* followed by the Western Region with 34.7 percent while the Eastern Region had the least with 21.2 percent. As for *Children*, the Northern Region reported the highest percentage with 4.7 percent of its Ag HHs having *Used savings to buy food* as a coping strategy to alleviate food shortage while the Central Region reported the least with 2.9 percent.

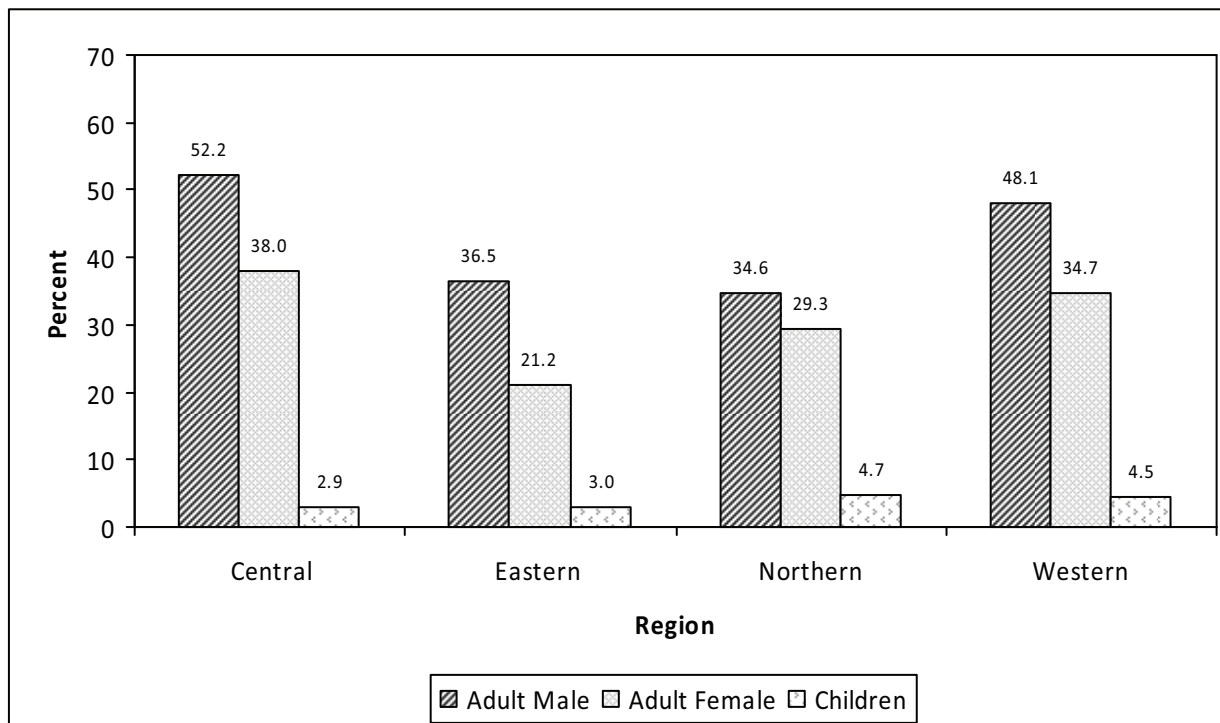
The districts that reported the highest percentage of their Ag HHs which *Used savings to buy food* as a coping strategy to alleviate food shortage for their *Adult Male* members included Ibanda (76.5 %), Mayuge (72.8 %), Wakiso (65.8 %) while those for *Adult Female* members included adjumani (66.5 %), Ibanda (59.3 %) and Kalangala (57.4 %). Regarding use of savings to buy food for child members of Ag HHs, the districts that reported the highest percentage of their Ag HHs included Lyantonde (29.6 %), Adjumani (25.2 %) followed by Abim with 21.8 percent.

The details are given in Table 6.11 and Figure 6.12 and district level data is provided in Annex 1 Table A6.5.

**Table 6.11: Distribution of Ag HHs that Used Savings to Buy Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	183,271	52.2	133,501	38.0	10,041	2.9
Eastern	615,566	224,749	36.5	130,352	21.2	18,682	3.0
Northern	559,914	193,612	34.6	163,975	29.3	26,502	4.7
Western	500,903	240,984	48.1	173,872	34.7	22,648	4.5
<b>Uganda</b>	<b>2,027,655</b>	<b>842,616</b>	<b>41.6</b>	<b>601,700</b>	<b>29.7</b>	<b>77,873</b>	<b>3.8</b>

**Figure 6.12: Percentage Distribution of Ag HHs that Used Savings to Buy Food**



### 6.6.2 Ag HHs that Took Out a Loan to Buy Food

Overall, 92,000 out of 2.0 million or 4.5 percent Ag HHs that reported experiencing food shortage *Took out a loan* to buy food for *Adult Males* as a coping strategy to alleviate food shortage while 2.8 percent of the Ag HHs did likewise for *Adult Females* and none for *Children*.

The within region analysis showed that the Western Region had the highest percentage (7.4 %) of its Ag HHs that reported to have taken out a loan to buy food for *Adult Males* as a coping strategy to alleviate food shortage followed by the Central Region with 4.8 percent while the Northern Region had the least with 2.8 percent. Regarding *Adult Females*, the Western Region still had the highest percentage (4.0 %) of its Ag HHs that had reported *Took out a loan* to buy food as a coping strategy for adult females followed by the Northern Region with 2.8 percent while the Eastern Region had the least with 1.9 percent. As for *Children*, no Ag HH reported having taken out a loan to buy food as a coping strategy to alleviate food shortage.

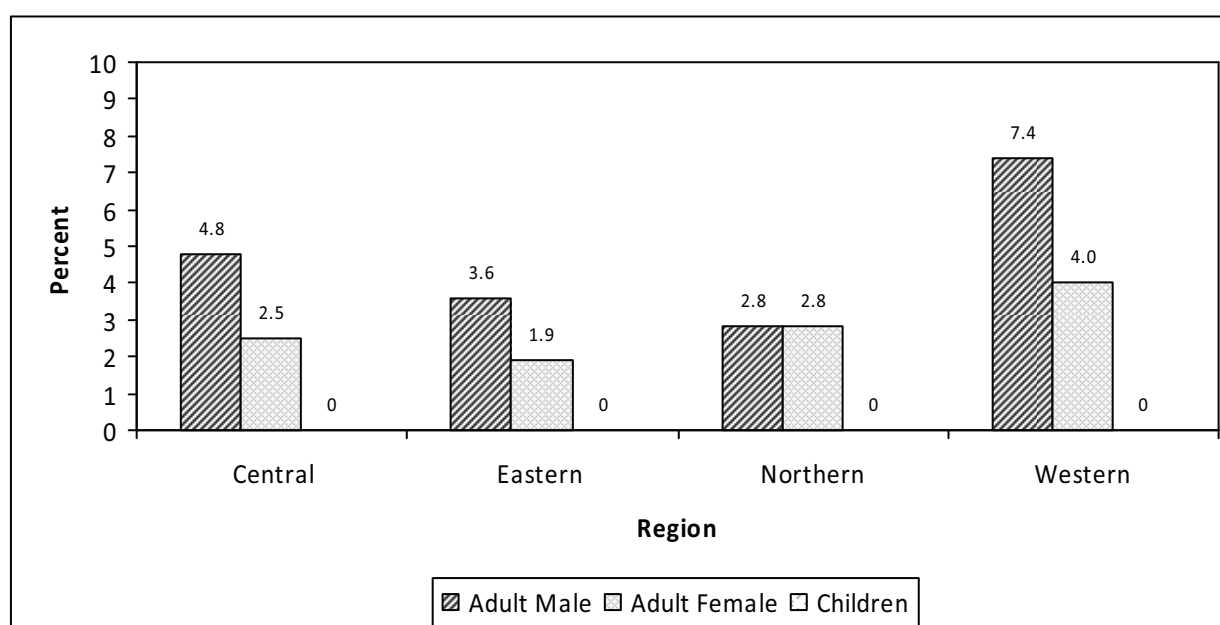
The districts that reported the highest percentage of their Ag HHs which *Took out a loan* to buy food as a coping strategy to alleviate food shortage for their *Adult Male* members included Kisoro (27.9 %), Lyantonde (23.9 %), and Kasese (18.6 %) while those for *Adult Female* members included Lyantonde (27.4 %), Kisoro (19.8 %) and Adjumani (17.5 %). It is worth noting that no district reported any of its Ag HHs taking out a loan to buy food as a coping strategy to alleviate food shortage for their child members.

The details are given in Table 6.12 and Figure 6.13 and district level data is provided in Annex 1 Table A6.5.

**Table 6.12: Distribution of Ag HHs that Took Out a Loan to Buy Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	17,018	4.8	8,705	2.5	0	0.0
Eastern	615,566	22,011	3.6	11,887	1.9	0	0.0
Northern	559,914	15,871	2.8	15,526	2.8	0	0.0
Western	500,903	37,177	7.4	19,889	4.0	0	0.0
Uganda	2,027,655	92,077	4.5	56,007	2.8	0	0.0

**Figure 6.13: Percentage Distribution of Ag HHs that Took Out a Loan to Buy Food**



### 6.6.3 Ag HHs that Sold Land to buy food

Overall, 83,000 out of 2.0 million (4.1 %) Ag HHs that reported experiencing food shortage *Sold Land* to buy food for *Adult Males* as a coping strategy to alleviate food shortage while about 1.5 percent of the Ag HHs did likewise for *Adult Females* and none for *Children*.

The within region analysis showed that the Northern Region had the highest percentage (5.6 %) of its Ag HHs that reported having *Sold Land* to buy food for *Adult Males* as a coping strategy to alleviate food shortage followed by the Eastern Region with 4.5 percent while the central Region had the least with 1.8 percent. Regarding *Adult Females*, the Northern Region still had the highest percentage (2.1 %) of its Ag HHs that had *Sold Land* to buy food as a coping strategy for *Adult Females* followed by the Western Region with 1.9 percent while the Central Region had the least with 0.5 percent. As for *Children*, no Ag HH reported having *Sold Land* to buy food as a coping strategy to alleviate food shortage.

Nakapiripit, Kabong and Pallisa were the districts that reported the highest percentage of their Ag HHs where *Adult Males Sold Land* to buy food as a coping strategy to alleviate food shortage with 30.5, 23.0 and 20.6 percent respectively while those for *Adult Female* members included Adjumani (10.4 %),

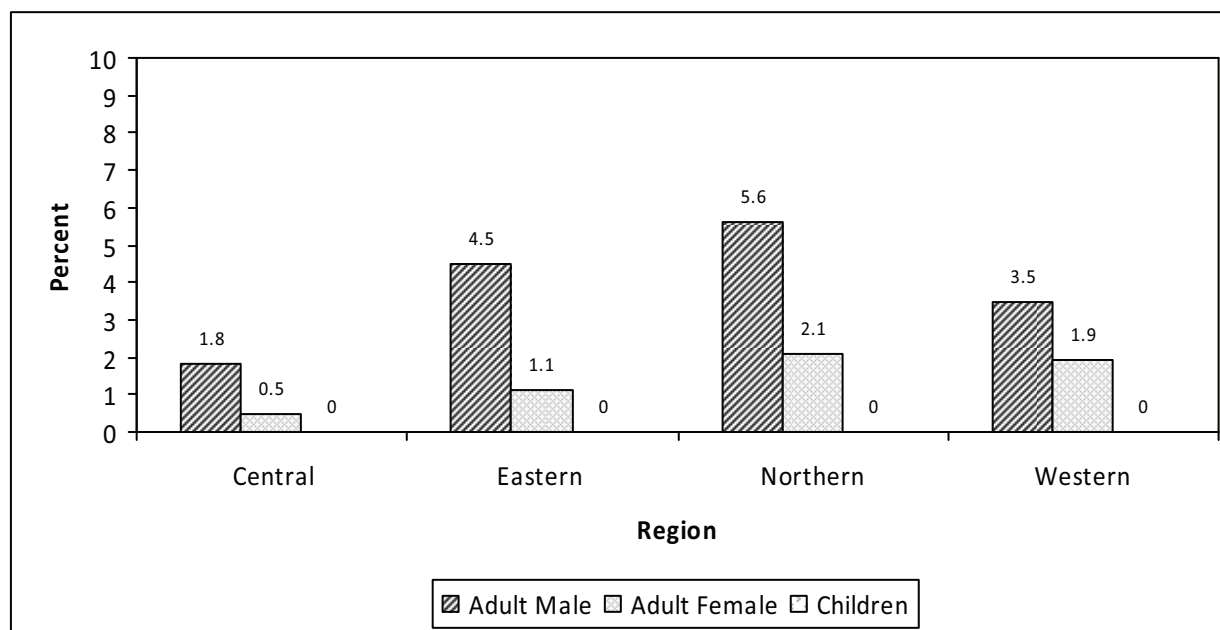
Lyantonde (6.3 %) and Abim (6.0 %). It is worth noting that no district reported any of its Ag HHs having *Children* that had *Sold Land* to buy food as a coping strategy to alleviate food shortage.

The details are given in Table 6.13 and Figure 6.14 and district level data is provided in Annex 1 Table A6.5.

**Table 6.13: Distribution of Ag HHs that Sold Land to buy food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	6,467	1.8	1,897	0.5	0	0.0
Eastern	615,566	27,951	4.5	7,067	1.1	0	0.0
Northern	559,914	31,593	5.6	11,494	2.1	0	0.0
Western	500,903	17,353	3.5	9,489	1.9	0	0.0
Uganda	2,027,655	83,364	4.1	29,947	1.5	0	0.0

**Figure 6.14: Percentage Distribution of Ag HHs that Sold Land to buy food**



#### 6.6.4 Ag HHs that Sold Livestock to Buy Food

Overall, 545,000 out of 2.0 million (26.9 %) Ag HHs that reported experiencing food shortage reported having Sold Livestock to buy food for Adult Males as a coping strategy to alleviate food shortage while 16.7 percent of the Ag HHs did likewise for Adult Females and only 3.4 percent for Children.

The within region analysis showed that the Northern Region had the highest percentage (35.5 %) of its Ag HHs that reported having Sold Livestock to buy food for Adult Males as a coping strategy to alleviate food shortage followed by the Eastern Region with 30.3 percent while the Central Region had the least with 16.2 percent. Regarding Adult Females, the Northern Region still had the highest percentage (19.7 %) of its Ag HHs that had Sold Livestock to buy food as a coping strategy for Adult Females followed by



the Eastern Region with 18.4 percent while the Western Region had the least with 12.8 percent. As for Children, the Eastern Region reported the highest percentage with 4.0 percent of its Ag HHs having Sold Livestock to buy food as a coping strategy to alleviate food shortage while the Western Region reported the least with 2.5 percent.

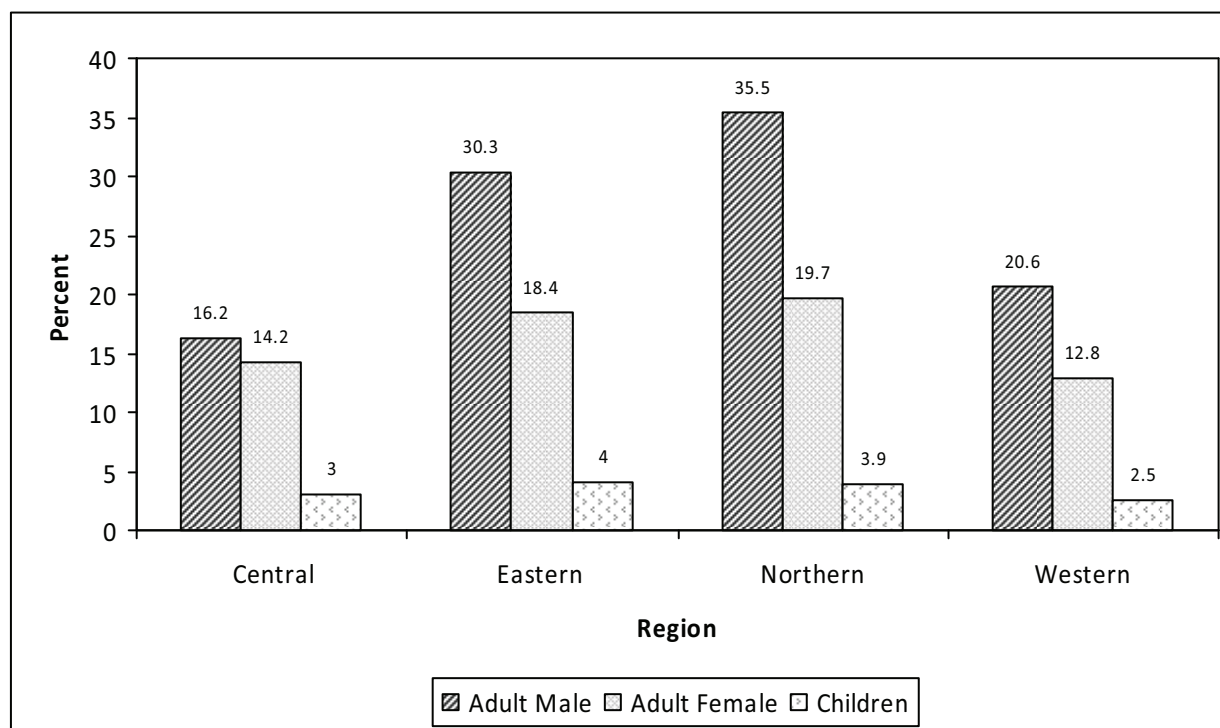
Nakapiripirit, Kotido and Nyadri were the districts that reported the highest percentage of their Ag HHs where Adult Males Sold Livestock to buy food as a coping strategy to alleviate food shortage with 82.4, 81.7, and 56.6 percent respectively while those where Adult Female members Sold Livestock to buy food included Kabong (75.9 %), Kaberamaido (49.4 %) and Lyantonde (41.8 %). Regarding child members, the districts that reported the highest percentage of their Ag HHs having Sold Livestock to buy food included Lyantonde (27.9 %), Kitgum (17.7 %) followed by Tororo with 16.5 percent.

The details are given in Table 6.14 and Figure 6.15 and district level data is provided in Annex 1 Table A6.5.

**Table 6.14: Distribution of Ag HHs that Sold Livestock to Buy Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	56,961	16.2	50,039	14.2	10,443	3.0
Eastern	615,566	186,373	30.3	113,151	18.4	24,778	4.0
Northern	559,914	198,871	35.5	110,484	19.7	21,667	3.9
Western	500,903	103,280	20.6	64,263	12.8	12,431	2.5
<b>Uganda</b>	<b>2,027,655</b>	<b>545,485</b>	<b>26.9</b>	<b>337,937</b>	<b>16.7</b>	<b>69,319</b>	<b>3.4</b>

**Figure 6.15: Percentage Distribution of Ag HHs that Sold Livestock to Buy Food**





### 6.6.5 Ag HHs that Got another Job to Buy Food

Overall, 220,000 out of 2.0 million (10.9 %) Ag HHs that experienced food shortage reported their Ag HH members as having *Got another job* to buy food for *Adult Males* as a coping strategy to alleviate food shortage while 6.4 percent of the Ag HHs did likewise for *Adult Females* and only 2.3 percent did so for *Children*.

The within region analysis showed that the Central Region had the highest percentage (14.4 %) of its Ag HHs that reported having *Got another job* to buy food for *Adult Males* as a coping strategy to alleviate food shortage followed by the Western Region with 12.0 percent while the Northern Region had the least with 9.2 percent. Regarding *Adult Females*, the Western Region had the highest percentage (7.9 %) of its Ag HHs that had *Got another job* to buy food as a coping strategy for adult females followed by the Northern Region with 7.7 percent while the Eastern Region had the least with 4.3 percent. As for *Children*, the Northern Region reported the highest percentage with 3.8 percent of its Ag HHs having *Got another job* to buy food as a coping strategy to alleviate food shortage while the Eastern Region reported the least with 1.2 percent.

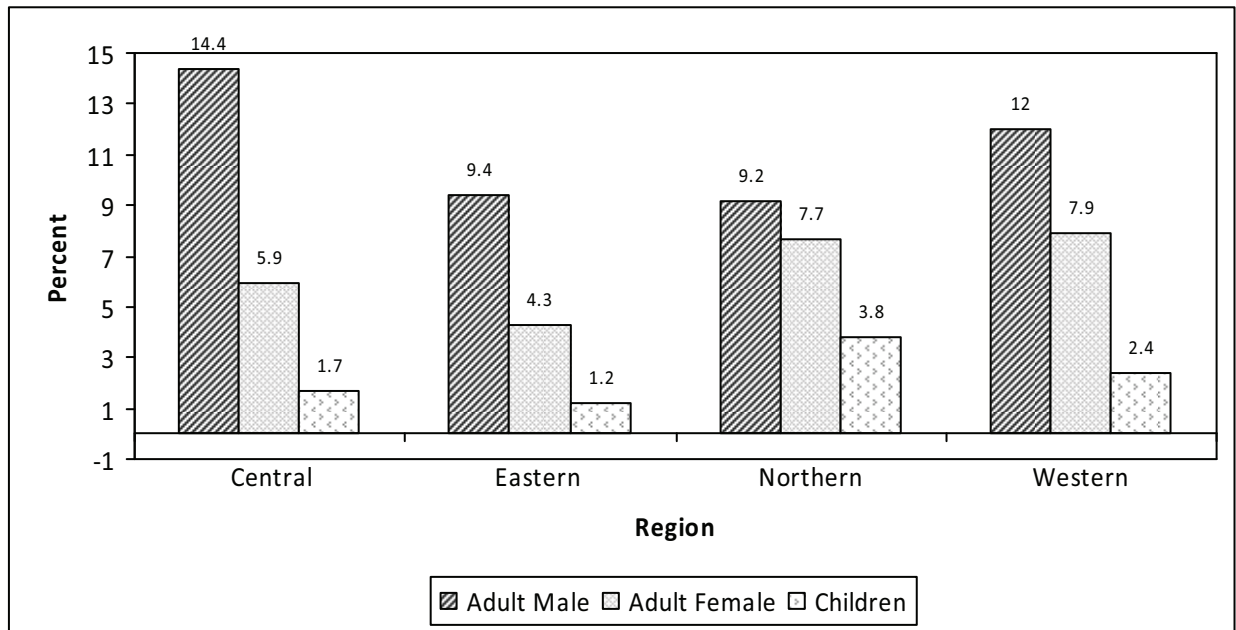
Lyantonde, Sironko and Nakasongola were the districts that reported the highest percentage of their Ag HHs where *Adult Male* members *Got another job* to buy food as a coping strategy to alleviate food shortage with 32.3, 31.8, and 31.3 percent respectively while those for *Adult Female* members included Lyantonde (30.4 %), Kitgum (28.5 %), and Masindi (25.2 %). Regarding getting of another job by Ag HH members to buy food *Children*, the districts that reported the highest percentage of their Ag HHs included Lyantonde (25.8 %), Kitgum (24.7 %) followed by Arua with 14.7 percent.

The details are given in Table 6.15 and Figure 6.16 and district level data is provided in Annex 1 Table A6.5.

**Table 6.15: Distribution of Ag HHs that their Heads Got another Job to Buy Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	50,660	14.4	20,563	5.9	5,863	1.7
Eastern	615,566	57,654	9.4	26,595	4.3	7,612	1.2
Northern	559,914	51,562	9.2	43,269	7.7	21,179	3.8
Western	500,903	60,332	12.0	39,733	7.9	11,858	2.4
<b>Uganda</b>	<b>2,027,655</b>	<b>220,208</b>	<b>10.9</b>	<b>130,160</b>	<b>6.4</b>	<b>46,512</b>	<b>2.3</b>

**Figure 6.16: Percentage Distribution of Ag HHs that their Heads Got another Job to Buy Food**



### 6.6.6 Ag HHs that Started or Expanded Family Business to Buy Food

Overall, 224,000 out of 2.0 million (11.1 %) Ag HHs that reported experiencing food shortage Started or Expanded Family Business to buy food for Adult Males as a coping strategy to alleviate food shortage while 9.9 percent of the Ag HHs did likewise for Adult Females and only 3.0 percent did so for Children.

The within region analysis showed that the Eastern Region had the highest percentage (12.2 %) of its Ag HHs that reported having Started or Expanded Family Business to buy food for Adult Males as a coping strategy to alleviate food shortage followed by the Northern Region with 11.8 percent while the Central Region had the least with 8.3 percent. Regarding Adult Females, the Northern Region had the highest percentage (12.6 %) of its Ag HHs that had Started or Expanded Family Business to buy food as a coping strategy for adult females followed by the Western Region with 10.1 percent while the Central Region had the least with 6.0 percent. As for Children, the Northern Region reported the highest percentage with 4.1 percent of its Ag HHs having Started or Expanded Family Business to buy food as a coping strategy to alleviate food shortage while the Central Region reported the least with 1.9 percent.

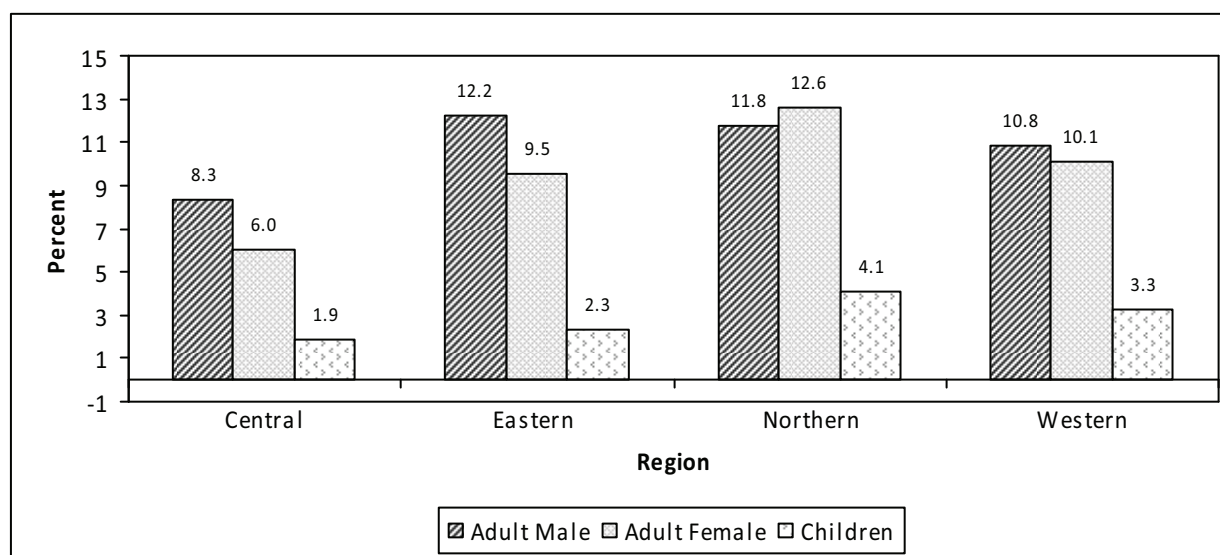
Buliisa, Amolatar and Lyantonde districts reported the highest percentage of their Ag HHs where Adult Males started or expanded a family business to buy food as a coping strategy to alleviate food shortage with 42.8, 34.2, and 30.1 percent respectively while those where Adult Female members did the same included Buliisa (38.4 %), Bundibugyo (35.6 %), and Amolatar (35.0 %). Regarding child members having Started or Expanded Family Business to buy food for the Ag HHs, the districts that reported the highest percentage of their Ag HHs included Lyantonde (28.3 %), Gulu (23.7 %) followed by Arua with 16.3 percent

The details are given in Table 6.16 and Figure 6.17 and district level data is provided in Annex 1 Table A6.5.

**Table 6.16: Distribution of Ag HHs that Started or Expanded Family Business to Buy Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	29,135	8.3	21,050	6.0	6,792	1.9
Eastern	615,566	74,822	12.2	58,488	9.5	13,884	2.3
Northern	559,914	66,161	11.8	70,613	12.6	23,220	4.1
Western	500,903	54,109	10.8	50,718	10.1	16,623	3.3
<b>Uganda</b>	<b>2,027,655</b>	<b>224,227</b>	<b>11.1</b>	<b>200,869</b>	<b>9.9</b>	<b>60,519</b>	<b>3.0</b>

**Figure 6.17: Percentage Distribution of Ag HHs that Started or Expanded Family Business to Buy Food**



### 6.6.7 Ag HHs that Got Help from Relatives or Others to Buy Food

Overall, 608,000 out of 2.0 million (30.0 %) Ag HHs that reported experiencing food shortage *Got Help from Relatives or Others* to **buy food** for *Adult Males* as a coping strategy to alleviate food shortage while 40.7 percent of the Ag HHs did likewise for *Adult Females* while 17.3 percent did so for *Children*.

The within region analysis showed that the Northern Region had the highest percentage (34.7 %) of its Ag HHs that reported having *Got Help from Relatives and Others* to buy food for *Adult Males* as a coping strategy to alleviate food shortage followed by the Eastern Region with 33.9 percent while the Central Region had the least with 22.4 percent. Regarding *Adult Females*, the Northern Region still had the highest percentage (46.7 %) of its Ag HHs that had *Got Help from Relatives and Others* to buy food as a coping strategy for *Adult Females* followed by the Eastern Region with 44.7 percent while the Central Region had the least with 30.1 percent. As for *Children*, the Northern Region again reported the highest percentage with 24.6 percent of its Ag HHs having *Got Help from Relatives and Others* to buy food as a coping strategy to alleviate food shortage while the Western Region reported the least with 12.4 percent.

Nakapiripirit, Oyam and Butaleja districts reported the highest percentage of their Ag HHs where the head of Ag HH *Got Help from Relatives and Others* to buy food as a coping strategy to alleviate food shortage for their *Adult Males* members with 67.9, 58.1, and 56.6 percent respectively while those for *Adult Female* members included Budaka (71.5 %), Kotido (68.0 %), and Nakapiripirit (67.9 %). Regarding *Children* having *Got Help from Relatives and Others* to buy food for Ag HHs, the districts that reported the highest

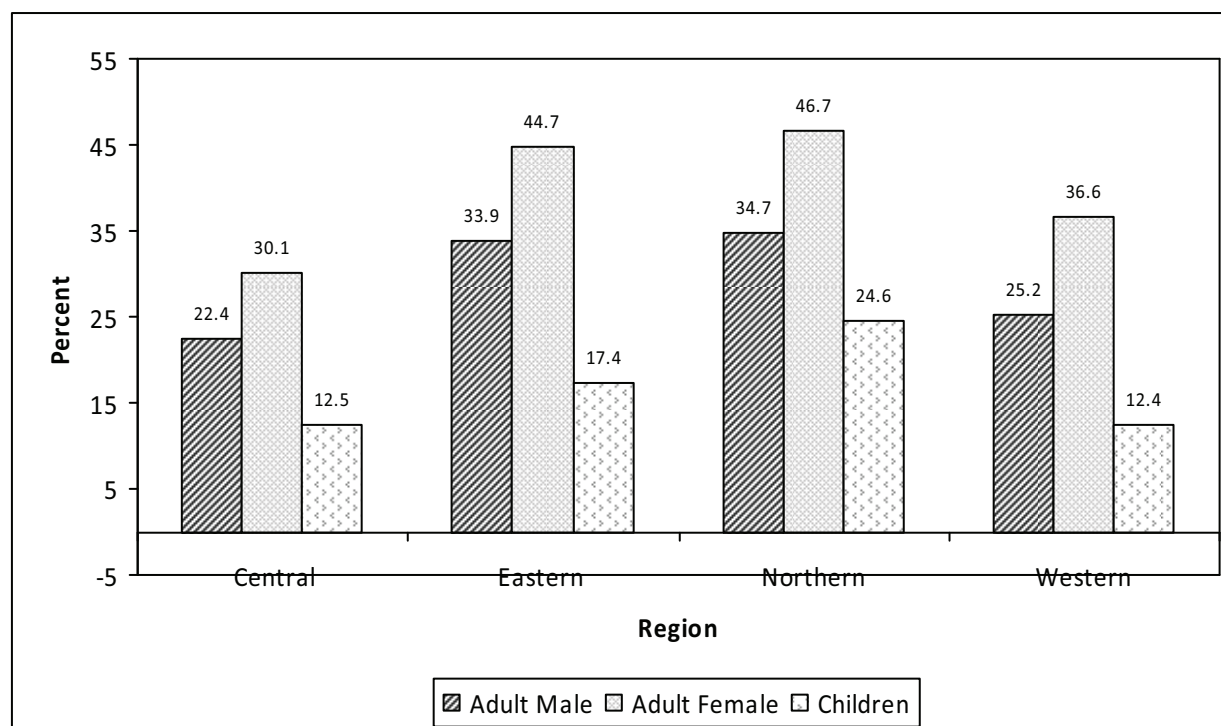
percentage of their Ag HHs in this category included Nakapiripirit (67.0 %), Lira (42.5 %) followed by Oyam with 40.1 percent.

The details are given in Table 6.17 and Figure 6.18 and district level data is provided in Annex 1 Table A6.5.

**Table 6.17: Distribution of Ag HHs that Got Help from Relatives or others to buy food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	78,616	22.4	105,828	30.1	43,756	12.5
Eastern	615,566	208,851	33.9	275,419	44.7	107,391	17.4
Northern	559,914	194,328	34.7	261,546	46.7	137,818	24.6
Western	500,903	126,202	25.2	183,149	36.6	62,084	12.4
<b>Uganda</b>	<b>2,027,655</b>	<b>607,997</b>	<b>30.0</b>	<b>825,942</b>	<b>40.7</b>	<b>351,049</b>	<b>17.3</b>

**Figure 6.18: Percentage Distribution of Ag HHs that Got Help from Relatives or Others to buy food**



### 6.6.8 Ag HHs that Got Help from Government to Buy Food

Overall, 219,000 out of 2.0 million (10.8 %) Ag HHs that reported experiencing food shortage *Got Help from Government* to buy food for *Adult Males* as a coping strategy to alleviate food shortage while 11.4 percent of the Ag HHs did likewise for *Adult Females* while 8.5 percent did so for *Children*.

The within region analysis showed that the Northern Region had the highest percentage (20.1 %) of its Ag HHs that reported having *Got Help from Government* to buy food for *Adult Males* as a coping strategy to alleviate food shortage followed by the Eastern Region with 11.5 percent while the Western Region had the least with 3.6 percent. Regarding *Adult Females*, the Northern Region still had the highest percentage (21.8 %) of its Ag HHs that had *Got Help from Government* to buy food as a coping strategy for adult females followed by the Eastern Region with 11.9 percent while the Western Region had the

least with 3.6 percent. As for *Children*, the Northern Region again reported the highest percentage with 14.9 percent of its Ag HHs having *Got Help from Government* to buy food as a coping strategy to alleviate food shortage while the Western Region reported the least with 3.1 percent.

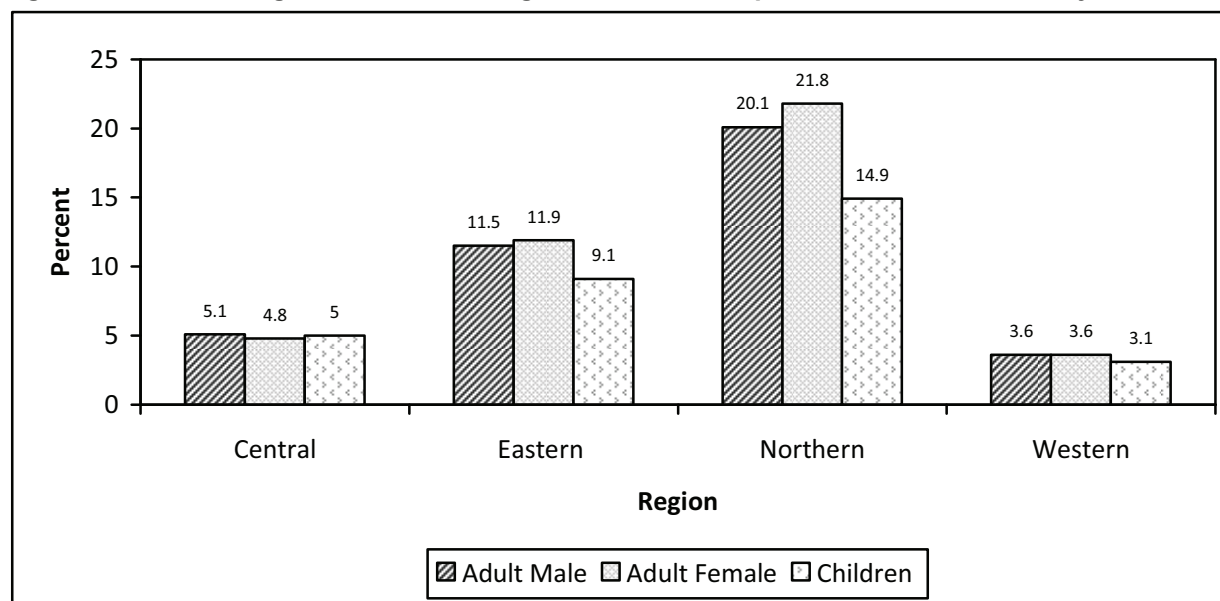
Nakapiripirit, Kotido and Kabong were the districts that reported the highest percentage of their Ag HHs where *Adult Male* members *Got Help from Government* to secure food as a coping strategy to alleviate food shortage with 95.9, 75.5, and 63.3 percent respectively while those for *Adult Female* members included the same districts with 96.7, 78.8 and 67.8 percent. Regarding *Children* having *Got Help from Government* to secure food for the Ag HHs, the districts that reported the highest percentage of their Ag HHs included Nakapiripirit (95.9 %), Kabong (63.4 %) followed by Abim with 57.3 percent.

The details are given in Table 6.18 and Figure 6.19 and district level data is provided in Annex 1 Table A6.5.

**Table 6.18: Distribution of Ag HHs that Got Help from Government to Buy Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	17,875	5.1	16,921	4.8	17,469	5.0
Eastern	615,566	70,600	11.5	72,988	11.9	56,137	9.1
Northern	559,914	112,467	20.1	122,267	21.8	83,441	14.9
Western	500,903	17,987	3.6	18,051	3.6	15,597	3.1
Uganda	2,027,655	218,929	10.8	230,227	11.4	172,644	8.5

**Figure 6.19: Percentage Distribution of Ag HHs that Got Help from Government to Buy Food**



### 6.6.9 Ag HHs that Got Help from Charities

Overall, 178,000 out of 2.0 million (8.8 %) Ag HHs that reported experiencing food shortage *Got Help from Charities* to buy food for *Adult Males* as a coping strategy to alleviate food shortage while 11.3 percent of the Ag HHs did likewise for *Adult Females* and while 8.2 percent did so for *Children*.

The within region analysis showed that the Northern Region had the highest percentage (18.7 %) of its Ag HHs that reported having *Got Help from Charities* to buy food for *Adult Males* as a coping strategy to alleviate food shortage followed by the Eastern Region with 6.9 percent while the Central Region had the

least with 3.5 percent. Regarding *Adult Females*, the Northern Region still had the highest percentage (23.5 %) of its Ag HHs that had Got Help from Charities to buy food as a coping strategy for adult females followed by the Eastern Region with 8.3 percent while the Western Region had the least with 5.4 percent. As for *Children*, the Northern Region again reported the highest percentage with 17.1 percent of its Ag HHs having Got Help from Charities to buy food as a coping strategy to alleviate food shortage while the Western Region reported the least with 3.8 percent.

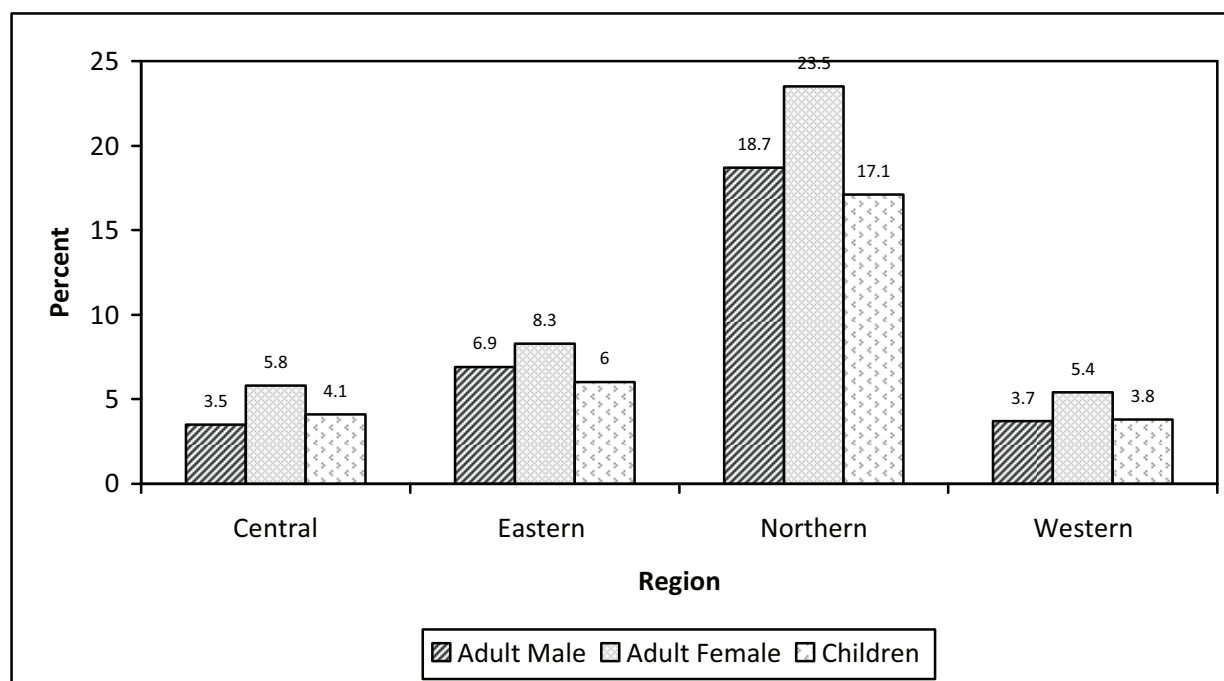
Kotido, Nakapiripirit and Gulu were the districts that reported the highest percentage of their Ag HHs where *Adult Males Got Help from Charities* to secure food as a coping strategy to alleviate food shortage with 82.8, 65.4, and 48.8 percent respectively while the *Adult Female* members got help from charities mostly in the same districts with 83.7, 66.2 and 58.3 percent. Regarding child members getting help from charities to secure food for Ag HHs, the districts that reported the highest percentage of their Ag HHs included Nakapiripirit (65.4 %), Moroto (50.6 %) followed by Abim with 49.5 percent.

The details are given in Table 6.19 and Figure 6.20 and district level data is provided in Annex 1 Table A6.5.

**Table 6.19: Distribution of Ag HHs that Got Help from Charities to Buy Food**

Region	Ag HHs that experienced food shortage	Adult Male		Adult Female		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	351,272	12,323	3.5	20,492	5.8	14,262	4.1
Eastern	615,566	42,284	6.9	50,897	8.3	36,826	6.0
Northern	559,914	104,612	18.7	131,332	23.5	95,821	17.1
Western	500,903	18,594	3.7	26,994	5.4	18,953	3.8
Uganda	2,027,655	177,813	8.8	229,715	11.3	165,862	8.2

**Figure 6.20: Percentage Distribution of Ag HHs that Got Help from Charities to Buy Food**



### 6.6.10 Fear for a Food Shortage during a Future Twelve-Month Reference Period

Information was collected on the fears of a household for a food shortage during the coming twelve-month reference period, such as the next agricultural year. Fears for a food shortage referred to the household's fear of getting into a food shortage situation at any time during the reference period because of the threat of natural disaster, loss of crops, loss of a job, or other factors. The fear of food shortage relates to the household's own assessment of their food security situation for the coming year.

Overall, seventy one percent (71.0 %) i.e. 1.4 million out of 2.0 million of all the Ag HHs that experienced food shortage during the reference period expressed likelihood of experiencing food shortage in the next 12 months. A comparison across Regions revealed that the Eastern Region had the highest number, 468,000 out of 1.4 million Ag HHs (32.5 %) of its Ag HHs reported as being prone to food shortage during the next 12 months. This was closely followed by the Northern Region with 31.1 percent while the Central Region had the least (13.7 %).

The districts that reported the highest likelihood of their Ag HHs experiencing food shortage in the next 12 months were Budaka and Nakapiripirit with all Ag HHs reporting likelihood, followed by Moroto (96.2 %), Dokolo (94.8 %), Katakwi (93.7 %), Arua (92.6 %), Amuria (92.4 %), Butaleja (92.2 %), Abim (91.5 %) and Kabong (91.0 %), Kitgum (90.2 %) and Isingiro (90.1 %).

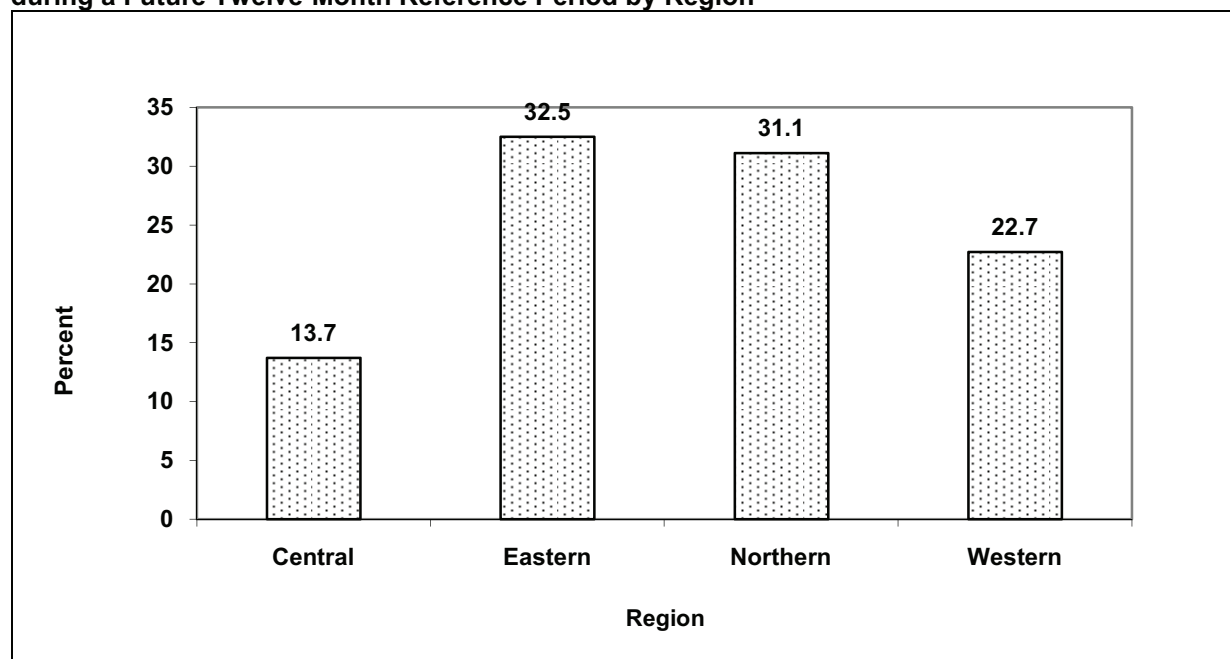
The details are in Table 6.20 and Figure 6.21 and district level data is provided in Annex 1 Table A6.6.

**Table 6.20: Distribution of Ag HHs that are Likelihood of Food Shortage in next 12 Months**

Region	Ag HHs that experienced food shortage	Ag HHs reporting Likelihood of Food Shortage in next 12 months	
		No of Ag HHs	%
Central	351,272	196,554	13.7
Eastern	615,566	467,920	32.5
Northern	559,914	447,330	31.1
Western	500,903	326,927	22.7
<b>Uganda</b>	<b>2,027,655</b>	<b>1,438,731</b>	<b>100.0</b>



**Figure 6.21: Percentage Distribution of Ag HHs that were likely to Experience Food Shortage during a Future Twelve-Month Reference Period by Region**



## 6.7 Presence and Magnitude of Natural Disaster

The UCA also sought information on whether the household's food security situation was affected by specified natural disasters during the census reference year. For the purposes of the agricultural census, natural disasters were taken to include the major climatic and physical events, as well as major pest attacks. Ag HHs that may have suffered because of more than one disaster were allowed to report accordingly.

In addition to reporting on the incidence of natural disasters, Ag HHs were asked to indicate the extent of the loss as a result of the overall effect of the natural disasters and not the effects of specific disasters or the effects on specific crops or livestock.

Loss for crops was assessed in terms of the effect on crop production in comparison with a normal year, such as: slight – less than 20 percent; moderate – 20–40 percent lower; severe – more than 40 percent. Similar criteria were used for livestock.

### 6.7.1 Floods

Out of the 2.0 million Ag HHs that experienced Food Shortage, 608,000 constituting 30.0 percent experienced Floods. Out of the Ag HHs that experienced Floods, 62,000 (3.1 %) reported Severe extent of damage to agricultural produce.

Analysis within regions revealed that the Northern Region reported the highest percentage of its Ag HHs, 186,000 out of 559,914 (33.2 %) that were affected by Floods followed by the Eastern and Western Regions with each having 29.2 percent while the Central Region had the least with 27.3 percent. It is worth noting that much as more Ag HHs reported being affected by Floods in the Northern Region, the extent of damage of agricultural produce was more pronounced in the Western and Eastern Regions.

Kampala, Hoima and Butaleja districts reported the highest percentage of their Ag HHs reporting incidence of Floods during the reference period with 84.3, 79.5 and 76.0 percent respectively. On the other hand, Katakwi with 37.7 percent, Ntungamo (34.4 %) and Adjumani (27.5 %), reported the highest percentage of their Ag HHs having experienced Severe loss of agricultural output during the same period.

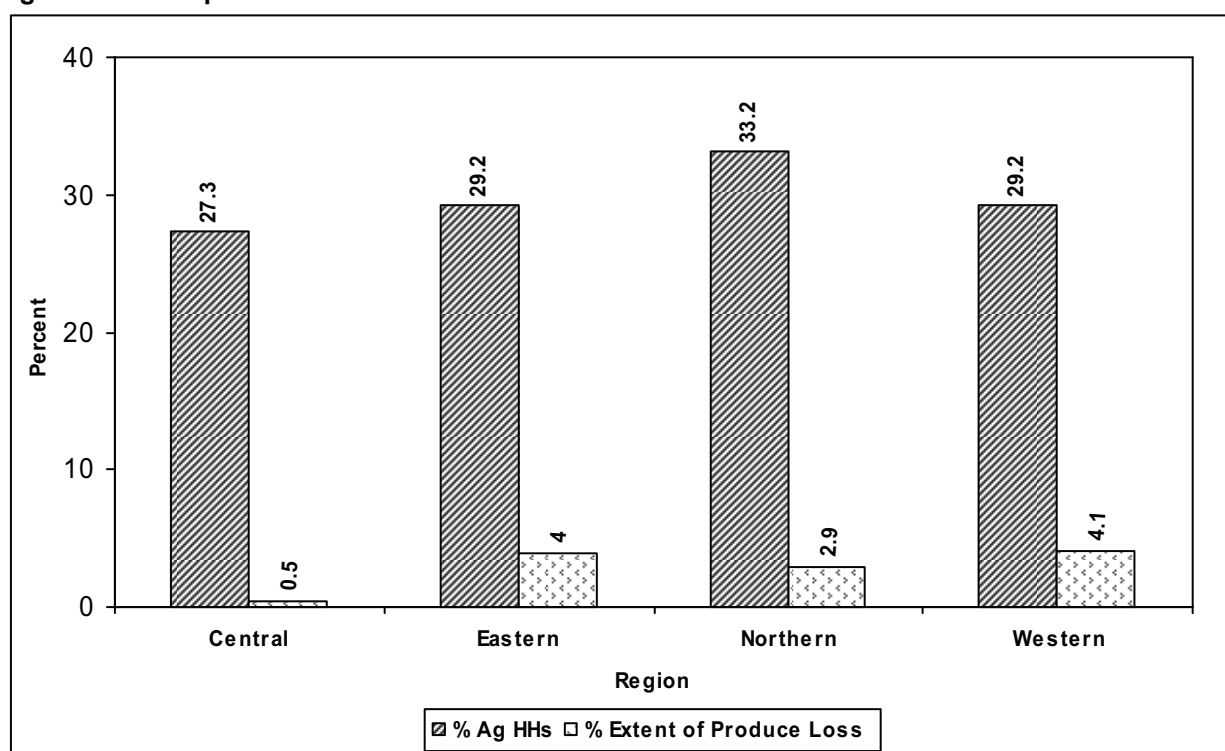
The details are provided in Table 6.21 and Figure 6.22 and district level data is provided in Annex 1 Table A6.7.



**Table 6.21: Distribution of Ag HHs that were Affected by Floods and Extent of Loss of Agricultural Output**

Region	Ag HHs that experienced food shortage	Ag HHs reporting Floods		Ag HHs reporting severe extent of damage to agricultural output	
		No of Ag HHs	%	No of Ag HHs	%
Central	351,272	95,857	27.3	1,847	0.5
Eastern	615,566	179,980	29.2	24,668	4.0
Northern	559,914	185,812	33.2	16,107	2.9
Western	500,903	146,125	29.2	20,671	4.1
<b>Uganda</b>	<b>2,027,655</b>	<b>607,774</b>	<b>30.0</b>	<b>63,293</b>	<b>3.1</b>

**Figure 6.22: Percentage Distribution of Ag HHs that were Affected by Floods and Extent of Loss of Agricultural Output**



## 6.7.2 Drought

Out of the 2.0 million AgHHs that experienced Food Shortage, 1.8 million constituting 91.5 percent experienced Drought. Out of these, 1.1 million (53.9 %) reported Severe extent of damage to agricultural produce.

Analysis within regions revealed that the Northern Region had the highest percentage, (95.2 %), of its Ag HHs that reported having experienced Drought followed by the Central Region with 93.2 percent while the Eastern Region was the least (91.4 %). Regarding the extent of damage of agricultural output, the Central

and Northern Regions reported the highest percentages with 65.7 and 64.6 percent respectively while the Western Region had the least (39.4 %).

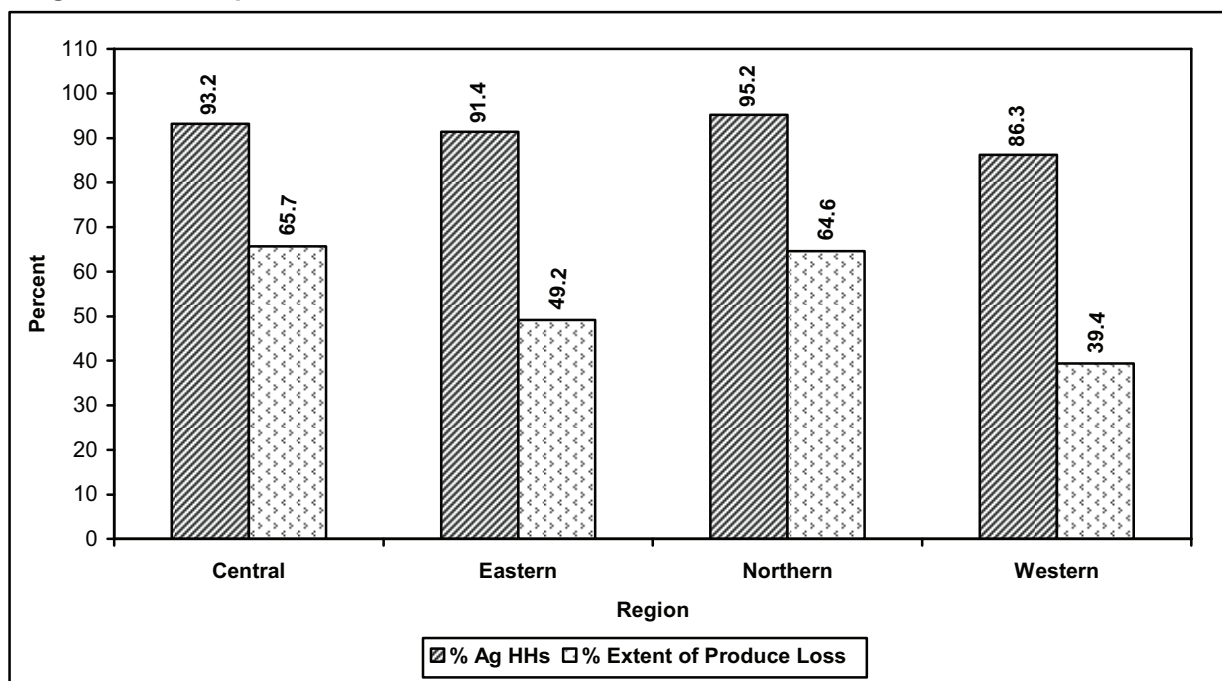
District level analysis revealed that Hoima, Budaka, Rukungiri, Kibaale, Kaliro, Nakaseke, Kamuli, Arua, Katakwi, Dokolo, Nakapiririt, Lira, Bukwo and Kabong districts reported the highest percentages with almost all their Ag HHs reporting incidence of Drought during the reference period. However, in terms of loss of agricultural output, the district of Dokolo with 98.2 percent, Arua (96.7 %), Abim (94.9 %) reported the highest percentages of their Ag HHs as having experienced Severe loss of agricultural output due to Drought during the same period.

The details are provided in Table 6.22 and Figure 6.23 and district level data is provided in Annex 1 Table A6.8.

**Table 6.22: Distribution of Ag HHs that were Affected by Drought and Extent of Loss of Agricultural Output**

Region	Ag HHs that experienced food shortage	Ag HHs reporting Drought		Ag HHs reporting severe extent of damage to agricultural output	
		No of Ag HHs	%	No of Ag HHs	%
Central	351,272	327,512	93.2	230,799	65.7
Eastern	615,566	562,813	91.4	302,948	49.2
Northern	559,914	533,245	95.2	361,972	64.6
Western	500,903	432,246	86.3	197,370	39.4
Uganda	2,027,655	1,855,816	91.5	1,093,089	53.9

**Figure 6.23: Percentage Distribution of Ag HHs that were Affected by Drought and Extent of Loss of Agricultural Output**



### 6.7.3 Hailstorms

Out of the 2.0 million Ag HHs that Experienced Food Shortage, 944,000 constituting 46.6 percent experienced Hail storms. Out of these, 156,000 (7.7 %) reported Severe extent of damage to agricultural produce.

Analysis within regions revealed that the Western Region had the highest percentage, 273,000 out of 500,903 (54.5 %) of its Ag HHs reporting having experienced Hailstorms followed by the Northern Region with 50.9 percent. It is worth noting that the extent of damage of agricultural output due to hail storms was correspondingly highest in the Western Region (13.4 %) followed by the Northern Region (7.8 %).

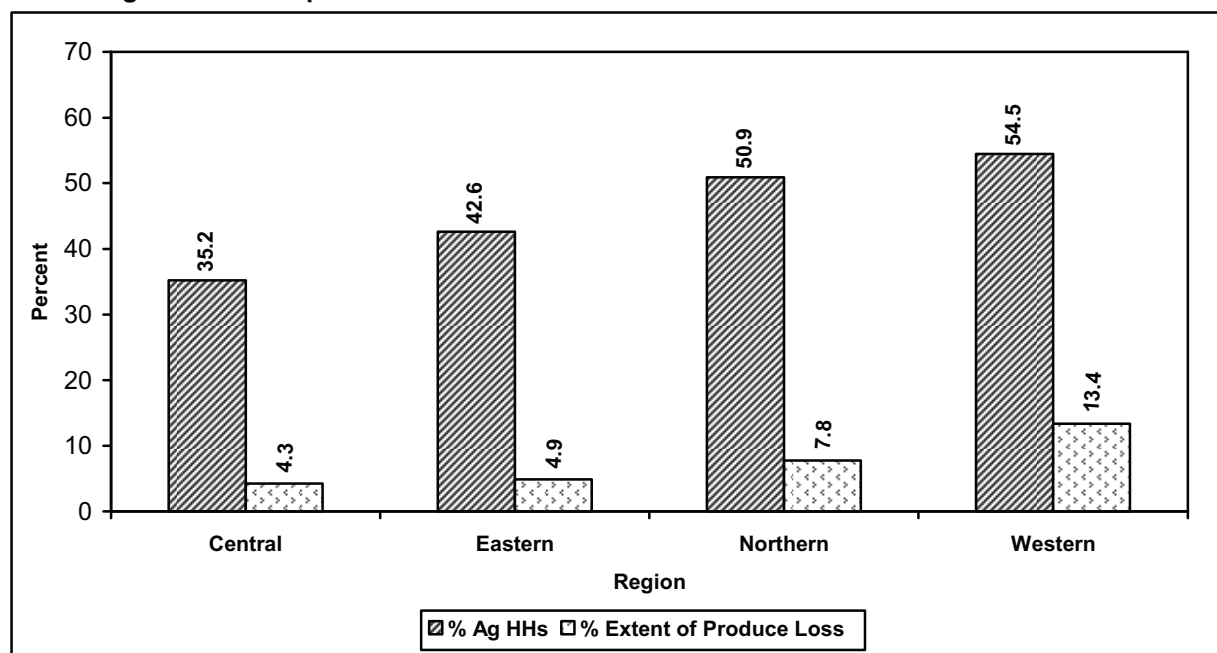
District level analysis revealed that Hoima with all its Ag HHs, followed by Rukungiri (98.6 %), Busia (83.7 %) and then Oyam (76.5 %) were the districts that reported the highest percentages of their Ag HHs as having experienced Hailstorms during the reference period. On the other hand, Rukungiri with 56.8 percent, Kalangala (40.7 %) and Ntungamo (38.7 %), reported the highest percentage of their Ag HHs having experienced Severe loss of agricultural output due to Hailstorms during the same period.

The details are provided in Table 6.23 and Figure 6.24 and district level data is provided in Annex 1 Table A6.9.

**Table 6.23: Distribution of Ag HHs that were Affected by Hailstorms and Extent of Loss of Agricultural Output**

Region	Ag HHs that experienced food shortage	Ag HHs reporting Hailstorms		Ag HHs reporting severe extent of damage to agricultural output	
		No of Ag HHs	%	No of Ag HHs	%
Central	351,272	123,511	35.2	15,268	4.3
Eastern	615,566	262,276	42.6	29,966	4.9
Northern	559,914	285,029	50.9	43,698	7.8
Western	500,903	273,240	54.5	66,901	13.4
Uganda	2,027,655	944,056	46.6	155,833	7.7

**Figure 6.24: Percentage Distribution of Ag HHs that were Affected by Hailstorms and Extent of Loss of Agricultural Output**



#### 6.7.4 Pests/Diseases

Out of the 2.0 million Ag HHs that experienced *Food Shortage*, 1.3 million constituting 66.0 percent experienced *Pests/diseases*. Out of these, 277,000 (13.7 %) reported *Severe* extent of damage to agricultural produce.

Analysis within regions revealed that the Northern Region had the highest percentage, 400,000 out of 559,914 (71.5 %), of Ag HHs reporting having experienced *Pests/diseases* followed by the Eastern Region with 66.7 percent. It is worth noting that much as the Northern and Eastern Regions had higher percentages of their Ag HHs reporting *Pests/diseases*, the extent of damage of agricultural output due to *Pests/diseases* was highest in the Western and Central Regions with 17.5 percent and 15.6 percent respectively.

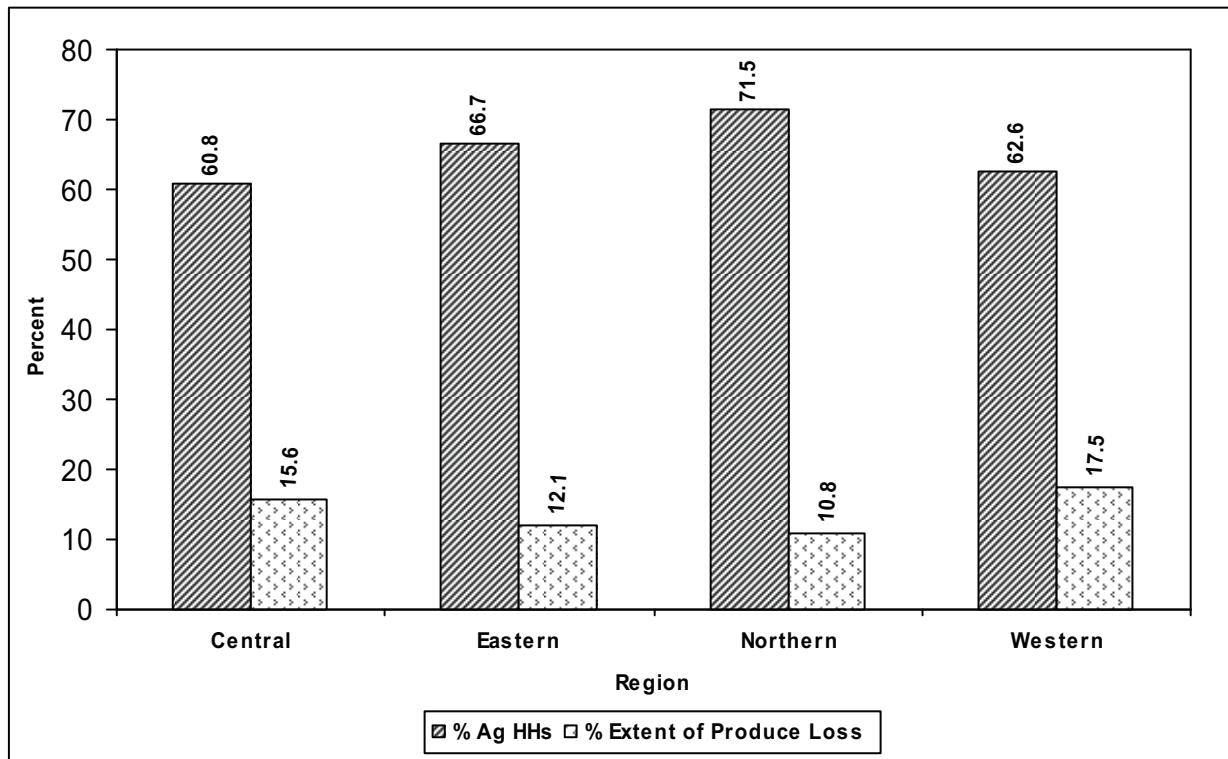
District level analysis revealed that Hoima with all its Ag HHs, Katakwi (96.2 %), Budaka (96.1 %) and Lyantonde (95.4 %) were the districts that reported the highest percentages of their Ag HHs having experienced *Pests/diseases* during the reference period. On the other hand, Bundibugyo with 68.7 percent, Nakapiripirit (61.2 %) and Kalangala (58.3 %), reported the highest percentage of their Ag HHs as having experienced *Severe* loss of agricultural output due to *Pests/diseases* during the same period.

The details are provided in Table 6.24 and Figure 6.25 and district level data is provided in Annex 1 Table A6.10.

**Table 6.24: Distribution of Ag HHs that were Affected by Pests/Diseases and Extent of Loss of Agricultural Output**

Region	Ag HHs that experienced food shortage	Ag HHs reporting Pests/diseases		Ag HHs reporting severe extent of damage to agricultural output	
		No of Ag HHs	%	No of Ag HHs	%
Central	351,272	213,544	60.8	54,823	15.6
Eastern	615,566	410,650	66.7	74,468	12.1
Northern	559,914	400,077	71.5	60,502	10.8
Western	500,903	313,377	62.6	87,587	17.5
<b>Uganda</b>	<b>2,027,655</b>	<b>1,337,648</b>	<b>66.0</b>	<b>277,380</b>	<b>13.7</b>

**Figure 6.25: Percentage Distribution of Ag HHs that were Affected by Pests/Diseases and Extent of Loss of Agricultural Output**



#### 6.7.4 Erratic Rains

Out of the 2.0 million Ag HHs that experienced *Food Shortage*, 823,000 constituting 40.6 percent experienced *Erratic rains*. Out of these, 149,000 (7.4 %) reported *Severe* extent of damage to agricultural produce.

Analysis within regions revealed that the Western Region had the highest percentage of its Ag HHs, 231,000 out of 500,903 (46.1 %) that were affected by *Erratic Rains* followed by the Northern Region with 42.0 percent while the Eastern Region had the least (36.3 %). The trend of reporting for the extent of damage of agricultural output is similar.

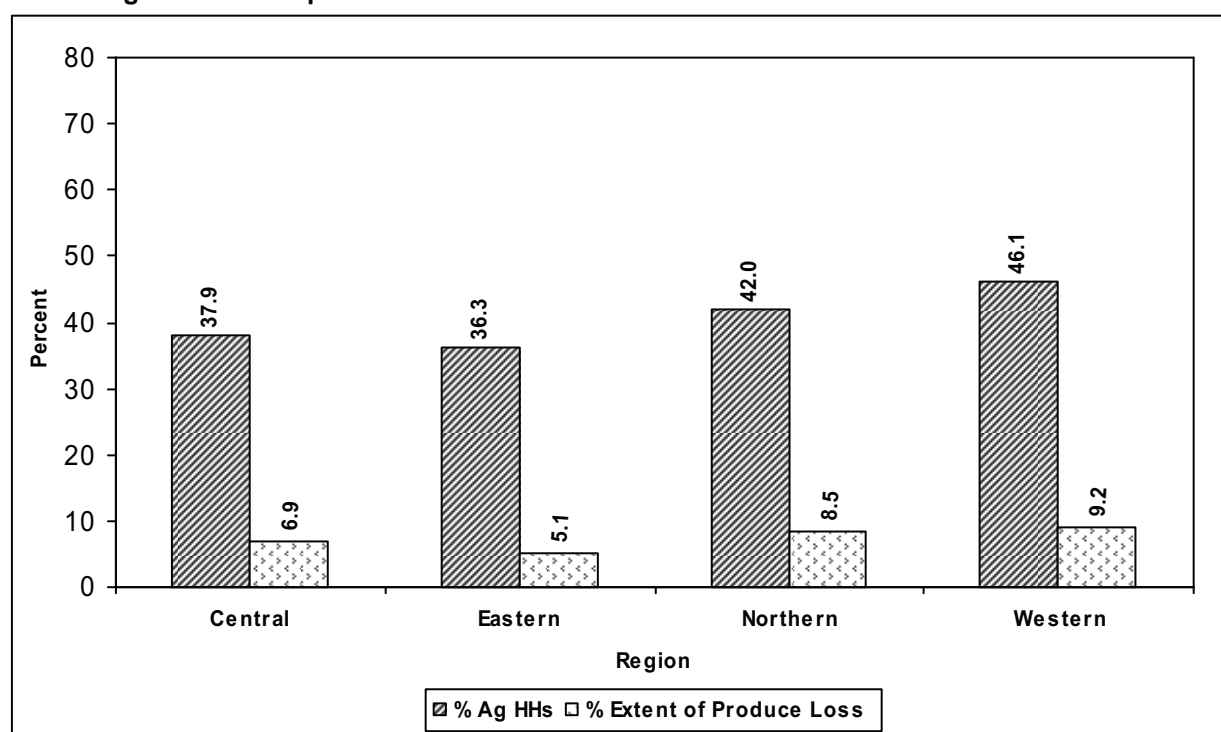
District level analysis revealed that Nyadri, Hoima and Kisoro districts reported the highest percentages of their Ag HHs as having experienced *Erratic Rains* during the reference period with 96.4, 90.0 and 85.3 percent respectively. On the other hand, Nakapiripirit with 50.2 percent, Luwero (44.8 %) and Oyam (34.3 %), reported the highest percentage of their Ag HHs having experienced *Severe* loss of agricultural output due to *Erratic Rains* during the same period.

The details are provided in Table 6.25 and Figure 6.26 and district level data is provided in Annex 1 Table A6.11.

**Table 6.25: Distribution of Ag HHs that were Affected by Erratic Rains and Extent of Loss of Agricultural Output**

Region	Ag HHs that experienced food shortage	Ag HHs reporting Erratic Rains		Ag HHs reporting severe extent of damage to agricultural output	
		No of Ag HHs	%	No of Ag HHs	%
Central	351,272	133,151	37.9	24,146	6.9
Eastern	615,566	223,696	36.3	31,464	5.1
Northern	559,914	235,251	42.0	47,339	8.5
Western	500,903	230,950	46.1	46,211	9.2
<b>Uganda</b>	<b>2,027,655</b>	<b>823,048</b>	<b>40.6</b>	<b>149,160</b>	<b>7.4</b>

**Figure 6.26: Percentage Distribution of Ag HHs that were Affected by Erratic Rains and Extent of Loss of Agricultural Output**



### 6.7.5 Insecurity

Out of the 2.0 million Ag HHs that experienced Food Shortage, 675,000 constituting 33.3 percent experienced Insecurity. Out of these, 106,000 (5.2 %) reported Severe extent of damage to agricultural produce.

Analysis within regions revealed that the Northern Region was reported by 218,000 out of 559,914 (38.9 %) of the Ag HHs that reported having experienced Food Shortage as having been affected by Insecurity followed by the Western Region with 33.4 percent. Out of the 106,000 Ag HHs that experienced Severe extent of damage to agricultural output, more than a half (53,500) were from the Northern Region.

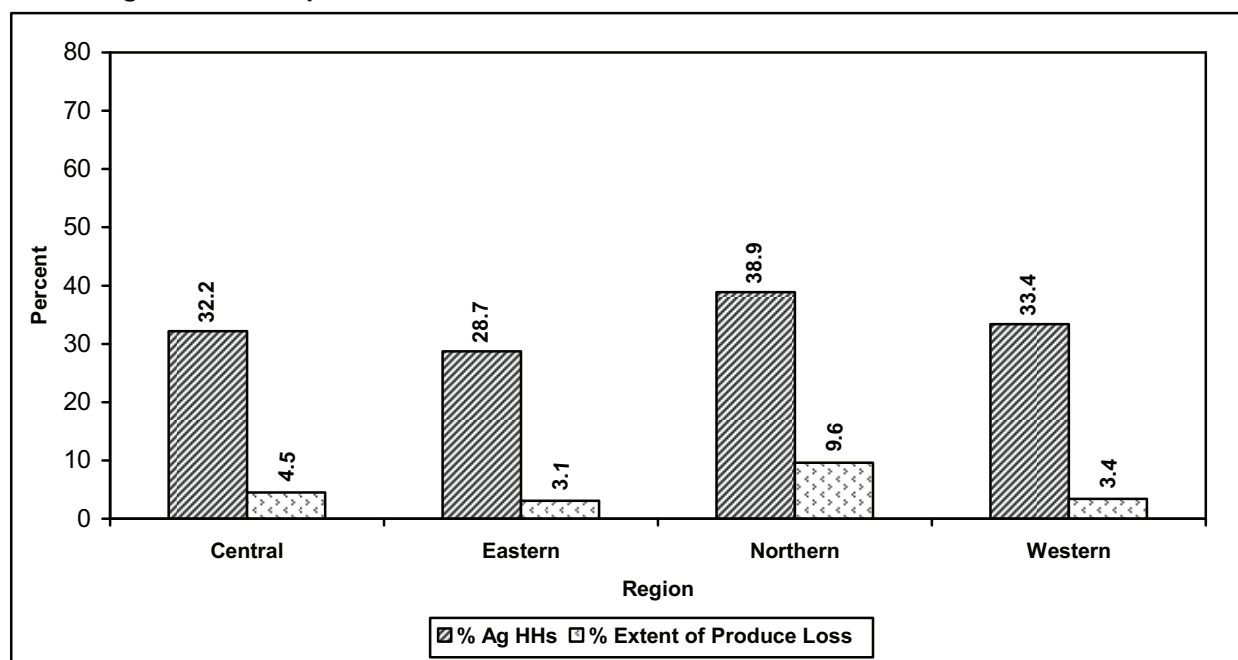
District level analysis revealed that Hoima with all Ag HHs, Kabong (94.2 %), Moroto (84.8 %) and Nakapiripirit (83.0 %) districts reported the highest percentages of their Ag HHs having experienced Insecurity during the reference period. As for loss of agricultural output, the districts that reported the highest percentage of their Ag HHs experiencing Severe loss of agricultural output due to insecurity during the same period were Moroto with 73.4 percent, Kotido (53.6 %) and Abim (44.2 %).

The details are provided in Table 6.26 and Figure 6.27 and Figure 6.22 and district level data is provided in Annex 1 Table A6.12.

**Table 6.26: Distribution of Ag HHs that were Affected by Insecurity and Extent of Loss of Agricultural Output**

Region	Ag HHs that experienced food shortage	Ag HHs reporting Insecurity		Ag HHs reporting severe extent of damage to agricultural output	
		No of Ag HHs	%	No of Ag HHs	%
Central	351,272	113,061	32.2	15,777	4.5
Eastern	615,566	176,689	28.7	19,214	3.1
Northern	559,914	217,805	38.9	53,496	9.6
Western	500,903	167,399	33.4	17,030	3.4
Uganda	2,027,655	674,954	33.3	105,517	5.2

**Figure 6.27: Percentage Distribution of Ag HHs that were Affected by Insecurity and Extent of Loss of Agricultural Output**



## 6.8 Summary of Findings

- 6.8.1 The Census results revealed that out of the estimated 3.6 million Ag HHs that responded to the question, 2.0 million Ag HHs (56.7 %) reported that their members were not able to afford eating what they would normally eat during the reference period.
- 6.8.2 The results also showed that 1.1 million (52.4 %) of the Ag HHs that reported having experienced Food Shortage, reported the month of June as the period when they experienced food shortage, followed by 46.1 and 45.8 percent of the Ag HHs reporting the months of May and July respectively.
- 6.8.3 The months of July 2009, May 2009, June 2009 and October 2008 were reported as the months when the Central (58.9 %), Eastern (60.5 %), Northern (75.5 %) and Western (46.9 %) Regions had the highest percentage of Ag HHs that experienced Food Shortage respectively.
- 6.8.4 Overall, the census results revealed that Loss of Crops/Insufficient Production was advanced by 71.4 percent of Ag HHs as the major reason for Food Shortage followed by Lack of Adequate Capital (19.3 %) and Lack of Adequate Land (10.0 %).
- 6.8.5 The results revealed that 1.0 million out of 2 million (53.1 %) of Ag HHs that experienced Food Shortage reported their Adult Female members adopting Skipping Meals as an immediate response to Food Shortage.
- 6.8.6 The results also showed that Adult Female members of the Ag HH bore the brunt of Food Shortage in the majority of Ag HHs compared to other members. In addition, the Use of Savings to Buy Food and Getting Assistance from relatives were the major coping strategies adopted by a majority of Ag HHs for all categories of Ag HH members. No Ag HH had child members Took Out a Loan or Sold Land to Buy Food .
- 6.8.7 Most Ag HHs that experienced Food Shortage reported having been affected by Drought and Pests/Diseases with varying extents of loss of agricultural output across regions and that the majority (71 %) of the Ag HHs that experienced Food Shortage expressed fear for Food Shortage during the 12 months after enumeration.



## CHAPTER SEVEN

### ECONOMIC ACTIVITIES AND SOURCES OF INCOME

#### 7.1 Introduction

Economic activities are the activities that deal with the production and distribution of goods and services which generate earnings to those engaged in the activity but also satisfy the needs and wants of the consumers.

By definition, Other Economic Production Activities are economic production activities undertaken by the holding enterprise other than agricultural production. During the census, Other Economic Production activities of the holding enterprise that were covered included:

##### (a) Other Economic Production Activities

- i) Other Agricultural Production
- ii) Agricultural services,
- iii) Hunting, trapping, game propagation and related service activities,
- iv) Forestry, logging and related service activities,
- v) Fishing, aquaculture and related service activities,
- vi) Manufacturing,
- vii) Wholesaler and retail trade and
- viii) Hotels and restaurants.

##### (b) Other Sources of Household Income Activities

Further, data was collected on Other Sources of Household Income such as:

- I) Income derived from economic production activities other than agricultural production;
- II) Income from paid employment
- III) Pensions and investment income
- IV) Remittances-Internal (Within Uganda)
- V) Remittances-External (Outside Uganda)

## 7.2 Ag HHs that undertook Other Economic Production Activities

Out of the 3.6 million Ag HHs that responded, 1.1 million Ag HHs (29.8 %) reported undertaking *Other Economic Production Activities other than agricultural production*.

Regional distribution indicated that the Eastern Region (33.0 %) had the highest percentage of Ag HHs that undertook *Other Economic Production Activities*, followed by the Western Region (26.3 %) while the Central Region with 17.1 percent had the least percentage of Ag HHs.

The within region analysis indicated that the Northern Region (33.2 %) had the highest percentage of its Ag HHs that undertook *Other Economic Production Activities*, followed by the Eastern Region (32.9 %) while the Central Region with 25.6 percent had the least percentage of Ag HHs..

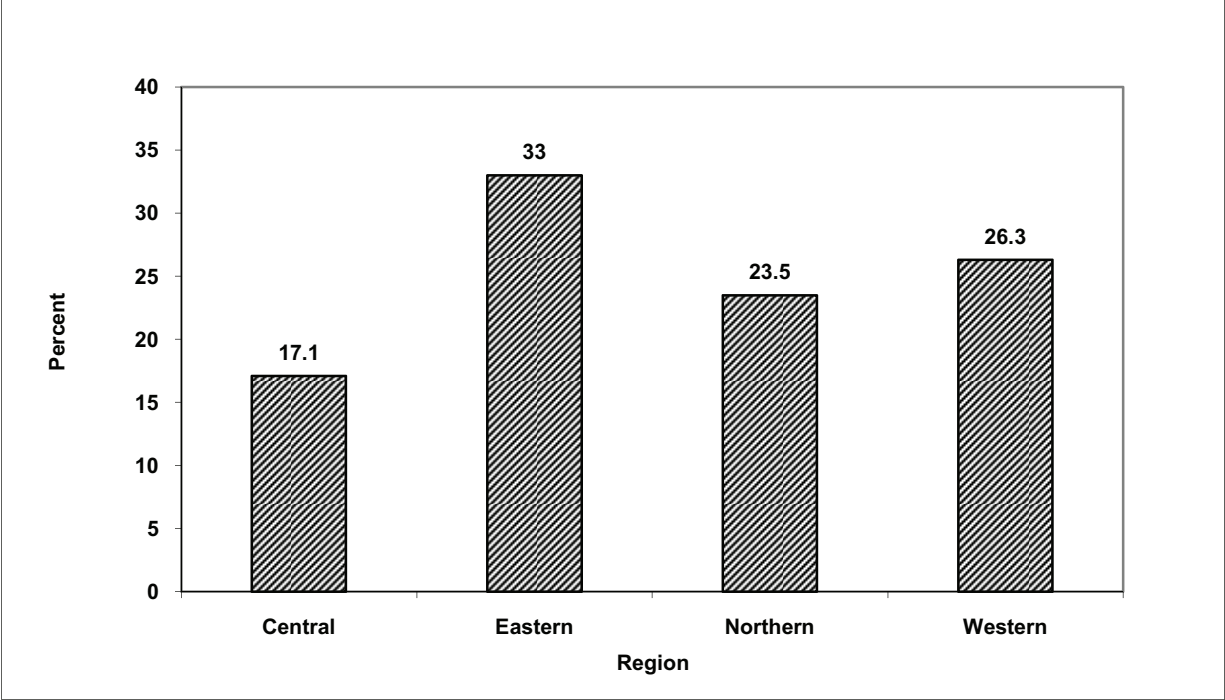
The districts of Mukono (34.7 %), Amuria (56.2 %), Pader (62.3 %) and Hoima (42.4 %) had the highest proportions of their Ag HHs practicing other economic production activities in the Central, Eastern, Northern and Western regions respectively.

The details are provided in Table 7.1 and Figures 7.1 and 7.2 and district level data is provided in Annex 1 Table A7.1.

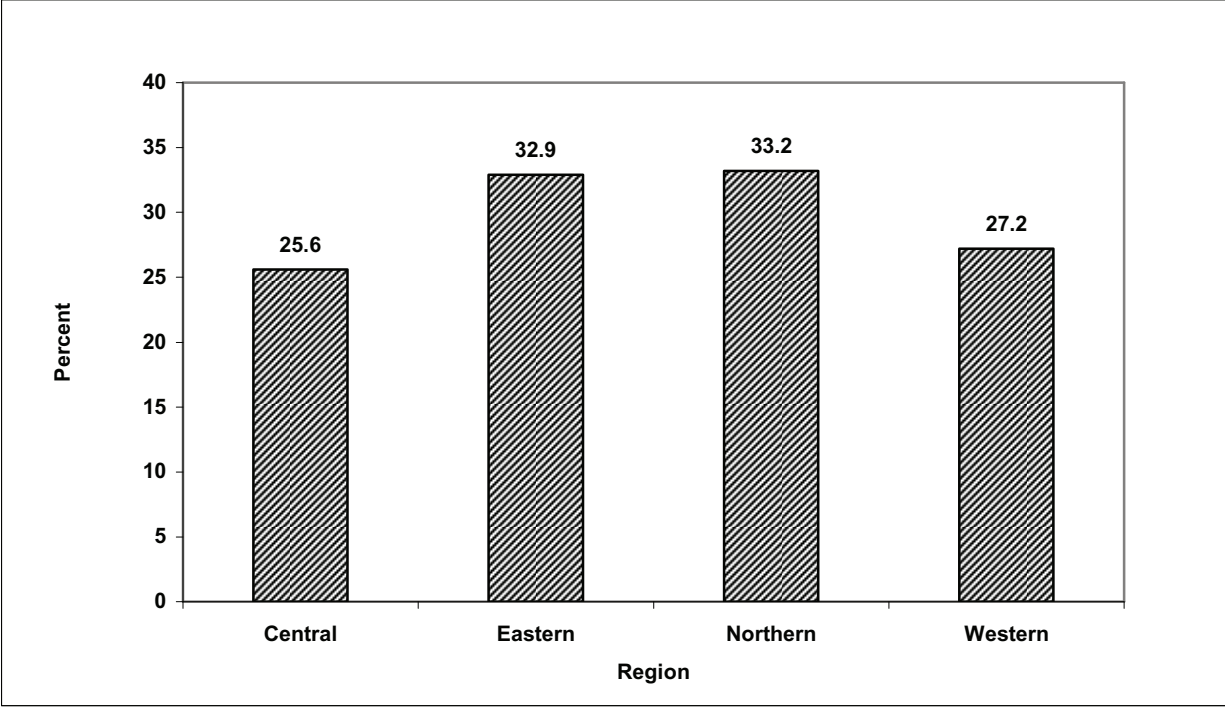
**Table 7.1: Ag HHs that practiced Other Economic Production Activities.**

Region	Ag HHs	Ag HHs that reported having practiced Other Economic Production Activities.		
		No of Ag HHs	% between Regions	% within Regions
Central	715,486	182,917	17.1	25.6
Eastern	1,069,885	352,227	33.0	32.9
Northern	755,701	251,004	23.5	33.2
Western	1,033,992	280,887	26.3	27.2
<b>Uganda</b>	<b>3,575,064</b>	<b>1,067,035</b>	<b>100</b>	<b>29.8</b>

**Figure 7.1: Percentage Distribution of Ag HHs that practiced Other Economic Production Activities by Region (between Regions)**



**Figure 7.2: Percentage Distribution of Ag HHs that practiced Other Economic Production Activities by Region (within Regions)**



## 7.2.1 Ag HHs that undertook Other Agricultural Production by Category of Ag HH Member

Out of the 1.1 million Ag HHs with members that undertook *Other Economic Production Activities* in Uganda, 288,000 (27.0 %), 210,000 (19.7 %) and 49,000 (4.6 %) reported that their respective *Male, Female and Children* members undertook *Other Agricultural Production activities*.

The within region analysis showed that the Northern Region had the highest percentage (31.0 %) of its Ag HHs that undertook *Other Agricultural Production* by Male members followed by the Eastern Region with 26.9 percent while the Central Region reported the least (23.2 %). A similar pattern was observed for Ag HHs *Child* members. In the case of *Female members*, the Central Region reported the highest percentage (21.9 %) of its Ag HHs who undertook *Other Agricultural Production* while the Eastern Region (17.9 %) reported the least.

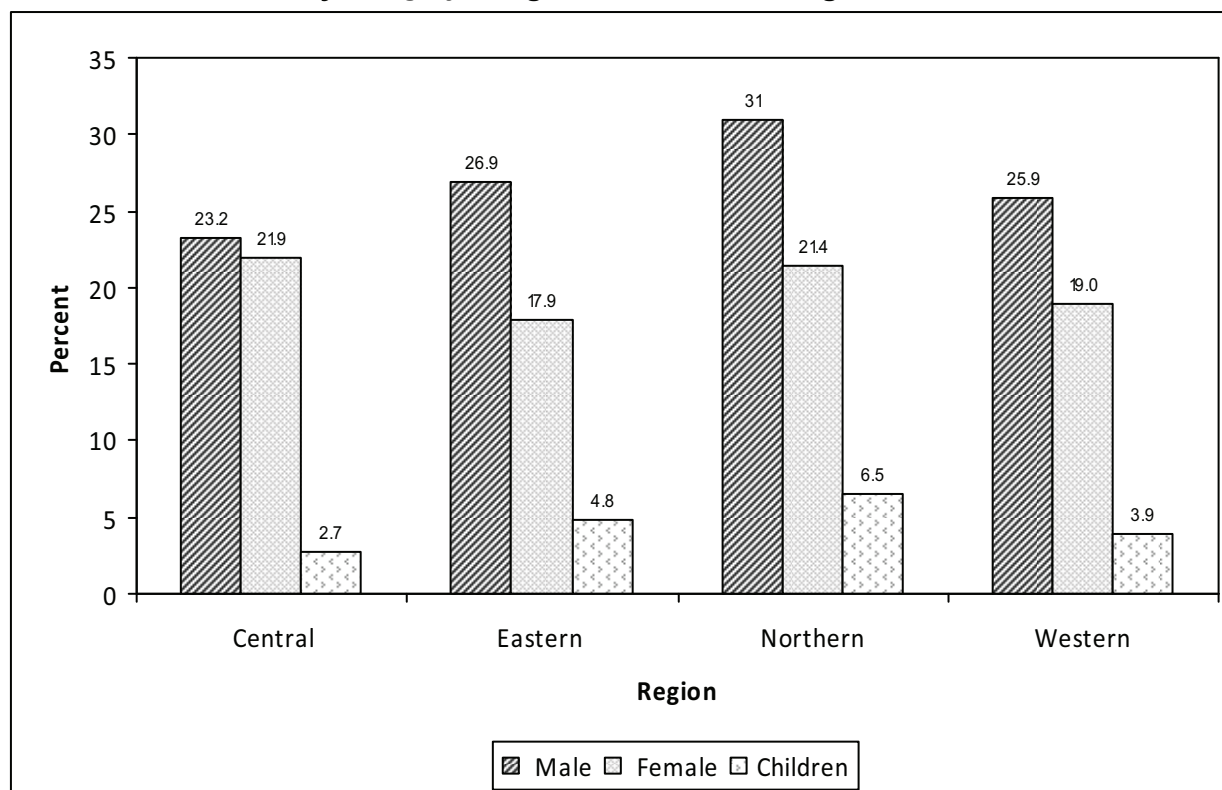
Analysis within districts revealed that the districts of Mityana (37.6 %), Mbale (57.3 %), Nakapiripirit (85.1 %) and Buliisa (50.2 %) had the highest percentage of their Ag HHs that reported practicing *Other Agricultural Production* activities by *Male* members in the Central, Eastern, Northern and Western Regions respectively. Likewise, the districts with the highest percentage of Ag HHs that reported the same activity for their *Female* members in the Central, Eastern, Northern and Western Regions were Masaka (39.4 %), Kumi (43.3 %), Abim (78.1 %) and Buliisa (53.9 %) respectively. It should also be noted that Abim district (70.7 %) had the highest percentage of its Ag HHs that undertook *Other Agricultural Production* activities by *Child* members in Uganda.

The details are provided in Table 7.2 and Table 7.3 and district level data is provided in Annex 1 Table A7.2.

**Table 7.2: Ag HHs that undertook Other Agricultural Production Activities by Category of Ag HH Member and Region**

Region	Ag HHs that practiced other econ activities	Ag. Households reporting <i>other agric production</i> activities by					
		Male members		Female members		Children	
		No of hh	%	No of hh	%	No of hh	%
Central	182,917	42,388	23.2	40,139	21.9	4,936	2.7
Eastern	352,227	94,705	26.9	63,107	17.9	16,994	4.8
Northern	251,004	77,908	31.0	53,710	21.4	16,362	6.5
Western	280,887	72,749	25.9	53,257	19.0	10,914	3.9
<b>Uganda</b>	<b>1,067,035</b>	<b>287,750</b>	<b>27.0</b>	<b>210,213</b>	<b>19.7</b>	<b>49,206</b>	<b>4.6</b>

**Figure 7.3: Percentage Distribution of Ag HHs that undertook Other Economic Production Activities by Category of Ag HH Member and Region**



### 7.2.2 Ag HHs whose member(s) provided Agricultural Services by Category of Ag HH Member

Census results also indicated that from all Ag HHs with members that undertook *Other Economic Production Activities* in the country, 83,000 (7.8 %), 68,000 (6.4 %) and 18,000 (1.7 %) reported that their respective males, females and child members provided *Agricultural Services*.

Analysis within regions showed that the Western Region (9.2 %) had the highest percentage of its Ag HHs that provided *Agricultural Services* by Male members followed by the Northern Region with 8.6 percent while the Central Region reported the least (5.8 %). The same pattern was observed for the Ag HHs that reported female and child members that provided these services.

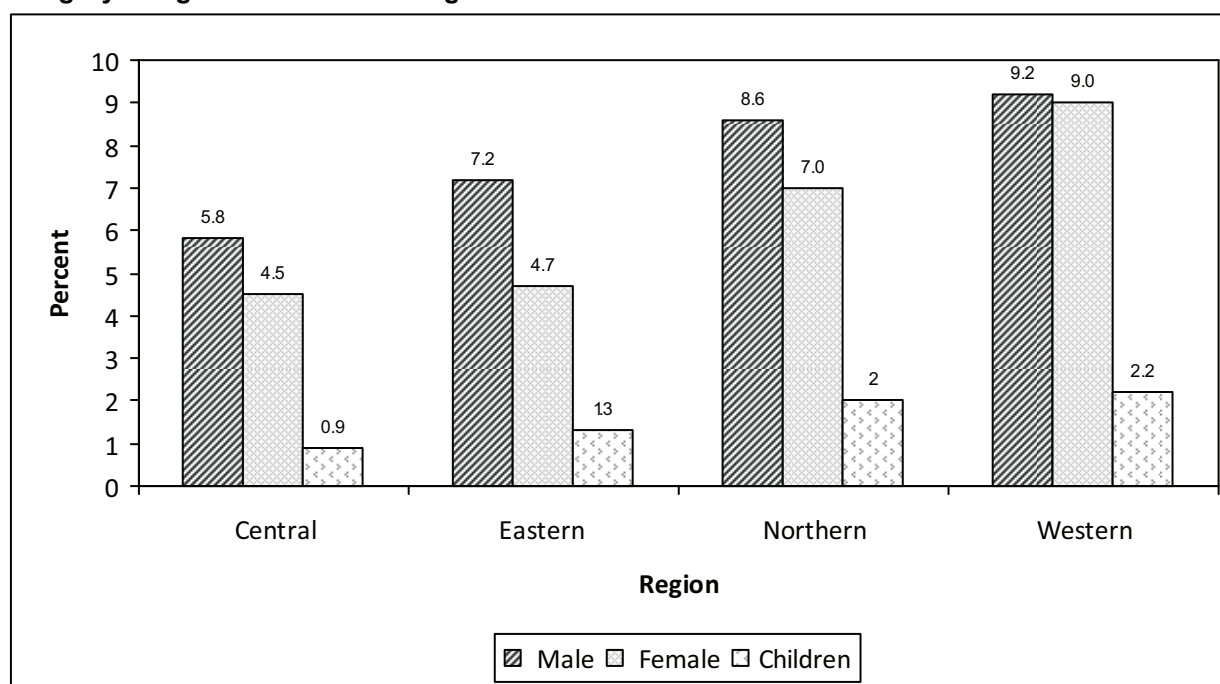
District level analysis revealed that Sembabule with 14.6 percent, Katakwi (21.7 %), Kotido (64.1 %) and Isingiro (28.2 %) had the highest percentage of their Ag HHs that reported provision of *Agricultural Services* by Male members in the Central, Eastern, Northern and Western Regions respectively. Similarly, the districts with the highest percentage of Ag HHs that reported the same service provision by their Female members in the Central, Eastern, Northern and Western Regions were Mpigi (10.3 %), Katakwi (20.9 %), Kotido (77.2 %) and Kabale (28.5 %) respectively.

The details are provided in Table 7.3 and district level data is provided in Annex 1 Table A7.3.

**Table 7.3: Ag HHs whose member(s) provided Agricultural Services by Category of Ag HH Member and Region**

Region	Ag HHs that practiced other econ activities	Ag. HHs that reported Practice of Agric Services activities by					
		Male members		Female members		Children	
		No of hh	%	No of hh	%	No of hh	%
Central	182,917	10,629	5.8	8,153	4.5	1,690	0.9
Eastern	352,227	25,363	7.2	16,552	4.7	4,735	1.3
Northern	251,004	21,527	8.6	17,687	7.0	4,977	2.0
Western	280,887	25,861	9.2	25,378	9.0	6,289	2.2
<b>Uganda</b>	<b>1,067,035</b>	<b>83,380</b>	<b>7.8</b>	<b>67,771</b>	<b>6.4</b>	<b>17,691</b>	<b>1.7</b>

**Figure 7.4: Percentage Distribution of Ag HHs whose member(s) provided Agricultural Services by Category of Ag HH Member and Region**



### 7.2.3 Ag HHs whose member(s) undertook Hunting, Trapping, Game Propagation and Related Service Activities by Category of Ag HH Member

From the Ag HHs with members that carried out *Other Economic Production Activities* in the country, 80,000 (7.5 %), 7,500 (0.7 %) and 27,000 (2.6 %) reported that their respective *Male, Female and Children* members undertook *Hunting, Trapping, Game propagation and related activities*.

Within region analysis showed that the Northern Region had the highest percentage (19.1 %) of its Ag HHs with Male members that undertook *Hunting, Trapping, Game propagation and related activities*. This was followed by the Eastern Region with 4.2 percent while the Western Region reported the least (3.5 %). The Northern Region reported the highest percentage (2.1 %) of its Ag HHs where Female members undertook the same activity while the Central Region (0.2 %) reported the least. The latter pattern was observed for *Child* members' engagement.

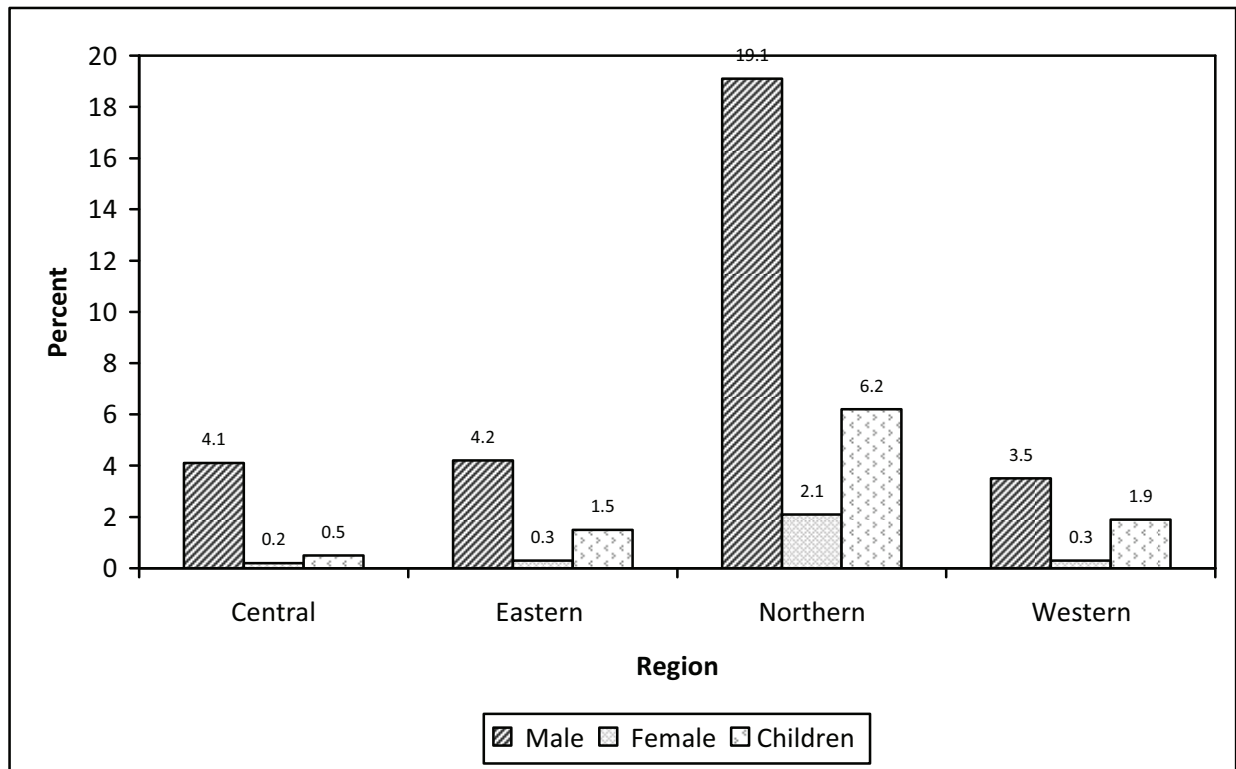
Just like at the regional level, analysis at district level revealed that Hunting, Trapping, Game Propagation and Related Activities were practiced by male Ag HH members compared to their other counterparts. Districts of Kiboga with 37.7 percent, Bukedea (19 %), Abim (57.6 %) and Hoima/Ntungamo (13.5 %) reported the highest proportions of their Ag. HHs practicing the activity by male members in the Central, Eastern, Northern and Western Regions respectively.

The details are provided in Table 7.4 and Figure 7.5 and district level data is provided in Annex 1 Table A7.4.

**Table 7.4: Ag HHs whose member(s) undertook Hunting, Trapping, Game Propagation and Related Service Activities by Category of Member and Region**

Region	Ag HHs that practiced other econ activities	Ag. HHs that reported hunting, trapping, game propagation and related activities by their;					
		Male members		Female members		Children	
		No. of Ag HH	%	No. of Ag HH	%	No. of Ag HH	%
Central	182,917	7,583	4.1	327	0.2	988	0.5
Eastern	352,227	14,846	4.2	1,086	0.3	5,325	1.5
Northern	251,004	47,969	19.1	5,303	2.1	15,586	6.2
Western	280,887	9,947	3.5	809	0.3	5,387	1.9
<b>Uganda</b>	<b>1,067,035</b>	<b>80,346</b>	<b>7.5</b>	<b>7,526</b>	<b>0.7</b>	<b>27,286</b>	<b>2.6</b>

**Figure 7.5: Percentage Distribution of Ag HHs whose Member(s) undertook Hunting, Trapping, Game Propagation and Related Service Activities by Category of Member and Region**



#### **7.2.4 Ag HHs whose member(s) undertook Forestry, Logging and Related Service Activities by Category of Ag HH Member**

Out of all the Ag HHs with members that undertook *Other Economic Production Activities* in Uganda, 40,000 (3.8 %), 14,000 (1.3 %) and 3,800 (0.4 %) reported that their respective *Male, Female and Children* members undertook *Forestry, logging and related activities*.

The within region analysis showed that the Northern Region had the highest percentage (5.6 %) of its Ag HHs with Male members that undertook *Forestry, logging and related activities*. This was followed by the Western Region with 4.0 percent while the Eastern Region reported the least (2.2 %). A similar pattern was observed for Ag HHs that reported *Female and Child* members engagement.

Results at district level revealed that *Forestry, Logging and related activities* were entirely practiced by male Ag HH members compared to their other counterparts. The Districts that reported the highest percentage of their Ag HHs with Male members that undertook “*Forestry, logging and related activities*” as their *Other Economic Production activities* in Central, Eastern, Northern and Western Regions were Nakasongola with 21.8 percent, Bududa (13.7 %), Gulu (25.7 %) and Kanungu (13.1 %) districts respectively.

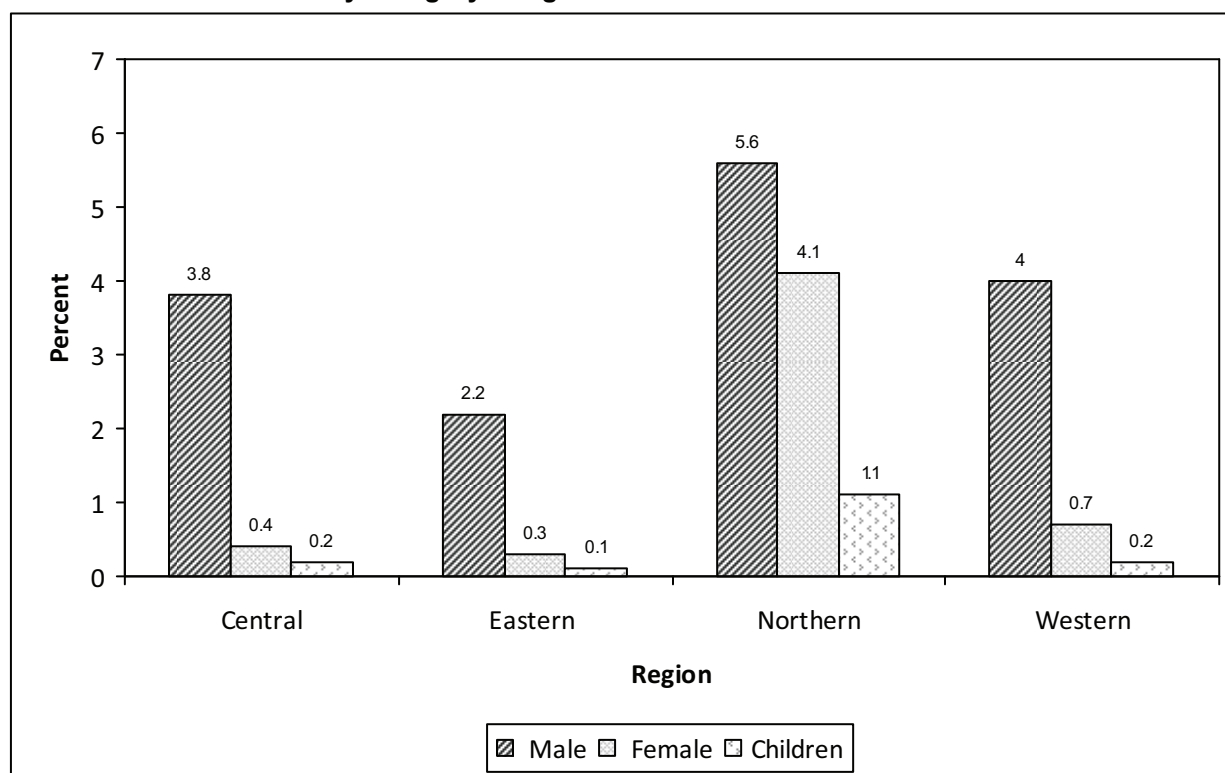
The details are provided in Table 7.5 and Figure 7.6 and district level data is provided in Annex 1 Table A7.5.



**Table 7.5: Ag HHs whose member(s) undertook Forestry, Logging and Related Service activities by Category of Ag HH Member**

Region	Ag HHs that practiced other econ activities	Ag. HHs that reported practice of Forestry, Logging and Related Activities by their;					
		Male members		Female members		Children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	182,917	6,924	3.8	660	0.4	292	0.2
Eastern	352,227	7,908	2.2	1,067	0.3	284	0.1
Northern	251,004	14,140	5.6	10,317	4.1	2,656	1.1
Western	280,887	11,273	4.0	2,084	0.7	580	0.2
<b>Uganda</b>	<b>1,067,035</b>	<b>40,246</b>	<b>3.8</b>	<b>14,127</b>	<b>1.3</b>	<b>3,812</b>	<b>0.4</b>

**Figure 7.6: Percentage Distribution of Ag HHs whose Member(s) undertook Forestry, Logging and Related Service activities by Category of Ag HH Member**



### 7.2.5 Ag HHs whose member(s) undertook Fishing, Aquaculture and Related Service activities by Category of Ag HH Member

The Ag HHs that reported undertaking of *Fishing, Aquaculture and Related Activities* by their *Male, Female* and *Children* members were 5.3 percent, 1.9 percent and 1.2 percent of all those that undertook *Other Economic Production Activities* in Uganda respectively.

Analysis within region revealed that the Northern Region had the highest percentage (7.7 %) of its Ag HHs with *Male* members that undertook *Fishing, Aquaculture and related activities*. This was closely

followed by the Eastern Region with 7.6 percent while the Western Region with 1.6 percent reported the least. Whereas this same pattern was observed for Ag HHs that reported Female member engagement, the pattern for the Child member category showed that the Eastern Region with 2.4 percent had the highest percentage, followed by the Northern Region (1.3 %).

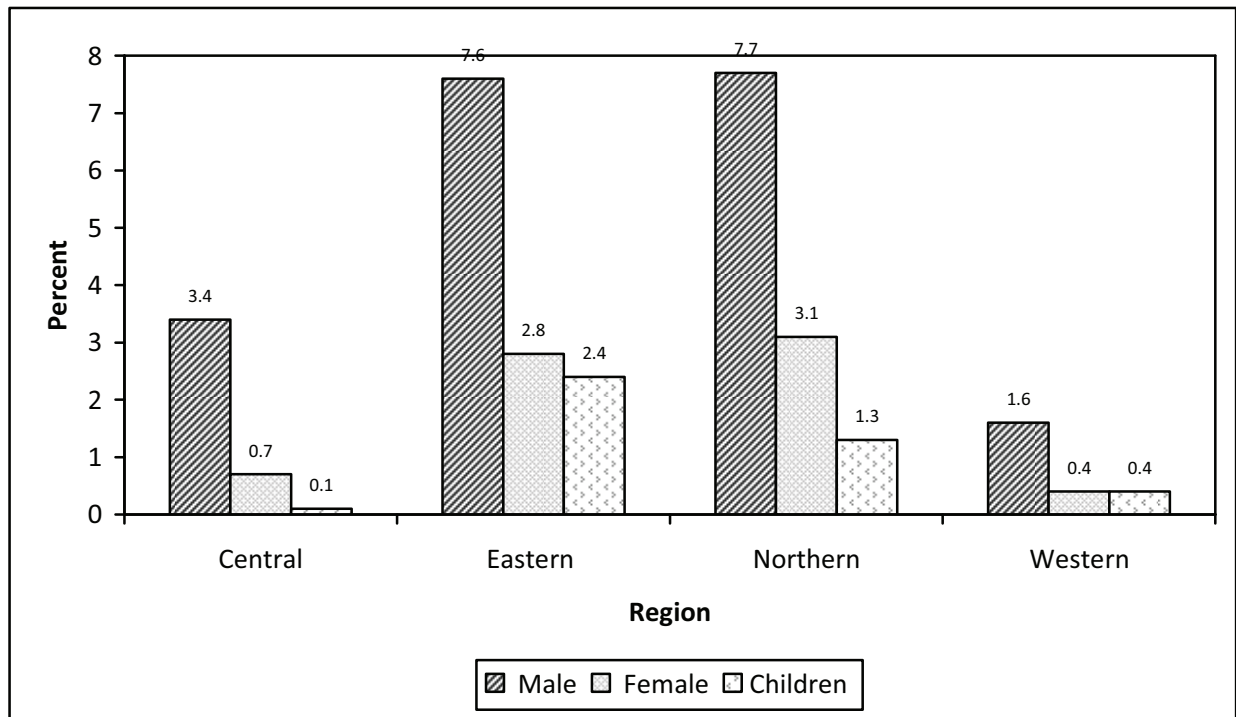
Analysis at district level revealed that Kalangala district with 63.3 percent had the highest percentage of its Ag HHs with *Male* members that undertook *Fishing, Aquaculture and related activities* as their *Other Economic Production Activities* in Uganda. This was followed by Amolatar (51.3 %) and then Bukedea with 39.5 percent. However, Hoima district (with less than half a %) had the least percentage of their Ag HHs reporting the same issue. It should also be noted that there were very few Ag HHs that reported Female and Child members engagement in the same activity.

The details are provided in Table 7.6 and Figure 7.7 and district level data is provided in Annex 1 Table A7.6.

**Table 7.6 Ag HHs whose members undertook Fishing, Aquaculture and related Service activities by Category of Ag HH Member**

Region	Ag HHs that practiced other econ activities	Ag. HHs that reported practice of Fishing, aquaculture and related activities by their;					
		male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	182,917	6,223	3.4	1,365	0.7	224	0.1
Eastern	352,227	26,602	7.6	9,762	2.8	8,551	2.4
Northern	251,004	19,392	7.7	7,829	3.1	3,180	1.3
Western	280,887	4,470	1.6	1,123	0.4	1,179	0.4
<b>Uganda</b>	<b>1,067,035</b>	<b>56,687</b>	<b>5.3</b>	<b>20,079</b>	<b>1.9</b>	<b>13,135</b>	<b>1.2</b>

**Figure 7.7: Percentage Distribution of Ag HHs whose member(s) undertook Fishing, Aquaculture and Related Service activities by Category of Ag HH Member**



### 7.2.6 Ag HHs whose member(s) undertook Manufacturing by Category of Ag HH Member

Out of the 1.1 million Ag HHs with members that undertook *Other Economic Production Activities* in Uganda, 55,000 (5.2 %), 30,000 (2.8 %) and 6,400 (0.6 %) reported that their respective *Male, Female and Children members* undertook *Manufacturing activities*.

The within region analysis showed that the Eastern Region had the highest percentage (6.1 %) of its Ag HHs with *Male* members that undertook *Manufacturing activities*, followed by the Northern Region with 5.4 percent while the Central Region reported the least (4.1 %). A similar pattern was observed for Ag HHs *Child* members' engagement. In the case of female member engagement however, the Western Region had the least percentage of Ag HHs (1.6 %).

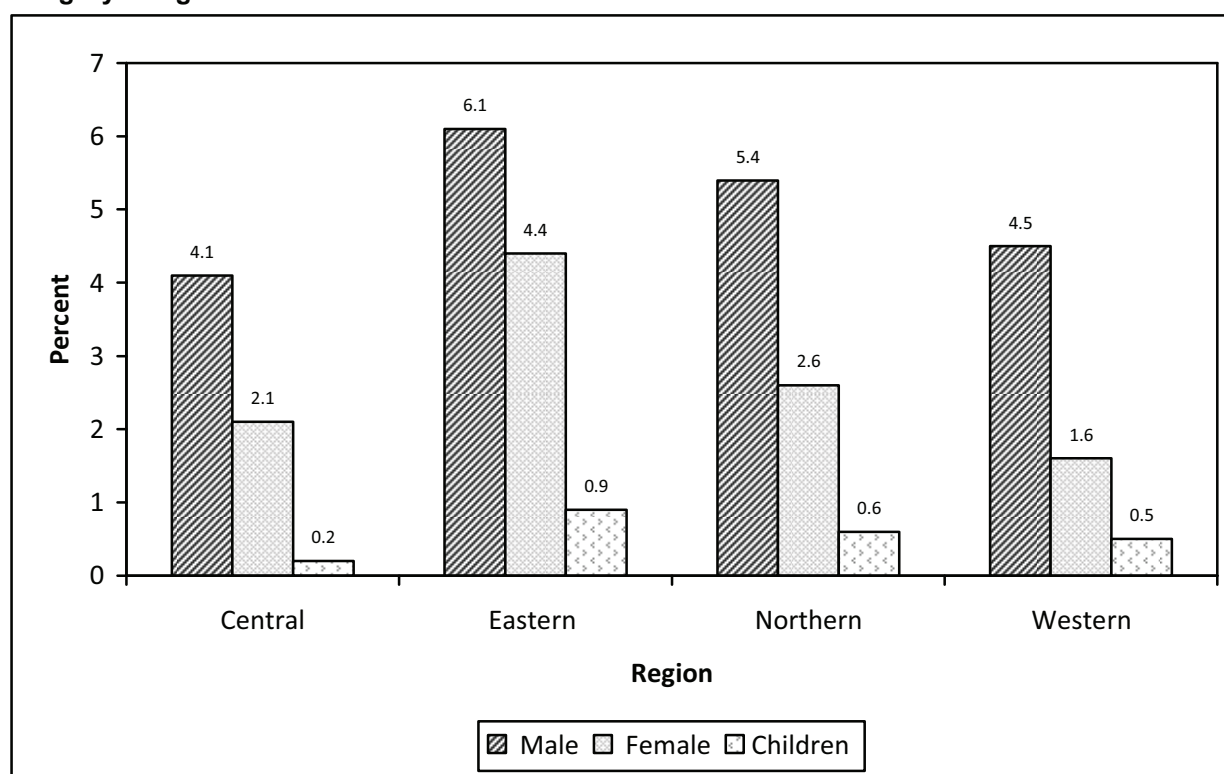
District level analysis revealed that both Lira and Kisoro districts with 21.3 percent had the highest percentage of their Ag HHs with *Male* members that undertook *Manufacturing activities* as their *Other Economic Production Activities* in Uganda. These were followed by Amuria (19.5 %) and Kaabong with 14.9 percent. Nakapiripirit district with 0.1 percent had the least proportion of its Ag HHs that reported the same.

The details are provided in Table 7.7 and district level data is provided in Annex 1 Table A7.7.

**Table 7.7: Ag HHs whose Members undertook Manufacturing by Category of Ag HH Member**

Region	Ag HHs that practiced other econ activities	Ag. HHs that reported carrying manufacturing activities by their;					
		Male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	182,917	7,514	4.1	3,822	2.1	429	0.2
Eastern	352,227	21,474	6.1	15,537	4.4	3,101	0.9
Northern	251,004	13,439	5.4	6,414	2.6	1,414	0.6
Western	280,887	12,539	4.5	4,509	1.6	1,449	0.5
<b>Uganda</b>	<b>1,067,035</b>	<b>54,966</b>	<b>5.2</b>	<b>30,281</b>	<b>2.8</b>	<b>6,393</b>	<b>0.6</b>

**Figure 7.8: Percentage Distribution of Ag HHS whose Member s undertook Manufacturing by Category of Ag HH Member**



### 7.2.7 Ag HHs whose member(s) undertook Wholesale and Retail Trade by Category of Ag HH Member

Out of the Ag HHs with members that undertook *Other Economic Production Activities* in Uganda, 251,000 (23.6 %), 139,000 (13.1 %) and 15,000 (1.5 %) reported that their respective *Male*, *Female* and *Children* members undertook *Wholesale and Retail Trade*.

Analysis within regions showed that, among the Ag HHs that reported Male members' participation in *Wholesale and Retail Trade* in Uganda, the Western Region had the highest percentage (31.1 %),

followed by the Eastern (23.6 %) and the Northern Region with 16.2 percent had the least. Again, the highest percentage of Ag HHs with *Female* (16.7 %) and *Child* (1.9 %) members who undertook this trade were in the Western Region.

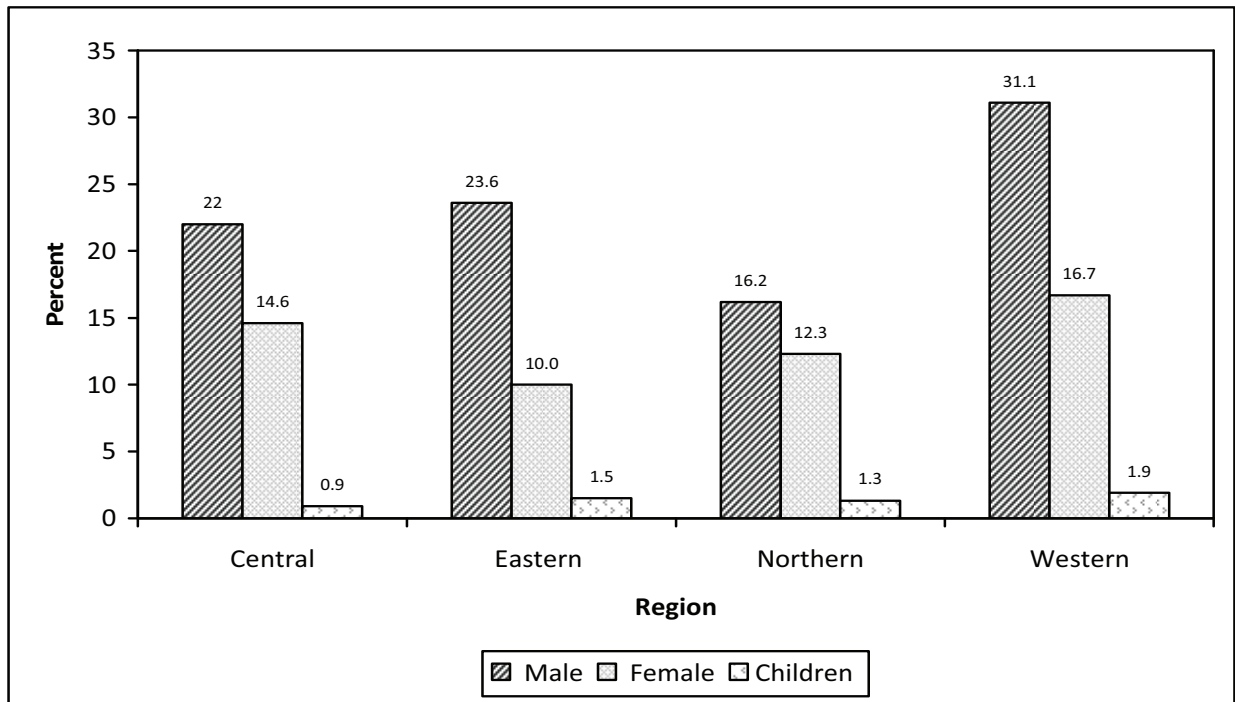
District level results revealed that *Wholesale and Retail Trade* activities were mostly practiced by Male and Female members of the Ag HHs that engaged in *Other Economic Production Activities* in Uganda. Kampala with 41.4 percent and 38.2 percent, Mbale (55.9 percent and 42.2 %), Abim (32.3 percent and 57.5 %) and Masindi (54.3 percent and 29.8 %) had the highest percentage of their Ag HHs with *Male* and *Female* members respectively that undertook *Wholesale and Retail Trade* in the Central, Eastern, Northern and Western Regions.

The details are provided in Table 7.8 and district level data is provided in Annex 1 Table A7.8.

**Table 7.8: Ag HHs whose members undertook Wholesale and Retail Trade by Category of Ag HH Member**

Region	Ag HHs that practiced other econ activities	Ag HHs that reported practice of wholesale and retail trade by their;					
		Male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	182,917	40,192	22.0	26,707	14.6	1,702	0.9
Eastern	352,227	83,241	23.6	35,051	10.0	5,386	1.5
Northern	251,004	40,727	16.2	30,895	12.3	3,388	1.3
Western	280,887	87,268	31.1	46,781	16.7	5,409	1.9
<b>Uganda</b>	<b>1,067,035</b>	<b>251,429</b>	<b>23.6</b>	<b>139,433</b>	<b>13.1</b>	<b>15,884</b>	<b>1.5</b>

**Figure 7.9: Percentage Distribution of Ag HHs whose Member(s) undertook Wholesale and Retail Trade by Category of Ag HH Member**



### 7.2.8 Ag HHs whose member(s) undertook operation of Hotels and Restaurants by Category of Ag HH Member

Out of the 1.1 million Ag HHs with members that undertook operation of Hotels and Restaurants in Uganda, 21,000 (2.0 %), 52,000 (5.0 %) and 6,000 (0.6 %) reported that their respective *Male*, *Female* and *Child* members undertook *Operation of Hotels and Restaurants*.

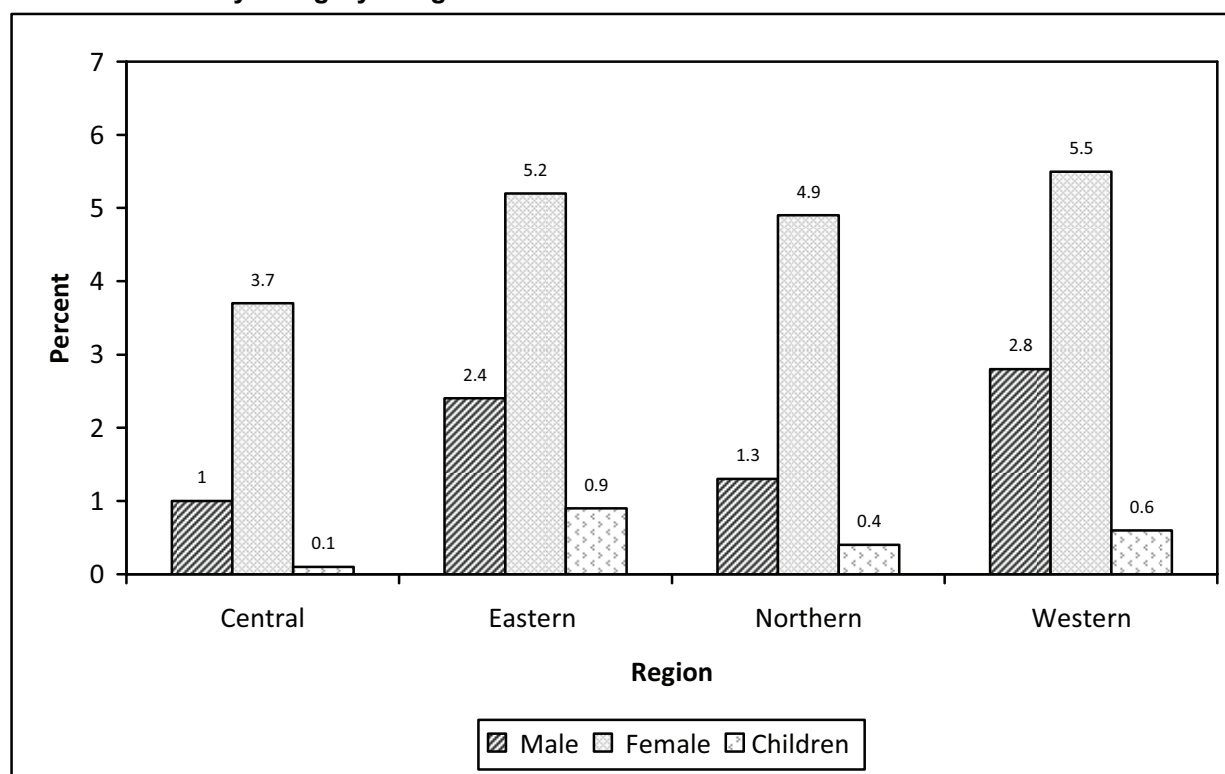
The within region analysis showed that the Western Region had the highest percentage (2.8 %) of its Ag HHs that undertook *Operation of Hotels and Restaurants* by *Male* members followed by the Eastern Region with 2.4 percent while the Central Region reported the least (1.0 %). A similar pattern was observed for Ag HHs *Female* members. In the case of *Child members*, the Eastern Region reported the highest percentage (0.9 %) of its Ag HHs who undertook *Operation of Hotels and Restaurants* while the Central Region (0.1 %) reported the least.

The details are provided in Table 7.9 and Figure 7.10 and district level data is provided in Annex 1 Table A7.9.

**Table 7.9: Ag HHs whose Members undertook operation of Hotels and Restaurants by Category of Ag HH Member**

Region	Ag HHs that practiced other econ activities	Ag. HHs that reported operation of Hotels and restaurants by their;					
		Male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	182,917	1,744	1.0	6,854	3.7	203	0.1
Eastern	352,227	8,435	2.4	18,406	5.2	2,997	0.9
Northern	251,004	3,218	1.3	12,217	4.9	1,078	0.4
Western	280,887	7,849	2.8	15,409	5.5	1,818	0.6
<b>Uganda</b>	<b>1,067,035</b>	<b>21,246</b>	<b>2.0</b>	<b>52,885</b>	<b>5.0</b>	<b>6,097</b>	<b>0.6</b>

**Figure 7.10: Percentage Distribution of Ag HHS whose Member s undertook operation of Hotels and Restaurants by Category of Ag HH Member**



### 7.3 Other Sources of Ag HHs Income

The UCA 2008/09 also collected information on *Other Sources of Income* Other than Agricultural Production. Ag HHs ranked these sources from the most important one to the least for their Male, Female and Children household members. The reference period was 12 months prior to the date of the survey.

#### 7.3.1 Ag HHs that ranked Income Derived from Economic Production Activities Other Than Agricultural Production as the most important by Category of Ag HH Member and Region

The results indicated that out of the 3.6 million Ag. HHs in Uganda, 9.2 percent, 21.4 percent and 41.2 percent ranked *Income Derived from Economic Production Activities Other Than Agricultural Production* as the most important source of income for their *Male, Female and Children members* respectively.

The within region analysis showed that the Central Region had the highest percentage (11.7 %) of its Ag HHs that ranked *Income Derived from Economic Production Activities Other Than Agricultural Production* as the most important source by *Male* members followed by the Northern Region with 9.9 percent while the Eastern Region reported the least (7.3 %). In the case of *Female members*, the Eastern Region reported the highest percentage (23.1 %) of its Ag HHs who ranked *Income Derived from Economic Production Activities Other than Agricultural Production* as the most important by *Female* members while the Northern Region (17.7 %) reported the least. For the Ag HHs child members, the Central Region reported the highest percentage (44.7 %) and the Western Region reported the least (38.2 %).

The Districts of Kampala (35.5 %), Amuria (22.8 %), Moroto (32.2 %) and Bundibugyo (23.4 %) had the highest proportions of their Ag HHs that ranked “Economic Production Activities Other than Agricultural Production” as their main source of income by Male members in the Central, Eastern, Northern and Western Regions respectively.

Similarly, the districts with the highest percentages of Ag HHs that reported the same source for their *Female* members in the Central, Eastern, Northern and Western Regions were Mpigi (34.4 %), Kaberamaido (39.4 %), Nakapiripirit (49.1 %) and Ibanda (33.6 %) respectively.

It was also observed that Kampala (73.9 %) had the highest proportion of Ag HHs that ranked “Economic Production Activities Other than Agricultural Production” as the most important source of income by *Child* members.

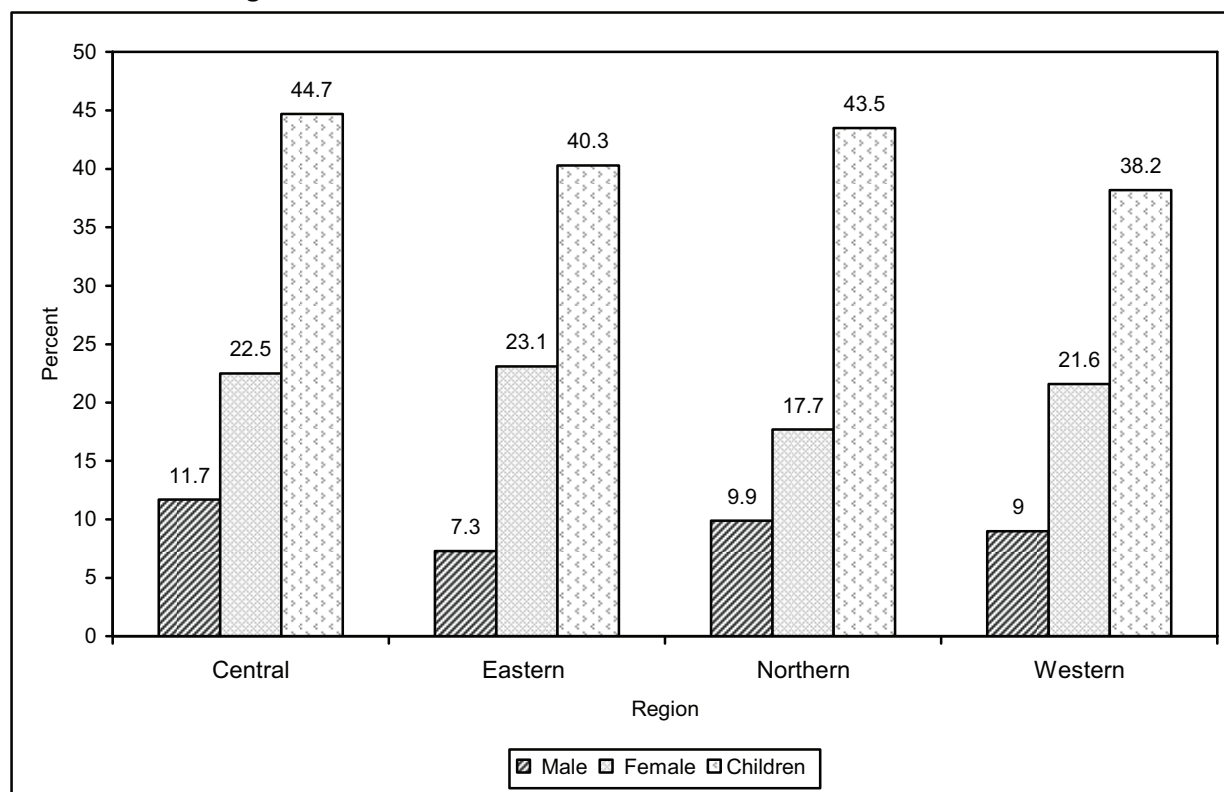
The details are provided in Table 7.10 and Figure 7.11 and district level data is provided in Annex 1 Table A7.10.



**Table 7.10: Ag HHs that ranked Income Derived from Economic Production Activities Other Than Agricultural Production as the most important by Category of Ag HH Member and Region**

Region	Ag HHs	Ag. HHs that ranked Economic Production Activities Other than Agricultural Production as the most important source of income for their;					
		Male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	715,486	83,893	11.7	161,315	22.5	319,634	44.7
Eastern	1,069,885	78,480	7.3	247,515	23.1	430,797	40.3
Northern	755,701	75,105	9.9	133,949	17.7	328,650	43.5
Western	1,033,992	92,976	9.0	223,080	21.6	395,260	38.2
<b>Uganda</b>	<b>3,575,064</b>	<b>330,454</b>	<b>9.2</b>	<b>765,859</b>	<b>21.4</b>	<b>1,474,341</b>	<b>41.2</b>

**Figure 7.11: Percentage Distribution of Ag HHs that ranked Income Derived from Economic Production Activities Other Than Agricultural Production as the most important by Category of Ag HH Member and Region**



### 7.3.2 Ag HHs that ranked Income from Paid Employment as the Most Important source by Category of Ag HH Member

The results indicated that out of the 3.6 million Ag. HHs in Uganda, 3.4 percent, 10.3 percent and 15.4 percent ranked *Income From Paid Employment as the Most Important* source of income for their *Male, Female and Children* members respectively.

The within region analysis showed that the Central and Western Regions had the highest percentage (4.6 %) of its Ag HHs that ranked *Income from Paid Employment as the Most Important* source of income by *Male* members while the Eastern Region reported the least (2.1 %). Further, the Central Region had the highest percentages of its Ag HHs that ranked *Income from Paid Employment as the Most Important* source of income by *Female* members (13.2 %) and *Child* members (20.3 %) while the Northern Region had the least percentages for *Female* (8.0 %) and *Child* household members (12.2 %).

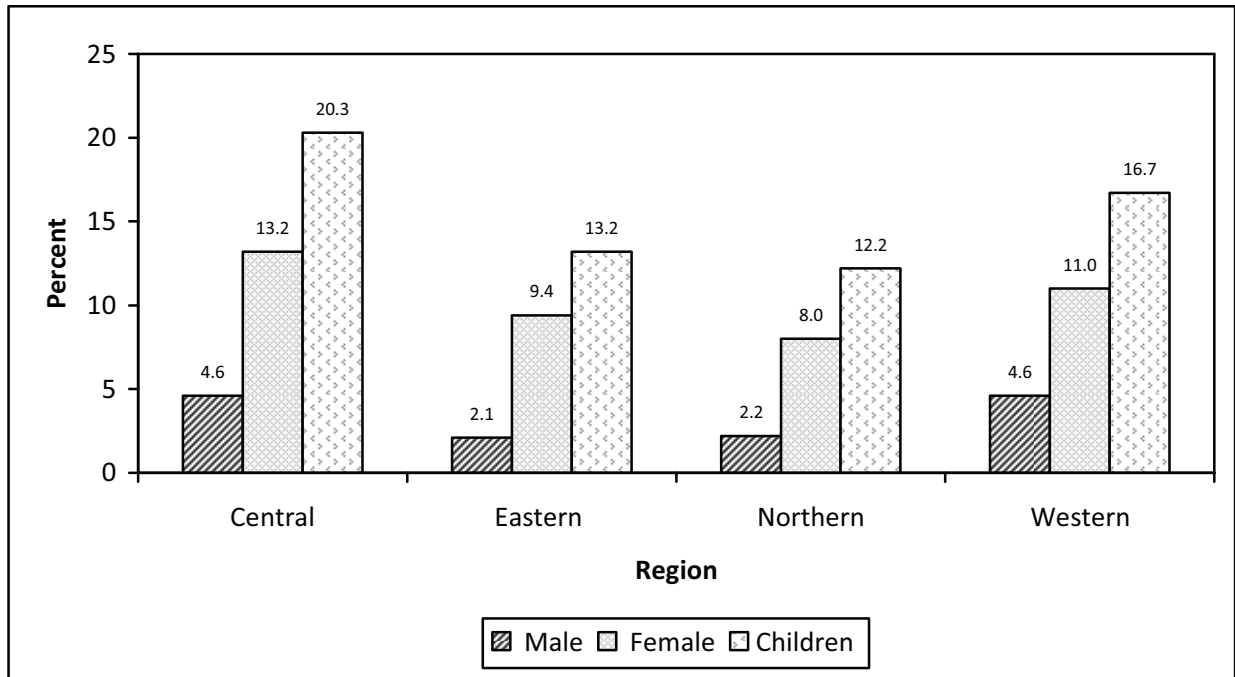
The district results indicated that Kampala (24.4 %), Bukedea (8.4 %), Moroto (28.9 %) and Kabale (11.4 %) in the Central, Eastern, Northern and Western respectively had the highest proportions of Ag HHS that reported "Paid Employment" as their main source of income for the Male members. For the Female household members, the highest proportions were reported in the districts of Wakiso (29.9 %), Bukedea (30.5 %), Koboko (26.6 %) and Hoima (23.1 %) in the Central, Eastern, Northern and Western respectively. Kampala (52.3 %) reported the highest proportions for Children household members in the country as a whole.

The details are provided in Table 7.11 and Figure 7.12 and district level data is provided in Annex 1 Table A7.11.

**Table 7.11: Ag HHs that ranked Income from Paid Employment as their Most Important source by Category of Ag HH Member**

Region	Ag HHs	Ag HHs that ranked Income from Paid Employment as their Most Important source of income for their;					
		Male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	715,486	32,997	4.6	94,462	13.2	145,155	20.3
Eastern	1,069,885	22,814	2.1	101,042	9.4	141,223	13.2
Northern	755,701	16,969	2.2	60,297	8.0	92,011	12.2
Western	1,033,992	47,627	4.6	114,210	11.0	172,866	16.7
<b>Uganda</b>	<b>3,575,064</b>	<b>120,408</b>	<b>3.4</b>	<b>370,011</b>	<b>10.3</b>	<b>551,255</b>	<b>15.4</b>

**Figure 7.12: Percentage Distribution of Ag HHS that ranked Income From Paid Employment as their Most Important source by Category of Ag HH Member by Region**



### 7.3.3 Ag HHs that ranked Pensions and Investment Income as the most important source by Category of Ag HH Member

Out of the 3.6 million Ag HHs, 55,000 (1.5 %) ranked income from *Pensions and Investment* as their “Other” main source of income for their *Male members* while 3.8 and 6.4 percent did so for their *Female* and *Child Members* respectively.

The within Region analysis showed that the Central Region had the highest percentage (1.9 %) of its Ag HHs that ranked income from *Pensions and Investment* as their “other” main source of income for their *Male members* followed by the Western Region with 1.7 percent while the Eastern Region had the least (1.2 %). As regards the *Female and Child Members* the Central Region had the highest percentages of 5.3 and 9.5 percent respectively for “other” its Ag HHs that ranked income from *Pensions and Investment* as their main source of income while the Western Region was the least in both cases with 3.2 and 4.9 percent respectively.

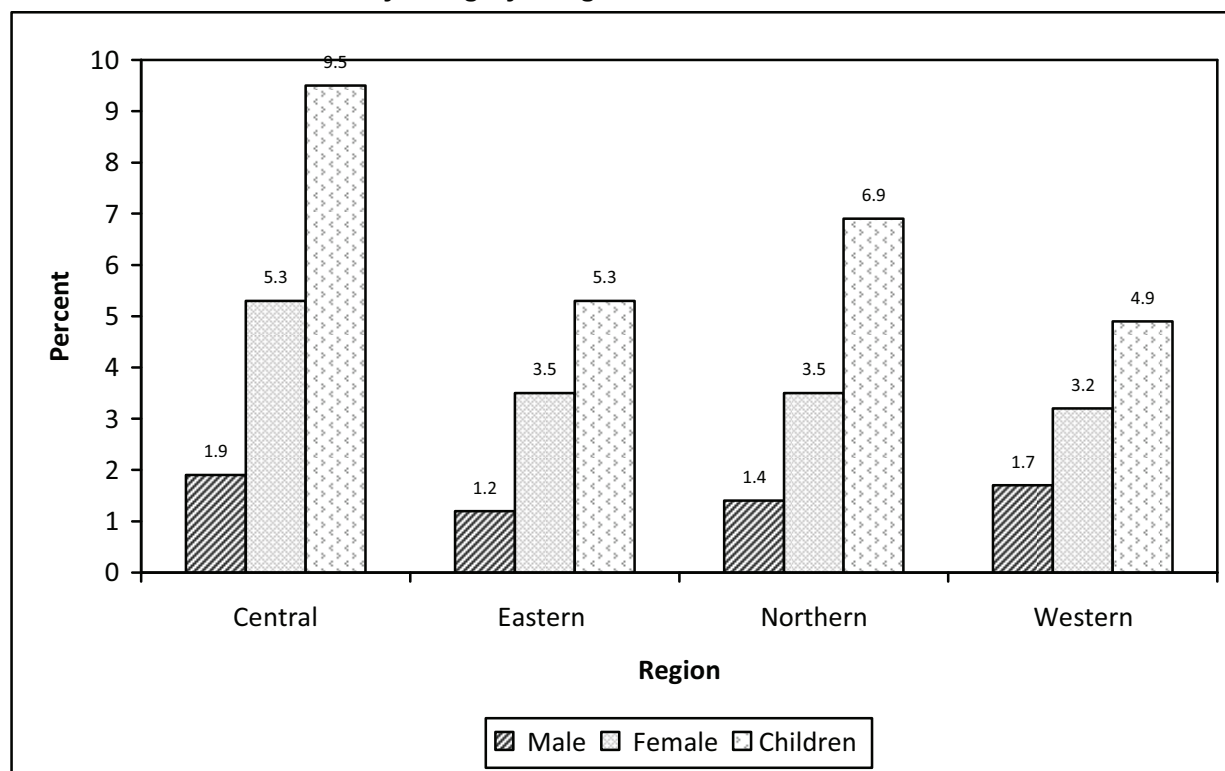
Analysis within district level revealed that Kalangala district (13.4 %) had the highest percentages of its *Male HH members* that reported *Pensions and Investment Income* as the “other” main source of income while Wakiso (13.2 percent, 25.5 %), Bukedea (22.1 percent, 29.9 %) and Amuru (17.1 percent, 29.5 %) districts reported the highest percentages of their *Female and Child* members that ranked the same source as the “other” most important.

The details are provided in Table 7.12 and Figures 7.13 and district level data is provided in Annex 1 Table A7.12.

**Table 7.12: Ag HHs that ranked income from Pensions and Investment as their “Other” Main Source by Category of Ag HH Member**

Region	Ag HHs	Ag. HHs that ranked “pensions and investment” as the most important source of income for their;					
		Male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	715,486	13,615	1.9	38,075	5.3	67,663	9.5
Eastern	1,069,885	12,738	1.2	37,304	3.5	56,774	5.3
Northern	755,701	10,540	1.4	26,734	3.5	52,252	6.9
Western	1,033,992	17,646	1.7	32,930	3.2	50,682	4.9
<b>Uganda</b>	<b>3,575,064</b>	<b>54,539</b>	<b>1.5</b>	<b>135,043</b>	<b>3.8</b>	<b>227,371</b>	<b>6.4</b>

**Figure 7.13: Percentage Distribution of Ag HHs that ranked Pensions and Investment as their “other” main source income by Category of Ag HH Member**



### 7.3.4 Ag HHs that ranked Income from Internal Remittances (Inside Uganda) as the “other” most important source by Category of Ag HH Member

Out of the 3.6 million Ag HHs, 199,000 (5.6 %) ranked *Internal Remittances* as their “Other” main source of income for their *Male members* while 5.8 and 10.5 percent did so for their *Female* and *Child Members* respectively.

The within Region analysis showed that the Central Region had the highest percentages of 10.7, 8.9 and 19.8 percent for *Male*, *Female* and *Child Members* respectively that ranked *Internal Remittances* as their “Other” main source of income followed by the Eastern Region for all *Types of Ag HH Members* with 5.5, 6.8 and 10.5 respectively. On the other hand, the Northern Region with 2.9 percent reported the least percentage for their *Male members* while the Western Region with 3.7 and 5.2 percent had the least percentages for the *Female* and *Child Members* respectively.

Analysis within districts revealed that the districts of Mukono (20 %), Mayuge (19.8 %), Dokolo (7.6 %) and Bushenyi (13.6 %) had the highest percentages of their Ag HHs that ranked *Internal Remittances* as their “Other” main source of income by *Male members* in the Central, Eastern, Northern and Western Regions respectively.

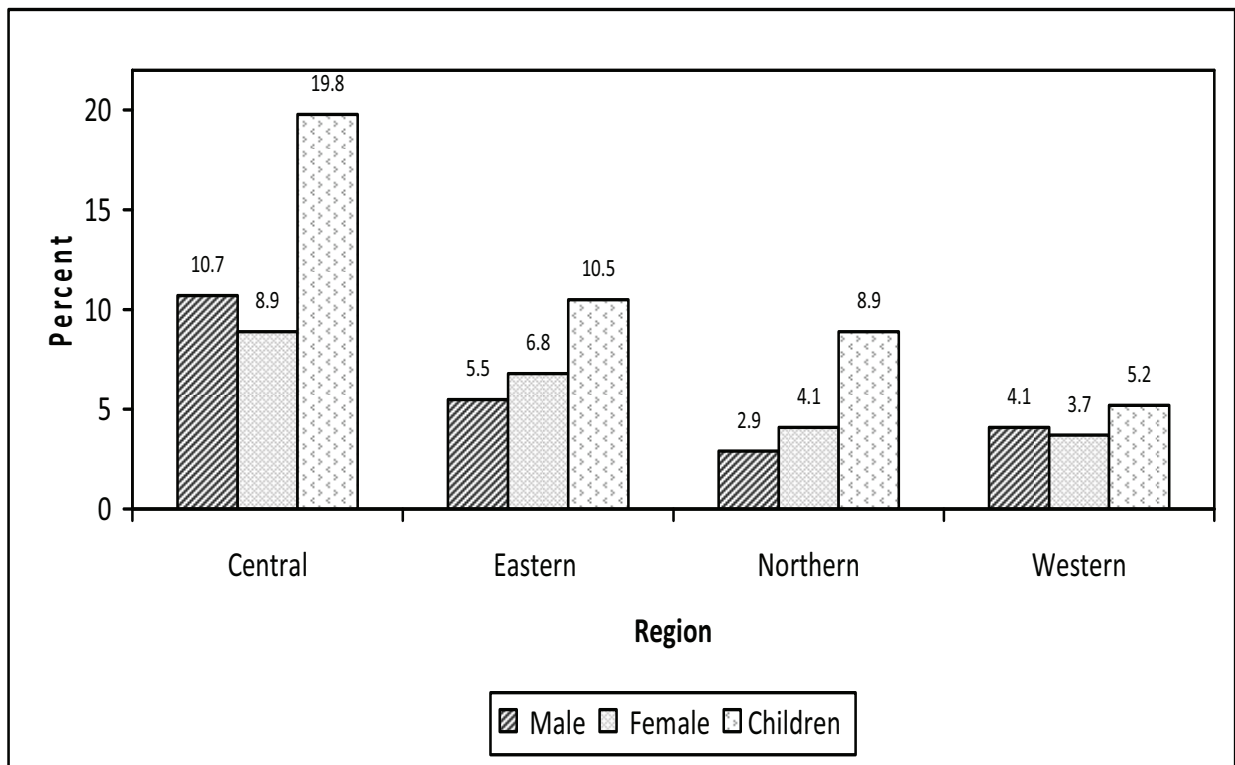
Similarly, the districts with the highest percentages of Ag HHs that reported the same as their “other” main income source for their *Female members* in the Central, Eastern, Northern and Western Regions were Mpigi (19.5 %), Budaka (16.3 %), Koboko (23.9 %) and Hoima (12.7 %) respectively. Overall, it was also observed that Mpigi (43.7 %) had the highest percentage of Ag HHs that ranked *Internal Remittances* as the “Other” most important source of income by *Child members*.

The details are provided in Table 7.13 and Figures 7.14 and district level data is provided in Annex 1 Table A7.13.

**Table 7.13: Ag HHs that ranked income from internal remittances (inside Uganda) as their “other” main source by Category of Ag HH Member**

Region	Ag HHs	Ag HHs that ranked “internal remittances ” as the most important source of income for their;					
		Male members		Female members		children	
		No of Ag HHs	%	No of Ag HHs	%	No of Ag HHs	%
Central	715,486	76,351	10.7	64,004	8.9	141,966	19.8
Eastern	1,069,885	58,382	5.5	72,639	6.8	112,525	10.5
Northern	755,701	21,841	2.9	30,606	4.1	66,945	8.9
Western	1,033,992	42,030	4.1	38,433	3.7	53,832	5.2
<b>Uganda</b>	<b>3,575,064</b>	<b>198,604</b>	<b>5.6</b>	<b>205,681</b>	<b>5.8</b>	<b>375,268</b>	<b>10.5</b>

**Figure 7.14: Percentage Distribution of Ag HHs that ranked income from Internal Remittances (inside Uganda) as their “Other” main source by Category of Ag HH Member**



### 7.3.5 Ag HHs that ranked income from External remittances (outside Uganda) as the “Other” most important source by Category of Ag HH Member

Out of the 3.6 million Ag HHs, 32,000 (0.9 %) ranked income from *External remittances* as their main source of income for their “other” *Male members* while 1.4 and 1.7 percent did so for their *Female* and *Child Members* respectively.

The within Region analysis showed that the Central Region had the highest percentages of Ag HHs that reported their *Male* (1.5 %), *Female* (1.9 %) having ranked *External Remittances* as their “other” main source of income. Regarding the *Child Members*, the Central and Northern Regions both had 2.4 percent of their Ag HHs that ranked *External Remittances* as their “Other” main source of income. This was followed by the Western Region for *Male Members* with 0.9 percent, the Northern Region for *Female* (1.5 %) *Members* and the Eastern Region for the *Child Members*. On the other hand, the Northern Region with 0.6 percent reported the least percentage for their *Male members* while the Eastern (1.0 %) and Western (1.2 %) Regions had the least percentages for the *Female and Child Members* respectively.

Analysis within districts revealed that Kalangala (13.4 %), Bududa (4.5 %), Dokolo (4.8 %) and Ntungamo (4.0 %) had the highest percentages of their Ag HHs that ranked income from *External Remittances* as their “other” main source of income by their *Male members* in the Central, Eastern, Northern and Western

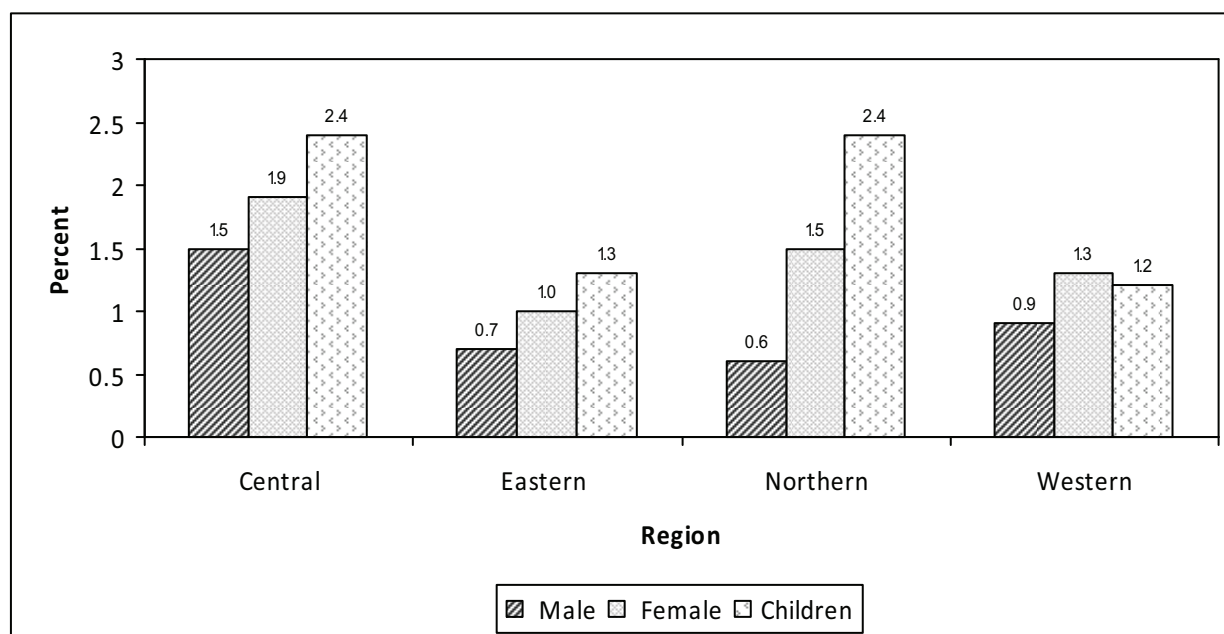
Regions respectively. Similarly, the districts with the highest percentage of Ag HHs that reported the same as their “other” main source of income by their *Female members* in the Central, Eastern, Northern and Western Regions were Nakaseke (9.1 %), Bukedea (13.5 %), Amuru (10.6 %) and Ntungamo (6.2 %) respectively.

The details are provided in Table 7.14 and Figures 7.15 and district level data is provided in Annex 1 Table A7.14.

**Table 7.14: Ag HHs that ranked income from External Remittances (outside Uganda) as their “other” main source by Category of Ag HH Member**

Region	Ag HHs	Ag. HHs that ranked external remittances as the most important source of income for their;					
		Male members		Female members		children	
		Ag HHs	%	Ag HHs	%	Ag HHs	%
Central	715,486	10,951	1.5	13,322	1.9	17,158	2.4
Eastern	1,069,885	6,973	0.7	10,528	1.0	13,388	1.3
Northern	755,701	4,769	0.6	11,460	1.5	17,798	2.4
Western	1,033,992	9,560	0.9	13,332	1.3	12,719	1.2
<b>Uganda</b>	<b>3,575,064</b>	<b>32,252</b>	<b>0.9</b>	<b>48,642</b>	<b>1.4</b>	<b>61,064</b>	<b>1.7</b>

**Figure 7.15: Percentage Distribution of Ag HHs that ranked income from External Remittances (outside Uganda) as their “Other” main source by Type of Ag HH Member**



## 7.4 Summary of findings

- 7.4.1 Out of the 1.1 million Ag HHs with members that undertook Other Economic Production Activities in Uganda, 288,000 (27.0 %), 210,000 (19.7 %) and 49,000 (4.6 %) reported that their respective Male, Female and Children members undertook Other Agricultural Production.
- 7.4.2 Census results also indicated that from the all Ag HHs with members that undertook *Other Economic Production Activities* in the country, 83,000 (7.8 %), 68,000 (6.4 %) and 18,000 (1.7 %) reported that their respective males, females and child members provided Agricultural Services.
- 7.4.3 From the Ag HHs with members that carried out *Other Economic Production Activities* in the country, 80,000 (7.5 %), 7,500 (0.7 %) and 27,000 (2.6 %) reported that their respective *Male, Female and Children members* undertook *Hunting, Trapping, Game propagation and related activities*.
- 7.4.4 Out of all the Ag HHs with members that undertook *Other Economic Production Activities* in Uganda, 40,000 (3.8 %), 14,000 (1.3 %) and 3,800 (0.4 %) reported that their respective *Male, Female and Children members* undertook *Forestry, logging and related activities*.
- 7.4.5 The Ag HHs that reported undertaking of *Fishing, Aquaculture and related activities* by their *Male, Female and Children members* were 5.3 percent, 1.9 percent and 1.2 percent of all those that undertook *Other Economic Production Activities* in Uganda respectively.
- 7.4.6. Out of the 1.1 million Ag HHs with members that undertook *Other Economic Production Activities* in Uganda, 55,000 (5.2 %), 30,000 (2.8 %) and 6,400 (0.6 %) reported that their respective *Male, Female and Children members* undertook *Manufacturing activities*.
- 7.4.7 Out of the Ag HHs with members that undertook *Other Economic Production Activities* in Uganda, 251,000 (23.6 %), 139,000 (13.1 %) and 15,000 (1.5 %) reported that their respective *Male, Female and Children members* undertook *Wholesale and Retail Trade*.
- 7.4.8 Out of the 1.1 million Ag HHs with members that undertook operation of Hotels and Restaurants in Uganda, 21,000 (2.0 %), 52,000 (5.0 %) and 6,000 (0.6 %) reported that their respective *Male, Female and Child* members undertook *Operation of Hotels and Restaurants*.
- 7.4.9 The results indicated that out of the 3.6 million Ag. HHs in Uganda, 9.2 percent, 21.4 percent and 41.2 percent ranked *Income Derived from Economic Production Activities Other Than Agricultural Production* as the most important source of income for their *Male, Female and Children members* respectively.



7.4.10 The results indicated that out of the 3.6 million Ag HHs in Uganda, 3.4 percent, 10.3 percent and 15.4 percent ranked *Income from Paid Employment as the Most Important* source of income for their *Male, Female and Children members* respectively.

7.4.11 Out of the 3.6 million Ag HHs, 55,000 (1.5 %) ranked income from *Pensions and Investment* as their main source of income for their *Male members* while 3.8 and 6.4 percent did so for their *Female and Child Members* respectively.

7.4.12 Out of the 3.6 million Ag HHs, 199,000 (5.6 %) ranked *internal remittances* as their main source of income for their *Male members* while 5.8 and 10.5 percent did so for their *Female and Child Members* respectively.

7.4.13 Out of the 3.6 million Ag HHs, 32,000 (0.9 %) ranked income from *External remittances* as their main source of income for their *Male members* while 1.4 and 1.7 percent did so for their *Female and Child Members* respectively.

## Annex 1: Tables

**Table A2.1: Distribution of Ag HHs by Geographical Units and Sex of HH Head**

District	Ag HHs	Sex of Ag HH Head					
		Male		Female		Total	
		Number	%	Number	%	Number	%
<b>Central</b>							
Kalangala	3,659	1,898	72.4	725	27.6	2,623	100
Kampala	30,335	16,917	66.4	8,547	33.6	25,464	100
Kiboga	41,947	26,754	77.0	7,974	23.0	34,727	100
Luwero	41,438	22,507	70.4	9,460	29.6	31,967	100
Masaka	96,577	63,237	72.8	23,583	27.2	86,820	100
Mpigi	75,439	50,042	71.1	20,357	28.9	70,399	100
Mubende	88,141	54,117	77.2	15,948	22.8	70,066	100
Mukono	101,784	67,024	71.2	27,046	28.8	94,070	100
Nakasongola	20,241	10,690	82.4	2,281	17.6	12,971	100
Rakai	64,993	41,117	69.7	17,877	30.3	58,994	100
Ssembabule	33,231	24,278	76.6	7,430	23.4	31,708	100
Kayunga	50,831	35,297	76.8	10,667	23.2	45,964	100
Wakiso	81,940	60,228	76.7	18,302	23.3	78,530	100
Lyantonde	9,916	7,061	75.8	2,252	24.2	9,313	100
Mityana	46,826	33,553	74.1	11,753	25.9	45,306	100
Nakaseke	19,875	11,244	67.9	5,320	32.1	16,564	100
<b>Total</b>	<b>807,173</b>	<b>525,963</b>	<b>73.5</b>	<b>189,522</b>	<b>26.5</b>	<b>715,486</b>	<b>100</b>
<b>Eastern</b>							
Bugiri	73,864	62,028	87.1	9,200	12.9	71,228	100
Busia	39,019	30,427	79.8	7,699	20.2	38,126	100
Iganga	89,540	72,094	82.0	15,822	18.0	87,916	100
Jinja	44,591	34,175	79.2	8,985	20.8	43,160	100
Kamuli	97,522	79,861	83.9	15,286	16.1	95,146	100
Kapchorwa	24,873	19,015	84.3	3,533	15.7	22,547	100
Katakwi	26,075	18,750	72.9	6,966	27.1	25,716	100
Kumi	43,665	33,040	76.7	10,035	23.3	43,075	100
Mbale	52,359	40,617	80.4	9,877	19.6	50,494	100
Pallisa	69,686	58,984	85.4	10,075	14.6	69,059	100
Soroti	73,223	58,736	80.8	13,974	19.2	72,710	100
Tororo	71,045	53,903	81.6	12,156	18.4	66,059	100
Kaberamaido	26,396	21,009	79.8	5,314	20.2	26,323	100
Mayuge	48,414	38,251	83.1	7,761	16.9	46,012	100
Sironko	54,861	43,899	86.7	6,754	13.3	50,653	100
Amuria	38,251	27,494	73.9	9,734	26.1	37,228	100
Budaka	26,576	22,406	85.2	3,891	14.8	26,297	100
Bududa	19,004	16,053	85.7	2,671	14.3	18,724	100
Bukedea	26,294	19,345	74.0	6,810	26.0	26,154	100
Bukwo	23,146	20,068	90.5	2,097	9.5	22,164	100

District	Ag HHs	Sex of Ag HH Head					
		Male		Female		Total	
		Number	%	Number	%	Number	%
Butaleja	30,622	25,753	87.8	3,592	12.2	29,345	100
Kaliro	30,581	24,683	86.3	3,916	13.7	28,600	100
Manafwa	44,763	37,337	84.5	6,830	15.5	44,167	100
Namutumba	34,541	24,521	84.6	4,461	15.4	28,982	100
<b>Total</b>	<b>1,108,909</b>	<b>882,448</b>	<b>82.5</b>	<b>187,436</b>	<b>17.5</b>	<b>1,069,885</b>	<b>100</b>
<b>Northern</b>							
Adjumani	24,364	17,062	76.5	5,230	23.5	22,292	100
Apac	81,939	57,307	81.9	12,689	18.1	69,996	100
Arua	62,729	42,683	79.2	11,227	20.8	53,910	100
Gulu	40,716	23,974	70.4	10,072	29.6	34,047	100
Kitgum	40,076	29,086	73.9	10,261	26.1	39,347	100
Kotido	21,683	12,605	65.3	6,706	34.7	19,311	100
Lira	90,491	66,244	77.1	19,724	22.9	85,968	100
Moroto	28,159	10,367	74.4	3,576	25.6	13,942	100
Moyo	22,260	15,148	75.0	5,041	25.0	20,188	100
Nebbi	83,997	57,394	80.7	13,739	19.3	71,133	100
Nakapiripirit	35,618	20,354	78.7	5,519	21.3	25,873	100
Pader	69,716	31,618	62.1	19,333	37.9	50,951	100
Yumbe	45,710	33,490	78.0	9,423	22.0	42,913	100
Abim	9,777	6,256	71.0	2,554	29.0	8,810	100
Amolatar	17,208	13,373	80.0	3,339	20.0	16,712	100
Amuru	40,181	24,395	68.5	11,219	31.5	35,614	100
Dokolo	26,808	21,124	80.1	5,245	19.9	26,370	100
Kaabong	31,368	12,309	62.6	7,348	37.4	19,657	100
Koboko	23,886	19,267	83.3	3,874	16.7	23,141	100
Nyadri	53,091	21,561	87.7	3,034	12.3	24,595	100
Oyam	55,156	42,184	82.8	8,747	17.2	50,931	100
<b>Total</b>	<b>904,931</b>	<b>577,802</b>	<b>76.5</b>	<b>177,899</b>	<b>23.5</b>	<b>755,701</b>	<b>100</b>
<b>Western</b>							
Bundibugyo	31,352	18,150	90.0	2,008	10.0	20,158	100
Bushenyi	131,515	82,174	81.0	19,256	19.0	101,429	100
Hoima	53,127	43,027	84.9	7,657	15.1	50,684	100
Kabale	83,815	61,098	74.2	21,288	25.8	82,386	100
Kabarole	75,452	51,333	71.1	20,853	28.9	72,186	100
Kasese	87,675	72,614	86.6	11,235	13.4	83,848	100
Kibaale	76,951	63,211	86.2	10,100	13.8	73,311	100
Kisoro	50,766	37,893	75.5	12,322	24.5	50,215	100
Masindi	48,008	38,191	84.3	7,092	15.7	45,282	100
Mbarara	55,202	41,402	78.7	11,216	21.3	52,618	100
Ntungamo	66,482	50,129	85.3	8,631	14.7	58,761	100
Rukungiri	49,847	39,203	78.6	10,644	21.4	49,847	100
Kamwenge	56,172	41,105	79.0	10,909	21.0	52,014	100

District	Ag HHS	Sex of Ag HH Head					
		Male		Female		Total	
		Number	%	Number	%	Number	%
Kanungu	38,894	29,731	77.8	8,498	22.2	38,230	100
Kyenjojo	82,474	60,030	80.6	14,439	19.4	74,469	100
Buliisa	8,436	6,773	82.4	1,450	17.6	8,223	100
Ibanda	36,668	27,801	81.4	6,350	18.6	34,150	100
Isingiro	57,506	43,801	78.9	11,734	21.1	55,535	100
Kiruhura	34,396	27,191	88.7	3,455	11.3	30,646	100
<b>Total</b>	<b>1,124,740</b>	<b>834,857</b>	<b>80.7</b>	<b>199,136</b>	<b>19.3</b>	<b>1,033,992</b>	<b>100</b>

**Table A2.2: Distribution of Holders by Geographical Units and Legal Status**

District	All Ag HH Heads	Legal Status of Holders					
		An Individual		Two/More Individuals		Total	
		Number	%	Number	%	Number	%
<b>Central</b>							
Kalangala	2,623	1,911	74.4	656	25.6	2,567	100
Kampala	25,464	22,897	92.6	1,820	7.4	24,717	100
Kiboga	34,727	17,845	54.1	15,111	45.9	32,957	100
Luwero	31,967	22,176	72.3	8,483	27.7	30,659	100
Masaka	86,820	63,986	78.1	17,924	21.9	81,910	100
Mpigi	70,399	57,437	82.3	12,376	17.7	69,814	100
Mubende	70,066	44,602	66.2	22,759	33.8	67,361	100
Mukono	94,070	65,906	72.5	25,031	27.5	90,937	100
Nakasongola	12,971	9,609	78.7	2,601	21.3	12,209	100
Rakai	58,994	56,149	95.4	2,702	4.6	58,851	100
Ssembabule	31,708	28,529	90.9	2,845	9.1	31,373	100
Kayunga	45,964	19,592	42.8	26,211	57.2	45,803	100
Wakiso	78,530	48,789	64.1	27,347	35.9	76,136	100
Lyantonde	9,313	6,689	72.5	2,538	27.5	9,228	100
Mityana	45,306	29,747	70.8	12,292	29.2	42,039	100
Nakaseke	16,564	10,042	60.8	6,468	39.2	16,510	100
<b>Total</b>	<b>715,486</b>	<b>505,907</b>	<b>73.0</b>	<b>187,165</b>	<b>27.0</b>	<b>693,071</b>	<b>100</b>
<b>Eastern</b>							
Bugiri	71,228	36,056	52.8	32,296	47.2	68,351	100
Busia	38,126	33,990	91.0	3,367	9.0	37,357	100
Iganga	87,916	74,278	87.1	11,014	12.9	85,291	100
Jinja	43,160	33,759	78.2	9,401	21.8	43,160	100
Kamuli	95,146	59,601	63.6	34,087	36.4	93,687	100
Kapchorwa	22,547	19,406	86.8	2,956	13.2	22,362	100
Katakwi	25,716	15,606	61.0	9,971	39.0	25,577	100
Kumi	43,075	17,677	43.0	23,477	57.0	41,154	100
Mbale	50,494	37,492	77.4	10,950	22.6	48,442	100
Pallisa	69,059	47,324	69.6	20,674	30.4	67,999	100
Soroti	72,710	50,615	72.3	19,391	27.7	70,006	100
Tororo	66,059	54,208	90.7	5,537	9.3	59,744	100
Kaberamaido	26,323	23,671	90.4	2,502	9.6	26,173	100
Mayuge	46,012	30,222	66.1	15,509	33.9	45,731	100
Sironko	50,653	21,142	42.3	28,882	57.7	50,024	100
Amuria	37,228	29,818	80.3	7,318	19.7	37,136	100
Budaka	26,297	17,068	68.3	7,924	31.7	24,992	100
Bududa	18,724	14,690	79.6	3,764	20.4	18,454	100
Bukedea	26,154	14,870	57.8	10,860	42.2	25,731	100
Bukwo	22,164	17,722	82.5	3,771	17.5	21,493	100
Butaleja	29,345	21,767	75.6	7,020	24.4	28,786	100
Kaliro	28,600	17,226	62.8	10,212	37.2	27,438	100
Manafwa	44,167	37,822	87.7	5,283	12.3	43,105	100
Namutumba	28,982	16,401	60.1	10,901	39.9	27,302	100
<b>Total</b>	<b>1,069,885</b>	<b>742,427</b>	<b>71.4</b>	<b>297,067</b>	<b>28.6</b>	<b>1,039,493</b>	<b>100</b>
<b>Northern</b>							

Legal Status of Holders							
District	All Ag HH Heads	An Individual		Two/More Individuals		Total	
		Number	%	Number	%	Number	%
Adjumani	22,292	8,612	39.8	13,006	60.2	21,617	100
Apac	69,996	31,719	46.1	37,120	53.9	68,839	100
Arua	53,910	39,557	74.6	13,495	25.4	53,052	100
Gulu	34,047	20,669	62.1	12,595	37.9	33,264	100
Kitgum	39,347	35,561	93.3	2,537	6.7	38,098	100
Kotido	19,311	11,155	61.3	7,049	38.7	18,204	100
Lira	85,968	54,104	64.2	30,143	35.8	84,247	100
Moroto	13,942	3,186	22.9	10,756	77.1	13,942	100
Moyo	20,188	11,903	60.6	7,751	39.4	19,654	100
Nebbi	71,133	47,008	67.0	23,181	33.0	70,188	100
Nakapiripirit	25,873	11,780	45.5	14,094	54.5	25,873	100
Pader	50,951	17,731	43.0	23,510	57.0	41,241	100
Yumbe	42,913	12,854	31.0	28,607	69.0	41,461	100
Abim	8,810	4,193	47.6	4,617	52.4	8,810	100
Amolatar	16,712	8,820	54.5	7,350	45.5	16,170	100
Amuru	35,614	12,410	36.8	21,308	63.2	33,717	100
Dokolo	26,370	7,844	30.2	18,093	69.8	25,937	100
Kaabong	19,657	12,810	74.0	4,509	26.0	17,319	100
Koboko	23,141	5,628	24.7	17,178	75.3	22,806	100
Nyadri	24,595	16,301	69.2	7,263	30.8	23,565	100
Oyam	50,931	32,077	64.3	17,797	35.7	49,874	100
<b>Total</b>	<b>755,701</b>	<b>405,921</b>	<b>55.8</b>	<b>321,958</b>	<b>44.2</b>	<b>727,879</b>	<b>100</b>
<b>Western</b>							
Bundibugyo	20,158	17,519	90.4	1,862	9.6	19,380	100
Bushenyi	101,429	67,067	69.4	29,613	30.6	96,680	100
Hoima	50,684	28,685	57.1	21,560	42.9	50,245	100
Kabale	82,386	45,367	56.0	35,624	44.0	80,991	100
Kabarole	72,186	54,771	79.5	14,122	20.5	68,893	100
Kasese	83,848	50,973	62.4	30,726	37.6	81,699	100
Kibaale	73,311	49,707	68.4	22,977	31.6	72,685	100
Kisoro	50,215	15,814	32.1	33,453	67.9	49,268	100
Masindi	45,282	21,169	48.4	22,529	51.6	43,698	100
Mbarara	52,618	51,913	98.7	705	1.3	52,618	100
Ntungamo	58,761	43,027	76.3	13,332	23.7	56,358	100
Rukungiri	49,847	44,761	90.0	4,983	10.0	49,744	100
Kamwenge	52,014	46,757	89.9	5,257	10.1	52,014	100
Kanungu	38,230	33,344	88.3	4,413	11.7	37,757	100
Kyenjojo	74,469	55,568	79.3	14,473	20.7	70,041	100
Buliisa	8,223	2,048	29.2	4,957	70.8	7,005	100
Ibanda	34,150	26,511	77.6	7,639	22.4	34,150	100
Isingiro	55,535	41,058	74.1	14,357	25.9	55,415	100
Kiruhura	30,646	24,267	80.3	5,968	19.7	30,235	100
<b>Total</b>	<b>1,033,992</b>	<b>720,327</b>	<b>71.4</b>	<b>288,550</b>	<b>28.6</b>	<b>1,008,877</b>	<b>100</b>

**Table A2.3: Percent Distribution of Ag HH Members by Sex**

District	Ag HHs	Average Household Size	Sex					
			Male		Female		Total	
			Number	%	Number	%	Number	%
<b>Central</b>								
Kalangala	2,623	3	4,403	50.2	4,369	49.8	8,772	100
Kampala	25,464	4	49,836	53.2	43,857	46.8	93,693	100
Kiboga	34,727	4	78,410	52.2	71,732	47.8	150,142	100
Luwero	31,967	5	76,133	50.3	75,198	49.7	151,331	100
Masaka	86,820	4	182,302	49.0	189,777	51.0	372,079	100
Mpigi	70,399	5	166,301	49.4	170,063	50.6	336,364	100
Mubende	70,066	5	196,066	52.0	180,811	48.0	376,877	100
Mukono	94,070	4	200,701	51.0	192,835	49.0	393,536	100
Nakasongola	12,971	6	39,465	50.6	38,505	49.4	77,970	100
Rakai	58,994	4	139,266	53.2	122,327	46.8	261,593	100
Ssembabule	31,708	5	77,877	49.9	78,089	50.1	155,965	100
Kayunga	45,964	6	131,566	50.4	129,444	49.6	261,010	100
Wakiso	78,530	5	196,186	49.0	203,985	51.0	400,171	100
Lyantonde	9,313	6	25,971	50.3	25,685	49.7	51,656	100
Mityana	45,306	5	102,130	47.9	111,154	52.1	213,284	100
Nakaseke	16,564	4	36,334	49.9	36,447	50.1	72,781	100
<b>Total</b>	<b>715,486</b>	<b>5</b>	<b>1,702,950</b>	<b>50.4</b>	<b>1,674,276</b>	<b>49.6</b>	<b>3,377,226</b>	<b>100</b>
<b>Eastern</b>								
Bugiri	71,228	6	211,442	51.3	200,908	48.7	412,350	100
Busia	38,126	5	107,741	51.8	100,087	48.2	207,828	100
Iganga	87,916	7	295,356	51.0	283,615	49.0	578,971	100
Jinja	43,160	5	107,213	50.2	106,431	49.8	213,644	100
Kamuli	95,146	6	288,636	49.8	290,444	50.2	579,080	100
Kapchorwa	22,547	6	65,562	50.4	64,403	49.6	129,965	100
Katakwi	25,716	6	79,603	50.1	79,240	49.9	158,843	100
Kumi	43,075	6	132,530	49.6	134,910	50.4	267,440	100
Mbale	50,494	5	127,525	51.4	120,744	48.6	248,269	100
Pallisa	69,059	6	217,104	50.2	215,510	49.8	432,614	100
Soroti	72,710	6	214,338	51.1	205,418	48.9	419,756	100
Tororo	66,059	6	192,625	50.5	188,925	49.5	381,550	100
Kaberamaido	26,323	6	80,948	49.8	81,520	50.2	162,468	100
Mayuge	46,012	6	135,594	49.4	139,096	50.6	274,691	100
Sironko	50,653	5	134,510	52.8	120,089	47.2	254,599	100
Amuria	37,228	6	104,551	50.4	102,710	49.6	207,261	100
Budaka	26,297	6	74,968	51.8	69,699	48.2	144,666	100
Bududa	18,724	6	50,068	48.6	53,013	51.4	103,081	100
Bukedea	26,154	6	76,672	50.7	74,636	49.3	151,308	100
Bukwo	22,164	7	78,187	50.4	77,013	49.6	155,200	100
Butaleja	29,345	5	82,076	53.0	72,705	47.0	154,782	100
Kaliro	28,600	6	91,898	51.7	85,776	48.3	177,674	100
Manafwa	44,167	6	126,652	50.6	123,853	49.4	250,506	100
Namutumba	28,982	6	89,513	50.8	86,822	49.2	176,334	100
<b>Total</b>	<b>1,069,885</b>	<b>6</b>	<b>3,165,311</b>	<b>50.7</b>	<b>3,077,567</b>	<b>49.3</b>	<b>6,242,878</b>	<b>100</b>
<b>Northern</b>								
Adjumani	22,292	6	63,116	49.9	63,302	50.1	126,418	100
Apac	69,996	5	188,755	50.3	186,327	49.7	375,082	100
Arua	53,910	5	137,776	51.3	130,606	48.7	268,382	100
Gulu	34,047	5	95,087	51.5	89,568	48.5	184,655	100
Kitgum	39,347	6	115,659	52.6	104,178	47.4	219,838	100
Kotido	19,311	5	44,331	50.9	42,804	49.1	87,136	100

District	Ag HHs	Average Household Size	Sex					
			Male		Female		Total	
			Number	%	Number	%	Number	%
Lira	85,968	5	202,741	48.3	216,976	51.7	419,717	100
Moroto	13,942	6	35,994	43.3	47,214	56.7	83,208	100
Moyo	20,188	6	61,636	51.9	57,169	48.1	118,805	100
Nebbi	71,133	5	191,649	50.2	190,121	49.8	381,770	100
Nakapiripirit	25,873	6	78,560	49.5	80,023	50.5	158,583	100
Pader	50,951	4	97,223	53.1	85,989	46.9	183,213	100
Yumbe	42,913	6	132,546	50.8	128,388	49.2	260,935	100
Abim	8,810	7	30,530	48.7	32,170	51.3	62,700	100
Amolatar	16,712	6	50,009	48.8	52,457	51.2	102,465	100
Amuru	35,614	5	91,618	51.2	87,220	48.8	178,838	100
Dokolo	26,370	6	79,498	52.7	71,258	47.3	150,756	100
Kaabong	19,657	8	70,888	46.7	80,998	53.3	151,887	100
Koboko	23,141	7	83,657	52.5	75,734	47.5	159,391	100
Nyadri	24,595	7	86,215	51.2	82,055	48.8	168,270	100
Oyam	50,931	6	148,359	51.5	139,662	48.5	288,021	100
<b>Total</b>	<b>755,701</b>	<b>5</b>	<b>2,085,847</b>	<b>50.5</b>	<b>2,044,220</b>	<b>49.5</b>	<b>4,130,067</b>	<b>100</b>
<b>Western</b>								
Bundibugyo	20,158	6	61,909	53.0	54,831	47.0	116,740	100
Bushenyi	101,429	5	267,037	49.7	270,795	50.3	537,832	100
Hoima	50,684	6	143,892	50.3	142,198	49.7	286,090	100
Kabale	82,386	5	201,586	49.2	208,359	50.8	409,945	100
Kabarole	72,186	5	183,484	49.5	187,555	50.5	371,039	100
Kasese	83,848	6	242,698	51.6	227,465	48.4	470,163	100
Kibaale	73,311	5	195,461	50.5	191,775	49.5	387,236	100
Kisoro	50,215	5	108,931	46.1	127,460	53.9	236,390	100
Masindi	45,282	5	122,412	53.6	106,092	46.4	228,504	100
Mbarara	52,618	6	145,693	50.0	145,483	50.0	291,176	100
Ntungamo	58,761	5	152,962	52.2	140,317	47.8	293,279	100
Rukungiri	49,847	5	130,278	48.0	140,872	52.0	271,150	100
Kamwenge	52,014	5	139,935	50.1	139,429	49.9	279,365	100
Kanungu	38,230	5	96,487	49.0	100,420	51.0	196,907	100
Kyenjojo	74,469	5	200,031	51.9	185,064	48.1	385,094	100
Buliisa	8,223	6	23,845	51.8	22,149	48.2	45,994	100
Ibanda	34,150	6	105,002	52.3	95,630	47.7	200,632	100
Isingiro	55,535	6	154,703	48.1	167,107	51.9	321,810	100
Kiruhura	30,646	6	92,574	53.0	82,133	47.0	174,707	100
<b>Total</b>	<b>1,033,992</b>	<b>5</b>	<b>2,768,920</b>	<b>50.3</b>	<b>2,735,132</b>	<b>49.7</b>	<b>5,504,052</b>	<b>100</b>



**Table A2.4: Percentage Distribution of Ag HH population by Age group and Sex**

District	Age Group												Total					
	0-10		11-20'		21-30		31-40		41-50		51-60			61+				
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		Male	Female			
<b>Central</b>																		
Kalangala	12.0	19.3	11.7	8.9	7.4	8.0	9.0	6.0	4.8	3.9	3.8	3.1	3.1	1.0	1.1	8,592		
Kampala	8.4	5.0	16.6	17.5	6.8	7.5	7.5	8.1	6.8	3.1	4.1	2.1	2.1	3.0	3.7	93,231		
Kiboga	18.4	14.7	12.6	12.2	6.6	7.6	6.6	6.0	4.2	3.2	2.3	2.0	2.0	1.4	2.3	145,295		
Luwero	17.4	17.5	15.0	12.0	5.4	7.2	5.2	5.2	3.9	3.4	1.8	2.0	2.0	1.7	2.3	146,899		
Masaka	11.9	13.7	16.5	14.5	5.1	7.4	5.7	6.1	4.4	4.9	2.7	2.4	2.4	2.6	2.3	366,802		
Mpigi	15.5	15.3	15.6	14.9	5.6	6.4	4.0	4.6	4.0	4.5	2.2	2.5	2.5	2.7	2.2	334,736		
Mubende	18.9	16.7	14.7	13.2	6.3	6.6	4.4	5.5	3.8	3.0	1.9	1.5	1.5	1.9	1.9	348,364		
Mukono	14.6	14.2	14.7	11.6	6.3	8.0	6.1	6.5	4.5	4.0	2.8	2.2	2.2	2.0	2.6	386,346		
Nakasongola	19.7	18.0	12.6	14.3	5.5	7.5	5.9	4.3	3.5	3.0	1.4	1.0	1.0	1.8	1.4	77,001		
Rakai	18.7	13.8	14.1	12.0	7.8	8.2	6.0	4.9	3.0	3.3	1.8	1.7	1.7	1.9	2.8	258,773		
Ssembabule	16.7	16.2	13.5	13.1	5.2	6.8	4.8	7.2	5.0	3.3	2.7	1.8	1.8	2.1	1.8	155,172		
Kayunga	20.1	16.8	13.4	13.7	4.8	6.6	4.5	5.1	3.6	3.1	2.0	2.5	2.5	2.0	1.8	254,902		
Wakiso	13.1	13.1	15.4	16.6	5.4	6.7	5.0	6.7	4.7	3.1	2.2	2.5	2.5	3.2	2.3	398,019		
Lyantonde	17.0	17.6	15.6	12.6	5.5	7.6	5.1	4.3	3.6	3.6	2.0	2.3	2.3	1.6	1.5	50,561		
Mityana	14.7	17.1	12.2	12.5	6.2	8.8	6.9	5.1	2.7	4.0	2.3	2.0	2.0	3.0	2.6	208,473		
Nakaseke	16.0	16.2	14.9	12.6	4.3	6.5	6.3	6.4	3.6	3.6	1.9	1.4	1.4	2.8	3.7	69,527		
<b>Eastern</b>																		
Bugiri	19.7	19.4	13.1	11.6	7.5	7.7	5.1	5.0	3.4	2.9	1.6	1.0	1.0	1.3	0.7	402,948		
Busia	20.1	17.4	13.8	11.8	5.5	7.5	5.9	4.5	3.4	3.4	1.6	2.0	2.0	1.8	1.5	205,702		
Iganga	17.9	16.0	15.3	14.4	5.9	6.9	4.2	5.6	3.7	2.7	2.1	1.7	1.7	1.9	1.7	572,191		
Jinja	16.4	13.7	13.9	13.5	6.0	10.2	6.5	5.4	3.4	2.8	2.0	1.7	1.7	2.1	2.4	211,409		
Kamuli	20.5	19.6	12.9	13.0	5.6	7.0	4.4	4.9	3.4	2.5	1.7	1.5	1.5	1.6	1.4	570,123		
Kapchorwa	15.6	17.2	14.2	13.0	8.4	9.0	5.6	4.8	2.9	2.5	2.1	1.2	1.2	1.8	1.8	128,524		
Katakwi	18.7	19.2	13.5	11.3	6.5	7.5	4.4	4.0	2.6	3.3	1.7	1.9	1.9	3.0	2.4	155,294		
Kumi	17.4	17.0	13.6	12.7	6.6	7.7	4.4	5.0	3.2	2.9	1.4	1.8	1.8	3.0	3.3	261,596		
Mbale	13.9	12.7	14.1	14.6	6.8	9.0	6.5	6.0	4.0	3.4	3.2	1.5	1.5	2.9	1.4	243,027		
Pallisa	18.8	18.4	15.2	13.7	5.7	7.8	4.6	4.4	2.9	2.5	1.1	1.2	1.2	2.0	1.5	423,849		
Soroti	16.7	16.8	15.7	12.8	7.2	8.3	4.7	5.4	4.0	3.1	1.7	1.4	1.4	1.1	1.2	414,681		
Tororo	16.9	16.9	14.0	13.0	5.9	6.6	4.7	5.1	3.8	3.2	2.4	2.1	2.1	2.8	2.5	378,326		
Kaberamaido	18.5	19.6	14.0	12.4	6.3	6.7	5.0	4.4	2.8	3.1	1.5	1.8	1.8	1.7	2.1	159,239		
Mayuge	19.5	18.3	12.7	13.6	4.5	7.7	6.1	5.4	3.1	2.9	1.8	1.2	1.2	1.6	1.5	269,990		

Age Group

District	Age Group												Total		
	0-10		11-20'		21-30		31-40		41-50		51-60			61+	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		Male	Female
Sironko	17.2	15.5	13.3	12.9	7.2	6.8	4.5	4.3	4.8	3.1	2.5	2.0	3.2	2.6	253,757
Amuria	18.2	17.3	14.5	12.3	7.1	9.3	4.6	4.4	3.1	2.6	1.0	2.1	2.0	1.5	203,895
Budaka	19.1	17.6	13.8	10.5	5.0	7.7	4.7	5.4	4.1	3.1	2.2	2.7	2.8	1.3	142,548
Bududa	18.0	18.6	11.8	14.1	5.1	7.1	5.2	4.6	4.1	2.6	2.1	1.8	2.4	2.5	101,833
Bukedea	17.5	16.6	15.9	13.2	7.2	8.1	4.6	4.6	2.6	2.9	1.4	1.8	1.7	1.9	147,165
Bukwo	19.5	18.1	12.3	13.9	8.0	7.7	5.2	4.9	3.1	3.3	1.9	0.7	0.7	0.9	151,172
Butaleja	19.0	15.8	13.6	11.7	6.7	8.1	5.5	4.3	2.4	3.7	2.8	2.0	3.1	1.5	150,624
Kaliro	20.1	18.9	14.6	12.2	4.7	7.1	5.4	5.2	3.9	2.1	1.4	1.5	1.5	1.1	175,170
Manafwa	15.9	16.3	14.3	13.5	6.2	6.6	5.1	5.1	4.2	3.3	2.4	2.4	2.5	2.2	248,615
Namutumba	18.4	19.2	15.6	12.5	4.9	6.8	5.4	4.5	2.6	2.5	1.5	1.4	2.4	2.2	174,461
<b>Northern</b>															
Adjumani	16.2	17.1	15.7	13.0	6.4	8.8	5.7	6.9	3.9	2.3	1.2	1.4	0.9	0.8	123,869
Apac	14.5	15.1	16.2	14.5	6.5	7.8	6.1	6.5	3.5	3.2	1.9	1.2	1.4	1.8	370,265
Arua	17.7	14.9	12.0	11.3	7.4	9.2	5.6	6.6	4.4	3.6	2.4	1.7	1.9	1.3	253,940
Gulu	11.3	10.6	16.4	15.4	9.6	9.1	6.2	6.0	4.1	3.1	1.7	2.3	2.4	1.8	173,787
Kitgum	15.7	13.9	16.8	13.2	9.1	8.6	5.2	4.8	3.0	3.6	1.8	2.1	1.3	1.0	214,811
Kotido	7.1	6.0	12.1	11.4	10.3	13.7	7.1	8.1	6.1	6.1	4.4	1.6	4.1	1.9	47,253
Lira	14.4	15.5	14.1	15.3	7.9	8.7	4.7	5.4	3.4	3.5	2.4	1.6	1.5	1.6	415,083
Moroto	13.1	13.2	12.0	14.9	5.3	9.8	6.0	9.1	4.5	5.6	2.3	2.5	1.1	0.6	58,648
Moyo	16.6	14.0	14.8	12.1	6.7	7.8	5.7	6.8	3.9	4.0	2.1	1.8	2.0	1.7	115,019
Nebbi	17.4	15.3	13.6	13.0	6.3	8.3	5.3	5.2	3.1	3.7	2.3	2.0	2.4	2.1	372,744
Nakapiripirit	12.5	14.1	13.4	15.1	9.2	11.0	4.8	4.3	4.1	2.9	3.7	1.9	1.8	1.1	157,953
Pader	12.6	10.0	15.3	12.8	9.4	9.9	6.4	5.6	4.7	4.0	2.7	2.7	2.0	2.1	182,219
Yumbe	17.0	15.8	13.7	12.1	7.6	9.0	5.5	6.5	3.3	3.7	2.7	1.4	1.4	0.4	256,011
Abim	18.6	17.3	14.2	15.3	7.0	8.8	4.4	5.0	2.2	2.7	1.7	1.5	0.9	0.5	62,225
Amolatar	19.5	19.7	12.7	12.7	4.9	7.1	4.6	4.6	3.2	3.4	2.2	2.0	1.7	1.6	101,123
Amuru	16.7	15.8	12.9	10.8	7.6	8.4	5.9	5.3	2.2	1.7	1.1	1.6	5.2	4.7	170,577
Dokolo	18.4	16.8	14.5	10.3	7.3	8.2	5.5	4.9	3.2	3.6	2.5	1.4	1.4	1.9	148,290
Kaabong	18.0	16.9	14.8	15.5	5.9	10.8	2.8	5.4	2.2	3.5	1.1	1.3	1.7	0.1	148,945
Koboko	19.2	13.9	16.1	13.6	6.0	7.9	4.2	5.6	2.8	3.8	2.2	2.3	1.9	0.5	156,225
Niyadri	17.1	16.1	15.0	11.1	6.6	8.6	5.8	6.5	3.5	3.0	1.2	1.7	1.7	1.9	159,780
Oyam	17.1	16.3	13.7	13.3	8.0	8.0	4.8	4.5	3.5	3.0	1.8	1.9	2.6	1.6	283,744

District	Age Group												Total				
	0-10		11-20'		21-30		31-40		41-50		51-60			61+			
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		Male	Female		
<b>Western</b>																	
Bundibugyo	15.6	13.7	14.4	13.7	9.0	9.5	5.0	4.1	3.6	3.8	3.1	1.3	1.9	1.2	115,443		
Bushenyi	14.1	14.0	14.3	13.7	7.1	9.1	5.7	5.3	3.6	3.3	2.2	1.9	2.8	2.9	532,220		
Hoima	16.7	17.1	14.0	12.7	6.5	9.0	6.2	5.2	2.7	2.2	2.0	2.0	2.0	1.6	283,694		
Kabale	14.5	14.3	14.8	14.0	6.3	8.1	5.5	5.7	3.3	4.0	2.0	2.0	2.9	2.7	407,294		
Kabarole	15.2	14.0	14.4	14.8	7.5	7.7	5.0	5.5	2.7	3.2	2.3	2.6	2.1	2.9	367,672		
Kasese	15.7	15.1	15.3	13.2	6.9	7.8	5.1	5.4	3.7	3.5	2.4	1.2	2.5	2.2	464,682		
Kibaale	17.8	18.1	13.0	12.8	6.8	7.7	4.9	5.6	3.6	2.5	1.9	1.3	2.4	1.6	382,572		
Kisoro	13.1	14.6	13.4	14.7	6.3	8.5	4.8	6.4	4.0	5.0	2.5	2.2	2.0	2.7	234,908		
Masindi	13.5	12.2	15.7	13.4	6.9	7.7	8.2	6.6	4.4	3.4	2.1	1.9	2.8	1.1	223,782		
Mbarara	12.7	14.5	16.2	14.1	7.4	8.5	6.0	6.4	3.7	3.0	2.3	1.6	1.7	1.9	290,440		
Ntungamo	13.0	11.1	17.3	14.5	7.3	9.3	6.3	6.2	4.1	3.9	2.3	1.2	1.9	1.5	286,795		
Rukungiri	10.1	11.8	14.7	16.0	9.2	9.3	6.1	6.3	3.5	3.9	2.0	2.7	2.5	2.0	269,070		
Kamwenge	17.3	16.3	13.1	13.6	7.2	8.1	5.3	4.9	3.1	2.7	1.7	2.7	2.2	1.9	273,622		
Kanungu	15.2	16.5	14.1	13.2	7.2	8.6	5.4	5.4	2.6	2.7	2.2	2.4	2.3	2.2	193,175		
Kyenjojo	16.5	15.9	14.5	11.0	7.2	8.9	6.2	6.0	4.1	3.1	1.8	1.6	1.6	1.6	380,104		
Buliisa	17.2	16.0	13.8	10.8	6.8	7.1	4.5	7.3	5.2	3.3	2.0	2.9	2.2	0.8	44,693		
Ibanda	15.5	13.6	13.9	12.9	9.2	8.3	5.3	5.1	3.5	4.1	2.2	2.0	2.8	1.8	197,934		
Isingiro	16.5	19.1	12.6	12.6	6.9	8.2	5.3	4.8	3.1	3.1	1.9	1.9	1.9	2.2	319,223		
Kiruhura	12.4	11.1	16.3	12.0	8.0	10.3	7.1	5.4	4.4	3.7	2.7	2.6	2.2	1.8	173,316		
<b>Uganda</b>	<b>16.3</b>	<b>15.7</b>	<b>14.4</b>	<b>13.3</b>	<b>6.7</b>	<b>8.0</b>	<b>5.3</b>	<b>5.5</b>	<b>3.6</b>	<b>3.3</b>	<b>2.1</b>	<b>1.8</b>	<b>2.1</b>	<b>1.9</b>	<b>18,861,982</b>		

**Table A2.5: Percentage Distribution of Ag HH members by Relationship to the Ag HH Head**

District	Relation To Ag HH Head						Total	Total
	Head	Spouse	Son or daughter	Parent	Other relative	Non relative		
<b>Central</b>								
Kalangala	29.9	12.2	43.5	0.2	10.7	3.4	100	8,762
Kampala	27.2	11.4	47.3	0.6	10.6	2.9	100	93,466
Kiboga	23.2	14.4	49.0	1.1	10.9	1.4	100	149,808
Luwero	21.3	12.4	54.5	0.5	11.2	0.1	100	150,015
Masaka	23.4	14.1	46.9	0.4	13.8	1.5	100	370,786
Mpigi	21.0	13.1	49.7	0.4	15.2	0.7	100	334,991
Mubende	18.6	13.1	57.0	0.7	9.8	0.8	100	376,711
Mukono	23.9	14.2	43.5	0.6	16.1	1.8	100	392,938
Nakasongola	16.7	12.6	62.3	1.3	6.7	0.4	100	77,771
Rakai	22.6	13.2	49.6	0.3	13.3	1.0	100	261,594
Ssembabule	20.7	14.1	51.5	2.0	8.9	2.7	100	153,520
Kayunga	17.7	13.2	56.3	0.7	11.8	0.3	100	260,170
Wakiso	19.6	12.6	48.6	0.7	16.5	1.9	100	400,042
Lyantonde	18.0	12.7	58.3	0.5	9.9	0.5	100	51,657
Mityana	21.3	12.8	53.2	0.3	10.9	1.6	100	213,033
Nakaseke	22.8	12.4	46.9	1.1	14.9	1.9	100	72,625
<b>Eastern</b>								
Bugiri	17.3	14.4	57.6	0.3	9.9	0.4	100	410,700
Busia	18.9	14.4	55.5	0.4	10.4	0.3	100	201,213
Iganga	15.2	12.4	57.5	0.8	13.8	0.3	100	577,979
Jinja	20.4	15.0	53.4	0.5	10.2	0.4	100	211,923
Kamuli	16.5	13.9	57.2	0.8	11.2	0.4	100	575,818
Kapchorwa	17.4	14.1	64.1	0.1	4.2	0.2	100	129,443
Katakwi	16.2	10.6	58.3	3.0	11.3	0.5	100	158,843
Kumi	16.2	12.1	58.3	1.7	11.0	0.8	100	266,560
Mbale	20.4	13.5	57.1	0.6	7.7	0.7	100	247,684
Pallisa	16.0	14.7	60.3	1.2	7.7	0.1	100	432,475
Soroti	17.5	13.8	61.4	1.0	5.4	0.9	100	416,151
Tororo	17.4	14.2	55.5	0.8	12.0	0.2	100	378,989
Kaberamaido	16.3	12.6	58.7	1.3	11.0	0.1	100	161,763
Mayuge	16.8	14.5	57.0	0.8	10.0	1.1	100	274,411
Sironko	20.0	14.5	55.9	0.3	9.0	0.2	100	252,745
Amuria	18.0	13.0	56.9	2.5	9.3	0.4	100	207,111
Budaka	18.3	15.1	57.0	1.2	8.0	0.4	100	143,315
Bududa	18.3	14.0	59.4	0.4	7.8	0.2	100	102,487
Bukedea	17.3	13.3	65.5	0.9	3.0	0.0	100	151,228
Bukwo	14.4	13.0	62.6	0.2	9.0	0.8	100	154,208
Butaleja	19.1	17.7	56.7	1.1	5.2	0.2	100	153,776
Kaliro	16.1	13.7	61.9	0.9	7.0	0.3	100	177,610
Manafwa	17.7	14.7	58.8	0.5	7.8	0.6	100	249,604
Namutumba	16.4	13.0	59.2	2.6	8.5	0.2	100	176,198
<b>Northern</b>								
Adjumani	17.6	12.9	53.0	1.1	15.3	0.1	100	126,418
Apac	18.7	15.7	56.7	0.7	8.1	0.3	100	374,639
Arua	20.1	15.7	47.8	1.3	13.8	1.3	100	268,383
Gulu	18.5	12.8	54.8	1.8	12.0	0.1	100	184,422
Kitgum	18.0	13.5	61.8	0.2	6.4	0.1	100	218,904
Kotido	22.2	14.3	56.0	3.7	3.6	0.1	100	87,021

District	Relation To Ag HH Head						Total	Total
	Head	Spouse	Son or daughter	Parent	Other relative	Non relative		
Lira	20.5	14.9	56.6	0.2	7.4	0.3	100	418,367
Moroto	16.8	12.2	59.8	4.0	7.1	0.2	100	83,208
Moyo	17.0	13.1	53.8	1.4	14.5	0.1	100	118,721
Nebbi	18.7	14.8	56.4	0.3	7.5	2.3	100	380,370
Nakapiripirit	16.3	15.5	59.5	1.9	6.5	0.3	100	158,583
Pader	27.9	17.0	49.1	0.6	4.6	0.9	100	182,793
Yumbe	16.5	13.7	54.8	2.4	12.2	0.3	100	260,639
Abim	14.1	9.9	62.4	0.6	12.8	0.2	100	62,372
Amolatar	16.4	11.6	62.2	2.5	6.1	1.2	100	102,093
Amuru	20.1	13.3	51.3	1.5	13.4	0.4	100	176,882
Dokolo	17.5	13.7	61.7	1.0	6.0	0.1	100	150,694
Kaabong	12.9	12.0	68.4	0.5	5.5		100	151,887
Koboko	14.5	14.1	59.7	1.6	9.9	0.2	100	159,391
Nyadri	14.6	14.3	54.9	2.8	12.8	0.6	100	167,985
Oyam	17.7	14.4	56.4	1.5	9.9	0.1	100	287,762
<b>Western</b>								
Bundibugyo	17.3	14.6	52.6	2.1	12.1	1.4	100	116,656
Bushenyi	18.9	14.9	56.8	0.6	8.1	0.7	100	535,316
Hoima	17.8	14.0	56.1	1.0	10.2	0.9	100	285,458
Kabale	20.1	12.8	59.7	1.5	5.6	0.3	100	409,946
Kabarole	19.5	11.7	51.7	1.0	14.8	1.2	100	370,446
Kasese	17.8	14.7	60.4	1.2	5.8	0.1	100	470,162
Kibaale	19.0	15.1	55.6	0.4	9.6	0.3	100	385,920
Kisoro	21.3	15.5	58.9	0.3	3.7	0.4	100	236,173
Masindi	19.8	15.3	54.6	1.2	7.7	1.4	100	228,432
Mbarara	18.1	13.5	59.7	0.5	6.6	1.7	100	290,964
Ntungamo	20.1	16.3	60.6	0.2	2.8	0.1	100	292,893
Rukungiri	18.4	13.9	56.6	0.6	8.9	1.6	100	270,416
Kamwenge	18.6	14.7	57.1	0.7	8.5	0.4	100	279,365
Kanungu	19.4	14.2	58.2	0.1	7.5	0.6	100	196,908
Kyenjojo	19.5	14.2	54.7	0.9	10.0	0.7	100	381,391
Buliisa	17.9	15.9	59.0	0.3	6.3	0.5	100	45,994
Ibanda	17.0	13.6	60.8	0.5	7.4	0.7	100	200,632
Isingiro	17.3	13.0	59.9	0.5	8.0	1.3	100	321,435
Kiruhura	17.5	15.2	58.9	1.2	5.1	2.1	100	174,707
<b>Uganda</b>	<b>18.6</b>	<b>13.9</b>	<b>56.3</b>	<b>0.9</b>	<b>9.5</b>	<b>0.7</b>	<b>100</b>	<b>19,193,993</b>

**Table A2.6: Percentage Distribution of Ag HH members by Marital Status**

District	Marital Status					Total	Number
	Never married	Married	Widowed and not remarried	Divorced and not remarried	Married but separated		
<b>Central</b>							
Kalangala	41.4	34.4	6.3	11.0	7.0	100	6,301
Kampala	55.6	32.9	7.2	0.5	3.7	100	82,234
Kiboga	45.9	41.6	4.7	4.9	2.9	100	106,204
Luwero	51.4	37.0	5.4	3.8	2.3	100	104,312
Masaka	51.2	36.5	5.7	3.4	3.2	100	280,359
Mpigi	54.0	33.5	6.2	2.1	4.3	100	250,350
Mubende	49.7	39.3	4.6	2.1	4.3	100	264,808
Mukono	46.4	40.0	6.1	3.3	4.1	100	301,344
Nakasongola	47.9	43.8	2.5	1.5	4.2	100	50,609
Rakai	54.4	33.7	7.4	2.1	2.4	100	187,976
Ssembabule	50.2	40.0	4.7	2.3	2.8	100	109,292
Kayunga	51.5	38.9	4.7	3.0	1.9	100	178,981
Wakiso	53.2	34.7	5.1	2.4	4.7	100	305,902
Lyantonde	52.0	38.7	6.0	1.5	1.8	100	36,663
Mityana	49.3	37.6	6.3	3.8	3.0	100	153,174
Nakaseke	49.2	38.6	6.5	3.0	2.8	100	53,492
<b>Eastern</b>							
Bugiri	44.7	48.6	4.3	1.4	0.9	100	259,114
Busia	47.8	43.4	5.6	1.8	1.3	100	136,601
Iganga	53.7	38.9	4.5	1.3	1.6	100	409,593
Jinja	48.7	41.3	5.4	2.9	1.8	100	156,795
Kamuli	49.0	43.7	3.7	1.9	1.6	100	374,568
Kapchorwa	50.0	46.3	2.5	0.4	0.9	100	92,318
Katakwi	52.1	39.5	5.3	0.6	2.6	100	105,870
Kumi	49.0	40.7	7.2	1.2	1.9	100	177,750
Mbale	49.4	42.0	4.7	2.1	1.9	100	187,113
Pallisa	49.2	45.4	3.4	1.1	0.9	100	290,541
Soroti	45.8	46.4	5.2	0.9	1.7	100	295,353
Tororo	49.0	44.3	4.7	1.1	0.9	100	267,324
Kaberamaido	51.1	41.6	4.5	1.3	1.4	100	108,998
Mayuge	48.5	44.9	3.5	2.3	0.8	100	185,528
Sironko	49.5	42.1	4.1	1.1	3.2	100	179,917
Amuria	49.8	42.0	5.5	0.8	1.9	100	144,913
Budaka	44.7	46.1	4.8	3.5	0.8	100	98,069
Bududa	50.1	42.8	4.4	2.2	0.4	100	69,290
Bukedea	51.4	41.1	4.9	0.9	1.8	100	106,129
Bukwo	52.4	42.9	2.6	0.8	1.3	100	104,014
Butaleja	44.2	49.1	3.5	1.7	1.5	100	106,022
Kaliro	51.3	41.5	3.4	1.6	2.1	100	116,995

District	Marital Status					Total	Number
	Never married	Married	Widowed and not remarried	Divorced and not remarried	Married but separated		
Manafwa	48.9	44.2	3.8	1.0	2.1	100	180,956
Namutumba	48.8	43.7	4.8	1.7	0.9	100	117,520
<b>Northern</b>							
Adjumani	50.0	39.1	3.4	1.7	5.9	100	88,760
Apac	43.9	47.8	4.7	1.9	1.8	100	252,008
Arua	39.9	49.1	3.9	2.5	4.6	100	193,472
Gulu	49.1	40.6	6.4	1.7	2.2	100	150,641
Kitgum	58.5	34.4	4.5	1.3	1.2	100	161,924
Kotido	44.0	53.7	1.9	0.1	0.3	100	81,156
Lira	47.7	44.7	4.9	1.4	1.3	100	310,418
Moroto	41.9	54.9	2.1	0.2	0.9	100	70,015
Moyo	46.7	42.0	5.5	2.7	3.2	100	84,144
Nebbi	45.5	45.9	4.3	2.1	2.3	100	271,089
Nakapiripirit	39.3	57.1	2.3	0.2	1.0	100	121,541
Pader	40.6	45.9	7.2	1.8	4.5	100	145,088
Yumbe	47.0	43.8	3.7	3.2	2.4	100	184,566
Abim	55.7	40.9	2.1	0.3	1.0	100	42,827
Amolatar	50.2	41.1	4.6	1.9	2.3	100	66,232
Amuru	47.3	45.4	2.7	2.1	2.5	100	126,727
Dokolo	48.0	43.4	5.7	1.3	1.5	100	102,470
Kaabong	42.8	55.9	1.2	0.0	0.1	100	108,332
Koboko	46.8	46.6	3.7	2.1	0.9	100	112,849
Nyadri	46.4	44.0	2.9	1.4	5.3	100	118,347
Oyam	48.6	42.7	4.5	1.7	2.5	100	201,575
<b>Western</b>							
Bundibugyo	46.6	44.1	3.4	3.4	2.5	100	87,858
Bushenyi	48.8	42.2	5.3	2.0	1.6	100	396,006
Hoima	48.7	43.3	3.2	1.8	3.0	100	195,814
Kabale	51.8	39.1	7.3	1.1	0.6	100	307,980
Kabarole	53.6	34.2	6.2	2.6	3.5	100	274,216
Kasese	49.4	42.0	4.0	2.3	2.2	100	340,219
Kibaale	47.5	44.4	4.2	2.2	1.7	100	262,617
Kisoro	48.3	43.5	5.9	0.8	1.4	100	179,353
Masindi	48.3	41.4	3.7	2.1	4.5	100	177,473
Mbarara	54.7	38.6	4.5	1.3	0.9	100	221,447
Ntungamo	53.2	42.3	3.0	0.7	0.9	100	236,192
Rukungiri	52.5	38.9	5.4	2.0	1.2	100	220,532
Kamwenge	48.7	41.9	5.4	1.5	2.4	100	197,741
Kanungu	48.9	42.6	5.9	1.0	1.6	100	139,776
Kyenjojo	49.3	41.9	3.8	2.0	3.0	100	272,189

District	Marital Status					Total	Number
	Never married	Married	Widowed and not remarried	Divorced and not remarried	Married but separated		
Buliisa	42.5	51.4	2.4	1.2	2.5	100	30,620
Ibanda	47.6	45.8	4.3	1.0	1.2	100	150,611
Isingiro	47.5	42.6	5.5	2.1	2.3	100	219,026
Kiruhura	48.3	44.6	4.3	1.6	1.2	100	140,159
<b>Uganda</b>	<b>49.1</b>	<b>42.2</b>	<b>4.7</b>	<b>1.8</b>	<b>2.2</b>	<b>100</b>	<b>13,787,301</b>



**Table A2.7: Percentage Distribution of Ag HH members by Highest Level of Education**

District	Education Status						Total	Number
	Never been to School	Primary	Secondary	Post Secondary	Vocational Training	Functional Adult Literacy		
<b>Central</b>								
Kalangala	4.2	57.5	18.4	16.9		3.1	100	9,135
Kampala	3.7	26.5	35.5	34.2	0.2		100	116,240
Kiboga	14.5	59.6	13.4	12.6			100	146,227
Luwero	10.5	54.9	18.2	16.5			100	155,147
Masaka	6.4	56.1	19.2	18.2	0.2		100	402,606
Mpigi	8.5	55.9	18.4	16.9	0.1	0.1	100	348,333
Mubende	19.2	59.9	11.1	9.8			100	359,181
Mukono	8.3	49.0	21.7	20.7	0.2	0.1	100	426,507
Nakasongola	8.9	62.9	14.3	13.9			100	74,363
Rakai	12.3	62.4	12.8	12.4			100	257,079
Ssembabule	13.9	56.6	14.9	14.1	0.5		100	151,848
Kayunga	16.0	56.5	14.1	13.4		0.0	100	257,476
Wakiso	3.6	41.9	27.8	26.4	0.2		100	454,421
Lyantonde	12.7	65.4	11.1	10.8			100	50,032
Mityana	10.9	51.1	19.4	18.4	0.2		100	219,399
Nakaseke	6.2	57.2	19.1	17.4	0.1		100	77,320
<b>Eastern</b>								
Bugiri	15.3	57.5	13.8	13.4			100	381,109
Busia	12.2	51.9	18.3	17.4		0.1	100	210,486
Iganga	13.7	47.8	19.8	18.6		0.2	100	610,186
Jinja	7.3	41.8	25.9	24.7	0.3		100	233,257
Kamuli	13.0	60.5	13.5	13.0	0.0		100	537,597
Kapchorwa	12.3	52.2	17.9	17.7			100	132,934
Katakwi	22.6	56.4	10.7	10.1	0.1		100	148,178
Kumi	15.0	60.4	12.4	12.0	0.3		100	251,239
Mbale	7.0	48.1	23.0	21.9			100	258,208
Pallisa	17.1	60.3	11.4	11.1	0.1		100	407,053
Soroti	13.3	61.7	12.7	12.1	0.2		100	404,314
Tororo	13.4	58.6	14.2	13.6	0.1		100	372,566
Kaberamaido	13.8	65.3	10.5	9.9	0.4	0.0	100	153,001
Mayuge	12.9	60.2	13.7	13.1			100	266,930
Sironko	7.9	61.4	15.9	14.7	0.1	0.0	100	251,664
Amuria	16.0	61.3	11.2	10.5	0.9		100	195,307
Budaka	12.6	60.8	13.8	12.8			100	137,833
Bududa	12.9	62.0	12.7	12.3		0.0	100	96,168
Bukedea	16.4	59.3	12.3	11.9	0.1		100	144,571
Bukwo							100	

Education Status								
District	Never been to School	Primary	Secondary	Post Secondary	Vocational Training	Functional Adult Literacy	Total	Number
Butaleja	13.5	58.2	14.8	13.5	0.1		100	149,818
Kaliro	17.6	60.0	11.3	11.0			100	166,832
Manafwa	10.8	61.8	14.0	13.4	0.0		100	245,967
Namutumba	18.5	55.4	13.5	12.6			100	169,439
<b>Northern</b>								
Adjumani	17.1	60.7	11.7	10.4	0.0	0.1	100	121,623
Apac	11.3	67.7	10.9	10.0	0.1		100	363,231
Arua	17.8	65.1	8.8	7.8	0.3	0.0	100	243,263
Gulu	9.2	49.7	20.8	19.2	0.7	0.3	100	197,026
Kitgum	14.7	57.2	16.0	11.8	0.3		100	218,973
Kotido							100	
Lira	19.6	58.2	11.4	10.7	0.2		100	409,942
Moroto	78.2	18.4	1.8	1.6			100	78,832
Moyo	22.3	58.4	10.2	9.0	0.1		100	111,501
Nebbi	19.3	63.7	8.8	8.1	0.1	0.0	100	357,583
Nakapiripirit	70.6	18.9	6.0	4.5			100	145,117
Pader	14.1	43.3	21.8	20.8			100	202,437
Yumbe	26.4	55.1	9.7	8.9	0.0		100	245,409
Abim	30.5	50.8	9.3	8.9	0.0	0.4	100	58,997
Amolatar	17.7	63.6	9.3	8.7	0.7		100	92,631
Amuru	17.5	64.3	9.5	8.6	0.0		100	172,362
Dokolo	16.8	63.5	10.2	8.7	0.5	0.2	100	139,026
Kaabong	73.7	21.8	2.3	2.1	0.1		100	133,633
Koboko	14.3	64.5	11.8	9.3	0.2		100	150,492
Nyadri	21.4	63.5	7.8	7.0	0.1	0.2	100	156,749
Oyam	17.9	61.1	10.6	9.3	1.0		100	270,110
<b>Western</b>								
Bundibugyo	10.4	53.0	18.4	18.1	0.1		100	121,540
Bushenyi	9.9	63.1	13.8	12.8	0.4	0.1	100	514,444
Hoima	12.1	53.0	17.5	17.0	0.4	0.1	100	280,469
Kabale	14.4	56.0	14.9	14.4	0.1	0.2	100	414,852
Kabarole	12.2	58.5	15.2	14.0	0.1	0.0	100	373,599
Kasese	12.8	52.3	18.0	16.8	0.1		100	487,305
Kibaale	18.4	61.7	10.1	9.8			100	356,225
Kisoro	22.4	49.7	14.0	13.5	0.2	0.2	100	238,850
Masindi	13.9	54.7	16.3	15.1			100	237,797
Mbarara	9.3	57.6	16.7	15.7	0.6	0.0	100	290,434
Ntungamo	10.5	63.9	13.2	12.4			100	298,139

Education Status								Total	Number
District	Never been to School	Primary	Secondary	Post Secondary	Vocational Training	Functional Adult Literacy			
Rukungiri	7.6	49.1	21.7	21.3	0.4	0.1	100	296,372	
Kamwenge	19.0	64.2	8.7	7.9		0.1	100	256,977	
Kanungu	12.4	66.1	10.9	10.5	0.1		100	183,410	
Kyenjojo	13.7	54.5	16.3	15.5	0.0		100	384,058	
Buliisa	23.8	59.9	8.5	7.7			100	42,825	
Ibanda	12.8	63.5	11.8	11.4	0.5	0.1	100	192,772	
Isingiro	18.4	61.8	10.0	9.5	0.2		100	296,022	
Kiruhura	7.7	63.1	15.2	14.0	0.0		100	183,849	

**Table A2.8: Percentage Distribution of Ag HH Heads and members by literacy and Sex**

District	Ag HH heads who can read and write			Ag HH members who Can Read and Write		
	Male-headed	Female-headed	Total	Male	Female	Total
<b>Central</b>						
Kalangala	70.9	29.1	2,414	54.0	46.0	5,786
Kampala	71.5	28.5	20,333	51.9	48.1	72,675
Kiboga	84.8	15.2	19,603	54.2	45.8	65,583
Luwero	78.9	21.1	23,287	52.6	47.4	78,114
Masaka	76.7	23.3	69,079	50.2	49.8	238,283
Mpigi	78.6	21.4	53,544	52.4	47.6	195,518
Mubende	86.3	13.7	49,624	55.6	44.4	177,787
Mukono	75.7	24.3	74,465	52.1	47.9	249,623
Nakasongola	84.6	15.4	9,443	51.1	48.9	36,975
Rakai	79.3	20.7	42,969	53.5	46.5	146,160
Ssembabule	81.1	18.9	22,711	49.5	50.5	82,774
Kayunga	90.4	9.6	29,358	52.4	47.6	119,009
Wakiso	81.6	18.4	67,253	50.0	50.0	260,164
Lyantonde	83.3	16.6	6,894	53.9	46.1	28,766
Mityana	80.9	19.1	31,393	51.4	48.6	116,736
Nakaseke	75.6	24.4	12,739	51.9	48.1	45,406
<b>Eastern</b>						
Bugiri	96.8	3.2	45,116	61.3	38.7	146,475
Busia	92.5	7.5	26,476	57.8	42.2	93,376
Iganga	90.5	9.5	59,282	54.2	45.8	289,635
Jinja	87.3	12.7	34,386	51.9	48.1	127,596
Kamuli	90.8	9.2	62,442	55.6	44.4	222,470
Kapchorwa	95.8	4.2	12,210	56.3	43.7	49,106
Katakwi	87.8	12.2	14,878	60.6	39.4	65,040
Kumi	89.2	10.8	26,655	55.2	44.8	118,115
Mbale	84.5	15.5	38,119	52.4	47.6	136,742
Pallisa	95.2	4.8	39,555	58.7	41.3	154,969
Soroti	88.4	11.6	52,392	56.8	43.2	196,957
Tororo	89.6	10.4	40,839	56.9	43.1	158,128
Kaberamaido	91.4	8.6	19,377	57.1	42.9	79,930
Mayuge	92.2	7.8	31,672	52.8	47.2	122,552
Sironko	94.3	5.7	30,667	55.8	44.2	117,406
Amuria	85.2	14.8	22,718	58.1	41.9	80,132
Budaka	91.8	8.2	16,361	58.6	41.4	59,307
Bududa	91.3	8.7	12,783	49.8	50.2	49,779
Bukedea	85.0	15.0	15,107	57.8	42.2	62,924
Bukwo	97.1	2.9	15,603	56.0	44.0	59,469
Butaleja	94.5	5.5	17,935	56.8	43.2	65,513
Kaliro	93.7	6.3	15,623	61.6	38.4	53,913
Manafwa	91.8	8.2	28,476	54.7	45.3	120,002
Namutumba	90.5	9.6	17,260	59.0	41.0	69,499
<b>Northern</b>						
Adjumani	86.6	13.4	15,362	58.6	41.4	56,614
Apac	89.0	11.0	53,366	54.1	45.9	209,058
Arua	88.8	11.2	34,792	59.7	40.3	113,449

District	Ag HH heads who can read and write			Ag HH members who Can Read and Write		
	Male-headed	Female-headed	Total	Male	Female	Total
Gulu	84.0	16.0	24,624	59.1	40.9	108,948
Kitgum	85.9	14.1	23,922	62.8	37.2	94,534
Kotido	61.7	38.3	154	72.0	28.0	1,223
Lira	90.3	9.7	56,306	56.5	43.5	203,941
Moroto	7.6	92.4	10,260	58.6	41.4	11,783
Moyo	85.2	14.8	12,756	60.2	39.8	46,017
Nebbi	91.6	8.4	47,363	61.3	38.7	149,809
Nakapiripirit	81.3	18.7	4,087	63.2	36.8	29,749
Pader	73.4	26.6	29,290	60.4	39.6	87,752
Yumbe	92.5	7.5	19,333	64.9	35.1	90,437
Abim	92.7	7.3	3,581	55.4	44.6	20,906
Amolatar	88.0	12.0	12,714	55.0	45.0	47,970
Amuru	83.3	16.7	20,006	65.3	34.7	66,909
Dokolo	91.0	9.0	19,688	62.3	37.7	68,719
Kaabong	87.8	12.2	2,662	68.8	31.2	13,456
Koboko	92.5	7.5	16,671	59.5	40.5	63,358
Nyadri	94.5	5.5	17,485	61.5	38.5	69,748
Oyam	92.3	7.7	37,958	57.8	42.2	131,364
<b>Western</b>						
Bundibugyo	94.7	5.3	14,014	57.8	42.2	62,242
Bushenyi	90.6	9.4	69,979	52.3	47.7	311,845
Hoima	87.1	12.9	42,044	54.1	45.9	162,012
Kabale	87.7	12.3	54,018	52.9	47.1	231,412
Kabarole	78.3	21.7	51,772	49.8	50.2	209,357
Kasese	91.7	8.3	53,584	56.8	43.2	235,587
Kibaale	90.2	9.8	49,745	54.3	45.7	185,873
Kisoro	86.8	13.2	27,629	50.7	49.3	110,799
Masindi	87.8	12.2	30,775	59.4	40.6	106,352
Mbarara	85.4	14.6	41,235	53.7	46.3	184,620
Ntungamo	91.7	8.3	40,902	53.7	46.3	192,811
Rukungiri	87.8	12.2	38,532	50.6	49.4	190,566
Kamwenge	91.3	8.7	34,561	55.0	45.0	131,805
Kanungu	88.0	12.0	26,522	54.1	45.9	95,670
Kyenjojo	85.1	14.9	52,835	54.5	45.5	203,531
Buliisa	90.8	9.2	4,072	64.7	35.3	15,336
Ibanda	87.9	12.1	24,383	54.7	45.3	115,698
Isingiro	91.1	8.9	35,800	53.5	46.5	154,784
Kiruhura	95.2	4.8	23,748	54.5	45.5	109,864
<b>Uganda</b>	<b>86.9</b>	<b>13.1</b>	<b>2,409,572</b>	<b>55.1</b>	<b>44.9</b>	<b>9,314,297</b>

**Table A2.9: Percentage Distribution of Ag HH members by Main Activity**

District	Main activity											Total	Number		
	Crop Production	Livestock Production	Fishing	Forestry	Trader	Artisan	Ag paid job	Non-paid Ag	No activity looking	No activity looking for a job	Student			HH work	Apiary
<b>Central</b>															
Kalangala	33.0	4.5	10.9	1.1	4.6	0.2	0.2	4.1	2.8	0.7	31.4	6.6	0.1	100	6,698
Kampala	10.7	3.5			16.2	1.2	0.1	11.7	2.7	1.2	41.7	10.9		100	83,515
Kiboga	54.9	4.1			1.9	0.2	0.7	1.2	0.2	1.2	31.9	3.7	0.1	100	108,823
Luwero	43.9	0.2	0.0	1.4	3.5	0.1	0.3	3.4	0.1	0.5	44.8	1.6		100	106,366
Masaka	47.1	1.0	0.6		2.9	0.2	1.0	2.3	0.2	1.1	42.1	1.6	0.1	100	293,175
Mpigi	36.6	2.6	0.2		4.7		0.4	5.5	0.8	0.6	43.7	4.8	0.1	100	261,064
Mubende	52.6	1.6	0.2		0.3	0.2	0.8	0.7	0.1	1.8	38.3	3.4	0.1	100	266,220
Mukono	39.2	0.2	1.1		3.5	0.0	1.6	8.3	1.3	2.3	37.8	4.7		100	315,436
Nakasongola	55.0	5.1	2.8	0.5	0.6	0.1	0.2	0.2	0.6	1.0	33.6	1.2		100	40,090
Rakai	44.8	1.6	0.4		1.5	0.3	0.2	2.2	0.6	0.6	40.2	7.7	0.1	100	200,711
Ssembabule	43.0	2.0	0.2	0.1	3.7	0.3	0.8	3.2	0.3	1.1	42.8	2.9		100	117,855
Kayunga	45.1	0.3	0.2	0.1	1.5	0.7	0.0	4.2	0.1	2.1	44.4	1.4		100	189,680
Wakiso	26.7	1.5	0.1	0.1	3.9	1.0	0.5	8.6	2.7	1.8	48.1	5.0		100	327,873
Lyantonde	39.2	2.1	0.7		1.7	0.2	0.9	1.9	0.5	0.7	48.4	4.6		100	39,491
Mityana	42.4	0.3	0.3		2.7	0.6	0.9	2.9	0.8	5.2	37.7	5.7	0.5	100	163,125
Nakaseke	48.4	2.2			1.5	0.1	1.0	2.4	1.1	1.0	42.1	1.2		100	57,084
<b>Eastern</b>															
Bugiri	54.3	0.4	0.5	0.0	1.1	0.1	0.2	2.9	0.9	0.9	36.9	1.9		100	234,548
Busia	43.1	0.3	0.6		3.7	0.5	0.2	3.6	0.5	0.3	45.6	1.8		100	149,345
Iganga	40.3	0.3	0.0	0.1	1.2	0.3	0.2	2.6	0.2	1.1	49.8	3.7	0.4	100	437,615
Jinja	34.3	0.7			1.7	0.4	0.9	11.6	0.9	1.4	45.0	3.0	0.0	100	166,956
Kamuli	46.2	1.0	0.4	0.1	1.5	0.3	0.2	4.0	0.7	0.6	41.6	3.3		100	374,823
Kapchorwa	45.7	0.9	0.3	0.2	0.4		0.3	2.0	0.6	8.0	36.7	4.8	0.2	100	94,709
Katakwi	48.4	1.6	0.1		0.3		0.1	2.7	0.4	1.7	40.2	4.5		100	111,988
Kumi	47.5	0.4	0.3		0.8	0.2	0.1	1.8	1.1	2.5	38.9	6.4		100	191,071
Mbale	46.5	0.4	0.0	0.3	3.5	0.1	0.3	7.0	0.7	1.7	34.9	4.7		100	176,474
Pallisa	43.1	0.0	0.1	0.1	1.6	0.1	0.6	1.2	0.4	1.4	41.3	10.1	0.0	100	307,637
Soroti	50.5	0.6	0.8	0.1	0.7	0.2	0.1	8.8	0.1	0.3	36.2	1.3	0.3	100	310,037
Tororo	46.0	0.2	0.2	0.2	0.6	0.1	0.2	4.1	0.7	1.4	44.4	2.1	0.0	100	286,936
Kaberamaido	45.4	0.1	0.6	0.1	0.4	0.1	0.2	1.7	0.1	0.9	45.3	5.3		100	118,644
Mayuge	48.4	0.1	0.6	0.0	1.0	0.2	1.0	1.0	0.2	1.5	43.5	3.5		100	198,397
Sironko	48.6	0.7		0.1	1.2	0.1	1.0	1.1	0.9	0.6	42.3	3.3	0.1	100	190,180

Main activity

District	Crop Production	Livestock Production	Fishery	Forestry	Trader	Artisan	Ag paid job	Non-Ag paid	No activity looking	No activity looking for a job	Student	HH work	Apiary	Total	Number
Amuria	47.9	13.4	0.2		0.6		0.1	1.3	0.6	1.2	29.3	5.2	0.2	100	151,054
Budaka	45.7	0.1	0.1	0.1	1.9	0.1	0.3	5.3	0.4	1.0	42.8	2.5		100	106,328
Bududa	52.7	0.3		0.1	0.5		0.3	1.8	0.6	1.0	39.3	3.4	0.1	100	73,490
Bukedea	48.4	0.1	0.2		0.2	0.1	0.1	2.2	0.5	0.4	47.3	0.4		100	110,990
Bukwo	56.0	0.7			0.3	0.2	0.2	3.2	0.8	1.8	16.7	19.7	0.3	100	110,158
Butaleja	63.6	0.3	0.1	0.4	0.7		0.2	1.4	0.7	1.9	27.0	3.6		100	110,745
Kaliro	45.9	0.3	1.3	0.4	0.7	0.2	0.1	1.5	0.2	1.3	46.1	2.0		100	125,760
Manafwa	48.4	1.0		0.2	0.4	0.1	0.1	1.2	0.7	0.9	42.8	4.3	0.0	100	190,886
Namutumba	43.3	0.8	0.1	0.1	1.2	0.1	0.5	1.2		1.3	43.3	7.9	0.3	100	123,750
<b>Northern</b>															
Adjumani	49.0		1.2	0.1	1.8	0.1	0.0	1.5	0.6	0.6	42.2	2.7		100	93,028
Apac	48.8	0.5	1.0	0.3	0.3	0.7	0.4	2.7	1.5	2.9	33.6	6.6	0.8	100	269,577
Arua	52.6	0.6	0.4	0.5	1.3	1.0	0.2	4.7	0.7	2.7	27.5	7.8		100	203,197
Gulu	43.1	0.4			2.5	0.7	0.2	5.4	0.4	0.9	42.1	4.3		100	156,770
Kitgum	43.6	6.3	0.3	0.1	2.0	1.3	1.7	0.8	0.6	1.3	29.1	9.8	3.1	100	167,517
Kotido	50.7	3.8		0.3	0.1			0.3	0.1	21.3		23.4		100	73,422
Lira	47.7	0.1	0.1	0.1	0.5		0.0	1.3	0.2	0.5	40.8	8.7	0.1	100	320,077
Moroto	28.9	3.5			0.2		0.2	1.4	1.9	50.9	8.2	4.8		100	66,221
Moyo	55.2	0.1	1.5		0.8	0.2	0.2	4.8	0.3	1.2	21.0	14.8		100	85,278
Nebbi	59.1	0.2	0.3		0.5	0.3		2.1	0.4	3.0	28.7	5.3		100	280,866
Nakapiripirit	68.1	16.1	0.3		0.7	0.2	0.2	0.1	0.5	4.1	3.5	6.3		100	122,023
Pader	58.6	0.7	0.1		2.4	0.7		2.9	0.4	3.8	30.0	0.4		100	152,008
Yumbe	56.7	0.6	0.0	0.2	0.4			1.3	0.1	2.2	23.9	14.5	0.1	100	191,055
Abim	55.1	0.3			0.3	0.1		1.5	0.5	3.7	30.9	7.5	0.1	100	46,072
Amolatar	48.4	0.3	1.3	0.1	0.5	0.1		1.9	0.4	0.6	41.7	4.8		100	70,062
Amuru	63.2	0.5	0.1	0.1	1.3		0.2	1.1	0.6	3.3	25.6	3.2	0.7	100	130,823
Dokolo	45.1		0.3	0.2		0.1		1.1	0.2	9.5	30.7	12.8	0.1	100	110,324
Kaabong	66.0	9.4			0.2			0.6	0.3	13.3	4.9	5.3		100	113,017
Koboko	30.4	0.0		0.0	4.3	0.0		4.6	0.4	1.0	42.5	16.7		100	120,220
Nyadri	47.0			0.2	0.3	0.1	0.1	5.2	0.1	1.0	34.0	12.1		100	124,115
Oyam	43.1	0.5	0.2	0.8	0.5	0.1		1.9	0.5	1.8	33.2	17.4		100	212,228
<b>Western</b>															
Bundibugyo	39.8	1.6	0.1	0.1	3.1		0.2	5.6	1.1	3.9	39.2	5.3		100	90,920

Main activity

District	Crop Production	Livestock Production	Fishing	Forestry	Trader	Artisan	Ag paid job	Non-Ag paid	No activity looking	No activity looking for a job	Student	HH work	Apiary	Total	Number
Bushenyi	44.6	1.1	0.9	0.6	2.8	0.1	1.1	5.3	1.2	0.8	38.9	2.7		100	422,506
Hoima	41.6	1.5	1.7		2.9	4.6	0.5	3.2	0.1	1.1	39.0	3.7	0.1	100	210,861
Kabale	43.3	0.4		0.0	2.1	0.1	0.5	5.1	1.1	1.0	41.6	4.5	0.1	100	324,795
Kabarole	39.4	1.3	0.1	0.1	4.5	0.7	1.6	5.9	0.5	1.5	40.4	3.8	0.2	100	283,864
Kasese	41.5	0.2	0.2	0.1	3.5	0.5	0.4	1.9	1.0	1.0	46.9	2.8		100	366,395
Kibaale	50.8	0.6	-	0.1	1.1	0.4	0.3	1.5	0.7	1.6	39.8	3.2	0.0	100	276,354
Kisoro	48.5	0.3		0.1	2.1	0.2	0.5	4.1	0.6	0.6	40.8	2.1		100	187,470
Masindi	51.3	3.2	0.0	0.2	0.4		0.1	3.6	0.8	2.2	30.5	7.5		100	183,358
Mbarara	39.7	0.6		0.2	2.9		0.4	3.8	1.0	0.3	46.3	4.7		100	235,301
Ntungamo	44.9	1.5	0.0		0.8	0.1	0.6	0.6	1.0	0.4	49.0	1.0		100	252,403
Rukungiri	38.0	0.6	0.2	0.2	4.7	0.7	0.6	6.7	0.7	0.4	44.4	2.7	0.1	100	231,353
Kamwenge	45.8	1.6	0.1	0.1	0.8	0.3	1.2	2.0	0.6	0.8	41.8	4.9		100	208,096
Kanungu	42.9	0.6	0.1	0.3	1.8	0.2	1.7	3.8	1.2	1.7	41.4	4.3		100	147,344
Kyenjojo	48.3	1.7		0.2	2.1	0.4	0.5	3.5	1.0	0.8	38.3	3.1		100	271,994
Buliisa	40.1	0.3	3.9		1.1		0.0	1.5	1.0	1.3	35.6	15.0	0.1	100	33,743
Ibanda	45.7	0.3	0.1	0.1	2.1	0.1	0.6	6.6	0.8	1.4	38.4	3.8		100	159,268
Isingiro	48.1	2.5	0.1	0.0	1.6	0.1	0.3	2.6	0.8	1.2	38.6	4.0		100	232,610
Kiruhura	46.7	3.3	0.1	0.2	0.8		0.5	0.7	1.9	0.3	39.2	6.4		100	145,521
<b>Total</b>	<b>45.9</b>	<b>1.3</b>	<b>0.3</b>	<b>0.1</b>	<b>1.8</b>	<b>0.3</b>	<b>0.4</b>	<b>3.4</b>	<b>0.7</b>	<b>1.9</b>	<b>38.6</b>	<b>5.1</b>	<b>0.1</b>	<b>100</b>	<b>14,401,780</b>

Note: Excludes children less than 8 years



**Table A2.10: Percentage Distribution of Ag HH Heads by Main Activity**

District	Main activity											Number			
	Crop Production	Livestock Production	Fisher y	Forestr y	Trade	Artisan	Ag paid job	Non-Ag paid	No activity looking for a job	No activity looking for a job	Student work		HH work	Apiary	Total
<b>Central</b>															
Kalangala	47.1	11.5	25.6	0.0	7.6	0.6	0.5	4.6	0.5	0.0	0.6	1.2	0.0	100	2,589
Kampala	19.0	4.7	0.0	0.2	44.1	1.7	0.0	22.1	0.7	2.0	0.4	5.2	0.0	100	25,109
Kiboga	83.3	5.8	0.0	0.0	5.0	0.0	1.3	3.2	0.0	1.0	0.0	0.2	0.0	100	33,800
Luwero	77.7	0.6	0.0	0.0	10.6	0.2	0.3	9.7	0.0	0.6	0.0	0.2	0.0	100	31,422
Masaka	83.1	1.4	1.5	0.0	6.9	0.3	1.0	4.4	0.2	1.0	0.0	0.1	0.0	100	86,127
Mpigi	63.7	4.2	0.0	0.0	15.0	0.0	0.9	13.4	0.8	0.3	0.1	1.2	0.2	100	69,746
Mubende	91.1	2.5	0.0	0.0	0.8	0.8	0.6	2.0	0.2	1.2	0.3	0.4	0.0	100	70,066
Mukono	62.3	0.1	2.7	0.0	8.7	0.0	3.5	19.1	0.6	2.2	0.0	0.8	0.0	100	93,629
Nakasongola	81.7	9.0	5.0	0.0	2.1	0.3	0.0	0.0	0.0	0.0	0.0	1.9	0.0	100	12,162
Rakai	86.3	1.6	0.0	0.2	4.0	0.6	0.0	3.5	0.2	0.2	0.1	3.4	0.0	100	58,852
Ssembabule	72.3	5.0	0.0	0.0	11.7	0.3	1.3	8.1	0.2	0.7	0.0	0.3	0.0	100	31,641
Kayunga	83.0	0.5	0.5	0.0	5.3	0.9	0.1	8.1	0.0	1.5	0.0	0.1	0.0	100	45,964
Wakiso	59.6	3.3	0.4	0.0	9.9	3.6	1.1	19.4	0.4	1.8	0.2	0.5	0.0	100	77,971
Lyantonde	83.1	5.5	0.9	0.5	4.7	0.0	0.0	3.9	0.8	0.0	0.0	0.5	0.0	100	9,313
Mityana	81.5	0.1	0.0	0.0	6.9	1.1	2.1	6.0	0.5	1.2	0.0	0.0	0.6	100	44,769
Nakaseke	89.0	2.1	0.0	0.0	2.2	0.0	0.0	4.2	1.0	1.0	0.5	0.0	0.0	100	16,539
<b>Eastern</b>															
Bugiri	87.1	0.1	1.4	0.0	2.9	0.3	0.0	5.9	1.0	1.2	0.0	0.2	0.0	100	69,491
Busia	75.0	0.6	1.8	0.0	11.2	1.4	0.3	8.9	0.5	0.0	0.0	0.3	0.0	100	38,126
Iganga	80.2	0.7	0.1	0.0	4.5	1.5	0.4	9.6	0.0	1.1	0.0	1.7	0.2	100	87,703
Jinja	58.1	1.1	0.0	0.9	5.6	0.7	2.3	29.9	0.0	1.1	0.2	0.0	0.1	100	42,991
Kamuli	83.3	1.6	1.4	0.0	5.1	0.6	0.4	6.1	0.7	0.7	0.0	0.0	0.0	100	92,573
Kapchorwa	89.9	2.6	0.7	0.0	1.2	0.0	0.3	4.1	0.0	0.5	0.0	0.3	0.4	100	22,547
Katakwi	84.2	1.7	0.0	0.0	0.8	0.0	0.4	6.4	0.8	1.1	0.3	4.3	0.0	100	25,716
Kumi	87.4	1.1	1.1	0.0	1.7	0.8	0.2	4.6	0.5	0.2	0.0	2.2	0.0	100	42,387
Mbale	79.6	0.7	0.1	0.0	5.0	0.4	0.3	10.8	0.8	1.5	0.1	0.6	0.0	100	50,034
Pallisa	89.2	0.0	0.2	0.0	5.6	0.2	2.0	2.6	0.0	0.2	0.0	0.0	0.0	100	69,059
Soroti	81.2	1.0	1.7	0.0	1.4	0.3	0.2	12.8	0.2	0.4	0.5	0.4	0.0	100	71,950
Tororo	83.2	0.1	0.2	0.0	2.2	0.1	0.0	12.7	0.2	1.0	0.0	0.1	0.0	100	65,684
Kaberamaido	88.2	0.3	1.5	0.0	0.8	0.0	0.5	4.5	0.0	1.2	0.3	2.7	0.0	100	26,185
Mayuge	90.3	0.2	1.5	0.0	2.9	0.8	0.0	3.0	0.0	1.0	0.0	0.4	0.0	100	45,965
Sironko	87.1	1.9	0.0	0.0	3.2	0.3	2.4	3.4	0.2	0.4	0.0	1.2	0.0	100	50,595

## Main activity

District	Crop Production	Livestock Production	Fisher y	Forestr y	Trade r	Artisa n	Ag pai d job	Non-Ag paid	No activit y lookin g	No activit y not lookin g for a job	Student	HH work	Apiary	Total	Number
Amuria	84.8	10.4	0.0	0.0	1.7	0.0	0.3	1.5	0.0	0.0	1.0	0.2	0.0	100	36,930
Budaka	81.2	0.0	0.3	0.0	5.7	0.0	1.2	9.5	0.1	1.2	0.6	0.4	0.0	100	26,297
Bududa	91.5	0.0	0.0	0.0	2.1	0.0	0.3	3.8	0.2	0.9	0.7	0.4	0.0	100	18,613
Bukedea	92.8	0.0	0.3	0.0	0.8	0.0	0.6	4.8	0.0	0.0	0.7	0.0	0.0	100	26,059
Bukwo	98.4	0.0	0.0	0.0	0.2	0.0	0.0	1.0	0.0	0.0	0.0	0.5	0.0	100	22,164
Butaleja	92.8	0.7	0.0	0.0	1.8	0.0	0.7	2.1	0.6	0.5	0.0	0.8	0.0	100	29,167
Kaliro	88.6	0.9	2.3	0.0	1.7	0.5	0.0	4.6	0.4	0.6	0.0	0.4	0.0	100	28,522
Manafwa	90.3	2.5	0.0	0.2	0.9	0.3	0.0	2.9	0.0	0.3	0.0	2.8	0.0	100	44,167
Namutumba	81.7	0.8	0.0	0.0	3.2	0.3	0.0	3.8	0.0	0.0	0.0	10.1	0.0	100	28,528
<b>Northern</b>															
Adjumani	89.9	0.0	2.2	0.0	3.2	0.0	0.2	3.1	0.3	0.0	0.8	0.5	0.0	100	22,265
Apac	86.3	0.0	2.0	0.2	1.1	0.2	0.3	6.4	0.5	1.8	0.0	0.7	0.6	100	68,186
Arua	80.4	0.0	1.2	0.0	1.9	2.4	0.2	11.1	0.8	1.6	0.2	0.3	0.0	100	53,785
Gulu	82.6	0.5	0.0	0.0	4.6	0.0	0.2	9.6	0.0	0.3	0.0	2.3	0.0	100	33,930
Kitgum	80.7	16.6	0.0	0.0	1.2	0.0	0.0	0.6	0.3	0.3	0.0	0.3	0.0	100	39,238
Kotido	70.8	5.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	23.9	0.0	100	18,984
Lira	83.6	0.2	0.2	0.0	1.3	0.0	0.2	3.2	0.1	0.2	0.0	11.0	0.0	100	85,519
Moroto	45.3	7.7	0.0	0.0	0.0	0.0	0.0	3.1	0.8	38.6	0.0	4.6	0.0	100	13,836
Moyo	81.0	0.2	4.4	0.0	2.1	0.0	0.3	8.1	0.4	0.6	0.0	2.9	0.0	100	20,129
Nebbi	94.0	0.2	0.3	0.0	1.1	0.8	0.0	3.4	0.0	0.2	0.0	0.0	0.0	100	71,133
Nakapiripirit	75.3	23.1	0.0	0.9	0.0	0.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	100	25,354
Pader	85.2	0.0	0.0	0.0	5.4	1.2	0.0	7.2	0.3	0.3	0.4	0.0	0.0	100	50,797
Yumbe	93.7	1.7	0.0	0.0	0.9	0.0	0.0	2.9	0.0	0.3	0.0	0.3	0.2	100	42,728
Abim	93.7	0.5	0.0	0.0	0.5	0.0	0.0	4.7	0.0	0.0	0.6	0.0	0.0	100	8,762
Amolatar	90.4	0.4	2.7	0.0	0.6	0.0	0.0	5.5	0.4	0.0	0.0	0.0	0.0	100	16,475
Amuru	88.8	0.0	0.0	0.0	2.0	0.0	0.3	1.5	0.3	0.0	1.6	5.5	0.0	100	35,614
Dokolo	84.4	0.0	0.6	0.0	0.0	0.0	0.0	3.2	0.7	0.6	0.0	10.5	0.0	100	26,228
Kaabong	71.7	22.7	0.0	1.2	0.4	0.0	0.0	1.9	0.4	0.0	0.0	1.6	0.0	100	19,575
Koboko	71.3	0.2	0.0	0.0	3.4	0.0	0.0	17.2	0.0	1.2	0.0	6.6	0.0	100	23,110
Niyadri	88.4	0.0	0.0	0.5	0.9	0.6	0.4	7.9	0.5	0.0	0.0	0.9	0.0	100	24,437
Oyam	79.9	1.1	0.3	0.2	1.3	0.0	0.0	4.7	0.0	0.0	0.3	12.0	0.0	100	50,811
<b>Western</b>															
Bundibugyo	81.1	2.2	0.0	0.0	5.4	0.0	0.8	7.1	0.7	1.7	0.0	1.0	0.0	100	20,158

## Main activity

District	Crop Production	Livestock Production	Fisher y	Forestr y	Trade r	Artisa n	Ag pai d job	Non-Ag paid	No activit y lookin g	No activit y not lookin g for a job	Student work	HH work	Apiary	Total	Number
Bushenyi	82.0	1.4	0.8	0.0	4.5	0.2	2.9	6.3	0.4	0.8	0.0	0.7	0.0	100	100,485
Hoima	66.3	2.3	3.5	0.0	7.1	10.0	0.9	8.6	0.0	0.8	0.2	0.4	0.0	100	50,525
Kabale	75.9	1.5	0.0	0.3	4.8	0.5	0.9	9.4	0.5	1.3	0.1	4.8	0.0	100	81,150
Kabarole	72.1	2.4	0.0	0.0	8.2	1.8	3.9	8.9	0.0	1.2	0.2	1.3	0.0	100	71,478
Kasese	77.7	0.5	0.7	0.0	10.8	1.2	1.2	4.1	2.3	0.4	0.2	0.9	0.0	100	83,419
Kibaale	89.1	1.6	0.0	0.0	2.5	1.0	0.6	2.3	0.0	0.6	0.0	2.2	0.1	100	73,311
Kisoro	84.2	1.1	0.0	0.0	5.1	0.7	0.4	6.9	0.2	0.6	0.0	0.9	0.0	100	50,120
Masindi	78.2	5.1	0.0	0.0	1.1	0.0	0.5	9.2	0.8	3.5	0.7	0.8	0.0	100	44,741
Mbarara	76.7	1.1	0.0	0.2	8.6	0.0	0.4	5.7	0.2	0.2	0.2	6.7	0.0	100	52,618
Ntungamo	91.6	3.0	0.0	0.0	2.5	0.0	1.0	1.4	0.0	0.0	0.0	0.5	0.0	100	58,761
Rukungiri	75.1	2.3	0.0	0.0	9.6	1.2	0.7	10.5	0.2	0.0	0.2	0.2	0.0	100	49,847
Kamwenge	86.4	2.7	0.5	0.0	1.8	1.0	1.9	4.1	0.2	0.6	0.0	0.7	0.0	100	52,014
Kanungu	78.1	1.0	0.0	0.0	3.9	0.5	3.7	9.3	0.6	1.6	0.2	1.2	0.0	100	38,178
Kyenjojo	82.0	3.3	0.0	0.0	4.5	0.8	1.3	6.1	0.0	0.0	0.4	1.7	0.0	100	70,125
Bulisa	69.0	0.5	7.0	0.0	1.3	0.0	0.0	1.4	0.3	1.0	0.0	19.5	0.0	100	8,170
Ibanda	82.4	0.8	0.0	0.0	3.8	0.4	0.5	9.9	0.0	1.4	0.0	0.8	0.0	100	34,150
Isingiro	83.9	2.7	0.0	0.0	4.0	0.2	0.4	3.6	0.4	1.0	0.3	3.4	0.0	100	55,535
Kiruhura	85.5	7.4	0.0	0.0	1.8	0.0	0.7	0.8	3.5	0.3	0.0	0.0	0.0	100	30,485
<b>Uganda</b>	<b>80.9</b>	<b>2.0</b>	<b>0.6</b>	<b>0.1</b>	<b>4.6</b>	<b>0.7</b>	<b>0.8</b>	<b>7.0</b>	<b>0.4</b>	<b>0.9</b>	<b>0.1</b>	<b>1.9</b>	<b>0.0</b>	<b>100</b>	<b>3,547,321</b>

**Table A2.11: Percentage Distribution of Ag HH members by Type of Main Activity**

District	Type of Main Activity					Total	Number
	Own Account	Employer	Paid Worker	Non-paid Family	Task worker		
<b>Central</b>							
Kalangala	64.7	2.2	7.5	8.5	17.2	100	5,810
Kampala	52.7	11.6	17.9	7.5	10.3	100	39,149
Kayunga	47.6	0.4	3.6	47.7	0.8	100	112,125
Kiboga	81.1	0.8	2.7	13.4	2.1	100	74,715
Luwero	48.0	0.6	4.4	43.3	3.7	100	58,164
Lyantonde	77.7	0.0	2.6	18.7	0.9	100	23,521
Masaka	57.4	0.4	5.1	24.4	12.7	100	211,481
Mityana	46.3	1.1	6.2	39.8	6.6	100	115,538
Mpigi	38.1	1.4	6.5	49.8	4.2	100	199,813
Mubende	54.2	0.6	2.1	41.3	1.8	100	197,750
Mukono	53.7	0.5	9.9	29.9	5.9	100	192,598
Nakaseke	72.5	4.3	6.3	11.4	5.5	100	33,522
Nakasongola	54.4	0.0	2.4	40.9	2.3	100	27,043
Rakai	43.1	1.0	3.7	32.7	19.6	100	119,019
Ssembabule	41.8	0.6	5.4	49.7	2.4	100	77,808
Wakiso	41.6	2.5	13.9	38.3	3.8	100	190,975
<b>Eastern</b>							
Amuria	46.5	2.2	1.7	40.5	9.1	100	116,433
Budaka	52.4	0.7	3.0	37.6	6.3	100	66,143
Bududa	40.5	0.7	2.0	50.0	6.8	100	44,475
Bugiri	58.0	0.6	3.8	30.2	7.5	100	192,933
Bukedea	18.0	0.9	2.8	68.2	10.1	100	64,578
Bukwo	16.0	0.1	1.2	76.1	6.6	100	101,758
Busia	66.8	0.3	4.0	28.6	0.3	100	89,634
Butaleja	37.8	0.9	2.2	42.0	17.0	100	89,392
Iganga	25.4	0.3	2.6	65.9	5.8	100	288,750
Jinja	59.4	0.5	19.5	20.1	0.5	100	96,470
Kaberamaido	18.8	0.3	1.5	68.5	10.9	100	95,440
Kaliro	50.0	0.2	2.4	43.8	3.7	100	73,488
Kamuli	73.5	0.7	4.5	20.6	0.6	100	188,213
Kapchorwa	0.9	0.5	1.9	96.8	0.0	100	95,468
Katakwi	23.1	0.6	3.0	70.9	2.5	100	91,827
Kumi	30.7	0.5	4.5	61.3	3.0	100	111,547
Manafwa	37.1	0.6	1.7	58.1	2.5	100	115,096
Mayuge	79.5	0.3	1.7	12.0	6.5	100	112,240
Mbale	32.8	0.4	10.1	51.7	4.9	100	123,098
Namutumba	48.2	2.2	2.5	37.7	9.4	100	81,971

Type of Main Activity							
District	Own Account	Employer	Paid Worker	Non-paid Family	Task worker	Total	Number
Pallisa	42.1	0.4	1.5	55.8	0.1	100	213,548
Sironko	32.1	0.5	1.9	64.2	1.3	100	122,099
Soroti	34.8	0.4	2.9	60.8	1.1	100	222,928
Tororo	39.7	1.0	6.3	51.8	1.1	100	163,504
<b>Northern</b>							
Abim	44.2	0.5	1.3	49.5	4.5	100	31,263
Adjumani	53.8	0.5	2.5	39.8	3.4	100	62,858
Amolatar	52.8	0.7	3.1	43.1	0.3	100	47,181
Amuru	30.1	1.3	1.2	64.0	3.4	100	105,135
Apac	22.6	5.4	3.3	55.0	13.6	100	182,019
Arua	31.5	2.3	3.2	54.8	8.3	100	159,009
Dokolo	24.1	1.2	1.1	69.3	4.3	100	74,208
Gulu	42.8	1.1	3.3	50.5	2.2	100	118,401
Kaabong	48.8	0.8	0.5	47.5	2.4	100	115,058
Kitgum	11.4	0.5	1.2	86.8	0.1	100	142,846
Koboko	36.2	0.1	6.2	52.6	4.9	100	76,332
Kotido	35.0	0.0	0.3	48.5	16.2	100	77,157
Lira	46.0	0.3	2.2	51.3	0.2	100	246,307
Moroto	21.5	0.0	3.2	73.3	2.0	100	26,657
Moyo	34.1	0.4	3.2	35.5	26.8	100	68,418
Nakapiripirit	27.5	2.3	3.8	24.1	42.3	100	99,371
Nebbi	46.2	0.1	2.0	47.4	4.4	100	220,300
Nyadri	27.3	0.0	2.6	67.0	3.1	100	84,688
Oyam	29.0	0.3	0.9	69.5	0.3	100	148,854
Pader	16.5	0.1	2.7	80.4	0.3	100	91,673
Yumbe	36.1	0.0	1.5	58.5	3.8	100	156,115
<b>Western</b>							
Buliisa	23.9	0.3	2.8	72.8	0.2	100	23,861
Bundibugyo	44.1	0.8	5.4	36.7	13.0	100	63,166
Bushenyi	34.0	1.3	9.2	52.1	3.4	100	269,694
Hoima	56.3	2.1	3.8	34.1	3.7	100	146,254
Ibanda	34.4	1.3	7.7	49.7	7.0	100	115,654
Isingiro	57.9	0.8	4.4	32.7	4.2	100	157,252
Kabale	58.3	0.9	7.4	30.6	2.9	100	186,068
Kabarole	59.4	1.6	9.0	17.6	12.4	100	191,458
Kamwenge	63.4	1.5	4.5	29.6	1.1	100	114,217
Kanungu	54.6	0.7	6.3	35.5	2.9	100	92,895
Kasese	47.7	1.0	3.1	45.0	3.3	100	227,207

Type of Main Activity							
District	Own Account	Employer	Paid Worker	Non-paid Family	Task worker	Total	Number
Kibaale	67.8	0.1	2.3	24.7	5.1	100	197,577
Kiruhura	44.2	0.4	5.0	46.0	4.4	100	102,031
Kisoro	64.8	0.9	5.4	25.7	3.3	100	116,210
Kyenjojo	44.0	0.3	3.8	50.0	1.8	100	206,973
Masindi	49.4	1.0	3.2	45.2	1.2	100	145,529
Mbarara	43.7	2.9	5.0	47.4	1.1	100	136,858
Ntungamo	67.3	0.7	2.3	27.0	2.7	100	126,699
Rukungiri	68.0	0.9	13.2	17.0	1.0	100	128,966
							-
<b>Uganda</b>	<b>44.2</b>	<b>0.9</b>	<b>4.4</b>	<b>45.5</b>	<b>5.0</b>	<b>100</b>	<b>9,722,479</b>

**Table A2.12: Percentage Distribution of Ag HH Heads by Type of Main Activity**

District	Type of Main Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
<b>Central</b>							
Kalangala	94.2	2.3	2.2	0.6	0.6	100	2,589
Kampala	59.7	18.6	14.7	2.2	4.8	100	22,379
Kiboga	89.7	0.9	2.3	6.1	0.9	100	33,062
Luwero	70.6	1.1	6.8	18.8	2.8	100	30,502
Masaka	89.7	1.0	4.7	4.2	0.4	100	81,931
Mpigi	65.1	2.4	11.3	18.3	2.9	100	67,899
Mubende	77.5	0.7	3.4	16.4	2.1	100	68,169
Mukono	72.7	0.6	11.9	11.7	3.0	100	88,201
Nakasongola	72.8	0.0	1.6	23.9	1.6	100	9,699
Rakai	66.7	1.0	2.5	12.6	17.2	100	57,452
Ssembabule	69.4	1.1	6.8	20.8	1.9	100	31,058
Kayunga	67.9	0.8	7.0	24.1	0.2	100	44,981
Wakiso	67.6	4.7	16.7	4.6	6.4	100	71,407
Lyantonde	79.7	0.0	2.7	16.6	1.0	100	9,217
Mityana	78.4	2.2	7.3	11.5	0.6	100	40,567
Nakaseke	82.7	6.1	5.1	4.4	1.8	100	16,142
<b>Eastern</b>							
Bugiri	82.6	1.6	4.8	10.0	1.0	100	62,712
Busia	79.2	0.5	6.1	13.9	0.2	100	37,442
Iganga	42.4	0.7	4.8	44.4	7.7	100	85,184
Jinja	66.2	1.0	27.4	4.6	0.8	100	42,462
Kamuli	87.7	0.7	6.7	4.0	0.9	100	81,834
Kapchorwa	1.4	0.9	4.8	92.8	0.0	100	22,547
Katakwi	41.9	0.6	6.0	49.6	2.0	100	25,491
Kumi	57.3	0.2	4.2	33.8	4.5	100	40,877
Mbale	47.4	1.0	12.0	33.8	5.8	100	43,890
Pallisa	72.7	0.2	2.8	23.9	0.4	100	68,633
Soroti	62.7	1.2	3.3	29.9	2.8	100	64,215
Tororo	53.9	2.2	11.5	31.0	1.4	100	59,927
Kaberamaido	23.2	1.0	2.7	67.4	5.7	100	25,678
Mayuge	93.0	0.4	3.0	0.7	2.9	100	44,893
Sironko	57.8	1.2	3.4	36.5	1.1	100	47,178
Amuria	81.9	3.9	1.9	6.6	5.7	100	36,571
Budaka	63.9	0.9	5.2	23.5	6.5	100	25,842
Bududa	65.6	0.6	2.4	29.9	1.4	100	16,476
Bukedea	37.7	1.3	3.6	57.1	0.3	100	22,451
Bukwo	61.4	0.3	1.0	12.7	24.6	100	21,997

District	Type of Main Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
Butaleja	59.8	1.4	1.6	18.7	18.6	100	28,446
Kaliro	55.2	0.5	3.8	33.9	6.7	100	28,172
Manafwa	59.9	1.0	2.4	36.3	0.3	100	43,613
Namutumba	72.2	1.4	4.0	21.3	1.2	100	28,216
<b>Northern</b>							
Adjumani	57.2	1.5	3.7	36.9	0.6	100	22,143
Apac	30.0	4.6	2.5	44.3	18.5	100	61,159
Arua	46.7	3.3	6.2	35.8	8.0	100	52,775
Gulu	68.0	2.4	4.8	23.2	1.5	100	30,490
Kitgum	21.6	0.5	2.3	75.6	0.0	100	38,668
Kotido	66.7	0.0	0.0	33.3	0.0	100	18,967
Lira	59.6	0.4	3.9	35.8	0.3	100	84,942
Moroto	31.9	0.0	1.4	66.7	0.0	100	7,328
Moyo	61.5	0.3	7.8	25.0	5.3	100	18,555
Nebbi	64.5	0.2	3.8	20.7	10.8	100	68,136
Nakapiripirit	31.2	0.0	2.6	22.5	43.7	100	21,237
Pader	20.7	0.2	3.6	75.5	0.0	100	45,946
Yumbe	50.0	0.0	3.0	46.3	0.8	100	41,583
Abim	39.2	1.1	3.1	52.4	4.1	100	8,610
Amolatar	67.9	1.2	3.9	27.0	0.0	100	16,416
Amuru	46.0	2.6	1.8	48.2	1.5	100	32,081
Dokolo	35.7	3.3	1.9	59.1	0.0	100	25,855
Kaabong	62.0	0.9	1.5	34.8	0.7	100	18,773
Koboko	47.9	0.5	15.0	34.8	1.7	100	22,498
Nyadri	52.7	0.0	3.8	40.7	2.8	100	24,437
Oyam	37.1	0.9	2.0	59.8	0.2	100	50,589
<b>Western</b>							
Bundibugyo	80.3	1.2	1.8	11.0	5.6	100	19,074
Bushenyi	42.6	1.8	8.4	45.4	1.8	100	98,862
Hoima	77.9	2.3	7.5	11.2	1.2	100	49,482
Kabale	67.2	0.6	7.0	23.4	1.8	100	79,998
Kabarole	82.8	1.6	10.0	3.5	2.2	100	67,605
Kasese	64.5	0.6	4.9	26.0	4.0	100	81,158
Kibaale	84.6	0.1	2.8	12.2	0.2	100	70,884
Kisoro	81.0	1.1	5.3	8.7	4.0	100	49,827
Masindi	52.8	2.7	7.7	34.1	2.7	100	39,629
Mbarara	64.8	2.6	2.1	30.5	0.0	100	52,490
Ntungamo	73.8	0.5	2.2	20.9	2.7	100	58,486



District	Type of Main Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
Rukungiri	80.4	1.5	9.2	8.7	0.2	100	48,970
Kamwenge	75.1	1.6	4.7	17.3	1.4	100	47,668
Kanungu	73.3	0.7	9.2	15.1	1.7	100	37,444
Kyenjojo	63.0	0.6	5.7	28.6	2.0	100	65,640
Buliisa	31.2	0.2	2.6	65.8	0.2	100	8,042
Ibanda	47.7	1.4	7.2	36.3	7.4	100	33,623
Isingiro	71.6	1.3	4.1	17.5	5.6	100	54,631
Kiruhura	65.7	0.8	2.3	25.7	5.4	100	29,885
<b>Uganda</b>	<b>63.3</b>	<b>1.4</b>	<b>5.8</b>	<b>26.0</b>	<b>3.6</b>	<b>100</b>	<b>3,384,591</b>

**Table A2.13: Percentage Distribution of Ag HH members by Secondary Activity**

District	Secondary activity													Total	Number		
	Crop Production	Livestock Production	Fisheries	Forestry	Trader	Artisan	Ag. paid job	Non-Ag. paid	No activity - looking for job	No activity - not looking for job	Student	HH work	Apiary				
<b>Central</b>																	
Kalangala	31.8	19.2	8.0	0.9	5.8	0.9	0.5	2.3	1.0	2.3	2.4	24.9	0.0	0.0	100	5,608	
Kampala	30.7	6.1	0.0	0.0	20.6	0.1	1.4	5.2	4.2	2.2	2.9	23.3	3.2	3.2	100	30,921	
Kiboga	21.5	24.6	0.0	0.3	2.8	0.1	4.0	1.3	0.5	12.5	11.2	20.2	1.1	1.1	100	75,443	
Luwero	31.7	11.0	0.0	0.5	2.8	0.5	1.0	2.2	3.2	2.8	12.2	32.0	0.0	0.0	100	89,164	
Masaka	34.8	22.4	0.2	0.2	4.5	0.6	1.8	2.8	0.7	7.1	2.5	22.4	0.0	0.0	100	226,407	
Mpigi	30.7	12.6	0.9	0.3	6.3	0.1	1.9	3.7	1.0	2.6	3.4	36.5	0.0	0.0	100	176,743	
Mubende	20.5	15.3	0.0	0.0	2.1	0.5	0.8	0.6	1.0	6.7	21.4	31.0	0.2	0.2	100	245,499	
Mukono	18.2	4.4	0.3	0.3	4.4	0.3	1.6	4.2	3.3	11.3	4.0	47.7	0.1	0.1	100	264,686	
Nakasongola	39.0	20.4	6.7	0.0	10.8	0.1	0.0	3.8	1.4	4.8	5.4	7.5	0.0	0.0	100	29,238	
Rakai	24.8	14.1	0.0	0.1	6.6	2.2	1.1	1.5	1.2	2.6	2.3	43.4	0.0	0.0	100	118,336	
Ssembabule	19.1	10.2	0.0	0.2	4.3	1.4	1.4	2.2	2.2	7.5	15.0	36.8	0.0	0.0	100	104,328	
Kayunga	13.9	8.0	0.6	2.2	2.4	1.2	0.5	5.4	3.6	17.3	3.2	41.6	0.0	0.0	100	183,234	
Wakiso	27.0	8.3	0.3	0.7	1.5	0.4	1.0	4.5	1.5	2.7	25.6	26.5	0.1	0.1	100	308,905	
Lyantonde	40.8	6.7	0.5	3.4	2.8	0.3	0.6	0.5	2.6	9.6	25.7	6.4	0.1	0.1	100	38,998	
Mityana	21.2	10.6	0.3	0.0	3.2	0.7	0.9	1.4	2.9	20.2	10.5	26.6	1.5	1.5	100	158,892	
Nakaseke	12.2	10.6	0.0	0.4	5.3	1.1	0.7	3.9	4.0	8.8	27.2	25.8	0.0	0.0	100	54,971	
<b>Eastern</b>																	
Bugiri	24.0	8.8	3.3	0.6	12.6	0.1	0.9	1.8	1.3	4.5	17.1	24.8	0.0	0.0	100	187,842	
Busia	24.0	1.9	0.5	0.3	6.4	1.0	0.3	2.6	3.3	3.6	15.9	40.0	0.0	0.0	100	142,079	
Iganga	27.6	7.6	0.0	0.1	3.3	0.5	0.5	2.6	1.3	15.9	2.9	37.7	0.1	0.1	100	365,109	
Jinja	19.8	10.4	0.1	0.0	2.7	0.7	0.8	2.9	1.7	11.5	9.3	40.2	0.0	0.0	100	164,742	
Kamuli	35.7	17.1	0.9	0.2	3.2	0.8	0.6	2.4	1.0	5.6	4.2	28.2	0.0	0.0	100	256,757	
Kapchorwa	41.9	4.0	0.1	0.2	0.4	0.0	0.5	1.8	0.4	8.1	33.2	9.2	0.2	0.2	100	90,888	

Secondary activity

District	Crop Production	Livestock Production	Fisheries	Forestry	Trader	Artisan	Ag. paid job	Non-Ag. paid	No activity - looking for job	No activity - not looking for job	Student	HH work	Apiary	Total	Number
Katakwi	32.5	12.6	1.6	0.4	0.7	0.1	0.8	4.7	0.1	1.2	17.2	28.1	0.0	100	104,178
Kumi	11.2	18.0	1.1	0.0	1.8	0.3	1.6	2.2	1.0	11.0	9.7	41.9	0.1	100	159,026
Mbale	44.5	5.3	0.1	0.5	7.6	0.1	0.2	2.0	0.5	4.7	27.5	6.8	0.1	100	146,200
Pallisa	24.6	6.3	0.4	0.9	9.2	0.1	0.0	0.7	0.3	2.9	27.0	27.7	0.0	100	282,913
Soroti	19.0	9.2	0.7	0.0	4.8	0.4	0.8	0.7	1.0	3.7	14.8	44.8	0.0	100	298,141
Tororo	24.2	0.6	0.0	0.5	2.8	0.3	0.1	2.2	1.9	12.7	14.1	40.5	0.1	100	270,407
Kaberaimaido	36.4	5.3	2.0	0.1	1.9	0.1	0.2	2.2	0.8	4.9	15.8	30.4	0.0	100	117,952
Mayuge	18.6	4.5	2.5	0.0	9.0	0.4	0.5	2.4	1.9	4.0	9.2	47.0	0.0	100	130,402
Sironko	31.6	26.0	0.0	0.8	4.8	0.1	0.5	0.8	2.7	2.9	7.7	22.2	0.0	100	116,765
Amuria	6.6	26.0	0.9	0.6	7.3	0.6	0.1	1.4	0.6	9.2	11.8	34.8	0.1	100	149,366
Budaka	23.6	2.8	0.1	0.0	6.6	1.1	0.3	6.3	1.7	6.6	18.6	32.3	0.0	100	105,543
Bududa	30.0	33.7	0.1	0.4	1.8	0.1	0.1	1.4	1.2	2.4	15.8	12.8	0.1	100	64,497
Bukedea	24.2	10.5	0.3	0.2	2.3	0.1	0.2	2.1	0.7	0.2	24.7	34.5	0.0	100	87,795
Bukwo	5.1	24.8	0.0	0.2	6.4	0.0	2.5	17.3	1.0	5.7	2.0	34.6	0.4	100	40,614
Butaleja	33.6	27.8	0.0	1.3	1.8	0.3	0.5	2.3	1.6	3.5	16.2	11.0	0.1	100	107,607
Kaliro	11.1	6.2	2.3	0.8	2.3	0.3	0.3	1.1	1.1	14.1	19.3	41.2	0.0	100	101,782
Manafwa	17.5	13.3	0.1	0.2	3.1	0.7	0.3	1.2	1.5	7.5	19.7	35.0	0.0	100	153,546
Namutumba	14.6	17.8	0.0	0.7	4.5	0.2	0.2	3.7	1.8	15.2	17.1	23.8	0.5	100	120,504
<b>Northern</b>															
Adjumani	43.1	1.2	3.2	0.6	3.6	0.9	0.1	1.5	1.5	1.4	36.0	6.9	0.0	100	87,142
Apac	20.4	14.1	0.8	7.1	1.3	0.2	0.6	1.5	2.3	9.7	11.7	29.7	0.6	100	227,809
Arua	32.4	3.2	1.9	1.0	3.8	0.2	1.0	3.2	1.1	4.7	14.7	32.9	0.0	100	201,153
Gulu	36.9	8.5	0.0	0.1	4.4	0.2	0.0	3.5	1.3	6.5	20.8	17.9	0.0	100	144,984
Kitgum	23.9	5.9	0.2	0.1	4.3	0.8	6.1	1.6	3.4	11.2	19.1	20.4	2.8	100	170,912
Kotido	36.2	18.0	0.0	0.6	0.1	0.0	0.0	0.3	0.1	20.7	0.0	23.9	0.0	100	73,331
Lira	21.9	4.1	0.2	0.4	0.6	0.0	1.6	1.5	1.2	3.4	22.5	42.7	0.0	100	319,029
Moroto	52.7	1.8	3.0	5.5	0.0	0.3	0.3	5.2	3.7	9.5	11.3	6.4	0.3	100	34,835

Secondary activity

District	Crop Production	Livestock Production	Fisheries	Forestry	Trader	Artisan	Ag. paid job	Non-Ag. paid	No activity - looking for job	No activity - not looking for job	Student	HH work	Apiary	Total	Number
Moyo	30.9	1.4	4.7	0.5	2.6	0.9	4.6	7.2	2.6	10.4	4.9	29.1	0.0	100	84,444
Nebbi	21.4	0.7	1.1	1.8	6.5	0.6	0.6	4.4	3.0	12.2	19.3	28.2	0.1	100	271,695
Nakapiripirit	46.2	38.0	0.6	0.4	1.0	0.0	0.2	0.0	2.0	5.7	2.0	4.0	0.0	100	116,669
Pader	11.9	22.5	0.1	0.2	2.2	0.1	0.9	3.4	1.1	18.9	17.2	21.4	0.0	100	127,495
Yumbe	28.4	21.2	0.0	0.1	0.9	0.2	0.1	1.4	0.6	8.6	9.3	29.3	0.1	100	159,483
Abim	42.1	3.9	0.4	0.6	0.3	0.1	5.3	1.6	0.4	9.8	9.1	26.3	0.1	100	39,860
Amolatar	9.2	16.7	6.9	0.6	2.7	0.1	0.4	2.0	1.9	9.2	6.1	44.3	0.0	100	52,981
Amuru	35.1	7.1	0.4	1.2	3.2	0.2	0.4	3.3	3.2	2.5	11.5	30.9	1.1	100	113,383
Dokolo	20.5	6.7	0.1	0.5	0.7	0.5	0.0	1.9	1.4	13.1	18.8	35.8	0.1	100	110,682
Kaabong	45.6	8.3	0.2	0.0	0.1	0.0	0.0	0.2	1.3	14.7	3.3	26.1	0.1	100	110,496
Koboko	16.6	3.8	0.0	0.1	2.0	0.1	0.1	2.2	3.5	11.4	32.4	27.9	0.0	100	101,247
Nyadri	15.6	8.2	0.0	0.2	1.4	0.2	0.0	7.8	0.4	8.6	1.3	56.2	0.1	100	119,500
Oyam	10.9	10.0	0.2	0.2	2.1	0.3	0.5	3.2	0.4	12.9	10.6	48.5	0.1	100	203,124
<b>Western</b>															
Bundibugyo	14.9	4.2	0.1	0.4	11.3	0.0	1.1	2.1	2.2	22.5	9.6	31.7	0.0	100	74,090
Bushenyi	27.5	12.9	0.5	0.7	5.1	0.5	0.6	2.9	1.7	4.6	7.4	35.6	0.1	100	311,166
Hoima	14.5	7.8	0.1	0.1	3.2	0.7	1.0	2.8	1.1	8.2	12.8	47.6	0.2	100	186,668
Kabale	19.1	8.8	0.1	0.2	2.9	1.8	3.0	3.7	7.3	7.2	1.0	44.8	0.1	100	146,593
Kabarole	22.4	2.7	0.0	0.1	7.4	0.3	1.6	1.6	1.6	4.0	4.8	53.5	0.0	100	195,806
Kasese	25.6	5.7	0.0	0.2	5.2	0.2	0.1	2.6	1.4	1.2	28.8	28.9	0.0	100	342,103
Kibaale	31.8	14.7	0.2	0.8	2.7	0.8	0.1	0.6	0.5	7.2	18.6	22.1	0.0	100	241,673
Kisoro	11.6	2.4	0.1	1.0	1.7	1.2	4.5	6.9	2.0	5.4	6.8	56.4	0.1	100	163,619
Masindi	31.0	2.0	0.0	0.4	5.3	0.0	8.7	2.1	3.7	15.7	16.1	15.1	0.0	100	175,384
Mbarara	23.8	5.4	0.0	0.0	11.5	0.6	3.2	8.7	0.7	2.3	0.5	43.4	0.0	100	80,483
Ntungamo	9.2	10.3	0.0	0.2	12.3	0.0	0.4	0.4	2.4	0.2	0.7	63.8	0.0	100	135,378
Rukungiri	21.5	12.9	0.1	0.6	6.2	1.7	0.6	4.0	1.7	9.3	1.9	39.5	0.0	100	193,023
Kamwenge	25.4	6.6	0.2	0.1	3.3	1.9	1.8	1.1	1.1	5.5	5.6	47.4	0.1	100	163,546

Secondary activity															
District	Crop Production	Livestock Production	Fisheries	Forestry	Trader	Artisan	Ag. paid job	Non-Ag. paid	No activity - looking for job	No activity - not looking for job	Student	HH work	Apiary	Total	Number
Kanungu	19.8	9.3	0.0	0.4	3.2	0.0	3.0	2.6	1.8	7.2	2.4	50.2	0.2	100	127,661
Kyenjojo	27.2	9.5	0.0	0.0	6.4	3.0	0.8	1.8	2.3	3.1	20.3	25.5	0.1	100	233,114
Bulisa	28.0	14.5	3.1	0.0	0.2	0.2	0.6	0.2	2.2	7.4	10.0	32.6	1.0	100	26,834
Ibanda	26.1	6.7	0.1	0.3	7.7	2.0	2.0	5.0	3.2	12.1	1.8	33.0	0.1	100	129,001
Isingiro	11.7	6.0	0.0	0.2	4.0	0.5	2.3	4.4	2.1	7.1	3.3	58.5	0.0	100	115,159
Kiruhura	11.3	20.1	0.0	2.8	4.5	0.0	1.5	1.4	2.3	1.4	14.7	40.1	0.0	100	105,472
<b>Uganda</b>	<b>24.3</b>	<b>10.1</b>	<b>0.5</b>	<b>0.6</b>	<b>4.2</b>	<b>0.5</b>	<b>1.1</b>	<b>2.6</b>	<b>1.7</b>	<b>7.7</b>	<b>13.0</b>	<b>33.5</b>	<b>0.1</b>	<b>100</b>	<b>11,893,045</b>

**Table A2.14: Percentage Distribution of Ag HH Heads by Secondary Activity**

District	Secondary Activity											Number				
	Crop Production	Livestock Production	Fisheries	Forestry	Trader	Artisan	Ag paid job	Non-Ag paid job	No activity looking for job	No activity -not looking for job	Student work		Apiary	Total		
<b>Central</b>																
Kalangala	39.0	20.7	13.7	2.6	11.3	0.0	0.6	2.3	0.0	0.0	0.0	0.0	9.8	0.0	100	2,040
Kampala	32.3	6.2	0.0	0.0	31.9	0.2	0.0	2.3	6.5	1.7	0.4	13.8	4.7	0.0	100	19,336
Kiboga	24.5	34.2	0.0	0.0	6.2	0.4	9.7	1.3	1.2	16.9	0.0	4.2	1.3	0.0	100	24,968
Luwero	40.9	25.1	0.0	0.5	7.0	1.4	0.9	4.2	4.0	4.9	0.0	11.1	0.0	0.0	100	30,102
Masaka	23.8	38.3	0.5	0.0	9.7	0.5	3.8	4.5	1.6	5.2	0.0	12.0	0.0	0.0	100	78,103
Mpigi	34.3	19.7	2.5	0.0	16.7	0.3	3.2	6.7	1.4	4.3	0.0	10.8	0.0	0.0	100	55,991
Mubende	35.3	31.1	0.0	0.0	6.2	1.3	1.5	1.5	2.2	9.5	0.0	11.5	0.0	0.0	100	63,549
Mukono	23.1	8.2	1.1	0.5	10.4	0.6	3.3	9.5	4.8	16.6	0.0	21.6	0.2	0.0	100	82,686
Nakasongola	19.2	26.1	14.1	0.0	22.8	0.3	0.0	8.1	3.5	2.8	0.0	3.0	0.0	0.0	100	9,694
Rakai	16.2	25.2	0.0	0.0	18.2	1.9	2.3	2.5	0.9	4.4	0.0	28.2	0.0	0.0	100	36,297
Ssembabule	29.3	19.3	0.0	0.3	14.1	2.9	3.5	6.3	1.8	6.8	0.0	15.7	0.0	0.0	100	27,625
Kayunga	18.0	21.4	2.4	2.0	7.0	2.0	1.1	10.9	5.9	13.9	1.1	14.5	0.0	0.0	100	43,580
Wakiso	47.3	20.4	1.1	1.5	4.7	0.7	2.4	9.5	0.5	2.8	0.2	8.9	0.1	0.0	100	75,474
Lyantonde	48.1	15.9	0.9	5.9	7.9	0.3	2.2	0.4	6.5	8.9	0.0	2.5	0.5	0.0	100	9,184
Mityana	27.7	22.4	0.0	0.0	7.8	1.4	2.9	3.3	5.6	13.3	0.2	15.1	0.4	0.0	100	44,274
Nakaseke	19.5	23.5	0.0	0.0	12.7	3.1	1.0	9.6	4.7	11.4	1.4	12.9	0.0	0.0	100	15,679
<b>Eastern</b>																
Bugiri	27.1	15.6	5.9	0.8	33.7	0.2	1.2	3.5	1.5	6.3	0.0	4.2	0.0	0.0	100	56,170
Busia	32.4	6.1	1.5	0.5	19.2	3.1	0.3	7.4	6.9	6.9	0.0	15.8	0.0	0.0	100	37,222
Iganga	29.0	19.1	0.0	0.0	11.3	1.7	1.7	8.4	0.9	9.0	0.4	18.2	0.2	0.0	100	83,947
Jinja	32.5	22.2	0.4	0.1	9.2	1.2	2.0	7.7	2.2	5.2	0.0	17.2	0.0	0.0	100	42,686
Kamuli	26.9	32.8	3.3	0.0	9.8	2.7	1.7	5.9	1.8	3.7	0.0	11.3	0.0	0.0	100	74,042
Kapchorwa	85.1	7.0	0.0	0.6	1.2	0.0	0.7	3.3	0.0	0.5	0.0	1.3	0.4	0.0	100	21,825
Katakwi	33.5	28.2	4.3	1.3	1.8	0.2	1.6	10.1	0.5	0.5	0.3	17.7	0.0	0.0	100	24,541

**Secondary Activity**

District	Crop Production	Livestock Production	Secondary Activity										Total	Number	
			Fisheries	Forestry	Trader	Artisan	Ag paid job	Non-Ag paid job	No activity looking for job	No activity -not looking for job	Student work	HH work			Apiary
Kumi	19.2	44.5	3.4	0.0	4.3	0.2	1.8	3.5	0.6	4.5	0.2	17.2	0.5	100	37,676
Mbale	66.8	8.1	0.0	0.8	15.0	0.5	0.5	3.8	0.3	2.0	0.0	2.1	0.0	100	44,482
Pallisa	32.4	16.7	0.8	0.4	25.6	0.0	0.1	1.4	0.2	4.9	0.0	17.5	0.0	100	65,549
Soroti	11.9	29.0	1.8	0.2	14.5	1.1	1.5	1.5	2.2	5.5	0.5	30.2	0.0	100	70,390
Tororo	19.9	1.5	0.0	0.4	9.5	1.2	0.2	7.6	3.8	23.2	0.2	32.5	0.0	100	62,571
Kaberamaido	39.7	13.4	6.6	0.0	6.6	0.3	0.5	7.1	0.8	4.6	0.0	20.4	0.0	100	26,116
Mayuge	16.2	12.6	5.3	0.0	29.0	1.6	1.4	6.9	2.6	8.4	0.0	16.1	0.0	100	34,483
Sironko	28.1	38.0	0.0	1.8	10.9	0.0	1.0	2.0	4.2	5.0	0.2	8.7	0.0	100	36,163
Amuria	5.6	48.4	2.0	0.0	19.9	1.2	0.2	2.0	0.6	6.5	0.8	12.9	0.0	100	36,673
Budaka	28.4	7.5	0.0	0.0	16.9	3.9	1.1	12.6	3.3	14.7	0.6	11.1	0.0	100	26,092
Bududa	32.9	52.4	0.0	0.8	5.0	0.0	0.0	1.9	0.8	2.0	0.0	3.8	0.4	100	16,779
Bukedea	33.6	20.0	1.3	0.0	6.1	0.4	0.7	2.9	1.3	0.2	0.3	33.1	0.0	100	22,090
Bukwo	6.4	40.9	0.0	0.0	18.4	0.0	0.0	18.0	0.5	4.4	0.0	11.4	0.0	100	7,893
Butaleja	35.3	38.6	0.0	0.9	4.4	0.6	1.0	6.3	3.6	4.3	0.0	5.2	0.0	100	28,782
Kaliro	15.5	15.6	5.8	1.6	8.8	0.7	0.0	2.9	1.8	12.5	0.0	34.7	0.0	100	23,609
Manafwa	21.9	38.5	0.0	0.5	8.6	2.8	0.5	2.8	0.5	0.5	0.2	23.1	0.0	100	36,187
Namutumba	20.6	32.5	0.0	2.1	15.0	0.7	0.9	5.4	1.4	7.9	0.0	13.1	0.3	100	28,071
<b>Northern</b>															
Adjumani	68.2	4.0	9.5	0.9	3.4	2.1	0.5	2.9	2.0	0.8	1.3	4.3	0.0	100	21,511
Apac	25.1	24.8	2.2	9.3	4.4	0.9	2.3	2.0	4.5	3.5	0.9	19.2	0.8	100	55,439
Arua	43.8	6.5	5.5	1.3	6.0	0.5	2.1	7.3	1.3	4.7	0.6	20.4	0.0	100	53,646
Gulu	63.7	7.6	0.0	0.0	10.4	0.0	0.0	6.4	0.4	2.9	0.0	8.6	0.0	100	31,936
Kitgum	28.6	20.0	0.0	0.0	5.1	1.4	7.6	1.6	4.4	15.9	0.2	14.0	1.2	100	38,629
Kotido	43.5	30.2	0.1	0.9	0.0	0.0	0.0	0.3	0.5	0.3	0.0	24.2	0.0	100	18,984
Lira	37.5	10.2	0.6	0.4	1.4	0.0	3.9	4.2	2.9	5.4	0.2	33.4	0.1	100	84,814
Moroto	52.5	2.5	11.3	5.0	0.0	0.0	0.0	8.8	1.2	12.5	0.0	6.3	0.0	100	8,496

**Secondary Activity**

District	Crop Production	Livestock Production	Secondary Activity										Total	Number	
			Fisheries	Forestry	Trader	Artisan	Ag paid job	Non-Ag paid job	No activity looking for job	No activity -not looking for job	Student work	HH work			Apiary
Moyo	36.2	3.5	13.3	1.0	4.8	2.5	7.0	13.5	4.0	3.4	0.3	10.4	0.0	100	19,910
Nebbi	33.6	2.2	2.9	3.5	11.8	1.6	1.8	9.3	3.3	13.6	0.9	15.4	0.2	100	69,153
Nakapiripirit	48.3	48.1	0.5	0.0	0.6	0.0	0.4	0.0	0.0	2.2	0.0	0.0	0.0	100	23,516
Pader	21.8	24.7	0.0	0.4	5.0	0.0	2.2	7.5	0.9	15.2	0.3	22.1	0.0	100	45,120
Yumbe	40.4	33.1	0.0	0.4	1.8	0.5	0.0	3.4	1.7	4.1	0.3	14.4	0.0	100	36,954
Abim	54.6	6.8	0.5	0.0	0.4	0.0	12.1	1.9	0.3	13.6	1.1	8.7	0.0	100	8,714
Amolatar	13.9	32.5	21.0	1.2	5.0	0.4	0.4	4.8	2.2	6.1	0.0	12.4	0.0	100	15,290
Amuru	38.9	15.5	1.4	2.7	6.1	0.3	1.2	6.3	2.5	2.6	1.9	19.5	1.1	100	33,008
Dokolo	32.6	16.5	0.5	0.6	2.4	1.1	0.0	6.0	2.8	9.9	0.0	27.6	0.0	100	25,924
Kaabong	36.6	19.2	0.6	0.0	0.0	0.2	0.0	0.6	1.0	0.6	2.0	38.7	0.3	100	19,010
Koboko	24.8	15.5	0.0	0.3	7.7	0.5	0.3	8.2	3.8	21.3	0.0	17.4	0.0	100	19,330
Niyadri	15.0	26.8	0.0	0.0	6.8	0.5	0.0	13.6	1.2	11.3	0.5	24.3	0.0	100	23,548
Oyam	12.6	29.9	0.8	0.4	6.2	0.9	0.7	6.3	0.6	8.2	0.0	33.3	0.2	100	50,254
<b>Western</b>															
Bundibugyo	19.9	8.6	0.0	0.0	26.1	0.0	3.8	3.4	3.8	21.5	0.0	13.0	0.0	100	16,728
Bushenyi	24.5	24.9	0.2	0.2	11.2	0.8	1.5	5.9	2.7	6.6	0.0	21.2	0.2	100	86,101
Hoima	22.9	14.7	0.6	0.2	9.6	1.6	1.5	7.0	1.4	8.9	0.0	31.6	0.0	100	47,253
Kabale	24.5	17.3	0.3	0.0	4.9	2.3	4.5	6.9	7.4	9.1	0.0	22.5	0.3	100	52,232
Kabarole	33.7	6.6	0.0	0.0	15.0	1.1	2.2	2.7	1.1	2.0	0.4	35.2	0.0	100	59,675
Kasee	47.3	14.4	0.0	0.6	15.9	0.6	0.6	6.6	3.4	2.0	0.5	7.9	0.2	100	77,709
Kibaale	44.3	26.5	0.0	0.1	6.3	1.5	0.3	1.2	0.9	3.1	0.0	15.8	0.0	100	67,957
Kisoro	17.4	7.5	0.2	1.9	4.3	2.5	7.1	16.9	4.5	7.7	0.0	29.9	0.2	100	47,165
Masindi	43.6	4.1	0.0	0.5	16.3	0.2	9.2	5.1	4.4	14.7	0.0	2.0	0.0	100	42,442
Mbarara	25.4	9.2	0.0	0.0	30.4	1.5	8.8	10.8	0.0	2.7	0.0	11.3	0.0	100	25,374
Ntungamo	10.4	22.4	0.0	0.8	37.2	0.0	1.3	1.6	2.7	0.4	0.0	23.1	0.0	100	33,941
Rukungiri	17.9	24.6	0.3	1.7	13.8	3.8	1.6	8.6	3.5	3.3	0.0	20.9	0.0	100	42,195



District	Secondary Activity													Number	
	Crop Production	Lives-stock Production	Fisheries	Forestry	Trader	Artisan	Ag paid job	Non-Ag paid job	No activity looking for job	No activity -not looking for job	Student	HH work	Apiary		Total
Kamwenge	30.4	14.1	0.4	0.3	8.3	3.9	3.1	2.2	1.7	7.8	0.0	27.6	0.2	100	43,339
Kanungu	20.6	25.7	0.0	0.4	6.8	0.0	6.4	5.8	3.3	4.4	0.6	25.3	0.6	100	36,338
Kyenjojo	39.9	17.7	0.0	0.0	15.1	3.0	2.6	2.6	1.7	2.4	0.3	14.5	0.2	100	61,031
Bullisa	29.1	30.8	9.3	0.0	0.2	0.9	0.9	0.3	3.0	5.0	0.0	20.1	0.6	100	7,324
Ibanda	17.4	16.7	0.3	0.3	18.3	1.1	3.1	9.4	2.5	8.6	0.0	22.3	0.0	100	30,462
Isingiro	15.0	11.2	0.1	0.0	8.0	0.4	4.1	5.4	3.8	5.9	0.0	46.0	0.0	100	35,963
Kiruhura	13.1	34.6	0.0	0.0	8.7	0.0	2.9	2.2	3.9	0.9	0.0	33.7	0.0	100	27,792
<b>Uganda</b>	<b>30.2</b>	<b>20.2</b>	<b>1.3</b>	<b>0.7</b>	<b>10.9</b>	<b>1.1</b>	<b>2.1</b>	<b>5.5</b>	<b>2.4</b>	<b>6.9</b>	<b>0.2</b>	<b>18.2</b>	<b>0.2</b>	<b>100</b>	<b>3,106,822</b>

**Table A2.15: Percentage Distribution of Ag HH members by Type of Secondary Activity**

District	Type of Secondary Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
<b>Central</b>							
Kalangala	52.4	5.3	5.7	18.8	17.8	100	5,575
Kampala	61.9	16.3	2.9	6.3	12.7	100	24,052
Kiboga	47.9	0.3	5.3	33.6	12.8	100	55,793
Luwero	35.7	0.8	2.2	57.4	3.8	100	69,574
Masaka	44.9	0.7	4.1	47.7	2.6	100	193,559
Mpigi	28.8	1.0	2.9	62.3	5.0	100	174,700
Mubende	46.3	0.3	0.9	48.5	4.1	100	167,382
Mukono	33.3	0.9	3.3	56.2	6.4	100	190,732
Nakasongola	33.2	-	2.4	40.3	24.0	100	25,524
Rakai	23.7	0.8	0.9	62.6	11.9	100	112,494
Ssembabule	30.4	0.3	3.8	63.3	2.2	100	79,899
Kayunga	18.6	0.1	2.3	76.0	3.1	100	143,541
Wakiso	31.3	1.3	5.1	57.1	5.2	100	229,591
Lyantonde	79.3	-	1.7	17.9	1.1	100	19,792
Mityana	44.1	1.1	3.5	48.3	2.9	100	102,994
Nakaseke	48.9	4.5	10.5	27.8	8.4	100	31,273
<b>Eastern</b>							
Bugiri	41.3	0.3	5.1	47.3	6.1	100	173,697
Busia	44.8	0.1	2.2	51.4	1.6	100	103,380
Iganga	14.5	0.2	1.5	78.6	5.2	100	260,716
Jinja	40.3	0.9	4.5	51.2	3.1	100	131,463
Kamuli	48.5	0.6	2.1	47.1	1.7	100	190,401
Kapchorwa	1.1	0.4	1.5	97.0	-	100	93,427
Katakwi	20.4	0.1	2.3	73.3	4.0	100	88,743
Kumi	24.9	0.6	4.5	67.9	2.2	100	119,749
Mbale	41.7	0.8	2.3	48.2	7.0	100	95,936
Pallisa	34.3	0.2	0.4	64.8	0.3	100	226,604
Soroti	32.1	0.4	1.9	64.9	0.7	100	252,791
Tororo	17.1	0.5	2.1	77.3	3.1	100	171,517
Kaberamaido	10.7	0.2	0.7	85.8	2.5	100	109,423
Mayuge	46.0	-	1.6	40.3	12.1	100	94,616
Sironko	20.2	0.4	0.5	78.0	0.9	100	104,738
Amuria	38.2	0.6	2.2	54.1	4.9	100	137,915
Budaka	26.1	1.3	2.2	63.2	7.3	100	79,638
Bududa	27.3	0.6	1.6	62.7	7.8	100	52,952
Bukedea	21.0	0.7	1.2	75.2	1.8	100	48,328
Bukwo	2.3	0.5	4.5	68.3	24.4	100	37,785

District	Type of Secondary Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
Butaleja	31.0	0.6	1.3	49.5	17.6	100	93,154
Kaliro	30.1	0.2	1.5	65.1	3.2	100	72,995
Manafwa	30.9	0.9	2.8	61.1	4.1	100	111,732
Namutumba	45.0	1.6	1.7	47.4	4.3	100	82,827
<b>Northern</b>							
Adjumani	49.0	0.4	2.6	43.7	4.2	100	64,432
Apac	14.8	5.8	4.1	64.7	10.6	100	169,991
Arua	26.1	1.6	1.3	64.1	6.8	100	171,670
Gulu	42.8	0.7	1.8	49.7	4.9	100	113,142
Kitgum	12.4	0.9	6.1	74.3	6.3	100	89,935
Kotido	35.0	-	0.3	48.5	16.2	100	76,861
Lira	30.8	0.5	1.1	66.2	1.5	100	275,494
Moroto	5.8	-	3.9	87.9	2.4	100	21,984
Moyo	33.5	0.3	12.8	45.1	8.3	100	61,012
Nebbi	30.6	0.7	2.6	58.9	7.2	100	199,983
Nakapiripirit	12.6	14.1	1.7	36.7	34.8	100	101,181
Pader	14.6	0.4	1.7	81.6	1.7	100	78,803
Yumbe	16.9	-	1.1	81.2	0.7	100	144,034
Abim	33.7	0.6	6.9	53.8	5.0	100	25,430
Amolatar	26.4	-	2.1	60.6	11.0	100	45,619
Amuru	25.6	1.3	0.5	67.4	5.2	100	103,001
Dokolo	6.7	1.1	1.0	82.7	8.5	100	83,103
Kaabong	46.8	0.1	0.3	49.6	3.3	100	115,847
Koboko	18.1	0.1	1.6	74.9	5.3	100	49,784
Nyadri	9.2	-	1.9	86.3	2.7	100	107,860
Oyam	18.7	0.2	0.4	80.0	0.7	100	157,792
<b>Western</b>							
Bundibugyo	27.1	0.2	3.4	46.1	23.3	100	42,271
Bushenyi	17.0	0.3	3.8	77.4	1.4	100	272,793
Hoima	23.2	0.1	2.2	62.3	12.1	100	161,139
Kabale	41.3	0.5	4.1	42.3	11.9	100	137,574
Kabarole	34.7	0.4	2.4	58.6	3.9	100	172,024
Kasese	43.2	0.4	1.8	50.6	4.0	100	271,740
Kibaale	56.1	0.2	1.0	35.0	7.7	100	185,996
Kisoro	23.3	0.5	13.1	61.8	1.4	100	139,926
Masindi	40.7	0.9	4.5	44.4	9.5	100	141,620
Mbarara	23.1	1.3	5.7	69.1	0.8	100	79,223
Ntungamo	31.1	0.2	0.7	67.3	0.7	100	131,477
Rukungiri	48.8	0.3	1.9	48.0	1.0	100	165,806
Kamwenge	36.5	0.8	2.4	60.0	0.3	100	132,238

District	Type of Secondary Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
Kanungu	23.8	0.7	5.3	68.5	1.6	100	114,925
Kyenjojo	31.3	0.7	3.4	60.8	3.8	100	176,992
Buliisa	13.7	0.0	2.5	83.5	0.3	100	22,581
Ibanda	27.0	1.0	5.3	53.6	13.0	100	104,655
Isingiro	22.4	1.0	5.6	66.9	4.2	100	102,307
Kiruhura	27.9	1.2	3.4	65.8	1.7	100	99,486
<b>Total</b>	<b>30.6</b>	<b>0.9</b>	<b>2.7</b>	<b>60.7</b>	<b>5.1</b>	<b>100</b>	<b>9,472,738</b>

**Table A2.16: Percentage Distribution of Ag HH Heads by Type Secondary Activity**

District	Type of Secondary Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
Kalangala	82.91	9.49	3.61	2.95	1.04	100	2,040
Kampala	70.38	18.71	0.76	0.84	9.32	100	15,880
Kiboga	64.46	0.91	9.00	14.74	10.88	100	19,141
Luwero	71.43	2.21	3.03	18.80	4.53	100	26,259
Masaka	81.99	1.55	6.04	9.21	1.21	100	67,996
Mpigi	61.26	2.71	4.77	26.37	4.90	100	53,433
Mubende	72.12	0.10	1.18	21.79	4.82	100	56,994
Mukono	64.93	2.32	5.64	19.61	7.50	100	59,740
Nakasongola	77.22	0.00	4.91	9.43	8.43	100	8,287
Rakai	51.43	1.12	2.09	38.79	6.57	100	33,859
Ssembabule	65.96	0.90	7.75	22.05	3.34	100	24,494
Kayunga	51.93	0.28	4.20	37.63	5.96	100	37,740
Wakiso	63.60	4.10	5.92	15.34	11.04	100	69,482
Lyantonde	83.08	0.00	2.24	14.69	0.00	100	6,939
Mityana	61.27	1.83	7.33	24.87	4.71	100	33,528
Nakaseke	61.81	5.74	16.09	9.64	6.73	100	12,644
Bugiri	76.66	0.90	6.95	14.58	0.91	100	51,983
Busia	71.99	0.19	5.83	18.96	3.03	100	31,156
Iganga	36.14	0.24	4.60	51.23	7.78	100	69,137
Jinja	65.10	2.16	7.61	23.39	1.74	100	40,189
Kamuli	83.79	1.36	4.44	7.32	3.09	100	64,480
Kapchorwa	1.70	0.95	3.72	93.63	0.00	100	21,720
Katakwi	31.91	0.35	3.46	60.72	3.56	100	23,272
Kumi	58.95	1.22	3.82	31.84	4.16	100	33,986
Mbale	53.63	1.28	3.11	37.67	4.30	100	39,411
Pallisa	70.64	0.17	0.60	28.36	0.23	100	65,147
Soroti	54.13	1.32	4.36	37.92	2.27	100	62,197
Tororo	33.40	1.24	4.77	56.92	3.66	100	43,755
Kaberamaido	30.77	0.68	2.62	61.48	4.45	100	24,633
Mayuge	74.85	0.00	3.62	12.98	8.55	100	29,752
Sironko	54.53	1.42	1.18	40.74	2.12	100	29,514
Amuria	81.46	1.09	4.63	8.46	4.36	100	34,276
Budaka	54.97	2.92	6.04	27.86	8.21	100	20,763
Bududa	53.07	1.00	3.11	32.61	10.21	100	15,573
Bukedea	52.46	1.56	2.96	42.02	1.01	100	15,462
Bukwo	4.00	0.94	5.48	33.63	55.96	100	7,120
Butaleja	52.46	1.75	2.19	24.70	18.90	100	27,245
Kaliro	47.99	0.59	2.42	40.03	8.96	100	22,011
Manafwa	57.69	1.94	5.41	34.15	0.81	100	35,322

District	Type of Secondary Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
Namutumba	76.44	0.67	4.27	17.30	1.32	100	25,143
Adjumani	56.84	1.32	4.50	33.97	3.35	100	21,321
Apac	26.25	5.60	3.99	51.00	13.17	100	45,074
Arua	44.45	3.76	2.99	43.73	5.06	100	50,276
Gulu	63.75	1.05	3.72	27.47	4.01	100	28,939
Kitgum	15.15	1.44	7.54	69.89	5.99	100	28,785
Kotido	66.65	0.00	0.00	33.35	0.00	100	18,793
Lira	48.42	0.66	2.43	45.30	3.20	100	80,505
Moroto	14.29	0.00	1.79	83.93	0.00	100	5,947
Moyo	45.23	0.34	24.10	26.25	4.08	100	15,934
Nebbi	46.47	1.80	4.71	30.62	16.39	100	59,817
Nakapiripirit	17.69	12.98	1.94	32.10	35.29	100	21,239
Pader	22.19	0.26	2.22	71.66	3.67	100	36,517
Yumbe	35.14	0.00	2.18	61.43	1.24	100	36,079
Abim	30.15	1.35	12.72	52.56	3.22	100	7,185
Amolatar	47.59	0.00	1.67	26.08	24.66	100	14,257
Amuru	46.60	3.14	1.39	48.72	0.15	100	29,637
Dokolo	17.37	3.62	3.53	69.55	5.93	100	23,376
Kaabong	54.25	0.00	0.40	37.61	7.73	100	18,616
Koboko	32.48	0.00	4.03	54.20	9.28	100	13,222
Nyadri	32.63	0.00	7.44	55.66	4.26	100	20,389
Oyam	34.60	0.52	0.80	63.07	1.01	100	45,896
Bundibugyo	45.11	0.00	6.53	34.99	13.37	100	11,618
Bushenyi	28.93	0.51	7.09	60.22	3.25	100	78,686
Hoima	48.06	0.49	3.10	41.15	7.20	100	46,031
Kabale	52.60	1.25	5.24	31.21	9.70	100	49,953
Kabarole	65.37	0.64	3.68	29.19	1.11	100	55,020
Kasese	70.12	0.64	3.27	23.20	2.78	100	73,321
Kibaale	79.75	0.32	1.36	15.79	2.78	100	62,859
Kisoro	39.94	0.30	25.33	30.90	3.53	100	43,151
Masindi	46.35	2.27	7.60	33.41	10.37	100	37,181
Mbarara	55.01	2.04	11.65	29.71	1.59	100	24,948
Ntungamo	77.96	0.77	2.11	17.53	1.63	100	33,026
Rukungiri	75.07	0.98	3.58	17.22	3.15	100	39,124
Kamwenge	59.17	1.20	5.22	34.06	0.35	100	36,147
Kanungu	56.51	0.95	9.76	30.07	2.71	100	34,099
Kyenjojo	36.58	0.96	6.37	50.49	5.61	100	56,746
Buliisa	23.31	0.16	4.87	71.07	0.59	100	6,923
Ibanda	44.76	3.12	10.51	31.12	10.49	100	26,340
Isingiro	35.36	1.75	7.58	48.28	7.03	100	32,948

District	Type of Secondary Activity					Total	Number
	Own account worker	Employer	Paid worker	Non-paid family work	Task worker		
Kiruhura	47.02	1.46	6.71	40.96	3.87	100	27,792
Total	53.96	1.48	4.89	34.34	5.34	100	2,759,416

**Table A2.17: Percentage Distribution of Ag HH members who at least Managers Crop Plot, Received Credit and Members of Farmers' Group by Sex**

District	All members in Ag HHs	Percent Distribution of Ag HH members who at least;								
		Managed a Plot			Received Credit			Members of Farmers' Group		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Central</b>										
Kalangala	8,772	59.5	40.5	2,701	100		17	52.4	47.6	286
Kampala	93,693	52.7	47.3	24,212	19.4	80.6	1,221	36.7	63.3	4,155
Kiboga	150,142	61.6	38.4	42,631	70.4	29.6	2,942	44.7	55.3	6,853
Luwero	151,331	58.3	41.7	38,957	65.9	34.1	3,873	57.2	42.8	5,898
Masaka	372,079	51.2	48.8	121,305	71.9	28.1	9,088	46.8	53.2	19,953
Mpigi	336,364	54.0	46.0	98,999	54.1	45.9	7,799	69.3	30.7	7,729
Mubende	376,877	64.8	35.2	92,287	65.1	34.9	14,644	65.1	34.9	9,793
Mukono	393,536	54.6	45.4	129,908	58.9	41.1	6,141	45.7	54.3	9,581
Nakasongola	77,970	69.4	30.6	16,328	42.9	57.1	1,474	42.7	57.3	1,878
Rakai	261,593	56.2	43.8	82,620	61.5	38.5	8,852	47.8	52.2	7,259
Ssembabule	155,965	55.0	45.0	48,595	73.1	26.9	6,538	52.1	47.9	11,339
Kayunga	261,010	52.0	48.0	64,998	55.0	45.0	2,338	56.1	43.9	2,949
Wakiso	400,171	54.4	45.6	106,452	53.8	46.2	17,651	48.8	51.2	8,967
Lyantonde	51,656	56.6	43.4	12,770	42.3	57.7	1,658	41.6	58.4	2,992
Mityana	213,284	57.3	42.7	69,184	76.3	23.7	2,186	52.7	47.3	5,310
Nakaseke	72,781	53.6	46.4	22,692	67.4	32.6	1,400	44.7	55.3	2,714
<b>Eastern</b>										
Bugiri	412,350	55.4	44.6	133,187	67.0	33.0	1,267	57.3	42.7	8,341
Busia	207,828	68.1	31.9	43,500	67.7	32.3	2,699	51.1	48.9	7,895
Iganga	578,971	61.8	38.2	123,588	83.0	17.0	7,883	46.9	53.1	16,100
Jinja	213,644	52.0	48.0	56,709	71.8	28.2	21,227	42.8	57.2	7,310
Kamuli	579,080	48.5	51.5	166,449	62.6	37.4	11,144	53.8	46.2	18,056
Kapchorwa	129,965	62.5	37.5	34,971	83.5	16.5	1,638	57.7	42.3	4,996
Katakwi	158,843	54.3	45.7	51,979	50.8	49.2	13,511	49.2	50.8	20,927
Kumi	267,440	57.2	42.8	73,090	57.8	42.2	5,411	53.6	46.4	7,243
Mbale	248,269	69.0	31.0	59,535	43.3	56.7	2,681	48.6	51.4	7,516
Pallisa	432,614	57.5	42.5	122,440	90.0	10.0	3,990	49.4	50.6	8,597
Soroti	419,756	68.5	31.5	97,472	75.8	24.2	10,693	56.8	43.2	23,676
Tororo	381,550	63.0	37.0	89,789	64.1	35.9	5,216	36.9	63.1	12,610
Kaberamaido	162,468	58.3	41.7	44,774	76.1	23.9	3,819	55.8	44.2	8,970
Mayuge	274,691	52.9	47.1	74,020	87.0	13.0	1,799	45.0	55.0	7,778
Sironko	254,599	80.8	19.2	53,972	74.0	26.0	1,707	59.6	40.4	17,745
Amuria	207,261	52.6	47.4	71,492	57.5	42.5	7,969	44.8	55.2	31,778
Budaka	144,666	52.4	47.6	53,752	85.3	14.7	2,010	42.4	57.6	3,747
Bududa	103,081	76.7	23.3	21,465	55.3	44.7	3,078	50.5	49.5	11,160
Bukedea	151,308	55.7	44.3	43,424	83.0	17.0	2,292	63.7	36.3	2,260
Bukwo	155,200	78.9	21.1	27,856	81.4	18.6	1,918	59.6	40.4	4,508
Butaleja	154,782	61.1	38.9	48,572	78.1	21.9	1,045	52.2	47.8	1,849
Kaliro	177,674	55.5	44.5	61,496	75.6	24.4	1,711	67.0	33.0	3,620
Manafwa	250,506	67.3	32.7	63,677	77.5	22.5	1,402	63.5	36.5	7,155
Namutumba	176,334	58.4	41.6	49,331	90.7	9.3	1,702	44.5	55.5	5,843
<b>Northern</b>										
Adjumani	126,418	52.5	47.5	46,064	54.3	45.7	5,547	56.5	43.5	5,494
Apac	375,082	57.1	42.9	120,720	55.7	44.3	8,596	51.6	48.4	24,945
Arua	268,382	56.6	43.4	113,135	41.4	58.6	7,439	64.5	35.5	8,239



District	All members in Ag HHs	Percent Distribution of Ag HH members who at least;								
		Managed a Plot			Received Credit			Members of Farmers' Group		
		Male	Female	Total	Male	Female	Total	Male	Female	Total
Gulu	184,655	54.1	45.9	62,701	42.9	57.1	3,835	38.1	61.9	5,660
Kitgum	219,837	61.4	38.6	60,529	61.4	38.6	2,415	52.2	47.8	38,636
Kotido	87,136	50.8	49.2	36,179	42.1	57.9	1,768	48.3	51.7	1,743
Lira	419,717	61.3	38.7	128,999	82.5	17.5	951	59.5	40.5	23,214
Moroto	83,208	51.3	48.7	19,592	24.9	75.1	425	50.0	50.0	850
Moyo	118,805	52.0	48.0	39,120	43.3	56.7	5,706	39.0	61.0	6,818
Nebbi	381,770	62.5	37.5	103,512	52.9	47.1	11,737	58.3	41.7	18,523
Nakapiripirit	158,583	63.2	36.8	52,013	100.0		745	61.2	38.8	22,790
Pader	183,213	53.9	46.1	74,395	66.4	33.6	3,247	48.3	51.7	33,923
Yumbe	260,935	57.2	42.8	87,357	73.9	26.1	2,111	51.6	48.4	7,850
Abim	62,700	46.3	53.7	21,958				40.0	60.0	7,873
Amolatar	102,465	61.5	38.5	20,748	77.0	23.0	1,596	56.1	43.9	2,766
Amuru	178,838	55.3	44.7	78,369	64.4	35.6	1,254	53.8	46.2	8,540
Dokolo	150,756	56.5	43.5	48,358	82.7	17.3	445	60.7	39.3	8,713
Kaabong	151,887	40.1	59.9	64,868	56.4	43.6	5,507	45.3	54.7	17,431
Koboko	159,391	55.2	44.8	46,027	57.1	42.9	2,569	54.0	46.0	5,476
Nyadri	168,270	59.4	40.6	65,116	100.0		1,262	55.1	44.9	14,430
Oyam	288,021	57.0	43.0	91,717	53.7	46.3	7,467	49.0	51.0	15,744
<b>Western</b>										
Bundibugyo	116,740	64.2	35.8	37,168	63.5	36.5	1,784	57.0	43.0	8,649
Bushenyi	537,832	46.0	54.0	193,373	59.7	40.3	17,084	50.9	49.1	21,673
Hoima	286,090	57.8	42.2	85,707	71.5	28.5	11,918	49.8	50.2	7,130
Kabale	409,945	49.7	50.3	116,251	60.6	39.4	34,823	43.2	56.8	28,451
Kabarole	371,039	51.2	48.8	121,040	60.3	39.7	7,678	41.8	58.2	9,602
Kasese	470,163	62.6	37.4	126,781	67.4	32.6	22,186	56.8	43.2	21,957
Kibaale	387,236	62.0	38.0	113,737	73.2	26.8	9,614	53.4	46.6	11,257
Kisoro	236,390	52.4	47.6	74,680	65.5	34.5	10,013	37.8	62.2	14,839
Masindi	228,504	64.2	35.8	70,514	67.7	32.3	4,378	63.1	36.9	8,685
Mbarara	291,176	54.2	45.8	72,747	66.3	33.7	9,156	49.3	50.7	11,133
Ntungamo	293,279	57.9	42.1	93,004	68.3	31.7	7,130	46.1	53.9	17,728
Rukungiri	271,151	62.7	37.3	71,074	68.6	31.4	6,392	46.5	53.5	23,852
Kamwenge	279,365	52.2	47.8	85,408	73.1	26.9	13,444	55.2	44.8	12,259
Kanungu	196,907	57.3	42.7	52,501	70.1	29.9	7,635	46.3	53.7	8,001
Kyenjojo	385,094	52.6	47.4	141,748	54.2	45.8	14,348	47.8	52.2	22,230
Buliisa	45,994	49.7	50.3	12,431	65.9	34.1	308	51.3	48.7	1,348
Ibanda	200,632	57.2	42.8	71,406	57.0	43.0	14,465	48.2	51.8	15,656
Isingiro	321,810	51.9	48.1	93,215	60.6	39.4	10,539	46.5	53.5	15,609
Kiruhura	174,707	59.9	40.1	49,286	69.1	30.9	4,056	54.5	45.5	9,217
<b>Uganda</b>	<b>19,254,223</b>	<b>56.8</b>	<b>43.2</b>	<b>5,704,718</b>	<b>63.4</b>	<b>36.6</b>	<b>487,202</b>	<b>51.0</b>	<b>49.0</b>	<b>906,273</b>

**Table A3.1: Number and percentage of Ag HHs visited by Extension Worker during the past 12 months and mean number of visits by district**

District	Ag HHs that responded	Number of Ag HH visited	Mean Number of Times Visited	% Within Districts
Kalangala	2,623	1,363	4	52.0
Kampala	25,464	205	9	0.8
Kiboga	34,727	5,405	3	15.6
Luwero	31,967	5,396	3	16.9
Masaka	86,820	18,873	4	21.7
Mpigi	70,399	14,778	3	21.0
Mubende	70,066	9,906	3	14.1
Mukono	94,070	15,593	3	16.6
Nakasongola	12,971	257	3	2.0
Rakai	58,994	6,599	3	11.2
Ssembabule	31,708	5,214	4	16.4
Kayunga	45,964	4,704	2	10.2
Wakiso	78,530	15,882	4	20.2
Lyantonde	9,313	1,389	3	14.9
Mityana	45,306	4,301	3	9.5
Nakaseke	16,564	4,694	3	28.3
Bugiri	71,228	8,771	3	12.3
Busia	38,126	3,029	3	7.9
Iganga	87,916	29,741	3	33.8
Jinja	43,160	18,730	3	43.4
Kamuli	95,146	13,303	5	14.0
Kapchorwa	22,547	1,284	3	5.7
Katakwi	25,716	3,881	5	15.1
Kumi	43,075	4,258	7	9.9
Mbale	50,494	4,397	3	8.7
Pallisa	69,059	3,591	2	5.2
Soroti	72,710	15,980	4	22.0
Tororo	66,059	9,789	4	14.8
Kaberamaido	26,323	10,722	4	40.7
Mayuge	46,012	7,899	3	17.2
Sironko	50,653	7,257	3	14.3
Amuria	37,228	27,355	2	73.5
Budaka	26,297	3,922	3	14.9
Bududa	18,724	5,907	2	31.5
Bukedea	26,154	1,934	3	7.4
Bukwo	22,164	1,429	3	6.4
Butaleja	29,345	2,418	5	8.2
Kaliro	28,600	2,489	2	8.7
Manafwa	44,167	2,783	3	6.3
Namutumba	28,982	4,035	2	13.9
Adjumani	22,292	4,133	3	18.5
Apac	69,996	19,794	3	28.3
Arua	53,910	3,450	5	6.4
Gulu	34,047	5,171	3	15.2
Kitgum	39,347	15,554	3	39.5
Kotido	19,311	1,446	1	7.5
Lira	85,968	9,058	6	10.5
Moroto	13,942	5,735	3	41.1

<b>District</b>	<b>Ag HHs that responded</b>	<b>Number of Ag HH visited</b>	<b>Mean Number of Times Visited</b>	<b>% Within Districts</b>
Moyo	20,188	2,628	3	13.0
Nebbi	71,133	15,362	5	21.6
Nakapiripi-t	25,873	2,612	2	10.1
Pader	50,951	23,334	6	45.8
Yumbe	42,913	2,431	4	5.7
Abim	8,810	4,841	4	54.9
Amolatar	16,712	3,053	3	18.3
Amuru	35,614	5,128	4	14.4
Dokolo	26,370	3,413	7	12.9
Kaabong	19,657	4,994	4	25.4
Koboko	23,141	945	4	4.1
Nyadri	24,595	3,509	3	14.3
Oyam	50,931	34,610	3	68.0
Bundibugyo	20,158	3,097	3	15.4
Bushenyi	101,429	26,028	4	25.7
Hoima	50,684	16,879	3	33.3
Kabale	82,386	29,473	4	35.8
Kabarole	72,186	7,249	3	10.0
Kasese	83,848	13,019	2	15.5
Kibaale	73,311	17,423	4	23.8
Kisoro	50,215	7,208	3	14.4
Masindi	45,282	5,253	4	11.6
Mbarara	52,618	10,928	4	20.8
Ntungamo	58,761	8,935	5	15.2
Rukungiri	49,847	15,560	4	31.2
Kamwenge	52,014	4,136	2	8.0
Kanungu	38,230	7,553	3	19.8
Kyenjojo	74,469	4,131	3	5.5
Buliisa	8,223	985	3	12.0
Ibanda	34,150	7,651	3	22.4
Isingiro	55,535	8,513	3	15.3
Kiruhura	30,646	5,134	2	16.8

**Table A3.2: Ag HHs that reported receiving extension services on Farm Management by source and district.**

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	535	170	34	224	669
Kampala					51
Kiboga	2,639	1,052	778	1,466	526
Luwero	768	85		213	281
Masaka	5,207	2,966	227	1,889	7,848
Mpigi	5,167	2,781	606	915	675
Mubende	2,833	809	430	1,440	3,015
Mukono	5,161	1,122	1,471	1,584	902
Nakasongola	118			75	
Rakai	2,998	1,720	266		150
Ssembabule	861	495	605	90	162
Kayunga	740	196	257	171	
Wakiso	2,365	867	659	163	4,002
Lyantonde	825	209	93	45	83
Mityana	643	540		963	441
Nakaseke	1,000	848	895	353	962
Bugiri	2,235	152	301	281	230
Busia	1,642			365	770
Iganga	6,935	1,084		1,575	7,835
Jinja	5,184	1,201	406	2,012	263
Kamuli	1,510	452	105	151	4,813
Kapchorwa	545	71			
Katakwi	1,465	281		1,530	863
Kumi	2,006	312	30	601	313
Mbale	206	183	79	114	148
Pallisa	693	393	127		
Soroti	2,656	116	313	1,566	2,653
Tororo	3,530	553	279	613	3,142
Kaberamaido	2,552	684	127	2,250	1,555
Mayuge	1,933	141	185	309	174
Sironko	3,538	441	113	1,061	516
Amuria	6,073	5,342	1,224	1,631	3,786
Budaka	882	479	387	793	424
Bududa	1,408	56		277	104
Bukedea	1,159			128	215
Bukwo	910	109		600	
Butaleja	699	441		80	165
Kaliro	1,168	69		208	241
Manafwa	1,648	373	207	689	217
Namutumba	1,536	220		77	252
Adjumani	1,315	1,274	827	1,001	
Apac	3,539	997	287	1,864	11,014
Arua	1,095	403	125	647	86
Gulu	475	1,929	135	1,307	654
Kitgum	6,737	1,993	1,886	288	1,870
Kotido	987	1,075	987	952	
Lira	744	692	575	3,937	140

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Moroto	5,310	106			319
Moyo	769	399	244		272 44
Nebbi	4,311	2,618	165	2,123	3,374
Nakapiripirit	349			106	
Pader	2,176	295	141	3,717	789
Yumbe	954	153		733	358
Abim	918	1,161	641	445	359
Amolatar	519		36	128	47
Amuru	388	287	21	599	881
Dokolo	1,716	645	68	487	68
Kaabong	2,500	429	216	272	207
Koboko	531	180	47	313	106
Nyadri	1,536	361		345	441
Oyam	2,955	967	826	2,526	26,942
Bundibugyo	459			120	191
Bushenyi	9,568	2,481	592	1,499	6,495
Hoima	4,069	130	545	4,224	4,302
Kabale	5,885	7,215	1,178	2,762	4,780
Kabarole	3,483	271	389	1,730	
Kasese	2,652	645	518	1,038	195
Kibaale	6,731	1,371	1,427	760	795
Kisoro	2,730	310	115	1,294	1,038
Masindi	999	1,707		122	133
Mbarara	1,188	104		318	130
Ntungamo	2,862	260	160	197	
Rukungiri	1,580	330	289	771	204
Kamwenge	728		106	114	
Kanungu	2,588	98	-	194	1,770
Kyenjojo	2,547	257	332	414	387
Buliisa	120	40	40		503
Ibanda	2,826	284	212	1,145	
Isingiro	1,479		181	142	494
Kiruhura	3,457				81

**Table A3.3: Ag HHs that reported receiving extension services on Selection of Crop Varieties by source and district.**

District	Source of Service			
	NAADS	Other Gov't (Crops)	Farmers Association	Others
Kalangala	365	98	192	682
Kampala				
Kiboga	1,713	1,083	232	236
Luwero	1,154	345	520	594
Masaka	5,525	4,381	2,346	8,100
Mpigi	8,380	2,220	269	415
Mubende	4,775	1,868	1,387	3,893
Mukono	4,079	118	2,680	1,990
Nakasongola	43	68	33	
Rakai	2,353	2,761	150	120
Ssembabule	476	1,654	286	283
Kayunga	692	250	1,489	396
Wakiso	2,536	1,168	988	4,770
Lyantonde	782	309	165	175
Mityana	1,575	782	1,431	295
Nakaseke	692	408	456	1,079
Bugiri	2,221	438	738	230
Busia	1,745	95	681	553
Iganga	7,549	2,512	843	9,829
Jinja	9,857	3,230	2,555	1,626
Kamuli	3,332	101	664	5,921
Kapchorwa	853	71		
Katakwi	1,426	248	1,580	625
Kumi	1,819	418	274	71
Mbale	2,577	352		307
Pallisa	729	261	154	
Soroti	3,759	590	1,394	3,141
Tororo	4,424	508	523	3,081
Kaberamaido	2,409	1,017	2,333	1,815
Mayuge	4,785	1,483	767	769
Sironko	2,990	427	1,791	615
Amuria	18,322	10,192	4,156	7,932
Budaka	582	1,098	167	336
Bududa	2,266	121	278	1,360
Bukedea	1,162	64	114	171
Bukwo	811		779	
Butaleja	810	521		248
Kaliro	1,063	144	259	310
Manafwa	1,487	266	556	320
Namutumba	2,004	490	179	222
Adjumani	1,089	1,610	750	119
Apac	3,487	676	2,627	10,838
Arua	2,081	61	343	258
Gulu	1,003	595	1,083	670
Kitgum	9,448	1,777	856	2,383
Kotido	85		88	
Lira	1,978	1,870	4,124	
Moroto	1,274		212	

District	Source of Service			
	NAADS	Other Gov't (Crops)	Farmers Association	Others
Moyo	873	267	400	44
Nebbi	4,955	3,107	2,025	2,497
Nakapiripirit	2,307		106	
Pader	8,398	1,179	3,830	1,952
Yumbe	960	286	603	134
Abim	3,569	1,447	350	78
Amolatar	579		230	1,470
Amuru	1,100	1,057	572	660
Dokolo	1,661	904	324	219
Kaabong	290	1,040	122	315
Koboko	373	114	177	212
Nyadri	2,082	543	230	497
Oyam	3,398	3,720	3,472	23,546
Bundibugyo	21			
Bushenyi	9,774	1,155	1,448	3,767
Hoima	5,704	304	4,607	3,486
Kabale	8,660	9,057	5,711	7,804
Kabarole	4,591		1,636	134
Kasese	6,644	392	1,220	390
Kibaale	4,430	3,040	3,192	2,701
Kisoro	3,000	443	867	1,328
Masindi	1,288	1,470	417	99
Mbarara	964	236		
Ntungamo	3,622	732	1,494	98
Rukungiri	7,025	2,322	3,287	406
Kamwenge	1,024	200	228	707
Kanungu	3,436	98	181	1,414
Kyenjojo	2,166	257	387	694
Buliisa	167	180	40	434
Ibanda	2,877	783	1,699	261
Isingiro	2,811	310	142	3,074
Kiruhura	1,129	116	172	494

**Table A3.4: Ag HHs that reported receiving extension services on Input Use by source and district.**

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	183	41	8	107	696
Kampala					
Kiboga	1,125	922	36	71	376
Luwero	642	155		71	632
Masaka	4,210	1,231	156	4,125	4,886
Mpigi	5,491	3,145		534	570
Mubende	2,400	1,547	10	1,432	2,477
Mukono	2,932	336	405	1,110	1,244
Nakasongola					
Rakai	1,386	2,540	291	205	802
Ssembabule	420	1,171		202	136
Kayunga	13	92		197	125
Wakiso	2,659	968	181	623	2,963
Lyantonde	529	470		80	133
Mityana	1,723	513		1,150	485
Nakaseke	599	433	65	370	672
Bugiri	1,494			149	230
Busia	1,253	199	95	294	329
Iganga	6,451	778	254	1,258	6,899
Jinja	7,318	429	197	2,017	330
Kamuli	2,195	226	105	151	5,552
Kapchorwa	853	71			
Katakwi	466	141	181	508	805
Kumi	1,212	513		257	222
Mbale	272				
Pallisa	298	412		480	149
Soroti	2,284	418		999	2,653
Tororo	3,760	150		341	2,791
Kaberamaido	1,094	212	69	766	1,063
Mayuge	1,791	503		168	408
Sironko	4,002	327	189	1,178	615
Amuria	1,429	4,438	595	765	4,389
Budaka	275	834		679	77
Bududa	2,888			332	1,013
Bukedea	130	413			171
Bukwo	574			439	
Butaleja	419	590			83
Kaliro	1,200	144		181	359
Manafwa	892	266		311	109
Namutumba	1,550	230		77	188
Adjumani	185				
Apac	1,810	285		1,295	10,776
Arua	892	219		221	191
Gulu	124	449	224	620	383
Kitgum	3,800	765	225	506	1,465
Kotido					



District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Lira	1,409	1,023	1,527	2,556	139
Moroto	850			106	106
Moyo	500	277		86	44
Nebbi	2,562	3,385		1,093	3,005
Nakapiripirit					
Pader	1,583	373	141	1,422	402
Yumbe					418
Abim	879	78	78	78	86
Amolatar	541	61			105
Amuru	210	223	124	407	466
Dokolo	928	942	68	649	64
Kaabong	161	298	281	155	516
Koboko	162	31	47	260	125
Nyadri	841	257		618	693
Oyam	1,337	3,356		1,950	23,960
Bundibugyo					
Bushenyi	7,513	859	188	1,140	3,458
Hoima	3,245	1,027	112	5,533	4,319
Kabale	10,333	6,324	193	3,295	5,787
Kabarole	766	271	271	616	440
Kasese	951	115		1,585	390
Kibaale	1,435	1,385	3,659	649	894
Kisoro	2,110	102	97	868	1,101
Masindi	1,807	1,030		249	267
Mbarara	896			243	
Ntungamo	1,112	470	187	163	
Rukungiri	2,850	512		481	
Kamwenge	253			114	
Kanungu	1,307	249		194	708
Kyenjojo	663	126			126
Buliisa	5	40		67	423
Ibanda	2,500	83		586	
Isingiro	1,825	120			3,199
Kiruhura	510		162		81

**Table A3.5: Ag HHs that reported receiving extension services on Credit by source and district.**

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	223	13		22	678
Kampala					
Kiboga	312	59	283	440	1,224
Luwero	98			71	507
Masaka	1,846			1,208	7,531
Mpigi	1,011	427		186	580
Mubende	1,872	1,361		1,294	3,596
Mukono	1,767	420	415	1,154	1,414
Nakasongola					
Rakai	3,014		383	432	222
Ssembabule	520		95	464	299
Kayunga		92			
Wakiso	276		452	297	1,057
Lyantonde	127	42		630	123
Mityana	111	105		334	1,540
Nakaseke	412		118	266	361
Bugiri	582			125	82
Busia	338	91		96	308
Iganga	717	606		1,208	5,355
Jinja	1,785	197	197	2,011	4,641
Kamuli	171			151	4,468
Kapchorwa	139				
Katakwi	332			396	1,268
Kumi	619	480	246	563	230
Mbale	88				
Pallisa	286			142	
Soroti	1,717		118	1,331	3,206
Tororo	665	117		1,801	1,684
Kaberamaido	139	235		1,018	1,493
Mayuge	812			84	374
Sironko	2,135	496		380	1,096
Amuria	3,055	2,132	193	3,433	3,892
Budaka	64	154		476	708
Bududa	601			559	727
Bukedea	323			413	287
Bukwo	235			164	
Butaleja	104	80		395	407
Kaliro	755	144		78	147
Manafwa	788	145		168	109
Namutumba	580			110	343
Adjumani	88			175	88
Apac	743	134	134	1,070	10,400
Arua	339	135		583	503
Gulu	513	224	248	1,065	786
Kitgum	1,472	617	183	375	1,157
Kotido					
Lira	1,180	1,592	713	887	139
Moroto	425	106			106

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Moyo		224	222	213	
Nebbi	875	323		594	6,114
Nakapiripirit					
Pader	595	819	235	1,369	740
Yumbe	325	134		267	77
Abim	321	74		398	39
Amolatar	678			64	290
Amuru	80			528	1,506
Dokolo	301	275	68	1,213	168
Kaabong		80	163	81	437
Koboko	216			113	83
Nyadri	74	116			686
Oyam	1,315	302	89	2,786	27,593
Bundibugyo				226	120
Bushenyi	4,830	206		2,593	3,374
Hoima	712	161	112	3,021	7,904
Kabale	5,542	386	119	3,191	4,599
Kabarole	910	271	136	2,305	847
Kasese	1,919		42	4,747	557
Kibaale	721	1,205	399	3,640	1,578
Kisoro	454	74	97	479	689
Masindi	172	1,006		222	895
Mbarara	113			366	106
Ntungamo	580	187	85	317	
Rukungiri	275	115		394	111
Kamwenge	939			224	501
Kanungu	102	72		92	570
Kyenjojo	257	131		193	387
Buliisa	80			120	380
Ibanda	1,380	83	83	1,595	745
Isingiro	253			252	609
Kiruhura	424			367	

**Table A3.6: Ag HHs that reported receiving extension services on Farm Mechanisation by source and district.**

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	147	41	6	11	657
Kampala					
Kiboga	103	490	196	234	539
Luwero	182			142	352
Masaka	637	520	293	73	8,183
Mpigi	2,901	3,392	313	354	
Mubende	144	200		282	2,281
Mukono	371	329	50	50	1,546
Nakasongola					
Rakai	838	562	169		
Ssembabule	884	504	214		155
Kayunga	84		184	92	
Wakiso	428				1,136
Lyantonde	126	288	264	133	116
Mityana	108	192		314	797
Nakaseke	362	126		65	253
Bugiri	633		44		230
Busia	917				313
Iganga	1,688	136		781	4,070
Jinja	2,325	197	596	1,552	142
Kamuli	623	125			4,116
Kapchorwa	71				
Katakwi	495		68	68	714
Kumi	723			34	224
Mbale	434				145
Pallisa	144	142		189	
Soroti	2,463		104	959	2,653
Tororo	486				3,203
Kaberamaido	534	653		854	918
Mayuge		47		250	185
Sironko	1,849	164		267	733
Amuria	2,516	3,567	797	665	4,429
Budaka	125	234	148	318	71
Bududa	132				
Bukedea	207	103			
Bukwo	211			141	
Butaleja	300	278			199
Kaliro	637			181	310
Manafwa	253	290			109
Namutumba	171				106
Adjumani	268	88	57		
Apac	1,391	153		1,282	10,511
Arua	443	193	135		230
Gulu		361	372	349	177
Kitgum	1,136	263	268	368	706
Kotido					

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Lira	1,414	957	1,238	970	139
Moroto	319	425	106		106
Moyo	290	85	85		
Nebbi	1,850	2,557		752	3,190
Nakapiripirit	287				
Pader	1,265	189	330	1,403	188
Yumbe					
Abim	117	220	755	86	242
Amolatar	497	64			
Amuru	317	64	80	503	349
Dokolo	651	522	171	559	128
Kaabong		61	200	80	376
Koboko	248	130	83		47
Nyadri	74	90	102		
Oyam	1,546		74	1,499	27,082
Bundibugyo					
Bushenyi	2,179	159	533	360	3,316
Hoima	1,659	3,082	715	4,222	2,660
Kabale	413	1,999	3,010	434	2,345
Kabarole	498	250	125		
Kasese	576	268		947	195
Kibaale	1,474	873	473	755	2,814
Kisoro			119		
Masindi	34	1,464	99	238	498
Mbarara					
Ntungamo	187	85	187		
Rukungiri	507	96	212		111
Kamwenge	148	108			
Kanungu				102	
Kyenjojo	126				126
Buliisa					467
Ibanda	1,425	226		633	
Isingiro	87				124
Kiruhura	257				

**Table A3.7: Ag HHs that reported receiving extension services on Animal Health by source and district.**

District	Source of Service			
	NAADS	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	202	39		674
Kampala				
Kiboga	651	1,729	332	399
Luwero	305	193	462	493
Masaka	1,174	6,326	564	6,722
Mpigi	2,002	3,435	382	570
Mubende	1,616	1,049	891	2,307
Mukono	2,594	4,980	769	4,274
Nakasongola		33		
Rakai	1,370	2,164	55	
Ssembabule	258	1,038	276	317
Kayunga	576	1,073	171	146
Wakiso	1,149	2,127	593	6,756
Lyantonde	269	735	41	92
Mityana	622	1,202	112	559
Nakaseke	425	467	62	861
Bugiri	3,389	195	149	230
Busia	1,409	133	167	423
Iganga	2,300	5,612	425	5,593
Jinja	2,944	3,944	1,698	620
Kamuli	1,422	959	151	4,364
Kapchorwa	739	57		
Katakwi	1,561	1,276	68	410
Kumi	1,930	309	340	223
Mbale	202	79		74
Pallisa	1,144	259		
Soroti	2,393	849	875	2,785
Tororo	1,679	1,188	283	3,229
Kaberamaido	1,154	2,266	1,158	841
Mayuge	1,212	1,006	273	127
Sironko	2,053	1,332	912	926
Amuria	13,948	16,244	3,383	6,911
Budaka	202	1,921		317
Bududa	1,629	1,056	509	366
Bukedea	103	310	64	108
Bukwo	658		558	
Butaleja	104	1,530		83
Kaliro	768	444	103	446
Manafwa	792	223	352	109
Namutumba	732	324		
Adjumani	100	1,873	88	
Apac	1,965	10,092	1,570	2,994
Arua	429	125	135	314
Gulu	350	1,242	994	406
Kitgum	5,127	2,236	530	1,681

District	Source of Service			
	NAADS	Other Gov't (Livestock)	Farmers Association	Others
Kotido	211	265	117	117
Lira	981	2,792	306	
Moroto	319	1,381		
Moyo	276	901		
Nebbi	2,129	5,185	477	995
Nakapiripirit	1,588			
Pader	3,630	813	675	175
Yumbe	306	286	365	
Abim	1,324	1,248	205	52
Amolatar	249	467		
Amuru		1,862		211
Dokolo	289	2,032	68	
Kaabong	522	677		61
Koboko	327	180	125	47
Nyadri	626	386		
Oyam	2,130	7,113	2,154	24,722
Bundibugyo				
Bushenyi	5,675	2,926	589	1,505
Hoima	1,522	7,899	3,109	1,563
Kabale	2,036	8,832	1,718	3,262
Kabarole	1,103	1,409	268	
Kasese	3,812	4,468	262	390
Kibaale	2,064	5,764	542	2,126
Kisoro	334	237	200	104
Masindi	940	811	199	233
Mbarara	563	130		118
Ntungamo	680	963	235	157
Rukungiri	1,470	4,044	569	305
Kamwenge	106			141
Kanungu	895	248	89	427
Kyenjojo	507	395		599
Buliisa	85	11	50	430
Ibanda	1,704	658	86	89
Isingiro	2,090	169		1,225
Kiruhura	1,426	422		434

**Table A3.8: Ag HHs that reported receiving extension services on Plant Protection by source and district.**

District	Source of Service			
	NAADS	Other Gov't (Crops)	Farmers Association	Others
Kalangala	292	263	244	700
Kampala				
Kiboga	1,247	789	121	166
Luwero	1,022	100	213	267
Masaka	3,672	4,334	2,521	7,086
Mpigi	7,044	1,040	354	1,038
Mubende	3,512	1,299	1,627	3,358
Mukono	3,526	446	1,067	1,018
Nakasongola	43		68	
Rakai	1,694	2,480	354	503
Ssembabule	276	858	198	231
Kayunga	170	92	434	73
Wakiso	1,013	822	656	3,383
Lyantonde	661	345		88
Mityana	2,212	1,207	997	123
Nakaseke	397	105	498	811
Bugiri	1,054	530	176	230
Busia	925	101		325
Iganga	4,250	1,373	697	5,627
Jinja	4,944	2,607	1,874	357
Kamuli	1,585	407	160	4,906
Kapchorwa	646	145	57	
Katakwi	725	538	1,373	947
Kumi	1,768	133	183	71
Mbale	2,348			233
Pallisa	271		149	
Soroti	2,665	161	1,506	2,814
Tororo	929	250	221	2,831
Kaberamaido	1,712	510	1,307	1,041
Mayuge	1,299	1,129	776	305
Sironko	3,031	483	1,470	615
Amuria	13,415	9,810	3,264	6,752
Budaka	273	631		148
Bududa	1,385	175	607	356
Bukedea	216	356		
Bukwo	483		342	
Butaleja	307	590		165
Kaliro	1,075	75	259	310
Manafwa	1,151	405	100	217
Namutumba	1,749	694	153	165
Adjumani	960	1,488	940	88
Apac	2,250	398	1,998	10,508
Arua	1,538	293	430	170
Gulu	516	913	807	349
Kitgum	5,919	542	444	447
Kotido	88	88	176	



District	Source of Service			
	NAADS	Other Gov't (Crops)	Farmers Association	Others
Lira	492	961	2,653	279
Moroto	850	425	106	
Moyo	179	198	240	40
Nebbi	3,199	2,811	1,562	1,320
Nakapiripirit	331		106	
Pader	3,179	647	1,866	651
Yumbe	680		98	273
Abim	695	1,934	379	
Amolatar	483	233		
Amuru	656	1,104	206	271
Dokolo	1,469	1,017	68	
Kaabong	160	122	136	315
Koboko	306	114	188	94
Nyadri	1,462	398		594
Oyam	2,744	3,621	2,030	23,797
Bundibugyo	48	120	194	1,472
Bushenyi	9,837	1,747	957	2,905
Hoima	2,560	4,713	2,826	1,386
Kabale	7,176	6,517	3,724	4,979
Kabarole	3,300	261	1,350	
Kasese	4,570	376	1,410	683
Kibaale	2,955	2,591	3,325	1,198
Kisoro	2,147	284	659	463
Masindi	798	1,401	254	197
Mbarara	1,532	106	317	
Ntungamo	840	386	125	
Rukungiri	3,442	953	98	
Kamwenge	125	268		295
Kanungu	1,396	96	89	275
Kyenjojo	721	131	193	126
Buliisa	165	183		472
Ibanda	3,011	815	1,473	86
Isingiro	3,347		128	3,073
Kiruhura	858	277		252

**Table A3.9: Ag HHs that reported receiving extension services on Environmental Conservation by source and district.**

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	186	188		234	648
Kampala					
Kiboga	421	521	752	152	694
Luwero	602	270		71	226
Masaka	1,106	497	269	524	11,307
Mpigi	2,168	5,390		607	853
Mubende	2,807	1,448	240	1,646	3,018
Mukono	1,190	560		406	1,650
Nakasongola					
Rakai	1,198	894			972
Ssembabule	263	583	89	60	391
Kayunga	92	184	165	66	92
Wakiso	522	658		229	2,426
Lyantonde	41	366		25	495
Mityana	235	868		426	1,848
Nakaseke	87	363		440	1,330
Bugiri	555	44		27	82
Busia	808	95	199	95	762
Iganga	1,222	1,023	296	707	7,058
Jinja	1,976	835	368	1,763	1,975
Kamuli	357	166		188	4,756
Kapchorwa	434				57
Katakwi	188	891	181	706	542
Kumi	550	965	250	288	362
Mbale	463	74			
Pallisa	298	142			
Soroti	1,111			948	2,927
Tororo	153	132		227	3,064
Kaberamaido	689	558	141	631	1,276
Mayuge	1,094	328		438	417
Sironko	2,295	441		1,296	1,220
Amuria	7,564	11,488	6,789	3,026	7,473
Budaka	202	538	243	1,188	141
Bududa	744			363	851
Bukedea	103	207	103		224
Bukwo	811			509	
Butaleja	258	511			165
Kaliro	907	69		181	397
Manafwa	745	469		145	430
Namutumba	503	609			517
Adjumani	92	97	88	88	
Apac	1,120	2,263	-	674	10,322
Arua	229	105	135	125	335
Gulu	237	1,343	377	458	755
Kitgum	3,209	852	294	528	1,418
Kotido					

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Lira	758	1,719	886	1,672	
Moroto	212	1,168			106
Moyo	130	297	90	40	40
Nebbi	1,552	3,841	142	296	3,641
Nakapiripirit	11				
Pader	1,615	1,018	330	1,124	1,368
Yumbe	654			217	68
Abim	320	1,079	211	299	52
Amolatar	182	163	67	55	249
Amuru		530			1,860
Dokolo	1,216	929	68	212	64
Kaabong		61		81	437
Koboko	183	141	90	19	141
Nyadri	1,098	261		102	955
Oyam	1,197	248	310	2,565	27,024
Bundibugyo	21			101	
Bushenyi	3,712	4,242	761	1,113	5,067
Hoima	751	6,092	179	2,630	1,956
Kabale	4,391	6,722	1,780	2,271	7,317
Kabarole	349	136	271	133	372
Kasese	119	76		527	4,309
Kibaale	1,484	2,750	3,046	604	2,276
Kisoro	1,448	754		283	1,045
Masindi	86	821		88	739
Mbarara	130				480
Ntungamo	403	287	208	183	98
Rukungiri	857	232	97	96	111
Kamwenge		103			103
Kanungu	438	195		92	1,541
Kyenjojo	131	332	131	193	257
Buliisa	111	73			488
Ibanda	1,316	503		1,387	83
Isingiro	1,832				2,334
Kiruhura	581				171

**Table A3.10: Ag HHs that reported receiving extension services on Marketing by source and district.**

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	401	35		223	644
Kampala					
Kiboga	427	411	202	1,196	2,265
Luwero	458	161		269	537
Masaka	1,495			1,823	10,612
Mpigi	6,161	775	125	989	1,203
Mubende	3,467	1,418	497	2,527	4,479
Mukono	1,058	480		1,535	2,869
Nakasongola					
Rakai	1,909	312		388	653
Ssembabule	547	233	62	1,257	320
Kayunga	188	184		158	73
Wakiso	1,147	481	103	431	4,056
Lyantonde	432	78		634	154
Mityana	105	314		1,055	1,029
Nakaseke	544	211	982	740	1,337
Bugiri	1,451			675	382
Busia	638			642	1,078
Iganga	2,278	958	254	742	13,522
Jinja	2,244	504	259	2,487	4,704
Kamuli	669	101	105	303	4,615
Kapchorwa	278			57	71
Katakwi	1,217	68	68	845	1,152
Kumi	1,300	276	192	876	375
Mbale	272			74	366
Pallisa	144			411	131
Soroti	2,060			1,213	2,777
Tororo	1,428			2,166	1,073
Kaberamaido	1,086	398		1,247	1,856
Mayuge	1,704	643		964	511
Sironko	2,284	164	164	1,612	1,049
Amuria	7,685	10,288	6,267	4,724	8,621
Budaka	71	71		109	881
Bududa	889	94		817	1,747
Bukedea	253			334	108
Bukwo	359			128	
Butaleja	251	80		557	361
Kaliro	813			156	379
Manafwa	711	115		145	255
Namutumba	1,212	501		363	174
Adjumani			88		
Apac	1,409	527	134	2,706	10,596
Arua	1,041	104	135	517	461
Gulu	213	596	276	1,219	429
Kitgum	596	447	788	203	1,084
Kotido	4				

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Lira	1,148	1,828	725	2,507	140
Moroto	425	212	106		106
Moyo	321	349	179	86	84
Nebbi	1,780	2,258		2,305	3,509
Nakapiripirit	315	92		106	
Pader	2,944	495	294	2,286	364
Yumbe	546			134	484
Abim	39	104	39	350	422
Amolatar	483				1,545
Amuru	127	159	124	869	416
Dokolo	2,071	144	68	200	
Kaabong	75			61	522
Koboko	134	161		136	106
Nyadri	2,165	143			612
Oyam	1,829	1,892	194	3,095	27,008
Bundibugyo				125	1,845
Bushenyi	3,831	1,109	206	3,526	4,645
Hoima	2,425	579	906	6,409	4,523
Kabale	8,388	1,901	542	3,180	6,715
Kabarole	1,496	136	136	668	
Kasese	5,181	545	210	1,009	349
Kibaale	2,538	1,655	441	2,416	3,452
Kisoro	486	119	103	513	972
Masindi	964	1,411	168	630	315
Mbarara	484	211		588	346
Ntungamo	1,062	744	197	982	226
Rukungiri	1,498	194		1,136	202
Kamwenge	551			90	707
Kanungu	793	267			229
Kyenjojo	934	131	131	193	257
Buliisa	45	193		33	544
Ibanda	1,848	255	86	2,466	175
Isingiro	858				856
Kiruhura	419	91			162

**Table A3.11: Ag HHs that reported receiving extension services on Training by source and district**

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Kalangala	583	65	18	106	704
Kampala					
Kiboga	3,973	716	611	1,080	71
Luwero	1,578	283		249	599
Masaka	10,477	401	564	1,117	5,779
Mpigi	8,636	320	168	494	1,123
Mubende	4,829	1,917	260	1,432	1,979
Mukono	5,277	193	208	832	1,271
Nakasongola	156			33	
Rakai	3,944	1,242	418	398	270
Ssembabule	2,812	648	515	90	301
Kayunga	899			188	92
Wakiso	3,798	539	171	172	2,725
Lyantonde	1,218	209	83	42	
Mityana	2,857	498		855	
Nakaseke	1,909	62	62	394	270
Bugiri	3,725			82	82
Busia	2,548	95	95	352	150
Iganga	9,968	653	360	1,227	4,291
Jinja	8,188	693	500	1,812	142
Kamuli	3,985	241	160	160	4,429
Kapchorwa	1,105				
Katakwi	2,271	131	181	867	1,355
Kumi	3,102	162	120	301	334
Mbale	3,561	129			233
Pallisa	1,488	250		154	
Soroti	9,394	233		616	2,222
Tororo	5,387	241	150	1,594	1,541
Kaberamaido	2,678	616		1,618	1,249
Mayuge	5,581	111	185	369	231
Sironko	5,854	324	245	1,096	729
Amuria	19,812	8,877	6,110	4,535	7,931
Budaka	1,042	92	38		142
Bududa	3,511		58	326	163
Bukedea	1,414			64	279
Bukwo	901			472	
Butaleja	853	255	203		83
Kaliro	1,845	75	78	181	143
Manafwa	2,094		145	102	217
Namutumba	1,940	67		582	264
Adjumani	1,175	351	263	336	119
Apac	4,456	546	134	2,012	9,545
Arua	2,861	313	497	623	
Gulu	1,397	820	605	735	732
Kitgum	7,911	957	476	405	2,762
Kotido	296				
Lira	5,668	380	286	1,725	

District	Source of Service				
	NAADS	Other Gov't (Crops)	Other Gov't (Livestock)	Farmers Association	Others
Moroto	1,487	106			
Moyo	1,201	164		220	
Nebbi	5,389	1,538		1,460	2,771
Nakapiripirit	1,792			106	
Pader	17,306	140	519	2,305	377
Yumbe	953			232	202
Abim	2,307	1,589	1,266	558	478
Amolatar	1,289		36		105
Amuru	2,474	80		347	194
Dokolo	2,356	213	136	256	
Kaabong	4,255	724			444
Koboko	439	78	47	88	
Nyadri	2,228				102
Oyam	6,701	178	446	1,386	25,224
Bundibugyo	48			250	824
Bushenyi	17,227	746		779	362
Hoima	7,378	112	432	2,384	4,760
Kabale	12,610	1,425	193	1,601	3,000
Kabarole	6,311	136	269	822	
Kasese	6,431	79	21	612	390
Kibaale	12,888	171	65	610	1,235
Kisoro	3,472	525	119	511	222
Masindi	1,871	840	97	157	217
Mbarara	8,910	368	128	241	608
Ntungamo	3,832	492	98	408	
Rukungiri	9,925	661	301	667	
Kamwenge	2,021			253	
Kanungu	2,653	96			168
Kyenjojo	2,667	458	332	132	387
Buliisa	198	124			481
Ibanda	6,130	591		829	
Isingiro	6,253	672	362	494	249
Kiruhura	4,386	116		81	81

**Table A3.12: Number of Ag HHs reporting use of main source of agricultural information on Weather**

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kalangala	2,623	2,418							111			
Kampala	25,464	14,914	2,444			164			5,242			105
Kiboga	34,727	30,543		137					1,694			197
Luwero	31,967	28,547	37						1,704	84	56	
Masaka	86,820	64,610	1,738			108		119	14,275			136
Mpigi	70,399	55,760	765					4,126	7,237			108
Mubende	70,066	63,234				138		147	5,236			364
Mukono	94,070	76,723	1,694			110			11,149			932
Nakasongola	12,971	9,445							2,445	80		
Rakai	58,994	39,606	668						4,721	133	844	2,579
Ssembabule	31,708	24,749					68		869			
Kayunga	45,964	29,618							12,320	109		2,388
Wakiso	78,530	64,596	7,660		42	141		98	4,887			198
Lyantonde	9,313	8,613							700			
Mityana	45,306	41,563	477						2,161			426
Nakaseke	16,564	13,147	87						1,381			394
Bugiri	71,228	55,000		160					9,862			364
Busia	38,126	31,508	285			98			4,086	108		1,442
Iganga	87,916	69,319	54			169			3,516	221		1,248
Jinja	43,160	33,410	3,092	207				123	4,505	174		78
Kamuli	95,146	72,184						147	10,878			161
Kapchorwa	22,547	13,803							8,633			112
Katakwi	25,716	22,080							1,313	127		
Kumi	43,075	34,663				328		167	3,576			
Mbale	50,494	42,331	2,909						3,688			295
Pallisa	69,059	56,489	217			273			9,866	104		
Soroti	72,710	60,863							3,101			
Tororo	66,059	44,222				640		355	10,967	300		



District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kaberamaido	26,323	22,355	69					355	2,891	301		292
Mayuge	46,012	42,621							3,005	304		
Sironko	50,653	41,198	78						5,218	99		2,092
Amuria	37,228	31,183	126			97		175	4,040	183		
Budaka	26,297	19,785			71				5,601			258
Bududa	18,724	13,628							3,543	135		323
Bukedea	26,154	16,970				101		43	1,784			
Bukwo	22,164	19,583						161	460			
Butaleja	29,345	21,960	62						4,205	251	2,220	
Kaliro	28,600	22,808							4,440	365		273
Manafwa	44,167	38,110				91			5,068	102		139
Namutumba	28,982	26,758		77				143	944	227		
Adjumani	22,292	17,792						59	2,034	144		
Apac	69,996	60,280				303	223		7,640	169		
Arua	53,910	39,352	150	179		156			7,372			1,181
Gulu	34,047	31,801							1,308			
Kitgum	39,347	30,413							7,443	473		83
Kotido	19,311	7,295						373	5,810	106		374
Lira	85,968	74,562		2,384				488	5,146			215
Moroto	13,942	3,717							637			
Moyo	20,188	12,897				86			3,214			98
Nebbi	71,133	49,357	303	139	175	1,248		447	9,523	149		151
Nakapiripit	25,873	13,180					1,862		4,246		11	
Pader	50,951	45,599				557		195	218			955
Yumbe	42,913	26,917				132			5,225	139		
Abim	8,810	3,682			39	47	164	270	4,296	79		186
Amolatar	16,712	14,915				95		68	1,030	127		105
Amuru	35,614	33,141				93			1,310			100
Dokolo	26,370	20,901		293	146	645	73		1,542		79	145

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kaabong	19,657	5,981		75					5,832	389		23
Koboko	23,141	18,797	48						2,997	61	100	117
Nyadri	24,595	22,364							893			217
Oyam	50,931	44,764				84	140	396	4,871	239		111
Bundibugyo	20,158	11,886				72			1,712	21		906
Bushenyi	101,429	77,578	380	140				1,306	7,769	1,727	182	177
Hoima	50,684	47,833				58	111	140	1,737			330
Kabale	82,386	57,996	690					119	8,841			706
Kabarole	72,186	52,076	934						8,550	979		
Kasese	83,848	66,722		270		205		166	5,970	866		2,246
Kibaale	73,311	59,546	94					151	4,515			154
Kisoro	50,215	18,879						356	24,932	330		323
Masindi	45,282	34,214		128		2,887	81	259	4,818			
Mbarara	52,618	42,500	385					207	327			
Ntungamo	58,761	45,056				274		112	5,392	935	170	
Rukungiri	49,847	28,139	161			535	94		16,104	92		2,504
Kamwenge	52,014	36,280	426	124	268				4,377	120	811	
Kanungu	38,230	29,950							2,461	110	276	77
Kyenjojo	74,469	59,818							3,837	763	310	
Buliisa	8,223	6,404							702	27		119
Ibanda	34,150	27,966				83			2,067	93		92
Isingiro	55,535	47,504							3,412	310		
Kiruhura	30,646	22,423							7,476			

**Table A3.13: Number of Ag HHs reporting use of main source of agricultural information on Crop Varieties**

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kalangala	2,623	711						228	683	92		13
Kampala	25,464	8,904	818			164			9,622		50	333
Kiboga	34,727	8,955				148		1,483	8,467	2,781		291
Luwero	31,967	11,552	51	182		19		436	15,177	1,440	216	1,066
Masaka	86,820	28,079	133					4,089	39,412	2,456	266	73
Mpigi	70,399	21,272		269	448	675		2,619	21,861	8,890	274	111
Mubende	70,066	32,666		259				4,633	25,203	4,540		802
Mukono	94,070	25,678	243	237		741		3,600	41,993	4,454	1,371	1,229
Nakasongola	12,971	5,992						215	4,051	767		168
Rakai	58,994	17,391						2,415	21,401	2,724	785	
Ssembabule	31,708	6,826		78		157	68	4,344	12,336	2,585		
Kayunga	45,964	20,121	73			230		237	18,406	640	490	2,701
Wakiso	78,530	21,817	5,368	263	172	1,897	816	1,364	39,650	2,536	113	283
Lyantonde	9,313	2,810	126	103		46		269	4,195	1,376		
Mityana	45,306	16,730	428			360		1,989	15,500	3,279	349	369
Nakaseke	16,564	5,507	267			81		271	7,352	914	96	414
Bugiri	71,228	22,169	403	729		355		209	37,953	3,299	690	322
Busia	38,126	11,067	669			785			22,523	1,596		574
Iganga	87,916	28,964	306			155	122	1,542	28,961	7,704	5,544	662
Jinja	43,160	6,717	468					4,953	22,428	5,239	2,294	134
Kamuli	95,146	48,707						2,413	34,679	2,266	137	929
Kapchorwa	22,547	4,745	74	81				347	16,310	878	113	
Katakwi	25,716	13,380						1,675	5,453	1,586		320
Kumi	43,075	15,379				266		920	15,252	2,987		
Mbale	50,494	27,353	2,652		138	339		177	13,717	1,491	657	295
Pallisa	69,059	32,966						582	23,796	5,933		
Soroti	72,710	33,714	130			849		2,856	16,785	9,096	139	125
Tororo	66,059	24,850			135	403		659	18,752	4,777	410	2,272
Kaberamaido	26,323	9,844				142		2,347	7,588	3,394	740	292
Mayuge	46,012	10,155						428	27,731	5,231	1,186	306
Sironko	50,653	22,063	78					2,015	19,335	5,208		607
Amuria	37,228	10,548						9,420	4,988	11,422		
Budaka	26,297	7,672	119			702	306	860	14,097	1,153	138	
Bududa	18,724	5,221	58				41	708	8,714	1,874	140	

**Main source of agricultural information**

District	Ag HHs that responded	Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Bukedea	26,154	6,858	46			295		1,164	12,068	663		
Bukwo	22,164	5,764					165	1,018	10,244	1,229		
Butaleja	29,345	13,733	96					844	12,131	920	739	
Kaliro	28,600	9,668	261					145	13,878	1,683	202	644
Manafwa	44,167	19,792	198			91		405	19,587	1,460	290	421
Namutumba	28,982	11,505		87				322	7,675	2,431	306	88
Adjumani	22,292	5,655		97				4,734	5,261	2,221		
Apac	69,996	26,986	495	144		422		4,670	27,626	6,571	366	412
Arua	53,910	12,147		260		470	1,146	265	20,642	6,594	518	1,708
Gulu	34,047	22,208	1,670	124		172		556	7,701	661		
Kitgum	39,347	20,070			68			1,117	13,045	4,526	91	
Kotido	19,311	237						757	11,630	1,048		461
Lira	85,968	46,486				166		5,756	22,352	4,686	309	
Moroto	13,942	2,956							1,867	1,062		106
Moyo	20,188	6,395		282				1,385	7,058	1,493		
Nebbi	71,133	24,340		163		577		5,078	24,394	4,485	3,169	2,518
Nakapiripit	25,873	447	1,720	367		630		848	5,512	6,183	3,597	
Pader	50,951	9,007				520		9,413	8,140	9,984	509	7,756
Yumbe	42,913	17,307	2,880			520	119	519	9,399	1,310		469
Abim	8,810	657		39		117	39	1,210	4,646	1,870		186
Amolatar	16,712	7,411				167	59	948	3,832	2,343	74	
Amuru	35,614	17,596		668		369		2,189	9,476	3,101	182	319
Dokolo	26,370	7,717		146	293	997	74	706	11,198	2,843		517
Kaabong	19,657	1,692				155	75		1,820	7,485		661
Koboko	23,141	7,878						93	6,019	1,875	47	76
Nyadri	24,595	5,707				230		985	9,814	4,683		265
Oyam	50,931	18,768				201		4,480	20,613	4,029		354
Bundibugyo	20,158	5,356	150				65	84	7,186	651		1,257
Bushenyi	101,429	25,453	760	140	169	419		6,026	35,769	11,879	361	
Hoima	50,684	24,626		331				1,717	14,787	5,141	542	651
Kabale	82,386	19,370		280		76		5,170	40,253	4,958	123	1,192
Kabarole	72,186	27,125	623		311	132		1,024	29,711	3,501		
Kasese	83,848	23,422		208		150		531	26,722	12,639	159	6,418
Kibaale	73,311	33,526		536		82	94	1,206	21,274	6,259	1,906	443
Kisoro	50,215	1,844						799	43,606	3,301		97
Masindi	45,282	18,155	97	153		887	77	1,537	21,980	766		

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Mbarara	52,618	12,083	1,189		99	159	130	2,978	20,538	2,676	900	
Ntungamo	58,761	22,181	339	210		2,251	243	554	13,656	5,190	134	
Rukungiri	49,847	5,824		116		415		2,323	31,312	7,224	462	728
Kamwenge	52,014	17,082	237	108		202		209	23,408	2,421	965	
Kanungu	38,230	14,712				236		150	15,157	3,829		243
Kyenjojo	74,469	29,586	729			148		455	21,174	8,792	606	
Buliisa	8,223	3,206						39	3,015	86		242
Ibanda	34,150	8,088				802		1,347	15,643	3,581	704	258
Isingiro	55,535	22,644		142	142	343		2,828	14,658	3,954	244	
Kiruhura	30,646	8,108				81		714	15,103	1,588		720

**Table A3.14: Number of Ag HHs reporting use of main source of agricultural information on New Agricultural Practices**

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kalangala	3,659	785	36			28		232	528	161	21	13
Kampala	30,335	8,481	2,459		12	751		251	8,088			871

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kiboga	41,947	6,388		74				1,732	6,070	4,843	97	97
Luwero	41,438	10,907	94			65		535	10,755	1,220	226	190
Masaka	96,577	21,256	611			347		3,590	34,500	3,907	361	487
Mpigi	75,439	15,960	526			313	168	4,782	14,780	7,817	882	322
Mubende	88,141	28,020		55		125		5,114	24,088	6,482	209	1,543
Mukono	101,784	17,342	355			312	69	4,876	29,886	7,174	4,186	1,636
Nakasongola	20,241	5,611	52					420	3,705	975	38	127
Rakai	64,993	13,786			965			2,023	18,282	4,147	1,961	
Ssembabule	33,231	5,834				105	68	4,581	13,353	4,132		
Kayunga	50,831	18,069				73		521	13,390	1,095	672	1,755
Wakiso	81,940	17,236	3,719	760	214	2,483	1,492	1,654	40,757	2,400	341	542
Lyantonde	9,916	3,416		98		100		449	3,285	1,586	42	
Mityana	46,826	13,192	84			338		1,947	14,511	4,516	1,217	1,017
Nakaseke	19,875	5,679	118	32		146		433	5,274	1,058		551
Bugiri	73,864	23,136		85		82		1,050	23,112	3,674	105	42
Busia	39,019	9,693	438	192		585			21,035	2,487		630
Iganga	89,540	20,294	54	125			122	1,850	18,249	7,075	10,720	1,124
Jinja	44,591	4,190	827					4,622	21,299	5,870	3,359	135
Kamuli	97,522	39,696		166		156		3,699	32,193	6,274	1,127	1,278
Kapchorwa	24,873	2,799		25		70		1,329	16,044	1,935	25	299
Katakwi	26,075	6,239						2,481	6,356	5,551	139	1,056
Kumi	43,665	9,800				518		2,095	10,625	4,187		
Mbale	52,359	23,029	1,512			1,964		512	15,966	2,125	1,134	768
Pallisa	69,686	28,444				104		856	17,035	9,445		
Soroti	73,223	26,440	235	130		1,069		4,077	9,908	13,734	367	
Tororo	71,045	23,049			132	971	110	820	17,846	6,191	133	2,509
Kaberamaido	26,396	8,476				174		2,036	3,559	3,573	1,685	292
Mayuge	48,414	10,274				95		830	24,438	4,556	1,419	437
Sironko	54,861	17,749	169			118		2,613	16,744	3,799	221	607
Amuria	38,251	7,866				381	87	14,497	3,139	9,482		
Budaka	26,576	5,415	162		68	629	195	1,381	12,744	1,714		
Bududa	19,004	3,993				58		508	6,904	3,808	74	
Bukedea	26,294	2,412				438		1,780	7,931	2,380		
Bukwo	23,146	1,069				149	109	3,016	5,194	2,059		109
Butaleja	30,622	12,832				42		642	10,177	3,128	141	
Kaliro	30,581	10,844						141	10,463	1,929	493	345

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Manafwa	44,763	12,899	53			91		496	21,273	4,437	218	351
Namutumba	34,541	9,186		77				1,229	4,886	2,496	184	
Adjumani	24,364	4,232		68		88	180	4,626	3,453	2,318		97
Apac	81,939	19,310	173			577	144	5,166	23,552	8,935	130	834
Arua	62,729	11,427				964	1,267	919	19,377	6,774	505	1,749
Gulu	40,716	14,689	124	1,670		452		972	9,866	771		240
Kitgum	40,076	9,097			172	142		1,675	7,486	8,819	700	413
Kotido	21,683	421						1,422	885	344	383	293
Lira	90,491	40,576		292		470		4,644	24,171	1,602	1,272	733
Moroto	28,159	2,549			354				1,230	2,230		319
Moyo	22,260	3,412	127	67		86		845	2,447	2,262		
Nebbi	83,997	21,681	181			615	292	6,382	24,008	5,643	1,142	3,221
Nakapiripit	548	591		1,140	630	307	367	2,104	3,832	8,279	2,039	
Pader	69,716	5,805	113	140	141	176	260	4,589	3,428	9,317		206
Yumbe	45,710	11,524		2,588		375		649	8,121	2,235		134
Abim	9,777	1,072		39	117	134		1,353	3,932	1,849		106
Amolatar	17,208	5,893				133		1,546	2,390	3,376		105
Amuru	40,181	12,920				115		4,402	3,887	3,625	783	935
Dokolo	26,808	5,473	146	147	73	1,712	146	795	6,851	2,113		144
Kaabong	31,368	771						54	1,749	3,683	61	222
Koboko	23,886	5,958						197	3,737	2,067	98	43
Nyadri	53,091	3,389						991	7,177	6,181		1,351
Oyam	55,156	18,326				243	154	4,688	19,551	4,091	353	90
Bundibugyo	31,352	3,926				131		84	5,218	674		1,720
Bushenyi	131,515	29,898	2,745	498		1,275	281	4,169	26,758	21,296	412	183
Hoima	53,127	22,158	96	73	105	614		2,419	11,215	7,527	1,017	833
Kabale	83,815	19,702		178		530		4,443	32,372	7,999		1,158
Kabarole	75,452	23,338	178	121		714		539	35,967	4,024		163
Kasese	87,675	17,348	153	195		358	270	1,372	32,341	17,042	151	2,853
Kibaale	76,951	29,097			154	332		625	11,095	9,865	586	555
Kisoro	50,766	3,431				337	119	1,220	32,023	4,141	119	120
Masindi	48,008	15,680	97			948	258	1,172	20,197	2,335		
Mbarara	55,202	10,719	872	130		427	244	2,398	19,215	3,690		
Ntungamo	66,482	22,408		690		623	519	1,888	14,170	7,481		105
Rukungiri	49,847	8,606				869		3,470	20,683	6,912		309
Kamwenge	56,172	19,037	108	289	155			82	15,505	6,093	965	110

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kanungu	38,894	11,051		72	75	144		1,577	14,126	5,566		552
Kyenjojo	82,474	22,444		193		282	148	1,499	22,254	7,608	922	126
Buliisa	8,436	2,686						39	1,353	127		260
Ibanda	36,668	5,988				405		2,556	13,258	5,287	263	
Isingiro	57,506	21,643				440		606	11,834	6,189	1,723	123
Kiruhura	34,396	6,308				81		382	8,270	3,223		1,122



**Table A3.15: Number of Ag HHs reporting use of main source of agricultural information on Farm Machinery by district**

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Kalangala	3,659	732	25					70	240	19		13
Kampala	30,335	7,128	2,201			441	241	53	6,467		411	1,338
Kiboga	41,947	8,095						1,153	1,879	701	208	1,020
Luwero	41,438	5,440		161	152			241	7,029	263		
Masaka	96,577	16,039	90						20,266	226	6,826	624
Mpigi	75,439	12,806	114	113	99		427	4,743	10,574	3,444	3,747	401
Mubende	88,141	29,283	347			263	336	663	9,623	928		11,330
Mukono	101,784	16,695	608	122				434	7,934	2,579	6,211	1,711
Nakasongola	20,241	5,338							3,764	155		251
Rakai	64,993	17,713	324			295	108	1,308	8,779	727	1,240	190
Ssembabule	33,231	4,924				186	68	574	6,731	418	2,639	
Kayunga	50,831	11,663							6,420	332	202	782
Wakiso	81,940	17,412	4,358		280	1,079	1,720	719	25,008	294	407	5,226
Lyantonde	9,916	5,439		68		146		249	431	847		
Mityana	46,826	13,329	328	110		189	102	342	4,500	478	3,556	3,909
Nakaseke	19,875	5,205	86			289	81	440	3,075	633		495
Bugiri	73,864	19,881		438					13,528	2,662	211	94
Busia	39,019	10,673	420			327	118		17,925	1,924	95	779
Iganga	89,540	19,769	108	178		192		1,117	9,699	1,676	14,016	652
Jinja	44,591	7,528	2,374			285		4,069	8,491	2,649	2,963	135
Kamuli	97,522	21,970				151		902	24,904	2,055	4,570	2,764
Kapchorwa	24,873	3,165		24		334		778	17,426	244	49	456
Katakwi	26,075	5,628						955	3,158	5,290	222	110
Kumi	43,665	11,388			153	163		630	7,478	970	2,615	
Mbale	52,359	20,645	1,561			1,190		89	12,693	248	2,382	1,919
Pallisa	69,686	28,314				273			17,244	6,377		143
Soroti	73,223	22,199	109			1,754		7,781	9,447	6,282	349	130

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Tororo	71,045	14,259				154		802	9,479	2,360	244	3,650
Kaberamaido	26,396	10,637				174		1,179	2,194	1,502	1,954	365
Mayuge	48,414	12,648						480	19,369	1,391	1,683	175
Sironko	54,861	16,635	209			1,592	118	594	11,021	4,168	594	929
Amuria	38,251	9,487			228	437		6,134	6,075	10,051	126	184
Budaka	26,576	5,606	392			1,420	174	378	9,728	273	927	575
Bududa	19,004	1,749	46			194		424	927	356	250	65
Bukedea	26,294	6,367				108		1,200	1,472	658		108
Bukwo	23,146	159				466			3,460	232		
Butaleja	30,622	13,050				103		153	8,811	638	1,148	
Kaliro	30,581	8,048						181	7,582	806	1,781	1,476
Manafwa	44,763	12,312	53			238		108	4,013	954	1,917	3,670
Namutumba	34,541	9,545		77			217	407	2,873	394	1,148	
Adjumani	24,364	6,283				409	88	1,985	1,041	1,905		32
Apac	81,939	17,105				611		5,143	19,515	3,702	1,417	1,779
Arua	62,729	11,455		104		1,240	2,465	440	14,239	979	1,142	3,090
Gulu	40,716	17,060			1,670	389	303	532	3,412	188		240
Kitgum	40,076	9,920			87	154	105	109	3,706	5,713	2,789	435
Kotido	21,683	59						88	103			396
Lira	90,491	43,124				642	166	929	14,337	1,022	658	4,316
Moroto	28,159	956							319	1,062		1,699
Moyo	22,260	3,036		67		79			1,288	1,571	86	55
Nebbi	83,997	10,976	154		117	585		5,281	9,127	3,664	1,954	7,874
Nakapiripit	548	5,779				1,288		1,100	1,243	4,100	2,098	92
Pader	69,716	6,559				141		1,814	1,251	10,195		206
Yumbe	45,710	7,990				238		91	3,291	211		358
Abim	9,777	1,081	117				78	312	2,134	1,798	67	106
Amolatar	17,208	5,696				175		505	3,127	2,432	433	105
Amuru	40,181	11,019				207		2,142	2,941	1,496	3,815	2,230

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telephone	Internet	Newspapers	Magazines / Bulletins	Extension workers	Farmer to Farmer	NAADS	Agricultural shows	Other
Dokolo	26,808	4,806	73	219	147	1,534	73	1,213	2,047	974		141
Kaabong	31,368	1,479			75	75	75		171	503	75	1,415
Koboko	23,886	4,076				19		254	1,285	1,390		902
Nyadri	53,091	4,244				346			975	460		928
Oyam	55,156	21,993				154	84	513	17,231	1,924	848	1,271
Bundibugyo	31,352	960				72			3,104			2,218
Bushenyi	131,515	20,649		281		2,168	340	1,372	8,101	5,815	769	5,302
Hoima	53,127	19,272		109		1,227	217	2,641	11,351	4,738	763	3,939
Kabale	83,815	5,857	119			1,423	159	3,229	20,230	1,504	193	1,998
Kabarole	75,452	22,104	231			164		311	9,515	1,078	3,565	3,558
Kasese	87,675	11,405	153	345		313	104	1,506	20,294	620		8,395
Kibaale	76,951	26,290		344		177	142	143	11,035	1,512		106
Kisoro	50,766	1,400						639	9,474	813		130
Masindi	48,008	16,691	177			3,518	386	2,237	16,072		168	120
Mbarara	55,202	10,694	899	94		563	214	1,048	11,127	2,590	709	99
Ntungamo	66,482	9,634				1,175		653	12,275	3,855	1,377	163
Rukungiri	49,847	5,523				693	161	678	9,744	2,141		105
Kamwenge	56,172	22,463		148				108	9,877	1,455	811	494
Kanungu	38,894	5,308	127			216	159	909	3,886	970		265
Kyenjojo	82,474	12,405				426		242	12,345	463		1,525
Buliisa	8,436	871						77	280	53		429
Ibanda	36,668	4,322		86		1,913	195	399	10,411	1,438	186	390
Isingiro	57,506	17,163				634			6,517	954		85
Kiruhura	34,396	3,465	101	101	81			95	6,915	413		2,423

**Table A3.16: Number of Ag HHs reporting use of main source of agricultural information on Credit Facilities by district**

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telenovels	Internet	Newspapers	Magazines / Bulletins	Extension	Farmer	NAADS	Agricultural	Other
Kalangala	3,659	1,022	11	36		23		166	100	90		
Kampala	30,335	3,433	78			176	38	38	7,737			1,085
Kiboga	41,947	8,281						524	7,545	168		1,358
Luwero	41,438	7,389	19	308				182	11,336		166	1,572
Masaka	96,577	29,099				220		2,201	18,919	1,102		1,234
Mpigi	75,439	20,455				141		729	14,521	2,196	224	493
Mubende	88,141	29,178	55	138		125		1,364	24,365	2,329		6,754
Mukono	101,784	23,058	69			582			11,956	5,598	533	2,962
Nakasongola	20,241	5,671						294	3,233	330		162
Rakai	64,993	20,955						714	9,100	2,082	380	3,312
Ssembabule	33,231	4,874				94	148	771	8,681	2,062		447
Kayunga	50,831	17,470						208	7,759	715	109	845
Wakiso	81,940	28,765	2,018			2,335	199	469	26,885	216		458
Lyantonde	9,916	4,471				79		175	2,899	300		
Mityana	46,826	14,366	376	159		574		310	7,251	297	135	5,475
Nakaseke	19,875	5,648				84		365	3,447	701		220
Bugiri	73,864	20,548	578	330				438	10,860	1,639		267
Busia	39,019	11,777		96		444		293	19,959	1,032		608
Iganga	89,540	33,825	54	507				333	12,584	529	3,220	1,717
Jinja	44,591	17,549	2,834			93		108	18,941	376	107	
Kamuli	97,522	30,390				156		1,191	23,856	346		1,462
Kapchorwa	24,873	3,388				505	21	1,134	16,889	215		324
Katakwi	26,075	8,517				96		976	6,387	41		966
Kumi	43,665	9,371		323		1,542	339	479	10,740	619		123
Mbale	52,359	25,716	1,013			100			11,831	101		2,274
Pallisa	69,686	35,944			142	662		128	17,419	4,110		285
Soroti	73,223	29,941		290		448	431	3,679	10,453	6,150	104	2,862
Tororo	71,045	16,781	117			132	147		14,370	2,222		776
Kaberamaido	26,396	13,457				142		287	6,512	79		290
Mayuge	48,414	21,826		219				948	14,665	788	234	701
Sironko	54,861	16,346	78			164		301	12,375	5,085		2,178
Amuria	38,251	19,206			87	196		4,093	4,329	5,022		740
Budaka	26,576	10,961		71		535	77	77	8,364	202		260
Bududa	19,004	2,446				64		1,094	1,211	785	248	
Bukedea	26,294	4,988						961	2,903	1,107		108
Bukwo	23,146	4,787		201		357		261	3,449	561		505
Butaleja	30,622	13,993				103	80	187	10,354	339	75	
Kaliro	30,581	11,260				106			8,469	712		854
Manafwa	44,763	15,392	91			70		70	9,840	147	94	658
Namutumba	34,541	11,359		77				224	3,187	998		69
Adjumani	24,364	9,915				114		635	1,198	422		463
Apac	81,939	25,213		223		975		1,576	17,884	992	126	1,040
Arua	62,729	10,601		290		261	747	2,555	20,861	715	253	2,305

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telenh	Interne	News-papers	Magazines / Bulletins	Extension	Farmer	NAADS	Agricultur	Other
Gulu	40.716	19.087		172		1.410	112	383	5.847	2.039		501
Kitgum	40.076	14.692						348	6.846	1.236	91	514
Kotido	21.683	141										439
Lira	90.491	44.283						1,750	13.258	1.384	302	704
Moroto	28.159	1.434							743	425		1.699
Moyo	22.260	8.371		136		131	26	266	3.199	885		
Nebbi	83.997	13.631				635		1,575	19.356	4.221		6.914
Nakapiripi-t	548	3.640				1.454	210	2,001	8.602	2.274	45	570
Pader	69.716	7.192						8,085	2.416	3.481	140	496
Yumbe	45.710	9.386				335	119	270	4.606	436		541
Abim	9.777	1.396		117				1,276	2.547	117		106
Amolatar	17.208	6.808		95		169		526	2.963	1.329		619
Amuru	40.181	8.884				606	99	1,394	9.922	566	313	3.643
Dokolo	26.808	7.656	366		219	315		76	2.286	1.361		149
Kaabong	31.368	1.592				75			257	396	75	1.306
Koboko	23.886	5.424				63		366	2.595	335	35	205
Nyadri	53.091	5.599				115			1.413	618		369
Oyam	55.156	28.099				295	100	715	12.356	1.557		3.011
Bundibugyo	31.352	1.138						125	5.339	84		1.826
Bushenyi	131.515	21.280		561		1.015	140	2,909	26.024	8.792	177	3.647
Hoima	53.127	23.633	725	512	110	3.452	605	1,576	11.245	834		2.271
Kabale	83.815	14.025		84		178		932	24.349	5.236		5.875
Kabarole	75.452	34.365	233			374		125	12.170	1.206		
Kasese	87.675	20.454	153	329	128	253		266	26.071	2.025		6.532
Kibaale	76.951	28.472		104		182		784	16.198	1.809		1.258
Kisoro	50.766	2.670	74			205		229	17.649	807		473
Masindi	48.008	28.645				81	81	207	9.097			
Mbarara	55.202	14.506	170			216	464	544	10.206	1.911	1.950	
Ntungamo	66.482	14.999				1.024	250	406	14.179	3.503	162	100
Rukungiri	49.847	6.756				1.099		2,146	14.961	1.004	91	198
Kamwenge	56.172	23.090	289	148		155		128	12.593	2.496	927	1.992
Kanungu	38.894	15.177				216	78	73	5.457	1.343		2.168
Kyenjojo	82.474	27.939				148		936	9.563	988		
Buliisa	8.436	2.325						33	399			274
Ibanda	36.668	6.238				1.629	83	275	14.399	2.178		2.438
Isingiro	57.506	19.070				85		241	8.630	1.090		
Kiruhura	34.396	3.837						171	8.130	688	90	1.700

**Table A3.17: Number of Ag HHs reporting use of main source of agricultural information on Plant Diseases**

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telenb	Interne	News-papers	Magazines / Bulletins	Extension	Farmer	NAADS	Agricultur	Other
Kalangala	3,650	577				80		160	976	128	9	10
Kampala	30,335	8,292	25			284	113		9,277		12	1,134
Kiboga	41,947	8,609						2,297	10,335	2,813		1,379
Luwero	41,438	7,325		182		37		654	15,711	924	291	212
Masaka	96,577	25,393				100		7,062	37,052	905		73
Mpigi	75,439	22,930	313			168	168	2,496	30,600	5,843	681	613
Mubende	88,141	23,802				125		3,463	35,876	3,520		1,487
Mukono	101,784	17,274	421				182	2,487	57,876	3,610	261	1,289
Nakasongola	20,241	6,631		43				68	4,543	123	38	
Rakai	64,993	17,738				168		3,206	22,311	2,253	1,189	78
Ssembabule	33,231	7,824				105	68	4,237	10,321	1,799		
Kayunga	50,831	15,938	462					224	23,410	304	193	1,804
Wakiso	81,940	20,886	3,589		42	1,778		2,533	45,901	1,542	472	351
Lyantonde	9,916	3,682						546	3,558	1,409	46	
Mityana	46,826	15,886	538		135	135		1,585	20,957	2,327	135	369
Nakaseke	19,875	4,670	108			62	143	344	9,612	473		304
Bugiri	73,864	15,604			26		62	574	27,690	3,492		416
Busia	39,019	9,445		118		421	637	202	24,985	1,930	95	187
Iganga	89,540	26,876				174	122	2,871	22,911	6,447	6,465	694
Jinja	44,591	8,288						2,263	22,534	5,499	156	57
Kamuli	97,522	47,487		181		156		2,174	35,664	4,117	482	211
Kapchorwa	24,873	2,894				24		1,640	17,174	608	97	112
Katakwi	26,075	14,107						2,106	5,691	987	98	579
Kumi	43,665	13,625				799	154	1,079	16,143	1,366		
Mbale	52,359	19,439	1,615	63		145		433	24,201	1,911	343	213
Pallisa	69,686	29,804	109	236		630		855	31,558	2,364		399
Soroti	73,223	32,319		156		366	130	6,450	15,799	3,374		177
Tororo	71,045	23,197		117				1,338	21,333	4,751	435	547
Kaberamaido	26,396	10,620				911	65	1,736	5,371	1,556	1,406	292
Mayuge	48,414	8,120						1,212	30,367	2,439	2,061	217
Sironko	54,861	17,176	78	106		251		2,133	20,880	5,588	247	1,149
Amuria	38,251	6,671				126		13,015	10,050	5,993	191	
Budaka	26,576	8,248	81	38		928	588	601	10,419	416		
Bududa	19,004	4,090					181	2,015	8,641	1,188		80
Bukedea	26,294	7,880				539	46	1,158	11,410	408	72	154
Bukwo	23,146	7,009						1,059	5,086	1,198	2,079	
Butaleja	30,622	12,333	146					651	12,063	419	155	
Kaliro	30,581	10,788						370	13,764	1,250	230	894
Manafwa	44,763	13,826				159	84	577	23,885	1,852	145	139
Namutumba	34,541	11,857					82	635	11,576	2,666	75	
Adjumani	24,364	4,126				34	97	5,044	5,347	1,687		180
Apac	81,939	23,536		173		370		7,918	27,697	5,777	1,309	143

District	Ag HHs that respond	Main source of agricultural information										
		Radio	Television	Telenb	Interne	News-papers	Magazines / Bulletins	Extension	Farmer	NAADS	Agricultur	Other
Arua	62.729	12.498	150	439		281	651	1,223	27.590	3.076	104	2.352
Gulu	40.716	21.879	124				1.746	1,182	7.076	450		140
Kitgum	40.076	11.521					209	887	6.608	6.728	120	291
Kotido	21.683	103						571	2.496	658		352
Lira	90.491	35.251				166		4,086	35.597	6.061	421	600
Moroto	28.159	1.938							1.726	956		
Moyo	22.260	5.223	40	54				1,723	5.256	1.130	86	
Nebbi	83.997	19.657				767		3,249	21.604	6.636		1.250
Nakapiripit	548	2.016	420			420	460	1,495	5.349	6.258	2.405	184
Pader	69.716	8.317	113			176		10,112	3.499	2.588		360
Yumbe	45.710	15.579				271	898	542	9.550	2.089	771	391
Abim	9.777	435				52		1,866	3.383	1.246		106
Amolatar	17.208	7.621				601	74	475	3.565	1.521		210
Amuru	40.181	13.942				115	690	2,534	8.614	2.959	246	1.669
Dokolo	26.808	6.348	73	160	73	1.652	293	857	8.723	2.024		
Kaabong	31.368	554	75			75		245	298	3.556	1.674	272
Koboko	23.886	9.990						201	7.411	1.845	58	38
Nyadri	53.091	3.997						643	11.726	3.802		799
Oyam	55.156	18.830				121	123	3,511	23.045	4.088		506
Bundibugyo	31.352	5.517						1,380	10.826	654	48	1.427
Bushenyi	131.515	24.928	281	1.795		183	281	7,722	31.985	12.788	206	188
Hoima	53.127	17.847			110	97	67	2,816	19.177	6.051	557	1.055
Kabale	83.815	25.230		318		210		5,241	36.362	5.572		476
Kabarole	75.452	29.084	224		311	195		1,164	29.593	3.668		239
Kasese	87.675	35.480						1,927	23.650	6.406	1.226	2.554
Kibaale	76.951	23.440		202		276		905	28.054	5.685	154	254
Kisoro	50.766	4.148	74			234	115	902	37.852	2.424		
Masindi	48.008	19.999				1.426		1,599	18.321	242		
Mbarara	55.202	22.791	391			380	589	2,664	15.854	2.779	790	
Ntungamo	66.482	22.920			165	1.405	362	1,771	12.654	5.832	284	
Rukungiri	49.847	16.078				366		3,104	23.370	4.628	607	467
Kamwenge	56.172	19.077		155		114	309	508	23.179	992	945	307
Kanungu	38.894	16.399				144	78	1,136	14.910	3.209	81	657
Kyenjojo	82.474	28.870				296	2.794	1,871	23.431	7.718	616	
Buliisa	8.436	3.299				26		230	2.866	71		119
Ibanda	36.668	9.603				472	89	1,585	10.623	5.752	83	86
Isingiro	57.506	19.733						975	16.455	3.461	2.229	
Kiruhura	34.396	12.497		81		81		185	10.745	1.288	90	644

**Table A3.18: Number of Ag HHs reporting use of main source of agricultural information on Marketing**

District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telenovels	Internet	News-papers	Magazines / Bulletins	Extension	Farmer	NAADS	Agricultural	Other
Kalangala	3,650	225	13	12				79	1,380	57		36
Kampala	30,335	7,067	366			397			8,955			1,119
Kiboga	41,947	4,254		4,544				1,104	20,861	567		214
Luwero	41,438	8,311	84	983	18			98	9,339	323	160	8,024
Masaka	96,577	20,237	100				144	567	57,547	181		1,002
Mpigi	75,439	16,807	126	739	313	155		1,369	39,260	3,718	339	248
Mubende	88,141	15,276	241	849		135		1,623	47,115	3,229		364
Mukono	101,784	11,521	87	348	193	87	193	431	56,088	2,193	1,035	1,954
Nakasongola	20,241	5,482				79			4,946	125		84
Rakai	64,993	23,376	108	97				279	20,512	803	1,620	150
Ssembabule	33,231	5,931		69			68	233	19,113	748		252
Kayunga	50,831	12,872		1,539		553		104	21,665	644	111	1,108
Wakiso	81,940	26,082	4,494	103	145	981	174	892	33,426	233	163	935
Lyantonde	9,916	3,789		87				32	4,425	377		
Mityana	46,826	13,965	393		271	395		176	21,920	177	91	1,517
Nakaseke	19,875	3,953	137	51		51		368	9,494	686		444
Bugiri	73,864	10,506		895					44,879	638		175
Busia	39,019	7,795				212			25,284	1,550		1,610
Iganga	89,540	16,248	317	899		94		853	41,926	3,160	420	3,242
Jinja	44,591	9,008	1,692	207		34	49	3,024	24,829	695	76	57
Kamuli	97,522	31,302		903				1,050	40,466	1,160	137	6,191
Kapchorwa	24,873	3,715						1,080	17,252	282		
Katakwi	26,075	12,590				55		670	3,607	944	124	583
Kumi	43,665	12,775		342		1,149	330	280	20,825	1,341		111
Mbale	52,359	17,016	310	234		174	238		27,729	299	1,301	1,295
Pallisa	69,686	27,851	362	131		507		149	32,645	2,920		1,308
Soroti	73,223	26,560		313		663	710	3,549	21,580	2,478		
Tororo	71,045	17,810		233		135		297	25,103	2,189	117	469
Kaberamaido	26,396	17,056				198		746	6,201	552		219
Mayuge	48,414	7,351		175			80	202	32,304	1,461	129	88
Sironko	54,861	20,496	78			243	123	164	16,160	1,819	111	4,809
Amuria	38,251	17,046	87			196		1,095	12,084	2,762	189	88
Budaka	26,576	8,397		382		221		157	13,984	274	77	735
Bududa	19,004	1,286		58			41	287	10,981	695	170	
Bukedea	26,294	5,721						362	6,638	479	318	215
Bukwo	23,146	959				122			11,594	359		327
Butaleja	30,622	13,082				103			12,469	387		
Kaliro	30,581	8,233						72	16,925	549		339
Manafwa	44,763	14,356				70			25,646	296	103	421
Namutumba	34,541	13,495		148				399	8,373	650	87	106
Adjumani	24,364	8,069				85		180	5,425	1,952		226
Apac	81,939	35,187	95			579	387	126	27,176	564	686	2,110



District	Ag HHs that responded	Main source of agricultural information										
		Radio	Television	Telenovels	Internet	Newspapers	Magazines / Bulletins	Extension	Farmer	NAADS	Agricultural extension	Other
Arua	62.729	11.829				156	103	438	23.748	1.618	645	2.691
Gulu	40.716	23.134		172			76	1,670	7.217	63	389	
Kitgum	40.076	15.095						213	6.944	1.298	913	329
Kotido	21.683	87							2.951	127	114	249
Lira	90.491	45.425	157			331		1,788	22.339	600	416	139
Moroto	28.159	1.593							2.044	212		531
Moyo	22.260	4.534		495			85	285	5.052	962	149	44
Nebbi	83.997	28.446	154	154		781	148	4,628	16.528	2.601		597
Nakapiripit	548	2.249				577	210	864	10.647	1.405	2.750	
Pader	69.716	6.804		140		47		8,773	2.651	4.025		1.539
Yumbe	45.710	10.291	119			370		452	8.672	2.798	477	187
Abim	9.777	975		1.184				277	3.417	24		106
Amolatar	17.208	7.379		105		64		302	5.674	655	1.260	
Amuru	40.181	14.975	596	93		222	199	215	14.047	334	1.064	1.883
Dokolo	26.808	9.510		73	147	182	440	141	11.660	2.209		229
Kaabong	31.368	1.574					150		1.482	262	75	601
Koboko	23.886	7.896							5.664	529	35	1.506
Nyadri	53.091	7.473						574	9.558	2.124		1.124
Oyam	55.156	22.932		901		121	141	691	22.456	1.248		2.215
Bundibugyo	31.352	6.161						1,970	6.277	440		1.747
Bushenyi	131.515	38.809		1.027		773	331	1,973	32.010	4.631		2.806
Hoima	53.127	23.595	109	1.645	110	1.538	208	574	13.486	1.776	4.721	1.542
Kabale	83.815	10.543	84	2.206		150		770	34.327	6.983		2.800
Kabarole	75.452	28.621	227		311	352		300	29.241	1.132		
Kasese	87.675	26.683		490		40		457	33.319	4.154		2.336
Kibaale	76.951	24.332	202	780		276	177	555	28.994	1.982	141	467
Kisoro	50.766	1.564		74		234		206	23.120	1.410		116
Masindi	48.008	25.643		982				447	15.102	578	128	
Mbarara	55.202	26.502	585			342	320	2,168	9.461	1.035	565	
Ntungamo	66.482	13.844	105	433		772	122	829	16.256	2.007	130	66
Rukungiri	49.847	16.182		665		600		1,399	21.780	1.430	327	587
Kamwenge	56.172	14.264	155	590					29.094	608	811	
Kanungu	38.894	23.168		73				188	10.215	725		346
Kyenjojo	82.474	19.071		298		296	157	4,075	23.028	433		1.386
Buliisa	8.436	5.457		14				43	1.838	17		76
Ibanda	36.668	7.505		83		1.119	290	392	15.535	1.462	524	1.171
Isingiro	57.506	20.566		662				358	17.367	721	121	
Kiruhura	34.396	4.822		162				176	15.478	681		2.674

**Table A3.19: Number and percent of Ag HHs reporting having Access to Credit**

District	Ag HHs that responded	Ag HHs that accessed credit over past 5 years	% Within district
Kalangala	2,623	67	2.5
Kampala	25,464	800	3.1
Kiboga	34,727	3,157	9.1
Luwero	31,967	3,468	10.8
Masaka	86,820	5,650	6.5
Mpigi	70,399	6,748	9.6
Mubende	70,066	9,872	14.1
Mukono	94,070	5,631	6.0
Nakasongola	12,971	712	5.5
Rakai	58,994	8,420	14.3
Ssembabule	31,708	5,930	18.7
Kayunga	45,964	2,051	4.5
Wakiso	78,530	6,974	8.9
Lyantonde	9,313	1,279	13.7
Mityana	45,306	2,043	4.5
Nakaseke	16,564	1,186	7.2
Bugiri	71,228	2,721	3.8
Busia	38,126	2,724	7.1
Iganga	87,916	8,077	9.2
Jinja	43,160	19,923	46.2
Kamuli	95,146	7,269	7.6
Kapchorwa	22,547	992	4.4
Katakwi	25,716	7,131	27.7
Kumi	43,075	3,610	8.4
Mbale	50,494	1,368	2.7
Pallisa	69,059	2,935	4.3
Soroti	72,710	9,419	13.0
Tororo	66,059	4,852	7.3
Kaberamaido	26,323	3,764	14.3
Mayuge	46,012	2,108	4.6
Sironko	50,653	3,728	7.4
Amuria	37,228	5,733	15.4
Budaka	26,297	2,053	7.8
Bududa	18,724	2,317	12.4
Bukedea	26,154	2,154	8.2
Bukwo	22,164	2,631	11.9
Butaleja	29,345	375	1.3
Kaliro	28,600	1,060	3.7
Manafwa	44,167	1,136	2.6
Namutumba	28,982	1,039	3.6
Adjumani	22,292	5,932	26.6
Apac	69,996	1,432	2.0
Arua	53,910	5,564	10.3
Gulu	34,047	3,242	9.5
Kitgum	39,347	1,526	3.9
Kotido	19,311		0.0
Lira	85,968	1,243	1.4
Moroto	13,942		0.0
Moyo	20,188	4,322	21.4

<b>District</b>	<b>Ag HHs that responded</b>	<b>Ag HHs that accessed credit over past 5 years</b>	<b>% Within district</b>
Nebbi	71,133	9,397	13.2
Nakapiripirit	25,873		0.0
Pader	50,951	2,876	5.6
Yumbe	42,913	1,237	2.9
Abim	8,810	329	3.7
Amolatar	16,712	1,209	7.2
Amuru	35,614	806	2.3
Dokolo	26,370	392	1.5
Kaabong	19,657	642	3.3
Koboko	23,141	2,218	9.6
Nyadri	24,595	667	2.7
Oyam	50,931	3,471	6.8
Bundibugyo	20,158	1,428	7.1
Bushenyi	101,429	8,401	8.3
Hoima	50,684	10,340	20.4
Kabale	82,386	21,517	26.1
Kabarole	72,186	6,096	8.4
Kasese	83,848	18,586	22.2
Kibaale	73,311	9,058	12.4
Kisoro	50,215	7,443	14.8
Masindi	45,282	3,619	8.0
Mbarara	52,618	7,380	14.0
Ntungamo	58,761	5,714	9.7
Rukungiri	49,847	4,381	8.8
Kamwenge	52,014	12,037	23.1
Kanungu	38,230	4,692	12.3
Kyenjojo	74,469	11,011	14.8
Buliisa	8,223	235	2.9
Ibanda	34,150	5,807	17.0
Isingiro	55,535	7,223	13.0
Kiruhura	30,646	2,437	8.0

**Table A3.20: Number of Ag HHs that needed to provide Collateral / Security**

<b>District</b>	<b>Ag HHs that reported having accessed credit over past 5 years</b>	<b>Ag HHs that needed to provide collateral</b>	<b>% within district</b>
Kalangala	67	49	74.1
Kampala	800	636	79.5
Kiboga	3,157	1,732	54.9
Luwero	3,468	1,487	42.9
Masaka	5,650	3,864	68.4
Mpigi	6,748	5,748	85.2
Mubende	9,872	8,366	84.7
Mukono	5,631	3,728	66.2
Nakasongola	712	496	69.7
Rakai	8,420	7,449	88.5
Ssembabule	5,930	5,232	88.2
Kayunga	2,051	1,757	85.7
Wakiso	6,974	4,923	70.6
Lyantonde	1,279	1,135	88.7
Mityana	2,043	1,190	58.2
Nakaseke	1,186	640	53.9
Bugiri	2,721	1,674	61.5
Busia	2,724	809	29.7
Iganga	8,077	5,504	68.1
Jinja	19,923	16,882	84.7
Kamuli	7,269	5,816	80.0
Kapchorwa	992	842	84.9
Katakwi	7,131	6,566	92.1
Kumi	3,610	2,204	61.1
Mbale	1,368	1,072	78.3
Pallisa	2,935	1,335	45.5
Soroti	9,419	6,957	73.9
Tororo	4,852	3,798	78.3
Kaberamaido	3,764	2,037	54.1
Mayuge	2,108	1,378	65.4
Sironko	3,728	2,733	73.3
Amuria	5,733	4,691	81.8
Budaka	2,053	1,143	55.7
Bududa	2,317	2,053	88.6
Bukedea	2,154	1,883	87.4
Bukwo	2,631	1,998	75.9
Butaleja	375	236	63.0
Kaliro	1,060	186	17.6
Manafwa	1,136	944	83.0
Namutumba	1,039	496	47.8
Adjumani	5,932	5,464	92.1
Apac	1,432	1,432	100.0
Arua	5,564	4,351	78.2
Gulu	3,242	1,992	61.5
Kitgum	1,526	357	23.4
Kotido			
Lira	1,243	740	59.6

<b>District</b>	<b>Ag HHs that reported having accessed credit over past 5 years</b>	<b>Ag HHs that needed to provide collateral</b>	<b>% within district</b>
Moroto			
Moyo	4,322	2,897	67.0
Nebbi	9,397	4,800	51.1
Nakapiripirit			
Pader	2,876	2,546	88.5
Yumbe	1,237	1,237	100.0
Abim	329	329	100.0
Amolatar	1,209	1,046	86.5
Amuru	806	710	88.0
Dokolo	392	304	77.7
Kaabong	642	480	74.8
Koboko	2,218	1,189	53.6
Nyadri	667	464	69.6
Oyam	3,471	3,241	93.4
Bundibugyo	1,428	1,145	80.2
Bushenyi	8,401	7,804	92.9
Hoima	10,340	8,231	79.6
Kabale	21,517	15,572	72.4
Kabarole	6,096	5,075	83.3
Kasese	18,586	12,945	69.6
Kibaale	9,058	7,379	81.5
Kisoro	7,443	5,096	68.5
Masindi	3,619	1,523	42.1
Mbarara	7,380	6,389	86.6
Ntungamo	5,714	4,745	83.0
Rukungiri	4,381	4,206	96.0
Kamwenge	12,037	11,405	94.8
Kanungu	4,692	4,128	88.0
Kyenjojo	11,011	8,067	73.3
Buliisa	235	182	77.6
Ibanda	5,807	4,978	85.7
Isingiro	7,223	5,200	72.0
Kiruhura	2,437	2,184	89.6

**Table A3.21. Number of Ag HHs by type of collateral used and district**

District	Ag HHs that reported	Land title	Crops	Livestock	Character	Salary
Kalangala	32		19	13		
Kampala	287			237		50
Kiboga	1,552	794	166	233	222	137
Luwero	1,344	210	272		749	113
Masaka	3,591	892		664	1,947	88
Mpigi	5,950	1,968	580	980	1,600	823
Mubende	7,617	611	3,591	745	2,133	537
Mukono	2,909	1,197	177	584	824	128
Nakasongola	373	172		201		
Rakai	6,590	584	4,209	234	1,262	301
Ssembabule	5,251	1,535	1,515	953	758	491
Kayunga	1,152		309	729		114
Wakiso	3,717	716		442	1,433	1,127
Lyantonde	1,169	341		68	610	150
Mityana	1,523	217	651	111	544	
Nakaseke	409	110	54	104		142
Bugiri	1,547	273	1,045			229
Busia	816	223	108	115	58	312
Iganga	4,981	2,322	801	446	734	678
Jinja	19,519	2,993	414	2,659	9,800	3,653
Kamuli	5,604	1,506	1,040	1,027	1,215	816
Kapchorwa	842	288	83	266		206
Katakwi	7,263	219	206	859	5,705	273
Kumi	3,328	604	245	1,531	621	328
Mbale	1,189	734	105	88	183	79
Pallisa	1,452	252	479	276		445
Soroti	6,430	627	653	3,382	564	1,204
Tororo	5,146	262	1,251	743	2,312	577
Kaberamaido	1,895	73	145	1,462	77	138
Mayuge	1,112	771	88		253	
Sironko	2,581	211	1,369	598	123	279
Amuria	2,246	89	512	909	483	253
Budaka	1,066	510	76	143	77	259
Bududa	2,151	515	205	539	676	217
Bukedea	2,447	173	732	796	43	702
Bukwo	1,920		1,392	32	168	328
Butaleja	236	80		79		78
Kaliro	186		98			88
Manafwa	1,149	350	115	484	97	102
Namutumba	421	178	110		133	
Adjumani	5,570	2,392	587	1,740	700	151
Apac	1,173	381	139	389	169	95
Arua	4,247	699	2,106	483	460	500
Gulu	2,968	1,107	124	535	754	447
Kitgum	488	131	160	197		
Kotido	0					
Lira	569			264		305
Moroto	956		106	212	637	
Moyo	3,824	857	299	1,529	929	210
Nebbi	4,756	689	2,426	1,502		139

<b>District</b>	<b>Ag HHs that reported</b>	<b>Land title</b>	<b>Crops</b>	<b>Livestock</b>	<b>Character</b>	<b>Salary</b>
Nakapiripirit	0					
Pader	3,122	1,279	141	512	697	493
Yumbe	1,765		187	661	916	
Abim	538	104	173	210		52
Amolatar	1,317	321	61	724		211
Amuru	617	617				
Dokolo	302	153		77		73
Kaabong	419	247		172		
Koboko	1,566	132	450	734	198	52
Nyadri	464		115	125	108	117
Oyam	3,787	253	289	632	2,498	115
Bundibugyo	996	854				141
Bushenyi	10,941	4,631	2,985	2,373	794	157
Hoima	6,389	4,434	1,097		160	698
Kabale	14,174	5,286	923	868	6,454	643
Kabarole	5,210	2,771	516	833	650	439
Kasese	11,860	1,587	4,862	2,380	1,248	1,783
Kibaale	5,882	2,759	1,296	442	1,102	283
Kisoro	4,643	3,424		581	95	542
Masindi	1,264	672	214	290		88
Mbarara	6,742	3,367	362	419	2,035	559
Ntungamo	4,473	2,091	1,000	151	1,132	98
Rukungiri	3,652	1,878	488	597	180	509
Kamwenge	9,408	3,992	1,247	661	3,067	441
Kanungu	3,453	1,748	1,013	300		392
Kyenjojo	7,358	2,880	2,102	1,251	415	710
Buliisa	182	105	33	43		
Ibanda	4,032	1,945	1,187	52	566	282
Isingiro	4,337	2,023	899	127	1,039	250
Kiruhura	2,583	657	1,175	408	182	162

**Table A3.22. Number of Ag HHs by reasons for not receiving any loan or credit in the last 5 years and district**

District	Ag HHs that reported	No need for loans	Unavailability of lending facility	Lack of collateral /security	High Interest Rate	Not profitable	Ignorance	Negative past experience
Kalangala	4,153	301	901	796	793	664	620	77
Kampala	12,371	4,271	896	3,037	1,700	1,032	154	1,282
Kiboga	40,037	6,312	1,938	5,902	11,870	5,949	5,915	2,151
Luwero	23,656	6,238	2,067	3,441	5,493	4,091	1,419	909
Masaka	93,047	20,607	9,480	20,473	17,235	8,130	10,526	6,596
Mpigi	116,449	20,161	13,092	13,067	18,094	15,121	20,194	16,721
Mubende	143,400	21,542	7,171	15,746	32,639	19,639	20,839	25,826
Mukono	136,327	23,469	18,161	26,380	24,674	13,528	14,817	15,300
Nakasongola	10,632	891	2,409	1,651	793	663	3,451	774
Rakai	66,701	8,719	4,407	12,236	20,811	9,013	8,858	2,658
Ssembabule	33,977	5,648	1,189	4,608	9,995	3,082	2,542	6,911
Kayunga	65,111	13,651	902	14,232	15,303	7,599	7,553	5,871
Wakiso	114,392	9,403	8,694	19,723	26,198	13,710	15,280	21,385
Lyantonde	13,340	927	743	2,723	2,949	1,884	2,223	1,891
Mityana	48,850	13,466	3,768	9,408	12,393	2,448	5,421	1,945
Nakaseke	15,629	848	1,718	3,507	4,373	1,895	2,029	1,261
Bugiri	10,472	878	2,356	903	647	374	4,650	665
Busia	33,709	5,091	213	4,192	8,454	2,996	3,886	8,876
Iganga	61,532	8,165	5,477	8,076	16,054	4,554	9,945	9,262
Jinja	31,103	5,434	906	6,729	8,174	3,398	2,567	3,895
Kamuli	110,226	8,415	9,063	22,671	23,831	10,150	18,304	17,791
Kapchorwa	32,789	4,212	2,487	5,217	9,458	3,887	3,495	4,034
Katakwi	21,763	2,428	7,535	7,555	1,890	917	939	497
Kumi	58,515	10,775	1,699	12,821	15,376	7,170	7,478	3,197
Mbale	16,870	2,241	314	3,945	6,148	347	1,384	2,491
Pallisa	113,348	8,542	7,777	34,865	36,857	9,316	8,145	7,845
Soroti	38,277	4,251	2,376	10,228	5,821	2,413	1,673	11,516
Tororo	45,553	11,954	6,824	7,102	7,255	1,980	4,546	5,892
Kaberamaido	18,064	3,104	1,253	1,308	4,144	3,143	2,555	2,558
Mayuge	73,469	10,222	6,559	13,191	17,630	6,192	8,554	11,121
Sironko	80,824	9,516	2,808	17,283	19,827	12,631	10,133	8,626
Amuria	13,301	718	3,219	3,509	2,731	434	1,576	1,114
Budaka	34,257	3,588	4,478	8,025	7,314	3,555	5,855	1,441
Bududa	19,009	1,541	1,237	2,455	4,342	4,110	3,350	1,974
Bukedea	29,673	5,027	2,045	7,591	4,421	1,868	4,933	3,788
Bukwo	25,608	2,337	2,438	6,092	6,520	2,104	2,540	3,576
Butaleja	14,134	2,594	1,474	2,729	2,602	2,429	1,624	681
Kaliro	43,267	8,424	9,181	4,054	8,733	2,236	5,143	5,496
Manafwa	79,614	15,413	10,156	12,661	20,641	10,493	9,626	623
Namutumba	25,485	1,222	1,092	3,545	5,196	2,564	8,953	2,913
Adjumani	4,893	641		2,386	700	124	807	236
Apac	27,088	1,276	4,852	5,418	9,006	2,033	3,393	1,110
Arua	31,878	5,969	4,595	4,019	4,600	4,770	3,759	4,167
Gulu	35,311	7,217	7,303	7,103	5,599	3,508	3,196	1,385
Kitgum	20,695	1,622	3,135	5,461	1,877	2,107	6,390	104
Kotido	721	37	164			12	508	
Lira	116,524	9,575	17,465	16,137	31,389	16,425	9,934	15,598



<b>District</b>	<b>Ag HHs that reported</b>	<b>No need for loans</b>	<b>Unavailability of lending facility</b>	<b>Lack of collateral /security</b>	<b>High Interest Rate</b>	<b>Not profitable</b>	<b>Ignorance</b>	<b>Negative past experience</b>
Moroto	2,230						2,230	
Moyo	15,997	2,371	1,981	3,383	3,333	906	1,005	3,018
Nebbi	79,861	9,354	7,612	13,266	17,998	9,858	12,509	9,263
Nakapiripirit	5,218		4,075	106			1,037	
Pader	57,467	3,981	6,310	10,163	17,501	10,706	5,847	2,959
Yumbe	39,348	8,991	7,136	3,286	5,364	2,873	7,268	4,430
Abim	6,486		3,073	751	1,020	43	1,599	
Amolatar	26,378	3,793	2,289	6,002	4,276	3,904	4,059	2,055
Amuru	44,861	2,861	10,864	8,806	6,223	2,729	11,344	2,035
Dokolo	54,093	4,591	4,946	8,276	13,938	6,290	7,832	8,220
Kaabong								
Koboko	42,092	1,111	2,734	10,680	13,793	7,712	4,384	1,678
Nyadri	1,998		143	571	428	143	428	285
Oyam	76,251	3,409	5,338	16,260	25,168	10,929	10,221	4,926
Bundibugyo	26,223	5,292	2,514	1,411	3,598	2,533	9,040	1,834
Bushenyi	99,665	18,908	2,774	18,220	19,516	12,200	12,789	15,258
Hoima	63,917	12,322	7,618	13,478	11,401	8,346	5,472	5,280
Kabale	91,219	15,750	3,740	12,708	27,886	14,855	10,310	5,971
Kabarole	76,294	12,264	2,001	12,808	21,830	13,638	6,063	7,690
Kasese	39,085	1,506	2,092	2,982	9,415	6,135	6,632	10,322
Kibaale	68,025	9,514	12,164	9,169	15,032	7,461	8,147	6,538
Kisoro	54,328	6,182	3,247	8,943	13,467	10,518	9,096	2,875
Masindi	71,226	7,635	17,239	16,740	14,411	4,929	4,680	5,591
Mbarara	65,591	10,072	3,996	13,190	16,428	10,210	8,342	3,353
Ntungamo	33,097	2,818	3,805	7,955	10,098	2,083	2,135	4,204
Rukungiri	74,972	11,916	4,203	7,433	18,834	8,229	8,734	15,624
Kamwenge	45,000	6,415	2,511	12,783	14,483	2,094	3,976	2,737
Kanungu	61,128	8,805	2,053	7,775	12,247	6,595	9,462	14,191
Kyenjojo	43,897	6,240	2,736	8,931	10,735	2,595	4,781	7,880
Buliisa	4,171	302	2,190	747	449	36	221	227
Ibanda	52,380	9,764	4,014	7,693	9,369	7,404	6,759	7,376
Isingiro	88,991	18,834	2,298	15,091	22,228	5,129	15,125	10,288
Kiruhura	31,823	4,881	5,122	8,818	10,641	327	1,224	810

**Table A3.23: Number of Ag HHs reporting access to local produce market by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	7,756	234	1,020	280	6,222
Kampala	34,483	2,940	12,610	1,372	17,561
Kiboga	17,426		4,799	4,185	8,442
Luwero	38,022	339	5,035	2,045	30,603
Masaka	70,453	5,419	25,785	18,140	21,110
Mpigi	73,938		24,991	14,683	34,264
Mubende	50,164	1,510	16,391	11,403	20,860
Mukono	68,771		46,113	16,873	5,785
Nakasongola	32,307	415	2,817	1,945	27,130
Rakai	32,567	356	7,182	10,202	14,827
Ssembabule	26,511	546	7,894	3,310	14,761
Kayunga	61,134		21,451	9,091	30,592
Wakiso	52,823	1,331	31,950	13,863	5,679
Lyantonde	18,688	629	861	2,116	15,081
Mityana	37,711	2,952	17,447	7,187	10,125
Nakaseke	32,006	726	2,328	983	27,969
Bugiri	53,387	1,575	25,705	10,928	15,179
Busia	47,907	922	12,751	8,877	25,357
Iganga	58,526	6,151	28,385	13,265	10,725
Jinja	50,459		20,015	3,882	26,562
Kamuli	72,408	1,490	41,479	23,142	6,298
Kapchorwa	30,642	103	10,525	5,538	14,475
Katakwi	26,576	310	3,556	5,574	17,136
Kumi	39,497	211	13,171	12,065	14,049
Mbale	54,433	8,435	17,560	8,606	19,833
Pallisa	80,624	8,199	26,668	13,822	31,936
Soroti	60,161	382	20,513	16,737	22,529
Tororo	52,691	2,540	13,896	26,644	9,610
Kaberamaido	27,443		7,559	8,999	10,885
Mayuge	38,733		21,217	5,568	11,948
Sironko	56,952		19,787	14,470	22,695
Amuria	22,326		4,436	10,000	7,890
Budaka	21,857		12,959	4,914	3,984
Bududa	20,960	2,217	7,376	4,783	6,584
Bukedea	15,439	1,616	5,723	7,833	266
Bukwo	17,095		7,638	369	9,088
Butaleja	26,321	469	10,827	5,882	9,142
Kaliro	26,808		12,658	5,806	8,344
Manafwa	36,256	3,041	19,767	10,553	2,895
Namutumba	32,005	1,948	13,836	6,079	10,142
Adjumani	34,216	332	5,932	5,458	22,494
Apac	58,213	4,954	26,508	14,165	12,586
Arua	51,683	4,274	18,294	15,394	13,721
Gulu	37,654	5,686	8,089	5,311	18,569
Kitgum	27,118	1,576	12,795	5,952	6,795
Kotido	40,168		5,096	6,035	29,037
Lira	56,938	3,456	33,038	16,922	3,522
Moroto	5,641		850	2,117	2,675
Moyo	55,315	1,512	12,350	22,748	18,705
Nebbi	42,896	3,258	22,543	1,551	15,543
Nakapiripirit	36,614		3,614	6,148	26,852
Pader	31,004	2,513	12,535	10,499	5,458
Yumbe	26,815	1,540	19,943	1,316	4,016
Abim	12,657		1,384	3,912	7,361
Amolatar	30,693	264	3,994	6,826	19,609

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amuru	16,471	660	4,786	7,640	3,385
Dokolo	26,834	1,989	13,126	785	10,934
Kaabong	10,575	702	2,557	3,296	4,020
Koboko	28,171	8,491	5,125	5,694	8,860
Nyadri	39,381	710	8,476	11,237	18,958
Oyam	25,386	1,727	17,301	3,366	2,992
Bundibugyo	82,408	4,673	7,952	28,603	41,180
Bushenyi	51,272	3,590	24,713	11,176	11,793
Hoima	80,054	2,330	23,806	23,036	30,883
Kabale	80,052	386	27,029	19,243	33,394
Kabarole	55,190	2,116	14,850	11,926	26,299
Kasese	91,306	725	37,216	21,788	31,577
Kibaale	39,358	209	18,542	9,934	10,673
Kisoro	52,678	1,882	27,725	13,001	10,069
Masindi	53,987	1,410	16,022	12,062	24,494
Mbarara	67,525		15,593	33,811	18,120
Ntungamo	38,062		6,582	10,010	21,470
Rukungiri	48,055	276	18,091	12,091	17,597
Kamwenge	51,832	1,070	19,971	9,036	21,755
Kanungu	61,685		6,909	12,284	42,493
Kyenjojo	14,022		9,654	2,069	2,298
Buliisa	27,113	409	3,034	11,127	12,543
Ibanda	54,584		10,481	11,403	32,700
Isingiro	29,453		11,318	4,997	13,138
Kiruhura	11,019		11,019		

**Table A3.24: Number of Ag HHs reporting access to district produce market by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	1,578	153	354		1,071
Kampala	7,165		4,353	1,064	1,747
Kiboga	20,079		1,661		18,418
Luwero	15,734			685	15,049
Masaka	73,696		1,074	3,626	68,996
Mpigi	34,064		1,308	1,872	30,884
Mubende	58,788			1,956	56,832
Mukono	53,269		7,531	6,537	39,201
Nakasongola	9,120		226		8,894
Rakai	20,825		2,634	2,565	15,626
Ssembabule	24,722			1,368	23,354
Kayunga	17,644		481	1,198	15,964
Wakiso	75,452		14,830	7,335	53,287
Lyantonde	5,425				5,425
Mityana	44,158	480	6,451	1,712	35,515
Nakaseke	12,293		903	825	10,565
Bugiri	60,782			1,053	59,729
Busia	37,238			1,308	35,930
Iganga	82,658	1,755	578	1,628	78,697
Jinja	7,217		693	286	6,238
Kamuli	92,544		1,878	2,097	88,569
Kapchorwa	22,403	128	2,366	1,424	18,484
Katakwi	23,524	225	872	1,426	21,001
Kumi	42,675		1,421	2,568	38,685
Mbale	49,167	446	1,301	5,880	41,541
Pallisa	68,332	1,602	1,299	3,810	61,621
Soroti	61,749		2,980	4,378	54,390
Tororo	65,383		1,317	4,753	59,313
Kaberamaido	21,912		1,667	2,270	17,974
Mayuge	30,842				30,842
Sironko	43,798		4,595	7,712	31,491
Amuria	37,132		849	1,361	34,921
Budaka	26,081		3,638	3,983	18,459
Bududa	12,117	841	1,896	768	8,612
Bukedea	11,711		731	2,066	8,915
Bukwo	7,640		1,938	2,606	3,096
Butaleja	26,136		1,903	1,702	22,532
Kaliro	11,423		512		10,912
Manafwa	22,328		1,049	1,384	19,895
Namutumba	27,473		2,140	2,220	23,113
Adjumani	17,166		1,079	290	15,796
Apac	61,031		4,425	5,129	51,477
Arua	48,875	147	2,108	2,491	44,129
Gulu	33,422	4,233	1,071	2,105	26,013
Kitgum	38,892		832	1,148	36,911
Kotido	11,611		2,675	375	8,560
Lira	80,209		1,012	3,726	75,470
Moroto	10,224		6,055		4,169
Moyo	15,057	1,374	1,477	2,351	9,855
Nebbi	63,055	1,061		6,659	55,335
Nakapiripirit	13,748			3,290	10,458
Pader	20,743		334	214	20,196
Yumbe	25,651		2,359	1,977	21,314
Abim	6,143		663	186	5,295

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amolatar	16,370		391	2,048	13,931
Amuru	29,905				29,905
Dokolo	18,157		1,534	506	16,117
Kaabong	6,412				6,412
Koboko	20,984	8,348	3,076	1,772	7,788
Nyadri	23,622				23,622
Oyam	42,997	953	3,945	3,367	34,732
Bundibugyo	17,279	995	1,608	1,328	13,347
Bushenyi	98,595		10,330	7,907	80,358
Hoima	46,127		2,040	2,865	41,222
Kabale	80,461		1,210	6,905	72,346
Kabarole	50,659		2,688	3,473	44,499
Kasese	72,665	406	1,486	1,217	69,556
Kibaale	57,226		2,902	3,781	50,543
Kisoro	50,113		3,446	12,163	34,504
Masindi	33,948	229	2,221	5,470	26,028
Mbarara	52,491		2,581	5,726	44,183
Ntungamo	58,639		1,216	3,544	53,879
Rukungiri	49,847		4,240	2,649	42,957
Kamwenge	42,513		422	722	41,369
Kanungu	38,026		776	2,846	34,404
Kyenjojo	49,442		1,301	2,041	46,101
Buliisa	3,899		680	175	3,044
Ibanda	30,911		1,528	1,660	27,723
Isingiro	50,486		2,713	8,786	38,987
Kiruhura	10,179		233	801	9,145

**Table A3.25: Number of Ag HHs reporting access to local input dealer by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	1,330	195	520	201	413
Kampala	14,845	586	6,181	1,067	7,011
Kiboga	22,922		4,526	5,991	12,405
Luwero	12,635	618	4,168	2,053	5,796
Masaka	78,238	2,259	20,629	14,560	40,790
Mpigi	54,462		22,005	8,958	23,499
Mubende	59,250	2,679	12,185	9,963	34,423
Mukono	90,223	3,769	39,129	17,619	29,707
Nakasongola	9,573	688	975	2,402	5,508
Rakai	53,573		7,060	15,204	31,309
Ssembabule	24,967		7,374	3,367	14,225
Kayunga	41,678		13,957	7,450	20,272
Wakiso	75,806	255	26,583	16,046	32,922
Lyantonde	8,232	567	515	598	6,553
Mityana	42,266		12,135	8,240	21,891
Nakaseke	12,963	704	1,831	1,839	8,588
Bugiri	60,744	72	8,404	4,581	47,686
Busia	37,816	642	7,296	5,694	24,184
Iganga	80,312	4,534	27,458	14,144	34,177
Jinja	38,379		16,042	4,892	17,445
Kamuli	89,630	1,096	26,060	16,541	45,933
Kapchorwa	29,299	7,014	6,972	2,713	12,601
Katakwi	22,859		1,578	1,935	19,346
Kumi	38,770		6,824	8,499	23,447
Mbale	39,364		13,103	9,203	17,059
Pallisa	68,365	8,403	20,799	10,229	28,933
Soroti	59,376		13,773	13,169	32,434
Tororo	64,297		5,331	22,862	36,104
Kaberamaido	22,948		4,054	6,188	12,705
Mayuge	45,126		6,207	5,907	33,012
Sironko	42,558	1,378	17,804	7,448	15,928
Amuria	37,132		3,544	8,517	25,070
Budaka	25,837	146	9,683	6,247	9,761
Bududa	15,068	4,344	3,716	2,633	4,375
Bukedea	6,481	1,277	3,138	850	1,217
Bukwo	21,136		11,097	6,821	3,218
Butaleja	24,473		7,596	4,119	12,758
Kaliro	26,707		2,142	4,063	20,502
Manafwa	40,523	1,926	18,874	12,635	7,088
Namutumba	27,361	692	9,553	6,846	10,269
Adjumani	17,063		1,617	1,057	14,388
Apac	60,372	2,781	12,825	10,454	34,312
Arua	43,097	1,096	14,162	13,031	14,808
Gulu	31,001	4,159	6,795	4,248	15,799
Kitgum	38,648	2,489	6,201	3,549	26,409
Kotido	2,823		2,082		740
Lira	77,148	494	20,137	15,135	41,383
Moroto	2,151				2,151
Moyo	19,387	1,250	5,461	3,567	9,108
Nebbi	51,044	1,505	14,356	18,534	16,649
Nakapiripirit	15,310				15,310
Pader	20,604	812	9,016	3,566	7,210
Yumbe	18,823		4,990	4,545	9,289
Abim	4,520		258	124	4,137

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amolatar	15,531	290	2,117	2,471	10,653
Amuru	24,464		1,257	2,522	20,685
Dokolo	18,023	255	1,912	576	15,281
Kaabong	1,207		197	354	656
Koboko	17,859	8,268	3,159	2,302	4,129
Nyadri	18,732				18,732
Oyam	47,072	2,508	12,093	6,406	26,065
Bundibugyo	8,974	3,276	2,714	982	2,002
Bushenyi	91,911		22,917	19,541	49,453
Hoima	46,000		17,457	2,083	26,461
Kabale	80,692		32,337	22,799	25,556
Kabarole	53,303	1,525	8,292	10,716	32,770
Kasese	59,795	843	12,350	8,863	37,739
Kibaale	68,036	2,152	17,564	16,488	31,832
Kisoro	49,982		27,341	12,360	10,281
Masindi	33,009	481	4,676	9,131	18,721
Mbarara	52,525	247	23,969	15,266	13,043
Ntungamo	56,768		8,727	21,425	26,617
Rukungiri	49,759	211	15,229	10,472	23,847
Kamwenge	46,348		15,027	4,428	26,893
Kanungu	38,230	173	5,842	7,046	25,169
Kyenjojo	46,745	1,871	14,947	6,164	23,763
Buliisa	4,040		1,043	990	2,006
Ibanda	31,234		10,472	5,297	15,465
Isingiro	53,867		15,215	11,639	27,013
Kiruhura	15,437		1,598	4,561	9,278

**Table A3.26: Number of Ag HHs reporting access to Extension services by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	1,005	169	356	119	360
Kampala	4,651		4,011		640
Kiboga	17,146		1,735	372	15,039
Luwero	11,501		3,029	1,117	7,355
Masaka	54,027	1,758	6,369	8,193	37,707
Mpigi	56,121		13,828	10,229	32,064
Mubende	57,273	1,597	6,016	4,881	44,779
Mukono	86,396	3,023	22,507	15,623	45,243
Nakasongola	9,455		303	2,276	6,876
Rakai	46,563	203	7,279	13,185	25,896
Ssembabule	25,064		486	1,518	23,059
Kayunga	41,804		6,447	11,785	23,572
Wakiso	65,261		14,151	13,649	37,461
Lyantonde	7,518	126	321	948	6,124
Mityana	43,711		7,188	4,855	31,668
Nakaseke	11,726	635	764	260	10,067
Bugiri	60,049		8,562	9,707	41,780
Busia	37,816	200	4,247	8,544	24,825
Iganga	76,623	1,804	15,991	15,488	43,339
Jinja	39,164		14,516	5,489	19,159
Kamuli	90,828		11,502	9,584	69,742
Kapchorwa	22,317		9,139	4,343	8,835
Katakwi	23,574		1,739	4,279	17,556
Kumi	38,096		8,761	9,285	20,051
Mbale	43,127	1,581	6,714	11,729	23,102
Pallisa	68,110	552	6,726	10,283	50,549
Soroti	53,973		8,414	10,016	35,543
Tororo	59,549		4,935	17,824	36,790
Kaberamaido	18,107		2,331	5,556	10,220
Mayuge	42,906		3,567	3,433	35,905
Sironko	34,930	560	19,407	11,177	3,786
Amuria	36,674		1,772	5,664	29,238
Budaka	24,103		3,122	6,028	14,952
Bududa	8,773	296	2,105	2,526	3,845
Bukedea	6,210	1,116	1,279	1,387	2,428
Bukwo	3,140		1,682	1,458	
Butaleja	19,503		3,965	3,346	12,192
Kaliro	28,195		2,004	3,206	22,985
Manafwa	25,233	1,736	9,473	6,364	7,659
Namutumba	24,963		4,231	5,404	15,328
Adjumani	17,074	150	2,942	1,772	12,210
Apac	49,455	1,801	7,562	6,629	33,463
Arua	39,492		5,765	8,583	25,144
Gulu	25,178	797	2,133	3,899	18,348
Kitgum	38,346	1,314	4,411	2,638	29,983
Kotido	838				838
Lira	78,520		5,180	14,980	58,361
Moroto	2,301				2,301
Moyo	19,589	1,302	7,560	2,887	7,840
Nebbi	51,328	2,879	9,244	15,506	23,700
Nakapiripirit	14,055		2,831		11,223
Pader	20,978	943	7,516	2,646	9,872
Yumbe	6,001	272	516	721	4,492
Abim	4,063		368	726	2,969



<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amolatar	16,316		1,414	1,934	12,967
Amuru	21,544		736	3,382	17,426
Dokolo	16,549	191	1,733	1,972	12,653
Kaabong	751		408	343	
Koboko	16,413	8,255	2,549	2,753	2,856
Nyadri	13,145		629	1,523	10,993
Oyam	44,947	1,235	9,046	7,540	27,126
Bundibugyo	8,261	2,736	1,192	1,174	3,159
Bushenyi	80,773		11,236	15,857	53,680
Hoima	45,806	633	9,475	10,781	24,918
Kabale	80,650		17,502	20,779	42,369
Kabarole	45,895		5,499	7,714	32,683
Kasese	58,409	1,479	11,101	4,997	40,833
Kibaale	62,269	249	7,304	9,143	45,573
Kisoro	49,904		27,806	8,838	13,260
Masindi	26,739		4,256	3,479	19,004
Mbarara	49,983		7,747	8,022	34,215
Ntungamo	58,102		7,308	29,263	21,532
Rukungiri	49,661		5,501	8,992	35,168
Kamwenge	44,317		7,800	3,447	33,070
Kanungu	37,898		6,029	6,181	25,688
Kyenjojo	36,455		3,328	3,685	29,443
Buliisa	2,722		77		2,646
Ibanda	30,685		6,978	3,874	19,832
Isingiro	39,852		5,108	7,802	26,941
Kiruhura	7,612		162	676	6,774

**Table A3.27: Number of Ag HHs reporting access to Nurseries by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	635	123	194	61	256
Kampala	4,489		3,128	958	404
Kiboga	16,735		1,661	847	14,226
Luwero	7,295	185	1,341	1,378	4,392
Masaka	55,087	1,352	8,921	9,730	35,084
Mpigi	35,675		12,275	6,674	16,726
Mubende	53,687	1,048	3,527	3,314	45,797
Mukono	77,291		11,149	6,791	59,350
Nakasongola	6,961			288	6,673
Rakai	45,569		6,285	8,097	31,187
Ssembabule	22,209	119	975	3,459	17,656
Kayunga	41,643		3,438	10,240	27,965
Wakiso	60,618		13,202	12,263	35,153
Lyantonde	4,077	230		246	3,601
Mityana	42,943		10,143	3,983	28,816
Nakaseke	8,939		583	422	7,934
Bugiri	60,009		1,934	1,413	56,661
Busia	34,348		6,884	4,163	23,302
Iganga	55,954	2,815	12,618	3,275	37,247
Jinja	37,528		3,799	6,453	27,275
Kamuli	88,179	344	12,423	7,936	67,475
Kapchorwa	21,923		14,858	1,943	5,122
Katakwi	22,965		1,952	3,210	17,802
Kumi	35,812		9,989	7,667	18,156
Mbale	40,599		1,863	8,346	30,390
Pallisa	62,693	430	9,888	6,009	46,366
Soroti	48,969		12,959	6,277	29,733
Tororo	50,900	363	13,294	8,697	28,545
Kaberamaido	14,920		1,687	3,421	9,811
Mayuge	43,990	583	4,695	1,349	37,362
Sironko	20,854		15,281	3,258	2,315
Amuria	36,593		5,726	2,676	28,190
Budaka	22,315		4,871	5,821	11,623
Bududa	8,348	172	524	1,797	5,856
Bukedea	3,818		366	162	3,290
Bukwo	1,045		1,045		
Butaleja	14,728		2,788	409	11,532
Kaliro	27,239		382	1,585	25,272
Manafwa	16,358	2,754	5,872	2,657	5,075
Namutumba	23,052	142	4,184	3,763	14,964
Adjumani	17,023	1,451	3,054	1,324	11,195
Apac	44,881	2,664	10,970	5,272	25,975
Arua	35,839	1,243	12,920	5,224	16,451
Gulu	22,950	176	6,564	2,186	14,024
Kitgum	36,758	1,379	3,830	5,991	25,557
Kotido	62				62
Lira	73,279	846	15,707	9,640	47,086
Moroto	4,903				4,903
Moyo	17,672	1,487	9,141	725	6,320
Nebbi	37,884	2,392	4,591	9,870	21,032
Nakapiripirit	13,256				13,256
Pader	16,592	1,039		1,071	14,482
Yumbe	1,029	228		165	635
Abim	2,742		537	101	2,104
Amolatar	13,511		673	1,278	11,560

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amuru	18,315	227	1,244	5,211	11,632
Dokolo	15,396	255	2,879	1,405	10,857
Kaabong	-				
Koboko	15,066	7,187	2,745	3,315	1,818
Nyadri	10,523		2,466	1,972	6,085
Oyam	42,843		9,525	5,366	27,953
Bundibugyo	8,963	3,701	1,609	195	3,458
Bushenyi	74,444		11,891	13,459	49,095
Hoima	41,151	541	17,266	5,536	17,808
Kabale	78,872		17,562	11,029	50,281
Kabarole	22,207		3,193	3,260	15,754
Kasese	55,518	2,467	11,363	4,761	36,928
Kibaale	55,951		8,265	5,544	42,141
Kisoro	49,940		16,174	10,646	23,120
Masindi	18,404		8,548	2,515	7,341
Mbarara	51,304		15,886	11,255	24,163
Ntungamo	56,642		7,370	23,033	26,240
Rukungiri	49,424		7,300	10,416	31,708
Kamwenge	40,566		10,448	3,690	26,428
Kanungu	37,653	266	13,749	7,481	16,156
Kyenjojo	27,760		3,366	4,420	19,974
Buliisa	792		110		682
Ibanda	24,519		4,164	3,464	16,891
Isingiro	37,068		4,988	5,188	26,893
Kiruhura	7,332				7,332

**Table A3.28: Number of Ag HHs reporting access to Agricultural Research Centres by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	665	169	209		287
Kampala	5,328				5,328
Kiboga	16,647				16,647
Luwero	9,885		1,471	370	8,044
Masaka	54,485	1,254	1,562	1,627	50,042
Mpigi	36,077		5,165	842	30,070
Mubende	51,877		331		51,546
Mukono	75,486		5,399	834	69,253
Nakasongola	6,936		494	603	5,838
Rakai	46,807		803		46,003
Ssembabule	20,131			574	19,557
Kayunga	41,741			272	41,469
Wakiso	71,707		7,664	7,823	56,220
Lyantonde	4,423		89	83	4,252
Mityana	38,809		5,194	1,590	32,026
Nakaseke	11,937				11,937
Bugiri	54,901				54,901
Busia	36,586	180	805		35,600
Iganga	62,273	1,604	495	792	59,383
Jinja	37,212			105	37,108
Kamuli	84,279		1,163		83,116
Kapchorwa	22,391			147	22,244
Katakwi	24,738		1,208		23,530
Kumi	35,410				35,410
Mbale	42,100	602		3,110	38,388
Pallisa	68,513		621	2,824	65,068
Soroti	53,448		1,143	2,685	49,620
Tororo	56,890		3,128	1,812	51,950
Kaberamaido	10,498			153	10,345
Mayuge	39,224		844	973	37,407
Sironko	35,262		3,303	7,474	24,485
Amuria	36,297				36,297
Budaka	23,675		3,951	5,200	14,524
Bududa	3,035		171	1,299	1,564
Bukedea	4,611		223		4,388
Bukwo	4,606		723		3,884
Butaleja	15,903		932	419	14,551
Kaliro	21,827				21,827
Manafwa	9,658		516	763	8,379
Namutumba	24,752		198		24,554
Adjumani	14,257		172	789	13,295
Apac	39,811	385	3,427	984	35,016
Arua	36,754		185	1,363	35,206
Gulu	22,318		1,541	930	19,847
Kitgum	38,162		650	1,274	36,238
Kotido	-				
Lira	80,009		1,496	1,972	76,541
Moroto	2,044				2,044
Moyo	19,294		2,528	1,610	15,157
Nebbi	37,564	302	1,191	2,038	34,034
Nakapiripirit	12,558				12,558
Pader	20,437				20,437
Yumbe	7,428			223	7,205
Abim	2,403				2,403

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amolatar	16,238				16,238
Amuru	18,088			617	17,471
Dokolo	15,738		203		15,535
Kaabong	-				
Koboko	16,298		716	2,187	13,396
Nyadri	20,579		375		20,204
Oyam	41,695		1,253		40,442
Bundibugyo	11,161	836	1,732	749	7,844
Bushenyi	90,106		4,719	6,064	79,323
Hoima	45,654	115	1,019	841	43,679
Kabale	81,069		2,820	3,499	74,751
Kabarole	32,000		1,606	2,665	27,729
Kasese	58,455	406	583	2,240	55,226
Kibaale	60,313		3,172	511	56,630
Kisoro	50,122		277	262	49,583
Masindi	23,064		2,755	2,899	17,410
Mbarara	51,815		1,730	3,008	47,077
Ntungamo	54,858		373		54,485
Rukungiri	49,441			276	49,165
Kamwenge	38,685		363		38,321
Kanungu	38,010			174	37,836
Kyenjojo	27,471		1,584	1,858	24,029
Buliisa	662		86		576
Ibanda	22,790		1,542	1,333	19,915
Isingiro	35,412		811	2,338	32,264
Kiruhura	9,040		283		8,757

**Table A3.29: Number of Ag HHs reporting access to Public Transport by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	1,278	246	714	87	231
Kampala	15,908	1,738	13,341	196	634
Kiboga	22,615	1,236	7,678	3,249	10,452
Luwero	17,504	680	12,536	1,089	3,198
Masaka	77,308	5,373	29,300	15,533	27,102
Mpigi	61,958		25,252	15,812	20,894
Mubende	55,540	3,441	9,196	10,456	32,447
Mukono	86,308	639	60,696	10,457	14,516
Nakasongola	9,463	1,775	3,041	883	3,764
Rakai	53,880	589	20,228	10,889	22,173
Ssembabule	24,696	665	13,806	3,667	6,558
Kayunga	41,144		21,722	9,354	10,068
Wakiso	68,932	739	40,369	9,785	18,039
Lyantonde	8,193	1,058	386	835	5,914
Mityana	43,981	1,789	16,065	9,776	16,350
Nakaseke	15,153	871	5,876	1,895	6,511
Bugiri	46,191		25,754	6,144	14,293
Busia	37,572	1,507	22,445	5,513	8,108
Iganga	80,367	3,981	28,908	12,605	34,874
Jinja	41,444		24,008	7,473	9,963
Kamuli	88,936	917	41,102	24,252	22,664
Kapchorwa	21,385		13,707	4,523	3,155
Katakwi	23,852	2,336	7,277	4,205	10,034
Kumi	39,553	165	16,973	8,701	13,714
Mbale	44,963	12,394	16,338	8,813	7,418
Pallisa	68,650	4,269	24,278	6,886	33,217
Soroti	51,632	230	30,967	6,555	13,880
Tororo	64,057	3,887	23,259	13,190	23,720
Kaberamaido	23,433		11,470	5,238	6,725
Mayuge	42,357	282	18,868	10,483	12,725
Sironko	40,735	4,131	25,666	5,736	5,201
Amuria	36,924		8,630	9,437	18,857
Budaka	25,448	174	13,337	6,823	5,113
Bududa	10,652	950	3,067	1,432	5,204
Bukedea	9,457	1,386	2,335	2,314	3,423
Bukwo	20,655		16,586	1,656	2,412
Butaleja	23,493	369	8,500	6,220	8,405
Kaliro	28,293		10,882	6,857	10,554
Manafwa	39,989	4,291	22,993	5,325	7,380
Namutumba	22,988	1,537	12,030	2,473	6,948
Adjumani	16,894		3,664	2,959	10,271
Apac	59,822	7,793	19,112	11,309	21,608
Arua	38,529	4,263	18,037	9,527	6,702
Gulu	31,628	6,026	12,448	4,667	8,488
Kitgum	37,976	2,560	13,534	4,434	17,448
Kotido	1,590		274	226	1,090
Lira	79,896	2,541	26,334	24,046	26,976
Moroto	3,841		1,381		2,460
Moyo	18,029	1,777	9,493	1,264	5,494
Nebbi	56,758	1,816	30,696	12,568	11,677
Nakapiripirit	20,709		3,437	1,875	15,397
Pader	20,650	2,916	9,179	1,979	6,576
Yumbe	19,250	1,542	9,988	3,403	4,317
Abim	2,484		1,646		838

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amolatar	15,531	1,258	2,820	3,367	8,085
Amuru	26,535	876	7,071	5,177	13,410
Dokolo	21,817	2,572	6,622	2,306	10,317
Kaabong	1,548		275		1,272
Koboko	19,863	9,464	5,603	1,935	2,860
Nyadri	23,097	1,631	12,407	3,912	5,147
Oyam	48,701	3,040	14,783	9,672	21,207
Bundibugyo	15,671	4,427	3,487	1,779	5,979
Bushenyi	97,760	2,329	34,483	27,638	33,310
Hoima	49,239	1,628	36,173	6,985	4,453
Kabale	80,116		43,367	17,294	19,456
Kabarole	54,977	1,997	20,823	12,175	19,982
Kasese	67,338	2,584	22,256	6,630	35,868
Kibaale	72,760	529	19,041	14,145	39,045
Kisoro	49,904		17,780	21,312	10,813
Masindi	37,800	1,781	15,591	12,237	8,192
Mbarara	52,397		20,033	17,047	15,317
Ntungamo	58,577	387	8,643	32,563	16,984
Rukungiri	49,847	187	28,326	9,028	12,305
Kamwenge	49,143		21,854	4,952	22,338
Kanungu	37,357	323	14,074	6,735	16,225
Kyenjojo	52,512	1,979	13,758	5,559	31,216
Buliisa	6,225	1,132	2,533	916	1,644
Ibanda	32,387		17,843	6,527	8,018
Isingiro	52,509		18,304	11,128	23,078
Kiruhura	20,122		3,916	2,734	13,472

**Table A3.30: Number of AgHHs reporting access to Feeder Roads by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	1,254	231	943	41	39
Kampala	6,907	2,972	3,934		
Kiboga	23,317	1,803	12,380	4,433	4,700
Luwero	18,317	1,334	14,078	2,085	820
Masaka	72,171	9,852	37,068	13,812	11,439
Mpigi	65,450	3,145	46,605	8,689	7,011
Mubende	49,711	3,824	32,574	5,627	7,685
Mukono	84,730	715	71,074	6,283	6,658
Nakasongola	9,310	2,599	5,868	763	81
Rakai	57,010	1,103	33,138	2,166	20,603
Ssembabule	25,358	1,078	18,104	2,533	3,643
Kayunga	44,387		31,624	4,701	8,062
Wakiso	71,477	1,991	54,878	8,241	6,367
Lyantonde	8,717	2,368	1,837	1,997	2,515
Mityana	44,256	3,961	30,804	2,806	6,685
Nakaseke	15,548	1,940	7,455	2,030	4,122
Bugiri	42,552	2,861	36,093	2,617	980
Busia	37,572	3,763	28,907	3,936	966
Iganga	71,508	7,391	50,247	2,292	11,578
Jinja	38,453		32,427	1,657	4,369
Kamuli	85,210	255	60,619	16,419	7,917
Kapchorwa	21,205	506	18,083	1,231	1,385
Katakwi	23,915	9,619	9,029	2,647	2,620
Kumi	39,195	482	26,473	6,747	5,493
Mbale	43,560	15,057	22,784	3,071	2,648
Pallisa	68,507	7,020	40,275	3,778	17,434
Soroti	50,416	3,427	40,585	3,492	2,912
Tororo	63,469	7,068	36,525	12,355	7,522
Kaberamaido	24,017	207	17,453	4,539	1,817
Mayuge	39,251	700	21,972	8,054	8,524
Sironko	33,565	7,179	21,641	1,050	3,694
Amuria	36,820		17,575	7,904	11,342
Budaka	25,197	153	19,294	4,643	1,107
Bududa	14,694	2,531	5,486	3,403	3,274
Bukedea	14,021	4,500	7,188	1,583	750
Bukwo	18,048		18,048		
Butaleja	23,310	204	15,078	3,643	4,385
Kaliro	26,129		23,387	748	1,994
Manafwa	39,786	3,828	27,739	2,767	5,452
Namutumba	21,039	4,449	11,697	3,467	1,425
Adjumani	16,884	3,680	7,922	2,003	3,279
Apac	57,601	9,156	27,489	7,663	13,294
Arua	40,298	6,525	25,399	5,776	2,598
Gulu	31,651	10,597	17,627	2,356	1,070
Kitgum	37,608	3,821	19,615	4,196	9,976
Kotido	1,331		248	362	721
Lira	78,433	6,631	47,649	17,471	6,681
Moroto	6,903	1,912	2,230		2,761
Moyo	15,208	2,157	9,072	1,204	2,775
Nebbi	60,259	11,431	39,725	4,845	4,258
Nakapiripirit	20,922	437	12,369	1,057	7,059
Pader	21,972	3,759	11,587	208	6,418
Yumbe	20,955	1,713	13,402	3,161	2,679
Abim	5,575	1,057	3,949	229	341



<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amolatar	15,374	2,001	6,785	3,288	3,299
Amuru	23,552	1,415	11,518	3,483	7,135
Dokolo	20,203	4,536	8,794	2,485	4,389
Kaabong	1,498		1,498		
Koboko	20,340	11,184	5,576	1,279	2,302
Nyadri	20,718	1,137	14,692	3,239	1,650
Oyam	42,820	4,119	28,595	5,528	4,578
Bundibugyo	13,927	3,291	5,750	2,149	2,736
Bushenyi	92,688	8,683	60,306	11,475	12,224
Hoima	48,753	2,224	38,119	5,042	3,369
Kabale	77,812	1,735	61,752	10,307	4,018
Kabarole	53,227	4,613	35,515	8,614	4,485
Kasese	68,342	3,510	49,623	8,387	6,822
Kibaale	66,878	613	30,982	15,182	20,101
Kisoro	49,325		40,872	6,602	1,851
Masindi	38,996	3,859	25,605	7,883	1,649
Mbarara	51,788	1,344	36,605	7,840	5,998
Ntungamo	57,344	1,004	19,477	26,917	9,946
Rukungiri	49,300	204	30,496	8,165	10,435
Kamwenge	47,971	613	35,835	6,291	5,232
Kanungu	37,308	1,756	15,506	6,261	13,786
Kyenjojo	59,972	3,986	31,769	9,502	14,716
Buliisa	5,165	2,032	2,436	406	291
Ibanda	32,035		27,766	2,446	1,823
Isingiro	51,571		28,945	6,350	16,275
Kiruhura	26,016	262	12,815	6,065	6,875

**Table A3.31: Number of Ag HHs reporting access to All Year Round Gravel Road by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	936	224	665	47	
Kampala	7,034	2,289	4,519		226
Kiboga	14,123	1,653	8,414	1,951	2,106
Luwero	14,833	1,444	12,547	423	418
Masaka	72,507	9,901	25,324	17,779	19,503
Mpigi	57,840		39,546	8,094	10,199
Mubende	52,108	4,881	24,592	6,356	16,279
Mukono	87,106	4,263	65,588	6,555	10,701
Nakasongola	6,888	2,194	3,805	728	162
Rakai	52,934	732	20,611	8,572	23,019
Ssembabule	20,009	179	14,567	1,876	3,388
Kayunga	41,436		29,757	6,478	5,202
Wakiso	59,001	1,183	46,364	8,038	3,416
Lyantonde	5,527	664	1,106	1,123	2,634
Mityana	41,061	1,836	26,935	6,381	5,909
Nakaseke	14,442	1,361	6,290	2,680	4,110
Bugiri	59,069	1,153	31,480	8,146	18,290
Busia	37,039	2,040	14,181	2,906	17,912
Iganga	72,555	5,020	35,892	10,158	21,485
Jinja	36,314		28,900	6,567	846
Kamuli	82,341	547	38,215	18,414	25,166
Kapchorwa	17,823		13,813	629	3,380
Katakwi	22,328	1,838	7,100	3,683	9,707
Kumi	35,636	552	22,521	8,012	4,551
Mbale	38,656	16,067	15,070	4,408	3,110
Pallisa	68,251	7,409	28,742	5,883	26,217
Soroti	48,574	509	32,054	6,141	9,871
Tororo	53,811	2,876	31,535	7,873	11,527
Kaberamaido	23,319		15,094	5,144	3,081
Mayuge	41,461	1,142	19,544	3,741	17,034
Sironko	25,824	2,741	16,669	2,952	3,462
Amuria	34,795		10,625	3,295	20,875
Budaka	22,332		19,723	1,754	855
Bududa	8,083	664	2,269	2,262	2,888
Bukedea	6,676	1,732	3,404	540	1,000
Bukwo	2,320		2,320		
Butaleja	20,281		13,318	3,843	3,119
Kaliro	26,685		18,430	5,469	2,786
Manafwa	33,039	442	18,034	4,654	9,909
Namutumba	21,334	3,150	11,095	3,550	3,539
Adjumani	16,798	228	4,706	3,987	7,877
Apac	57,646	8,305	24,515	6,286	18,540
Arua	36,067	2,084	20,621	7,308	6,053
Gulu	24,188	5,773	8,574	2,619	7,222
Kitgum	36,952	3,733	19,206	2,108	11,906
Kotido	6,406		797	3,844	1,765
Lira	74,126	4,703	41,126	15,809	12,488
Moroto					
Moyo	17,120	1,725	8,654	980	5,761
Nebbi	52,020	8,316	24,134	5,515	14,054
Nakapiripirit	3,266		447		2,820
Pader	14,817	3,582	1,273	393	9,569
Yumbe	12,087		7,296	2,927	1,863
Abim	4,239		2,848	521	869

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amolatar	15,436	1,118	2,815	3,325	8,179
Amuru	19,740	1,234	5,700	3,666	9,141
Dokolo	17,864	2,167	6,048	1,863	7,786
Kaabong	1,521		863		658
Koboko	19,587	11,559	5,176	1,193	1,659
Nyadri	21,090	1,222	11,835	1,918	6,115
Oyam	45,988	1,989	27,357	7,445	9,197
Bundibugyo	8,717	3,040	2,238	1,125	2,313
Bushenyi	88,468	2,663	44,928	15,395	25,482
Hoima	45,487	247	31,066	5,374	8,801
Kabale	68,530	1,838	44,768	8,842	13,082
Kabarole	37,636	3,021	26,148	6,253	2,213
Kasese	66,444	2,917	41,832	7,350	14,345
Kibaale	64,278	360	9,222	9,262	45,434
Kisoro	49,446		30,624	10,341	8,480
Masindi	22,066		14,459	4,825	2,783
Mbarara	50,980	346	28,283	8,908	13,444
Ntungamo	57,236	1,462	36,454	10,701	8,618
Rukungiri	49,847		27,591	7,788	14,468
Kamwenge	38,998		21,837	2,584	14,577
Kanungu	37,146	425	9,365	4,958	22,398
Kyenjojo	48,308	2,734	21,044	5,477	19,052
Buliisa	5,855	2,188	1,342	872	1,454
Ibanda	30,123		21,241	5,774	3,107
Isingiro	50,484		21,747	9,370	19,367
Kiruhura	15,700		2,626	1,295	11,778

**Table A3.32: Number of Ag HHs reporting access to Tarmac Road by nearest distance to facility and district**

District	Ag HHs that responded	Less than 1 km	Between 1 - 3km	Between 3 - 5 km	Above 5km
Kalangala	732	207	106	18	400
Kampala	23,913	4,676	18,269	315	653
Kiboga	26,022	434	4,663	2,008	18,918
Luwero	19,086	799	5,063	1,061	12,163
Masaka	76,017	2,265	5,678	8,023	60,051
Mpigi	56,742		9,279	8,551	38,913
Mubende	55,556	1,119	4,508	6,333	43,595
Mukono	90,856		28,638	11,697	50,522
Nakasongola	9,705	358	452	156	8,739
Rakai	57,813		8,132	5,024	44,657
Ssembabule	23,147				23,147
Kayunga	45,443		10,647	1,676	33,120
Wakiso	67,718	842	28,116	10,942	27,819
Lyantonde	6,766		818	353	5,595
Mityana	43,590		13,965	5,187	24,438
Nakaseke	13,238		265		12,973
Bugiri	60,799	354	3,547	2,381	54,518
Busia	37,223		2,698	990	33,535
Iganga	82,449	2,270	17,250	10,788	52,141
Jinja	40,561		5,618	9,317	25,626
Kamuli	91,660		11,830	6,205	73,625
Kapchorwa	22,178		8,718	3,192	10,268
Katakwi	23,693		149		23,544
Kumi	35,705		5,971	5,031	24,703
Mbale	48,746	3,749	15,898	13,634	15,465
Pallisa	68,636	2,319	1,333	2,021	62,964
Soroti	50,971		7,744	2,332	40,894
Tororo	64,293		10,046	2,437	51,810
Kaberamaido	17,394		359	2,100	14,935
Mayuge	45,778		3,023		42,755
Sironko	45,588	2,070	7,487	5,322	30,710
Amuria	36,970				36,970
Budaka	25,909		7,380	6,015	12,514
Bududa	10,800				10,800
Bukedea	11,023	139	1,940	1,564	7,379
Bukwo	3,884				3,884
Butaleja	24,753		833	2,128	21,791
Kaliro	28,293		261	801	27,231
Manafwa	39,006				39,006
Namutumba	27,165	716	2,495	4,587	19,367
Adjumani	14,220				14,220
Apac	51,787	1,080	2,508	1,268	46,931
Arua	44,159	2,299	4,766	5,820	31,273
Gulu	29,484	2,525	2,281	2,133	22,544
Kitgum	37,300			869	36,431
Kotido	1,089				1,089
Lira	76,397	3,172	7,058	6,429	59,738
Moroto	2,974				2,974
Moyo	19,764		161	304	19,299
Nebbi	58,584	1,234	7,141	5,220	44,989
Nakapiripirit	19,701				19,701
Pader	16,700				16,700
Yumbe	8,344		366	251	7,728
Abim	2,239				2,239
Amolatar	16,241				16,241

<b>District</b>	<b>Ag HHs that responded</b>	<b>Less than 1 km</b>	<b>Between 1 - 3km</b>	<b>Between 3 - 5 km</b>	<b>Above 5km</b>
Amuru	20,948	563	303	181	19,901
Dokolo	17,847		205	356	17,286
Kaabong					
Koboko	12,723		100		12,623
Nyadri	17,219		614		16,605
Oyam	48,829		8,646	6,273	33,910
Bundibugyo	11,905			164	11,742
Bushenyi	97,632		13,802	16,155	67,675
Hoima	49,208	127	6,940	2,932	39,209
Kabale	79,929	1,468	20,203	14,370	43,887
Kabarole	62,957	2,393	7,950	19,279	33,336
Kasese	75,517	1,344	13,095	7,437	53,640
Kibaale	72,181		3,077	928	68,176
Kisoro	49,910			582	49,328
Masindi	34,013		12,002	8,677	13,334
Mbarara	52,235		6,953	10,116	35,166
Ntungamo	58,397		7,945	17,547	32,905
Rukungiri	49,847		2,200	3,400	44,247
Kamwenge	46,433				46,433
Kanungu	37,351	241			37,110
Kyenjojo	54,861	742	4,774	4,511	44,833
Buliisa	2,274	198	273		1,803
Ibanda	30,178		4,678	2,652	22,847
Isingiro	54,536		1,722	1,417	51,397
Kiruhura	20,794		286		20,508

**Table A3.33: Number of Ag HHs by kind of access to Car/ Pick up**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,219	42	56	6	1,115
Kampala	23,174	1,163	63	4,571	17,377
Kiboga	27,932	187	555	8,244	18,945
Luwero	9,854	285	105	2,891	6,573
Masaka	57,257	1,307	5,107	21,842	29,001
Mpigi	28,623	1,397	583	8,077	18,566
Mubende	42,533	929	1,270	14,178	26,155
Mukono	87,181	1,580	4,009	58,972	22,621
Nakasongola	6,305		115	926	5,265
Rakai	25,878	78	635	3,610	21,554
Ssembabule	21,273	1,379	370	9,551	9,973
Kayunga	44,975	1,399	2,905	32,836	7,834
Wakiso	63,724	4,687	869	22,616	35,552
Lyantonde	8,471	129	330	1,197	6,815
Mityana	31,625	804	2,162	6,898	21,761
Nakaseke	9,763	139	343	3,077	6,205
Bugiri	27,390	318	612	693	25,767
Busia	34,335	479	416	7,435	26,005
Iganga	52,020		373	19,447	32,200
Jinja	37,002	430	1,476	32,431	2,665
Kamuli	82,036	235	940	42,248	38,613
Kapchorwa	17,209	147	221	797	16,044
Katakwi	19,342			3,806	15,535
Kumi	29,671	104	296	2,207	27,064
Mbale	21,629	1,287	874	5,661	13,808
Pallisa	63,128	265	621	22,353	39,889
Soroti	39,816	386	458	15,445	23,527
Tororo	41,280	354	501	4,923	35,502
Kaberamaido	22,293	153		5,237	16,903
Mayuge	45,965	573	1,158	24,821	19,413
Sironko	40,495	341	81	8,918	31,155
Amuria	18,220		70	10,165	7,985
Budaka	25,240	234	421	6,294	18,292
Bududa	14,306	104	143	1,433	12,626
Bukedea	8,738	234		3,082	5,422
Bukwo	9,583	202		3,290	6,091
Butaleja	17,335	176	173	4,727	12,259
Kaliro	27,803	123	167	25,253	2,259
Manafwa	29,880		117	2,975	26,787
Namutumba	25,056		899	7,814	16,343
Adjumani	4,030	98	34	34	3,864
Apac	35,523	276	777	7,123	27,347
Arua	35,945	234	2,990	12,076	20,646
Gulu	25,955	44	658	5,305	19,948
Kitgum	38,098		207	657	37,233
Kotido	9,324		43		9,281
Lira	70,034		1,297	21,755	46,981
Moroto	6,682				6,682
Moyo	16,584		40	957	15,587

<b>District</b>	<b>Ag HHs that reported</b>	<b>Own</b>	<b>Can borrow</b>	<b>Can hire</b>	<b>No access</b>
Nebbi	47,863	372	788	2,001	44,701
Nakapiripirit	8,223	210	92	928	6,993
Pader	10,314	95		141	10,079
Yumbe	18,648		414	8,386	9,847
Abim	2,566			433	2,133
Amolatar	10,968			1,403	9,565
Amuru	22,214	84	502	5,456	16,172
Dokolo	13,757	76	59	589	13,033
Kaabong	2,827				2,827
Koboko	18,075		19	6,430	11,626
Nyadri	12,313	115		613	11,585
Oyam	47,578	142	530	6,836	40,070
Bundibugyo	9,007	369		736	7,902
Bushenyi	58,921	2,113	8,053	19,369	29,387
Hoima	40,991	1,207	1,027	21,941	16,815
Kabale	61,518	880	504	17,571	42,562
Kabarole	41,210	2,594	125	8,819	29,673
Kasese	66,325	1,022	787	25,331	39,185
Kibaale	41,583	649	2,536	8,302	30,096
Kisoro	33,030	684	167	12,680	19,500
Masindi	23,095	843	335	10,588	11,329
Mbarara	39,256	1,567	411	18,554	18,725
Ntungamo	49,581	503	622	21,098	27,359
Rukungiri	16,603	426	874	9,300	6,003
Kamwenge	35,027	365	505	10,351	23,806
Kanungu	31,843	334	328	9,593	21,588
Kyenjojo	35,453	229	2,815	17,738	14,672
Buliisa	4,681	21		550	4,110
Ibanda	25,319	402	952	9,889	14,076
Isingiro	42,055	414	53	4,904	36,685
Kiruhura	14,568	200		2,391	11,976

**Table A3.34: Number of Ag HHs by kind of access to Lorry**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,204		47		1,157
Kampala	22,026			477	21,549
Kiboga	27,968	12	484	7,830	19,642
Luwero	9,182			1,262	7,920
Masaka	57,015	90	4,678	19,588	32,658
Mpigi	27,965			5,708	22,256
Mubende	36,468			5,335	31,134
Mukono	87,351		1,050	40,716	45,585
Nakasongola	6,264	38	115	52	6,059
Rakai	25,878		419	159	25,299
Ssembabule	20,542	206	147	5,232	14,957
Kayunga	44,995	104	2,760	31,605	10,527
Wakiso	60,870	309	550	4,205	55,806
Lyantonde	8,388		67	134	8,186
Mityana	31,284	194	1,205	4,264	25,621
Nakaseke	9,629	61	62	1,250	8,256
Bugiri	26,252	106		202	25,944
Busia	34,284	76		5,982	28,226
Iganga	52,815		54	13,777	38,984
Jinja	36,953	101	852	33,470	2,530
Kamuli	82,217	157		39,358	42,702
Kapchorwa	16,612			188	16,424
Katakwi	19,354	80		3,341	15,932
Kumi	29,612	148	77	831	28,556
Mbale	17,840	153		2,582	15,104
Pallisa	63,460		270	20,989	42,202
Soroti	37,748	444		2,231	35,072
Tororo	41,445		135	1,435	39,875
Kaberamaido	20,975			1,121	19,854
Mayuge	45,851		121	21,656	24,075
Sironko	39,969			2,248	37,721
Amuria	18,411			2,742	15,669
Budaka	24,021	75		3,262	20,685
Bududa	13,665		113	821	12,730
Bukedea	8,128			356	7,772
Bukwo	9,542	204	328	2,632	6,377
Butaleja	17,234			2,642	14,592
Kaliro	27,740		901	24,609	2,231
Manafwa	30,298	53	162	1,995	28,088
Namutumba	25,388		464	4,126	20,798
Adjumani	4,003			166	3,837
Apac	35,166	445	352	6,137	28,231
Arua	33,587	105	1,139	7,983	24,359
Gulu	25,318		140	3,703	21,475
Kitgum	38,251		242	699	37,309
Kotido	9,324		43		9,281
Lira	67,968		1,097	14,923	51,948
Moroto	6,682				6,682
Moyo	16,584		40	399	16,146



<b>District</b>	<b>Ag HHs that reported</b>	<b>Own</b>	<b>Can borrow</b>	<b>Can hire</b>	<b>No access</b>
Nebbi	48,218	181	309	882	46,846
Nakapiripirit	7,946	210	210	301	7,225
Pader	10,614			441	10,173
Yumbe	18,887		170	4,875	13,842
Abim	2,605			196	2,409
Amolatar	10,969			666	10,303
Amuru	21,261	169	155	3,808	17,129
Dokolo	13,757		59	298	13,400
Kaabong	2,827				2,827
Koboko	18,523	284	117	6,303	11,819
Nyadri	12,133			116	12,016
Oyam	47,326		243	3,339	43,744
Bundibugyo	8,583			125	8,458
Bushenyi	57,092		5,219	13,764	38,109
Hoima	37,490		1,419	14,578	21,492
Kabale	57,106	140	386	7,411	49,169
Kabarole	36,457	1,427		644	34,385
Kasese	66,014	203	783	14,337	50,692
Kibaale	40,111		953	2,464	36,694
Kisoro	32,937		109	9,505	23,323
Masindi	19,449		61	5,042	14,347
Mbarara	38,717	130		16,694	21,894
Ntungamo	49,367		762	19,003	29,602
Rukungiri	11,903		380	3,621	7,903
Kamwenge	32,442	143		1,597	30,702
Kanungu	31,344		237	741	30,366
Kyenjojo	35,531	185	563	8,144	26,640
Buliisa	4,656			546	4,110
Ibanda	25,064		258	3,495	21,312
Isingiro	42,188	243	53	5,150	36,743
Kiruhura	14,630			2,031	12,599

**Table A3.35: Number of Ag HHs by kind of access to Tractor**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,221		21	17	1,182
Kampala	22,026				22,026
Kiboga	27,968	143	484	2,488	24,852
Luwero	9,317		159	1,778	7,380
Masaka	56,751	114	2,346	2,047	52,243
Mpigi	28,092	200	313	3,578	24,000
Mubende	33,202	403		1,020	31,779
Mukono	87,333	284	351	36,159	50,539
Nakasongola	6,344	26	166	601	5,551
Rakai	25,647		320		25,326
Ssembabule	20,467	111	73	3,267	17,016
Kayunga	45,009	104	2,602	27,265	15,039
Wakiso	61,292	164		3,083	58,045
Lyantonde	8,393	34	97	42	8,220
Mityana	31,284	63	318	3,269	27,633
Nakaseke	9,442			894	8,548
Bugiri	26,104				26,104
Busia	34,051	76	137	4,469	29,368
Iganga	54,623	319	332	20,073	33,898
Jinja	37,990		972	34,521	2,497
Kamuli	83,507		525	36,268	46,714
Kapchorwa	17,002		303	828	15,870
Katakwi	19,354			158	19,195
Kumi	29,415			83	29,332
Mbale	19,101	114	89	1,691	17,208
Pallisa	63,315		400	20,089	42,826
Soroti	37,592	387	132	1,907	35,165
Tororo	41,590	150		727	40,713
Kaberamaido	20,857				20,857
Mayuge	45,507		166	25,921	19,420
Sironko	40,122	111		4,729	35,281
Amuria	18,081			1,833	16,248
Budaka	24,046			3,492	20,553
Bududa	12,955			56	12,899
Bukedea	8,225			946	7,280
Bukwo	9,031	141	167	3,320	5,403
Butaleja	17,205	103		1,917	15,184
Kaliro	27,328		320	11,016	15,993
Manafwa	30,298			83	30,215
Namutumba	25,169		251	3,386	21,532
Adjumani	3,938	34		27	3,877
Apac	35,048	472		114	34,462
Arua	33,442		873	5,134	27,435
Gulu	25,188	140		2,748	22,300
Kitgum	38,251		121	806	37,324
Kotido	9,341		60		9,281
Lira	67,531	154	285	13,971	53,122
Moroto	6,682				6,682
Moyo	16,584				16,584

<b>District</b>	<b>Ag HHs that reported</b>	<b>Own</b>	<b>Can borrow</b>	<b>Can hire</b>	<b>No access</b>
Nebbi	47,707			893	46,814
Nakapiripirit	8,158	420		513	7,225
Pader	10,221		375	469	9,377
Yumbe	18,342		101		18,240
Abim	2,566				2,566
Amolatar	10,866			230	10,636
Amuru	21,127	169	84	1,848	19,026
Dokolo	13,679			73	13,607
Kaabong	2,827				2,827
Koboko	18,091	36		788	17,267
Nyadri	12,133				12,133
Oyam	47,147		243	140	46,764
Bundibugyo	8,662	132		125	8,405
Bushenyi	55,541	169	3,846	3,442	48,084
Hoima	37,182		745	12,567	23,870
Kabale	55,699			165	55,534
Kabarole	34,896	1,427	125	487	32,856
Kasese	66,853	171	743	7,453	58,485
Kibaale	40,051	111	1,263	1,853	36,824
Kisoro	32,341		109	108	32,124
Masindi	20,623	738		8,770	11,114
Mbarara	37,808	199		4,832	32,776
Ntungamo	48,434	439	280	2,853	44,862
Rukungiri	11,325		185	116	11,024
Kamwenge	32,278		90	82	32,106
Kanungu	31,566		70	1,263	30,233
Kyenjojo	34,798		134	711	33,953
Buliisa	4,542			282	4,260
Ibanda	24,806	78	172	661	23,896
Isingiro	42,068		53	636	41,379
Kiruhura	13,573	196		101	13,275

**Table A3.36: Number of Ag HHs by kind of access to Motorcycle**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,296	114	58	244	880
Kampala	23,050	327	1,007	3,767	17,950
Kiboga	28,807	5,612	2,203	7,070	13,921
Luwero	11,609	2,938	702	3,612	4,357
Masaka	59,025	9,334	6,792	22,912	19,988
Mpigi	33,076	8,264	2,873	13,213	8,726
Mubende	46,637	10,163	5,946	15,736	14,792
Mukono	88,358	6,158	4,855	66,044	11,301
Nakasongola	8,718	929	1,238	2,999	3,552
Rakai	28,945	5,222	1,004	8,305	14,414
Ssembabule	23,294	5,211	2,233	13,011	2,839
Kayunga	45,547	4,020	6,409	32,003	3,114
Wakiso	67,561	10,196	4,932	37,077	15,357
Lyantonde	8,513	743	1,068	2,356	4,345
Mityana	32,353	3,225	5,160	9,612	14,355
Nakaseke	12,713	2,253	2,566	5,185	2,708
Bugiri	29,370	3,079	143	7,492	18,655
Busia	34,446	793	1,610	15,886	16,157
Iganga	56,586	3,156	3,700	35,251	14,479
Jinja	37,312	2,901	7,547	25,156	1,708
Kamuli	82,410	3,652	7,926	53,513	17,318
Kapchorwa	17,159	169	78	1,415	15,496
Katakwi	19,240	476	311	5,233	13,220
Kumi	29,320	994	1,117	11,236	15,973
Mbale	20,886	2,015	2,631	8,787	7,453
Pallisa	62,901	4,928	1,196	29,063	27,714
Soroti	39,665	2,254	1,705	24,153	11,553
Tororo	46,273	1,546	909	17,472	26,345
Kaberamaido	21,774	805	765	4,699	15,505
Mayuge	45,675	2,380	5,427	29,697	8,171
Sironko	40,298	255	123	13,771	26,149
Amuria	18,731	746	646	11,344	5,995
Budaka	26,164	587	869	11,056	13,652
Bududa	15,019	275	235	3,006	11,503
Bukedea	8,466	280	315	5,473	2,397
Bukwo	8,813	227		2,018	6,568
Butaleja	17,728	1,045	995	5,623	10,065
Kaliro	27,597	717	3,523	21,269	2,088
Manafwa	30,549	603	720	7,941	21,285
Namutumba	25,022	944	3,174	12,798	8,106
Adjumani	5,039	981	305	266	3,488
Apac	38,741	2,904	3,203	10,069	22,565
Arua	37,122	2,836	8,626	11,840	13,820
Gulu	27,818	3,028	2,139	10,975	11,675
Kitgum	38,050	777	1,158	2,962	33,154
Kotido	9,324	86	43		9,195
Lira	72,571	1,511	10,334	24,712	36,013
Moroto	6,682			425	6,257
Moyo	16,872	1,189	919	4,953	9,810

<b>District</b>	<b>Ag HHs that reported</b>	<b>Own</b>	<b>Can borrow</b>	<b>Can hire</b>	<b>No access</b>
Nebbi	48,386	2,122	5,125	5,933	35,207
Nakapiripirit	8,569	772	512	1,632	5,653
Pader	10,565	107	2,611	375	7,473
Yumbe	18,594	723	1,555	3,728	12,588
Abim	3,037	464	46	157	2,370
Amolatar	11,181	633	1,349	5,314	3,885
Amuru	23,710	701	1,776	12,099	9,134
Dokolo	13,971	698	323	1,404	11,547
Kaabong	2,827				2,827
Koboko	18,234	2,789	4,964	5,746	4,736
Nyadri	12,571	1,028	1,891	1,486	8,166
Oyam	47,390	1,093	3,273	4,877	38,147
Bundibugyo	9,235	2,016	226	2,947	4,045
Bushenyi	59,325	9,374	11,895	21,806	16,252
Hoima	41,628	8,252	5,148	18,128	10,101
Kabale	58,823	2,787	478	10,506	45,052
Kabarole	44,801	7,669	1,298	24,166	11,668
Kasese	66,869	3,990	3,027	35,695	24,157
Kibaale	49,571	8,761	6,749	14,468	19,593
Kisoro	33,049	721	1,876	13,281	17,171
Masindi	24,480	5,720	1,884	8,615	8,262
Mbarara	40,757	3,300	4,047	17,469	15,941
Ntungamo	50,418	2,217	2,230	22,004	23,967
Rukungiri	24,291	3,589	5,565	12,350	2,788
Kamwenge	36,289	2,075	1,408	13,187	19,619
Kanungu	34,346	1,227	1,624	17,935	13,561
Kyenjojo	42,319	6,532	9,253	20,255	6,279
Buliisa	4,696	171	309	722	3,494
Ibanda	26,813	2,554	2,244	17,223	4,792
Isingiro	42,890	3,170	845	7,400	31,475
Kiruhura	18,370	5,068	431	2,974	9,896

**Table A3.37: Number of Ag HHs by kind of access to Bicycle**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,618	547	427	115	529
Kampala	22,989	1,440	2,960	2,037	16,552
Kiboga	31,539	20,569	3,485	739	6,747
Luwero	25,175	20,213	2,429	839	1,694
Masaka	73,246	53,943	7,740	3,275	8,289
Mpigi	52,026	36,514	7,913	3,122	4,477
Mubende	54,115	33,520	5,696	4,098	10,801
Mukono	88,990	44,513	22,228	17,378	4,870
Nakasongola	11,462	9,589	1,102	296	476
Rakai	40,534	28,290	5,636	2,145	4,463
Ssembabule	27,354	21,185	4,700	515	954
Kayunga	45,598	33,222	7,954	4,296	125
Wakiso	75,125	41,266	11,459	8,279	14,121
Lyantonde	9,037	5,875	1,389	316	1,457
Mityana	36,805	16,803	9,829	1,632	8,541
Nakaseke	14,948	9,375	3,031	602	1,941
Bugiri	64,922	51,637	8,059	2,595	2,631
Busia	36,712	27,149	4,187	1,519	3,858
Iganga	78,184	61,238	8,349	4,015	4,582
Jinja	41,305	28,852	5,375	6,993	84
Kamuli	92,440	74,228	10,876	4,508	2,827
Kapchorwa	16,682	253	1,369	371	14,689
Katakwi	22,738	15,368	3,226	1,209	2,935
Kumi	39,005	26,633	8,075	1,782	2,515
Mbale	38,926	20,347	9,162	5,859	3,558
Pallisa	68,256	46,032	9,897	6,885	5,441
Soroti	64,634	52,707	9,156	2,119	651
Tororo	55,943	35,971	6,431	7,561	5,980
Kaberamaido	25,747	19,842	3,226	214	2,465
Mayuge	46,012	36,414	6,252	1,656	1,690
Sironko	41,150	7,958	4,849	8,626	19,718
Amuria	36,369	30,614	4,770	317	667
Budaka	26,297	16,875	6,732	1,570	1,121
Bududa	15,626	2,016	864	1,757	10,989
Bukedea	22,286	16,899	2,315	2,040	1,033
Bukwo	8,700	227		1,687	6,786
Butaleja	26,485	19,892	2,317	2,390	1,886
Kaliro	28,451	21,169	4,650	2,479	153
Manafwa	34,243	10,604	5,508	3,459	14,671
Namutumba	28,280	21,078	2,510	3,144	1,548
Adjumani	17,101	13,253	2,296	569	984
Apac	62,577	53,078	5,016	2,289	2,194
Arua	48,812	31,787	11,229	2,663	3,133
Gulu	32,311	25,342	4,330	106	2,533
Kitgum	38,311	21,524	6,556	3,177	7,054
Kotido	10,762	1,576	2,660		6,526
Lira	81,434	59,543	11,495	2,744	7,652
Moroto	6,788	690	743	212	5,142
Moyo	18,576	8,124	4,857	983	4,613

<b>District</b>	<b>Ag HHs that reported</b>	<b>Own</b>	<b>Can borrow</b>	<b>Can hire</b>	<b>No access</b>
Nebbi	58,401	34,374	12,262	4,284	7,481
Nakapiripirit	10,475	3,768	2,871	1,217	2,619
Pader	41,821	33,814	5,809	964	1,234
Yumbe	32,544	24,694	3,883	1,752	2,216
Abim	5,911	2,448	1,985	243	1,235
Amolatar	16,179	14,201	1,676	172	130
Amuru	31,363	23,913	3,989	1,770	1,692
Dokolo	24,201	17,661	4,927	355	1,258
Kaabong	3,359	461	71		2,827
Koboko	21,591	17,133	3,878	229	351
Nyadri	20,008	17,480	2,103	125	300
Oyam	50,195	40,273	3,277	1,414	5,232
Bundibugyo	9,758	2,828	1,276	2,090	3,564
Bushenyi	79,790	51,658	14,885	2,440	10,808
Hoima	46,729	32,026	8,756	2,779	3,167
Kabale	68,062	29,801	9,723	9,130	19,407
Kabarole	53,649	29,847	12,901	6,800	4,101
Kasese	72,244	24,467	17,896	10,557	19,324
Kibaale	60,570	40,893	9,908	3,588	6,181
Kisoro	44,614	11,943	14,227	13,204	5,240
Masindi	41,828	34,987	3,117	1,048	2,676
Mbarara	45,813	31,065	7,380	3,234	4,134
Ntungamo	56,485	38,654	3,705	1,740	12,385
Rukungiri	35,900	20,783	13,246	1,276	595
Kamwenge	45,370	18,520	11,602	3,716	11,531
Kanungu	35,452	11,984	6,793	3,144	13,532
Kyenjojo	57,054	40,207	10,173	2,871	3,803
Buliisa	6,276	3,645	1,447	242	942
Ibanda	32,698	21,745	7,518	2,591	844
Isingiro	46,482	19,765	3,065	3,383	20,269
Kiruhura	26,243	21,591	761	796	3,096

**Table A3.38: Number of Ag HHs by kind of access to Oxen**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,204		21		1,182
Kampala	22,938			911	22,026
Kiboga	27,888	1,039	840	3,474	22,536
Luwero	9,431	146			9,286
Masaka	56,661	284	400	400	55,577
Mpigi	27,823	219			27,604
Mubende	33,760	127	55		33,578
Mukono	87,723	119	282	6,652	80,669
Nakasongola	6,608	1,221	337	765	4,284
Rakai	25,986	325	392		25,268
Ssembabule	20,391	111			20,280
Kayunga	45,229	660	3,648	9,880	31,041
Wakiso	60,127	697		160	59,269
Lyantonde	8,508	104		37	8,368
Mityana	31,200	63	65	222	30,851
Nakaseke	9,611	57	56	154	9,344
Bugiri	26,755	1,206	427	1,525	23,598
Busia	34,062	1,029	902	15,363	16,768
Iganga	54,168	2,652	810	17,170	33,536
Jinja	37,056		2,930	14,029	20,098
Kamuli	82,403	3,897	3,849	50,726	23,931
Kapchorwa	16,730	1,322	763	1,416	13,229
Katakwi	19,875	9,390	3,231	3,280	3,974
Kumi	32,650	11,294	4,601	7,543	9,213
Mbale	19,813	293	1,311	2,325	15,884
Pallisa	65,380	13,257	5,458	27,140	19,525
Soroti	42,793	23,458	3,942	8,423	6,969
Tororo	40,876	4,480	1,425	11,084	23,888
Kaberamaido	21,821	6,623	4,086	3,507	7,606
Mayuge	45,769		840	23,820	21,109
Sironko	40,134	890	98	4,670	34,476
Amuria	26,936	17,994	5,417	1,506	2,019
Budaka	25,701	1,585	2,067	11,141	10,908
Bududa	13,198		153	91	12,955
Bukedea	9,838	4,225	1,557	1,869	2,186
Bukwo	11,111	2,266	277	3,078	5,489
Butaleja	20,259	2,696	353	7,067	10,143
Kaliro	27,795	4,113	1,953	18,610	3,119
Manafwa	30,871	1,829	527	7,589	20,926
Namutumba	25,301	1,589	1,817	12,237	9,658
Adjumani	5,610	955	929	560	3,167
Apac	42,402	11,524	4,197	7,583	19,097
Arua	33,503			575	32,928
Gulu	26,034	3,908	1,225	6,231	14,671
Kitgum	38,048	3,274	1,186	1,209	32,378
Kotido	10,348	3,561	535		6,252
Lira	66,016	18,276	17,178	8,118	22,444
Moroto	7,027	2,522	212	106	4,186
Moyo	16,544	670	1,181	3,450	11,242



District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Nebbi	47,554			319	47,235
Nakapiripirit	9,213	3,981	923	2,198	2,112
Pader	10,933	1,662	515	1,213	7,543
Yumbe	18,221	277	340		17,604
Abim	3,009	266	307	974	1,462
Amolatar	11,241	6,586	906	2,341	1,409
Amuru	21,187	726	1,007	1,192	18,262
Dokolo	16,087	6,692	784	2,871	5,740
Kaabong	2,827	440		336	2,051
Koboko	17,970	48		429	17,493
Nyadri	12,133	102			12,031
Oyam	47,178	2,448	910	3,007	40,813
Bundibugyo	8,466			125	8,341
Bushenyi	52,641	402	197		52,042
Hoima	37,015	243		214	36,559
Kabale	55,868	292		236	55,340
Kabarole	34,664	1,715		431	32,519
Kasese	66,118	282	208	227	65,402
Kibaale	40,003	150	372		39,481
Kisoro	32,624	108	219	527	31,771
Masindi	22,047	1,858	57	1,815	18,317
Mbarara	38,580	417		391	37,772
Ntungamo	48,599	270	251	337	47,740
Rukungiri	11,456	88	131		11,237
Kamwenge	32,199	213		679	31,306
Kanungu	31,476		147	98	31,231
Kyenjojo	35,153		134		35,019
Buliisa	4,656				4,656
Ibanda	24,994				24,994
Isingiro	42,188		155	102	41,931
Kiruhura	13,357	90			13,267

**Table A3.39: Number of Ag HHs by kind of access to Donkeys / Mules**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,204		21		1,182
Kampala	22,938				22,938
Kiboga	27,968		564	290	27,114
Luwero	9,357				9,357
Masaka	57,065		133	667	56,265
Mpigi	27,604				27,604
Mubende	33,922			172	33,750
Mukono	87,742		153	1,238	86,351
Nakasongola	5,826		115	134	5,578
Rakai	25,986		320		25,665
Ssembabule	20,391	111			20,280
Kayunga	44,091		1,154	2,431	40,506
Wakiso	60,784				60,784
Lyantonde	8,508				8,508
Mityana	31,165	63	65		31,037
Nakaseke	9,442			49	9,393
Bugiri	26,104				26,104
Busia	34,403	76		1,263	33,064
Iganga	53,378		191	450	52,738
Jinja	37,113		174	612	36,327
Kamuli	82,048		347	923	80,778
Kapchorwa	20,462	2,554	2,008	5,953	9,946
Katakwi	19,312		65		19,247
Kumi	29,220			83	29,137
Mbale	16,514	101		101	16,311
Pallisa	63,430			707	62,723
Soroti	37,557	249			37,308
Tororo	40,799				40,799
Kaberamaido	20,788				20,788
Mayuge	45,757		187	453	45,117
Sironko	41,365		586	5,697	35,082
Amuria	17,880		93		17,788
Budaka	23,860			74	23,786
Bududa	13,021		66		12,955
Bukedea	8,321		56		8,264
Bukwo	19,756	6,509	3,027	7,498	2,722
Butaleja	17,421			182	17,239
Kaliro	26,968	79	166	6,357	20,365
Manafwa	30,277			2,164	28,113
Namutumba	25,164	74	169		24,920
Adjumani	3,938				3,938
Apac	35,227			114	35,113
Arua	33,587				33,587
Gulu	24,819				24,819
Kitgum	38,151		80	168	37,904
Kotido	12,378	4,223	1,543	19	6,593
Lira	61,388	293	165	967	59,964
Moroto	6,815	1,805	531	319	4,160
Moyo	16,512				16,512

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Nebbi	47,735				47,735
Nakapiripirit	8,632	1,131	1,477	2,618	3,405
Pader	10,094				10,094
Yumbe	18,580		101		18,479
Abim	2,566				2,566
Amolatar	10,857				10,857
Amuru	21,056	84	169	70	20,733
Dokolo	13,398	68			13,330
Kaabong	4,943	1,795	386	351	2,412
Koboko	17,970			381	17,589
Nyadri	12,133				12,133
Oyam	47,058		226		46,832
Bundibugyo	8,583			125	8,458
Bushenyi	52,407				52,407
Hoima	36,906			107	36,800
Kabale	55,576				55,576
Kabarole	34,233	1,427			32,806
Kasese	66,432	138	104	227	65,963
Kibaale	40,003		372		39,631
Kisoro	32,517		109		32,408
Masindi	19,308			57	19,250
Mbarara	38,556	106		108	38,343
Ntungamo	48,599	108	123	253	48,114
Rukungiri	11,468				11,468
Kamwenge	32,320				32,320
Kanungu	31,565		70		31,495
Kyenjojo	35,016		134		34,882
Buliisa	4,656				4,656
Ibanda	24,994				24,994
Isingiro	42,188		53		42,136
Kiruhura	13,357				13,357

**Table A3.40: Number of Ag HHs by kind of access to Boats / Ferry**

<b>District</b>	<b>Ag HHs that reported</b>	<b>Own</b>	<b>Can borrow</b>	<b>Can hire</b>	<b>No access</b>
Kalangala	1,280	14	93	300	873
Kampala	22,886				22,886
Kiboga	27,894		484	1,251	26,159
Luwero	9,357		71		9,286
Masaka	56,647		133	667	55,847
Mpigi	27,832	910		114	26,808
Mubende	33,727			172	33,555
Mukono	87,727	256	264	6,609	80,598
Nakasongola	6,132	384	195	590	4,963
Rakai	25,870		320		25,550
Ssembabule	20,467	111			20,356
Kayunga	43,741	384		2,461	40,896
Wakiso	61,269		657	5,342	55,270
Lyantonde	8,508				8,508
Mityana	31,284	63	65	119	31,037
Nakaseke	9,475				9,475
Bugiri	36,752	1,948		9,481	25,323
Busia	34,499			1,558	32,941
Iganga	53,073		191	476	52,407
Jinja	37,113		174	1,512	35,427
Kamuli	82,592	263	1,403	13,640	67,286
Kapchorwa	16,457				16,457
Katakwi	19,312		65	685	18,562
Kumi	29,324	190	152	83	28,900
Mbale	16,224				16,224
Pallisa	63,430	1,954	261	699	60,516
Soroti	37,117		132		36,985
Tororo	40,799				40,799
Kaberamaido	20,642		496	65	20,081
Mayuge	45,800		1,112	5,476	39,212
Sironko	40,131			170	39,961
Amuria	17,673				17,673
Budaka	23,860				23,860
Bududa	13,021		66		12,955
Bukedea	8,321				8,321
Bukwo	8,931			122	8,809
Butaleja	17,093				17,093
Kaliro	26,681	143	87	8,275	18,176
Manafwa	30,298				30,298
Namutumba	25,085		169		24,916
Adjumani	4,028			90	3,938
Apac	34,806	251		2,269	32,286
Arua	33,587				33,587
Gulu	24,707				24,707
Kitgum	38,048			168	37,880
Kotido	9,173		43		9,130
Lira	61,096		144	659	60,292
Moroto	6,682				6,682
Moyo	16,512		88	1,667	14,758

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Nebbi	47,883				47,883
Nakapiripirit	6,197				6,197
Pader	10,094				10,094
Yumbe	18,580		101		18,479
Abim	2,566				2,566
Amolatar	10,807	173	165	578	9,891
Amuru	21,056	169	84	70	20,733
Dokolo	13,271	143			13,128
Kaabong	2,987	160			2,827
Koboko	17,970			48	17,922
Nyadri	12,133				12,133
Oyam	47,058		105	269	46,684
Bundibugyo	8,583			125	8,458
Bushenyi	52,064				52,064
Hoima	38,517	1,252		465	36,800
Kabale	58,986	1,901	1,092	554	55,439
Kabarole	34,345	1,427			32,918
Kasese	66,262	415	104	227	65,517
Kibaale	39,805		372		39,433
Kisoro	32,725		184	208	32,333
Masindi	19,250		86		19,165
Mbarara	38,340			108	38,232
Ntungamo	48,599	108	123	253	48,114
Rukungiri	11,468				11,468
Kamwenge	32,320			89	32,231
Kanungu	31,491		70		31,421
Kyenjojo	35,016		134		34,882
Buliisa	4,657	2	14		4,642
Ibanda	24,994				24,994
Isingiro	42,188		53		42,136
Kiruhura	13,357				13,357

**Table A3.41: Number of Ag HHs by kind of access to Wheel Barrow**

District	Ag HHs that reported	Own	Can borrow	Can hire	No access
Kalangala	1,378	120	226	149	883
Kampala	23,618	2,852	885	287	19,594
Kiboga	28,254	3,155	6,824	2,419	15,855
Luwero	9,795	1,552	2,924	258	5,060
Masaka	58,391	8,029	13,369	2,893	34,100
Mpigi	31,279	5,179	8,135	4,590	13,376
Mubende	35,214	4,117	6,400	541	24,156
Mukono	88,141	9,302	37,082	22,167	19,591
Nakasongola	6,415	512	1,890	446	3,567
Rakai	27,255	3,494	2,716	815	20,230
Ssembabule	20,854	3,642	6,856	2,336	8,019
Kayunga	45,222	6,231	24,027	7,682	7,282
Wakiso	66,640	19,844	13,445	7,012	26,339
Lyantonde	8,604	866	1,688	237	5,814
Mityana	31,761	3,534	5,850	1,120	21,256
Nakaseke	11,171	1,423	2,412	1,031	6,306
Bugiri	35,230	9,711	1,622	727	23,170
Busia	34,426	4,775	10,513	8,395	10,743
Iganga	56,267	4,309	11,725	14,364	25,869
Jinja	36,200	6,591	21,488	5,821	2,300
Kamuli	82,360	2,602	28,832	20,318	30,608
Kapchorwa	17,743	1,240	2,345	222	13,936
Katakwi	19,509	1,114	7,351	246	10,798
Kumi	30,644	2,068	10,803	1,206	16,567
Mbale	26,078	4,112	10,283	1,787	9,895
Pallisa	63,558	2,849	1,601	15,765	43,343
Soroti	40,491	5,666	23,158	3,346	8,321
Tororo	46,138	3,355	12,802	2,407	27,573
Kaberamaido	22,722	680	10,378	1,214	10,451
Mayuge	45,854	3,298	22,687	8,450	11,419
Sironko	42,081	1,659	7,543	6,180	26,699
Amuria	21,446	3,287	10,765	244	7,149
Budaka	24,098	1,490	6,932	1,813	13,864
Bududa	15,275	678	2,591	121	11,886
Bukedea	9,408	640	3,344	617	4,807
Bukwo	8,730	471	227	122	7,911
Butaleja	17,786	884	4,780	2,108	10,013
Kaliro	27,586	599	16,681	9,157	1,148
Manafwa	31,013	3,159	1,609	3,569	22,676
Namutumba	25,384	1,722	5,386	2,488	15,789
Adjumani	4,572	474	585	40	3,474
Apac	39,900	3,377	11,867	7,625	17,032
Arua	36,606	2,435	14,346	2,046	17,779
Gulu	28,680	5,190	9,565	1,763	12,162
Kitgum	38,247	2,259	5,860	546	29,581
Kotido	9,602	43	428		9,130
Lira	73,380	6,239	34,802	4,692	27,647
Moroto	6,682		319		6,363
Moyo	16,638	1,301	4,062	452	10,823

<b>District</b>	<b>Ag HHs that reported</b>	<b>Own</b>	<b>Can borrow</b>	<b>Can hire</b>	<b>No access</b>
Nebbi	52,158	2,077	5,753	3,497	40,831
Nakapiripirit	8,492	528	2,677	787	4,499
Pader	12,921	2,462	2,391	960	7,108
Yumbe	18,836	785	1,344	577	16,130
Abim	3,167	334	1,386	76	1,371
Amolatar	10,968	759	2,853	2,158	5,199
Amuru	21,786	885	3,599	566	16,737
Dokolo	16,877	1,587	8,466	1,970	4,855
Kaabong	2,827	61		405	2,362
Koboko	17,970	534	2,184	361	14,891
Nyadri	12,133	1,762	4,617	102	5,653
Oyam	47,356	2,617	7,895	1,941	34,903
Bundibugyo	11,021	2,936	1,915	84	6,086
Bushenyi	58,762	8,459	14,033	1,918	34,351
Hoima	38,310	4,948	12,803	986	19,573
Kabale	56,415	3,285	6,042	446	46,642
Kabarole	43,061	4,640	4,170	1,920	32,331
Kasese	66,303	7,629	16,184	1,508	40,983
Kibaale	40,116	1,218	3,138	2,899	32,862
Kisoro	34,076	406	9,036	2,243	22,391
Masindi	19,882	1,804	4,070	2,185	11,823
Mbarara	41,004	2,762	12,977	4,488	20,777
Ntungamo	51,508	5,134	12,371	6,618	27,386
Rukungiri	19,533	2,774	11,680	550	4,529
Kamwenge	32,341	1,074	863	1,360	29,044
Kanungu	32,375	3,535	6,364	1,908	20,568
Kyenjojo	36,700	3,899	13,716	4,749	14,335
Buliisa	4,657	2	438		4,218
Ibanda	25,216	1,019	6,284	1,035	16,878
Isingiro	42,577	1,451	1,300	299	39,527
Kiruhura	16,175	2,001	1,731	135	12,308

**Table A3.42: Number of Ag HHs that reported having a Storage Facility by district**

<b>District</b>	<b>Ag HHs that responded</b>	<b>Ag HHs with a storage facility</b>	<b>% Within district</b>
Kalangala	2,623	172	6.6
Kampala	25,464	216	0.8
Kiboga	34,727	12,707	36.6
Luwero	31,967	14,453	45.2
Masaka	86,820	51,901	59.8
Mpigi	70,399	45,065	64.0
Mubende	70,066	27,836	39.7
Mukono	94,070	51,460	54.7
Nakasongola	12,971	8,566	66.0
Rakai	58,994	23,062	39.1
Ssembabule	31,708	16,429	51.8
Kayunga	45,964	24,648	53.6
Wakiso	78,530	18,691	23.8
Lyantonde	9,313	2,115	22.7
Mityana	45,306	16,948	37.4
Nakaseke	16,564	4,827	29.1
Bugiri	71,228	44,071	61.9
Busia	38,126	32,745	85.9
Iganga	87,916	69,553	79.1
Jinja	43,160	28,947	67.1
Kamuli	95,146	77,643	81.6
Kapchorwa	22,547	9,851	43.7
Katakwi	25,716	24,880	96.7
Kumi	43,075	17,724	41.1
Mbale	50,494	10,500	20.8
Pallisa	69,059	50,345	72.9
Soroti	72,710	50,609	69.6
Tororo	66,059	41,871	63.4
Kaberamaido	26,323	23,455	89.1
Mayuge	46,012	28,478	61.9
Sironko	50,653	24,618	48.6
Amuria	37,228	34,044	91.4
Budaka	26,297	23,820	90.6
Bududa	18,724	12,713	67.9
Bukedea	26,154	6,889	26.3
Bukwo	22,164	17,069	77.0
Butaleja	29,345	22,328	76.1
Kaliro	28,600	15,012	52.5
Manafwa	44,167	17,640	39.9
Namutumba	28,982	12,285	42.4
Adjumani	22,292	15,388	69.0
Apac	69,996	37,876	54.1
Arua	53,910	38,329	71.1
Gulu	34,047	21,874	64.2
Kitgum	39,347	26,226	66.7
Kotido	19,311	11,319	58.6
Lira	85,968	38,689	45.0



<b>District</b>	<b>Ag HHs that responded</b>	<b>Ag HHs with a storage facility</b>	<b>% Within district</b>
Moroto	13,942	6,160	44.2
Moyo	20,188	7,561	37.5
Nebbi	71,133	33,758	47.5
Nakapiripirit	25,873	19,854	76.7
Pader	50,951	34,572	67.9
Yumbe	42,913	24,166	56.3
Abim	8,810	7,073	80.3
Amolatar	16,712	11,274	67.5
Amuru	35,614	17,442	49.0
Dokolo	26,370	22,978	87.1
Kaabong	19,657	10,652	54.2
Koboko	23,141	12,736	55.0
Nyadri	24,595	14,348	58.3
Oyam	50,931	46,905	92.1
Bundibugyo	20,158	8,314	41.2
Bushenyi	101,429	42,726	42.1
Hoima	50,684	38,223	75.4
Kabale	82,386	46,645	56.6
Kabarole	72,186	21,637	30.0
Kasese	83,848	30,647	36.6
Kibaale	73,311	36,136	49.3
Kisoro	50,215	26,992	53.8
Masindi	45,282	25,906	57.2
Mbarara	52,618	28,044	53.3
Ntungamo	58,761	14,250	24.3
Rukungiri	49,847	45,656	91.6
Kamwenge	52,014	30,220	58.1
Kanungu	38,230	27,225	71.2
Kyenjojo	74,469	18,407	24.7
Buliisa	8,223	6,037	73.4
Ibanda	34,150	23,755	69.6
Isingiro	55,535	20,333	36.6
Kiruhura	30,646	8,370	27.3

**Table A3.43: Number of Ag HHs by Type of Storage Facility by district**

District	Ag HHs that reported:							
	Improved granary	Unimproved granary	In house	Specific house / room	Under shelter outside	Cribs	Over fire place	Sealed containers
Kalangala		80						
Kampala			116					
Kiboga		929	8,736	2,680	173	384		
Luwero	804	603	10,004	2,352	316		268	
Masaka	707	732	28,876	15,218	219		9,362	372
Mpigi		2,978	27,382	10,181			4,396	382
Mubende		1,523	18,255	7,853				
Mukono		1,031	36,067	10,315	910		4,980	975
Nakasongola	127	1,544	6,360	1,373			1,067	
Rakai		668	16,641	5,930			452	
Ssembabule		550	11,268	5,333			897	195
Kayunga		915	19,145	3,862				
Wakiso		321	7,063	6,436	1,227		321	
Lyantonde		572	1,454	260				
Mityana		2,189	8,738	3,662			642	
Nakaseke			3,259	943			180	
Bugiri	570	4,751	21,377	17,004	143			
Busia	849	9,249	13,056	2,061				1,204
Iganga	535	313	59,027	9,289				
Jinja	489	11,593	17,365	9,083			3,404	739
Kamuli	569		53,597	13,660	963		723	12,465
Kapchorwa	2,274	5,744						
Katakwi		5,055	11,388	404			140	1,544
Kumi		5,953	10,138	2,124				
Mbale		312	5,408	3,007	404			1,306
Pallisa		1,520	41,964	6,756				
Soroti	4,077	21,701	24,301	3,825				1,595
Tororo	1,493	11,602	22,961	6,695			467	1,136
Kaberamaido	149	13,437	13,021	893				
Mayuge		356	24,030	4,120				
Sironko		933	13,319	6,082			2,064	636
Amuria	299	12,804	18,868	5,578			450	2,635
Budaka		2,840	13,528	6,534				222
Bududa		92	8,398	3,314	1,455			
Bukedea		2,269	5,619					
Bukwo	2,840	13,734	255	67				
Butaleja	543	1,610	10,580	11,431				
Kaliro	92	1,526	8,122	4,792				
Manafwa		613	7,625	8,762				
Namutumba	230	572	9,300	2,514				
Adjumani		1,627	11,064	2,456	365		501	246
Apac	2,795	11,121	25,635	6,039	371		1,296	
Arua		14,763	25,040	4,800	3,302	1,077	8,429	3,403
Gulu	944	4,990	16,847	4,098		765	771	
Kitgum	3,592	5,833	16,431	2,315				
Kotido	56	9,908	1,020	152	508			
Lira	4,430	14,134	17,315	6,838				

Ag HHs that reported:								
District	Improved granary	Unimproved granary	In house	Specific house / room	Under shelter outside	Cribs	Over fire place	Sealed containers
Moroto		1,699	1,062	319				
Moyo	791	1,021	3,724	1,180			178	
Nebbi		1,552	25,191	5,403	486		1,412	
Nakapiripirit	5,816	11,317	1,672	130				
Pader	617	7,317	13,117	1,903		880	753	
Yumbe		6,036	15,943	704	168		398	
Abim	553	5,410						
Amolatar	1,241	3,931	6,239	1,485				
Amuru	451	1,031	12,649	1,524	890		1,083	
Dokolo	160	12,385	15,814	1,064				
Kaabong	340	8,330	2,111	4,896				
Koboko	234	1,222	5,650	1,028	191	192		566
Nyadri		1,956	12,016	5,324			2,285	
Oyam	600	5,135	38,650		287	250	714	
Bundibugyo			5,687	2,628				
Bushenyi	3,167	6,129	27,513	7,312	3,270	409	4,589	6,509
Hoima	159	1,187	20,860	15,799	391	586		2,656
Kabale	320	1,700	25,976	14,113	286			887
Kabarole		3,324	11,304	5,458	851		567	515
Kasese		1,065	18,572	8,409			3,073	2,352
Kibaale		645	18,826	15,464	2,476	1,086	2,299	647
Kisoro	701	6,084	17,968	4,225	201	4,067		
Masindi	1,511	5,007	13,530	3,923	3,149		370	
Mbarara	1,691	7,390	11,731	5,316			333	3,120
Ntungamo	235	2,311	9,744	1,084		940	675	373
Rukungiri	667	6,667	23,935	14,043	292		2,225	
Kamwenge		1,725	20,178	6,246	705	340		
Kanungu	166	2,499	19,722	4,453	191			
Kyenjojo		1,990	11,531	2,852		341	395	874
Buliisa		139	4,023	1,755				
Ibanda	492	2,710	12,548	8,963	172	378	1,173	260
Isingiro	341	3,818	14,211	2,259	180		285	
Kiruhura	260	1,233	4,296	2,220				

**Table A4.1: Ag HH that Had Any Type of Irrigation**

District	Ag HHs that responded	Ag HHs that Had Any Type of Irrigation	
		Number	%
Kalangala	2,623	24	0.9
Kampala	25,464	177	0.7
Kiboga	34,727		
Luwero	31,967	669	2.1
Masaka	86,820	1,658	1.9
Mpigi	70,399	1,140	1.6
Mubende	70,066		
Mukono	94,070		
Nakasongola	12,971		
Rakai	58,994	631	1.1
Ssembabule	31,708	558	1.8
Kayunga	45,964		
Wakiso	78,530	502	0.6
Lyantonde	9,313		
Mityana	45,306		
Nakaseke	16,564	134	0.8
Bugiri	71,228	1,280	1.8
Busia	38,126		
Iganga	87,916	2,832	3.2
Jinja	43,160	333	0.8
Kamuli	95,146	1,339	1.4
Kapchorwa	22,547		
Katakwi	25,716		
Kumi	43,075		
Mbale	50,494		
Pallisa	69,059		
Soroti	72,710	913	1.3
Tororo	66,059	762	1.2
Kaberamaido	26,323		
Mayuge	46,012	840	1.8
Sironko	50,653	405	0.8
Amuria	37,228		
Budaka	26,297	4,641	17.6
Bududa	18,724	305	1.6
Bukedea	26,154		
Bukwo	22,164		
Butaleja	29,345	1,119	3.8
Kaliro	28,600	1,275	4.5
Manafwa	44,167		
Namutumba	28,982	742	2.6
Adjumani	22,292	290	1.3
Apac	69,996		
Arua	53,910	800	1.5
Gulu	34,047	1,037	3.0
Kitgum	39,347		
Kotido	19,311		
Lira	85,968		

District	Ag HHs that responded	Ag HHs that Had Any Type of Irrigation	
		Number	%
Moroto	13,942		
Moyo	20,188		
Nebbi	71,133	280	0.4
Nakapiripi-t	25,873		
Pader	50,951		
Yumbe	42,913		
Abim	8,810		
Amolatar	16,712		
Amuru	35,614		
Dokolo	26,370		
Kaabong	19,657		
Koboko	23,141		
Nyadri	24,595		
Oyam	50,931	369	0.7
Bundibugyo	20,158		
Bushenyi	101,429		
Hoima	50,684	2,637	5.2
Kabale	82,386	900	1.1
Kabarole	72,186		
Kasese	83,848		
Kibaale	73,311	949	1.3
Kisoro	50,215		0.0
Masindi	45,282	187	0.4
Mbarara	52,618		
Ntungamo	58,761	306	0.5
Rukungiri	49,847	321	0.6
Kamwenge	52,014		
Kanungu	38,230		
Kyenjojo	74,469		
Buliisa	8,223		
Ibanda	34,150	602	1.8
Isingiro	55,535	402	0.7
Kiruhura	30,646		
<b>UGANDA</b>	<b>3,575,064</b>	<b>31,359</b>	<b>0.9</b>

**Table A4.2: Total of Ag Household by District that Practice Wet Land and In Valley cultivation**

District	Ag HHs that responded	Ag HHs that Practiced Wet Land and in Valley Cultivation	
		Number	%
Kalangala	2,623	184	7.0
Kampala	25,464	291	1.1
Kiboga	34,727	2,193	6.3
Luwero	31,967	2,418	7.6
Masaka	86,820	4,559	5.3
Mpigi	70,399	7,220	10.3
Mubende	70,066	4,984	7.1
Mukono	94,070	7,554	8.0
Nakasongola	12,971	691	5.3
Rakai	58,994	427	0.7
Ssembabule	31,708	3,736	11.8
Kayunga	45,964	4,475	9.7
Wakiso	78,530	2,746	3.5
Lyantonde	9,313	267	2.9
Mityana	45,306	3,013	6.7
Nakaseke	16,564	1,268	7.7
Bugiri	71,228	11,700	16.4
Busia	38,126	3,065	8.0
Iganga	87,916	6,854	7.8
Jinja	43,160	8,364	19.4
Kamuli	95,146	4,123	4.3
Kapchorwa	22,547		
Katakwi	25,716	2,279	8.9
Kumi	43,075	24,036	55.8
Mbale	50,494	509	1.0
Pallisa	69,059	12,970	18.8
Soroti	72,710	8,029	11.0
Tororo	66,059	2,341	3.5
Kaberamaido	26,323	1,788	6.8
Mayuge	46,012	7,279	15.8
Sironko	50,653	717	1.4
Amuria	37,228	1,536	4.1
Budaka	26,297	1,242	4.7
Bududa	18,724	2,768	14.8
Bukedea	26,154	2,475	9.5
Bukwo	22,164		
Butaleja	29,345	4,486	15.3
Kaliro	28,600	10,185	35.6
Manafwa	44,167	5,773	13.1
Namutumba	28,982	2,983	10.3
Adjumani	22,292	5,277	23.7
Apac	69,996	21,395	30.6
Arua	53,910	11,773	21.8
Gulu	34,047	16,897	49.6
Kitgum	39,347	12,125	30.8
Kotido	19,311	2,461	12.7

District	Ag HHs that responded	Ag HHs that Practiced Wet Land and in Valley Cultivation	
		Number	%
Lira	85,968	17,791	20.7
Moroto	13,942		
Moyo	20,188	2,877	14.3
Nebbi	71,133	9,446	13.3
Nakapiripi-t	25,873	1,229	4.8
Pader	50,951	5,256	10.3
Yumbe	42,913	3,389	7.9
Abim	8,810	410	4.7
Amolatar	16,712	276	1.7
Amuru	35,614	10,387	29.2
Dokolo	26,370	9,656	36.6
Kaabong	19,657		
Koboko	23,141	6,508	28.1
Nyadri	24,595	5,757	23.4
Oyam	50,931	5,308	10.4
Bundibugyo	20,158	2,684	13.3
Bushenyi	101,429	23,168	22.8
Hoima	50,684	4,418	8.7
Kabale	82,386	12,874	15.6
Kabarole	72,186	15,147	21.0
Kasese	83,848	5,882	7.0
Kibaale	73,311	5,270	7.2
Kisoro	50,215	4,115	8.2
Masindi	45,282	4,424	9.8
Mbarara	52,618	12,233	23.2
Ntungamo	58,761	11,648	19.8
Rukungiri	49,847	13,241	26.6
Kamwenge	52,014	357	0.7
Kanungu	38,230	2,945	7.7
Kyenjojo	74,469	7,787	10.5
Buliisa	8,223	761	9.3
Ibanda	34,150	9,924	29.1
Isingiro	55,535	12,332	22.2
Kiruhura	30,646	12,273	40.0
<b>UGANDA</b>	<b>3,575,064</b>	<b>481,229</b>	<b>13.5</b>

**Table A4.3: Total Number of Ag HHs That Practiced Flood Recession cultivation**

District	Ag HHs that responded	Ag HHs that practiced Flood Recession Cultivation	
		Number	%
Kalangala	2,623	135	5.1
Kampala	25,464	51	0.2
Kiboga	34,727	178	0.5
Luwero	31,967	233	0.7
Masaka	86,820	4,389	5.1
Mpigi	70,399	1,103	1.6
Mubende	70,066	267	0.4
Mukono	94,070	3,415	3.6
Nakasongola	12,971	51	0.4
Rakai	58,994	393	0.7
Ssembabule	31,708	5,679	17.9
Kayunga	45,964	2,250	4.9
Wakiso	78,530	42	0.1
Lyantonde	9,313	3,516	37.8
Mityana	45,306	301	0.7
Nakaseke	16,564	751	4.5
Bugiri	71,228	941	1.3
Busia	38,126	3,824	10.0
Iganga	87,916	10,128	11.5
Jinja	43,160	356	0.8
Kamuli	95,146	1,469	1.5
Kapchorwa	22,547		
Katakwi	25,716	3,454	13.4
Kumi	43,075	71	0.2
Mbale	50,494	1,802	3.6
Pallisa	69,059	15,883	23.0
Soroti	72,710	6,724	9.2
Tororo	66,059	5,727	8.7
Kaberamaido	26,323		
Mayuge	46,012	362	0.8
Sironko	50,653	3,130	6.2
Amuria	37,228	5,331	14.3
Budaka	26,297	7,905	30.1
Bududa	18,724	1,674	8.9
Bukedea	26,154	5,091	19.5
Bukwo	22,164	979	4.4
Butaleja	29,345	6,571	22.4
Kaliro	28,600	3,230	11.3
Manafwa	44,167	122	0.3
Namutumba	28,982		
Adjumani	22,292	1,701	7.6
Apac	69,996	2,523	3.6
Arua	53,910	2,035	3.8
Gulu	34,047	521	1.5
Kitgum	39,347	426	1.1
Kotido	19,311	2,457	12.7



District	Ag HHs that responded	Ag HHs that practiced Flood Recession Cultivation	
		Number	%
Lira	85,968	1,352	1.6
Moroto	13,942	425	3.0
Moyo	20,188	1,144	5.7
Nebbi	71,133	1,673	2.4
Nakapiripi-t	25,873	4,991	19.3
Pader	50,951	140	0.3
Yumbe	42,913	352	0.8
Abim	8,810	104	1.2
Amolatar	16,712	383	2.3
Amuru	35,614	1,373	3.9
Dokolo	26,370	1,882	7.1
Kaabong	19,657	4,103	20.9
Koboko	23,141	3,161	13.7
Nyadri	24,595		
Oyam	50,931	5,094	10.0
Bundibugyo	20,158	455	2.3
Bushenyi	101,429	7,194	7.1
Hoima	50,684	1,542	3.0
Kabale	82,386	15,031	18.2
Kabarole	72,186		
Kasese	83,848	3,924	4.7
Kibaale	73,311	2,300	3.1
Kisoro	50,215	3,606	7.2
Masindi	45,282	765	1.7
Mbarara	52,618	614	1.2
Ntungamo	58,761	14,776	25.1
Rukungiri	49,847	853	1.7
Kamwenge	52,014		
Kanungu	38,230	1,907	5.0
Kyenjojo	74,469	2,387	3.2
Buliisa	8,223		
Ibanda	34,150	2,942	8.6
Isingiro	55,535	3,736	6.7
Kiruhura	30,646	171	0.6
<b>UGANDA</b>	<b>3,575,064</b>	<b>205,571</b>	<b>5.8</b>

**Table A4.4: Total of Ag HH by District That Used Other Water Management Practices**

District	Ag HHs that responded	Ag HHs that Used Other Water Management Practices	
		Number	%
Kalangala	2,623	754	28.7
Kampala	25,464	4,045	15.9
Kiboga	34,727	4,132	11.9
Luwero	31,967	9,333	29.2
Masaka	86,820	11,651	13.4
Mpigi	70,399	2,558	3.6
Mubende	70,066	26,005	37.1
Mukono	94,070	32,452	34.5
Nakasongola	12,971	4,497	34.7
Rakai	58,994	133	0.2
Ssembabule	31,708	4,524	14.3
Kayunga	45,964	9,002	19.6
Wakiso	78,530	43,164	55.0
Lyantonde	9,313	2,079	22.3
Mityana	45,306	17,412	38.4
Nakaseke	16,564		0.0
Bugiri	71,228	9,734	13.7
Busia	38,126	4,833	12.7
Iganga	87,916	28,537	32.5
Jinja	43,160	10,289	23.8
Kamuli	95,146	9,003	9.5
Kapchorwa	22,547	6,587	
Katakwi	25,716	11,063	43.0
Kumi	43,075	5,204	12.1
Mbale	50,494	7,250	14.4
Pallisa	69,059	13,971	20.2
Soroti	72,710	15,387	21.2
Tororo	66,059	11,902	18.0
Kaberamaido	26,323		
Mayuge	46,012	979	2.1
Sironko	50,653	2,864	5.7
Amuria	37,228	21,621	58.1
Budaka	26,297	6,369	24.2
Bududa	18,724	243	1.3
Bukedea	26,154	1,545	5.9
Bukwo	22,164	16,903	76.3
Butaleja	29,345	2,099	7.2
Kaliro	28,600	3,041	10.6
Manafwa	44,167	92	0.2
Namutumba	28,982	2,231	
Adjumani	22,292	707	3.2
Apac	69,996	16,020	22.9
Arua	53,910	8,341	15.5
Gulu	34,047	467	1.4
Kitgum	39,347	5,714	14.5
Kotido	19,311	5,553	28.8

District	Ag HHs that responded	Ag HHs that Used Other Water Management Practices	
		Number	%
Lira	85,968	11,415	13.3
Moroto	13,942	4,354	31.2
Moyo	20,188	2,731	13.5
Nebbi	71,133	3,843	5.4
Nakapiripit	25,873	2,911	11.3
Pader	50,951	20,971	41.2
Yumbe	42,913	5,635	13.1
Abim	8,810	2,745	31.2
Amolatar	16,712	3,768	22.5
Amuru	35,614	5,374	15.1
Dokolo	26,370	3,985	15.1
Kaabong	19,657	3,106	15.8
Koboko	23,141	4,170	18.0
Nyadri	24,595	7,275	
Oyam	50,931	29,092	57.1
Bundibugyo	20,158	7,186	35.6
Bushenyi	101,429	24,767	24.4
Hoima	50,684	6,550	12.9
Kabale	82,386	10,536	12.8
Kabarole	72,186	2,936	
Kasese	83,848	33,303	39.7
Kibaale	73,311	32,713	44.6
Kisoro	50,215	5,955	11.9
Masindi	45,282	144	0.3
Mbarara	52,618	1,156	2.2
Ntungamo	58,761	5,380	9.2
Rukungiri	49,847	8,916	17.9
Kamwenge	52,014	15,279	
Kanungu	38,230	541	1.4
Kyenjojo	74,469	17,238	23.1
Buliisa	8,223	792	
Ibanda	34,150	5,523	16.2
Isingiro	55,535	3,186	5.7
Kiruhura	30,646	1,135	3.7
<b>UGANDA</b>	<b>3,575,064</b>	<b>694,901</b>	<b>19.4</b>

**Table A4.5: Number of Ag HHs that were Prone to Flooding**

District	Ag HHs that responded	Ag HHs that were Prone to Flooding	
		Number	%
Kalangala	2,623		0.0
Kampala	25,464	882	3.5
Kiboga	34,727	808	2.3
Luwero	31,967	840	2.6
Masaka	86,820	1,247	1.4
Mpigi	70,399	3,194	4.5
Mubende	70,066	1,864	2.7
Mukono	94,070	3,943	4.2
Nakasongola	12,971		0.0
Rakai	58,994	1,086	1.8
Ssembabule	31,708	1,376	4.3
Kayunga	45,964	3,600	7.8
Wakiso	78,530	4,138	5.3
Lyantonde	9,313	2,367	25.4
Mityana	45,306	546	1.2
Nakaseke	16,564	325	2.0
Bugiri	71,228	6,647	9.3
Busia	38,126	2,472	6.5
Iganga	87,916	11,826	13.5
Jinja	43,160	1,535	3.6
Kamuli	95,146	9,134	9.6
Kapchorwa	22,547		
Katakwi	25,716	6,257	24.3
Kumi	43,075	7,046	16.4
Mbale	50,494	2,893	5.7
Pallisa	69,059	1,358	2.0
Soroti	72,710	7,589	10.4
Tororo	66,059	4,086	6.2
Kaberamaido	26,323	4,930	
Mayuge	46,012	2,806	6.1
Sironko	50,653	6,465	12.8
Amuria	37,228	6,657	17.9
Budaka	26,297	4,945	18.8
Bududa	18,724	2,544	13.6
Bukedea	26,154	4,055	15.5
Bukwo	22,164	2,064	9.3
Butaleja	29,345	1,820	6.2
Kaliro	28,600	7,823	27.4
Manafwa	44,167	290	0.7
Namutumba	28,982	1,610	
Adjumani	22,292	7,947	35.6
Apac	69,996	5,620	8.0
Arua	53,910	6,156	11.4
Gulu	34,047	6,034	17.7
Kitgum	39,347	587	1.5
Kotido	19,311		0.0
Lira	85,968	4,714	5.5

District	Ag HHs that responded	Ag HHs that were Prone to Flooding	
		Number	%
Moroto	13,942		0.0
Moyo	20,188	5,083	25.2
Nebbi	71,133	4,553	6.4
Nakapiripi-t	25,873	3,086	11.9
Pader	50,951	295	0.6
Yumbe	42,913	1,600	3.7
Abim	8,810	203	2.3
Amolatar	16,712	1,158	6.9
Amuru	35,614	770	2.2
Dokolo	26,370	798	3.0
Kaabong	19,657	1,005	5.1
Koboko	23,141	4,667	20.2
Nyadri	24,595	175	
Oyam	50,931	7,167	14.1
Bundibugyo	20,158	2,745	13.6
Bushenyi	101,429	2,012	2.0
Hoima	50,684	1,809	3.6
Kabale	82,386	13,168	16.0
Kabarole	72,186	1,160	
Kasese	83,848	6,577	7.8
Kibaale	73,311	2,022	2.8
Kisoro	50,215	322	0.6
Masindi	45,282	1,473	3.3
Mbarara	52,618	3,143	6.0
Ntungamo	58,761	10,790	18.4
Rukungiri	49,847	3,652	7.3
Kamwenge	52,014	4,713	
Kanungu	38,230	1,210	3.2
Kyenjojo	74,469		0.0
Buliisa	8,223	108	
Ibanda	34,150	3,065	9.0
Isingiro	55,535	4,370	7.9
Kiruhura	30,646	1,234	4.0
<b>UGANDA</b>	<b>3,575,064</b>	<b>258,259</b>	<b>7.2</b>

**Table A4.6: Number of Ag HHs that Undertook Drainage**

District	Ag HHs that responded	Ag HHs that Under Took Drainage	
		Number	%
Kalangala	2,623		
Kampala	25,464		
Kiboga	34,727		
Luwero	31,967	593	1.9
Masaka	86,820	398	0.5
Mpigi	70,399	1,213	1.7
Mubende	70,066	196	0.3
Mukono	94,070	3,112	3.3
Nakasongola	12,971		
Rakai	58,994	782	1.3
Ssembabule	31,708	945	3.0
Kayunga	45,964		
Wakiso	78,530	2,588	3.3
Lyantonde	9,313	288	3.1
Mityana	45,306	458	1.0
Nakaseke	16,564	161	1.0
Bugiri	71,228	5,952	8.4
Busia	38,126	570	1.5
Iganga	87,916	9,146	10.4
Jinja	43,160	990	2.3
Kamuli	95,146	8,406	8.8
Kapchorwa	22,547		
Katakwi	25,716	1,465	5.7
Kumi	43,075	380	0.9
Mbale	50,494	1,335	2.6
Pallisa	69,059	918	1.3
Soroti	72,710	1,865	2.6
Tororo	66,059	3,979	6.0
Kaberamaido	26,323		
Mayuge	46,012	1,086	2.4
Sironko	50,653	4,087	8.1
Amuria	37,228	1,678	4.5
Budaka	26,297	2,565	9.8
Bududa	18,724	1,878	10.0
Bukedea	26,154		
Bukwo	22,164	1,131	5.1
Butaleja	29,345	1,683	5.7
Kaliro	28,600	3,190	11.2
Manafwa	44,167		
Namutumba	28,982	912	3.1
Adjumani	22,292	6,321	28.4
Apac	69,996	3,371	4.8
Arua	53,910	3,189	5.9
Gulu	34,047	2,076	6.1
Kitgum	39,347		
Kotido	19,311		
Lira	85,968	432	0.5

District	Ag HHs that responded	Ag HHs that Under Took Drainage	
		Number	%
Moroto	13,942		0.0
Moyo	20,188	1,902	9.4
Nebbi	71,133	902	1.3
Nakapiripi-t	25,873		
Pader	50,951		
Yumbe	42,913	1,389	3.2
Abim	8,810	98	1.1
Amolatar	16,712	224	1.3
Amuru	35,614	386	1.1
Dokolo	26,370		
Kaabong	19,657		
Koboko	23,141	4,191	18.1
Nyadri	24,595		
Oyam	50,931	3,841	7.5
Bundibugyo	20,158	469	2.3
Bushenyi	101,429	1,872	1.8
Hoima	50,684	547	1.1
Kabale	82,386	7,598	9.2
Kabarole	72,186	381	0.5
Kasese	83,848		0.0
Kibaale	73,311	624	0.9
Kisoro	50,215		
Masindi	45,282	796	1.8
Mbarara	52,618	1,952	3.7
Ntungamo	58,761	1,111	1.9
Rukungiri	49,847	846	1.7
Kamwenge	52,014		
Kanungu	38,230	836	2.2
Kyenjojo	74,469		
Buliisa	8,223	48	0.6
Ibanda	34,150	1,777	5.2
Isingiro	55,535	3,117	5.6
Kiruhura	30,646	724	2.4
<b>UGANDA</b>	<b>3,575,064</b>	<b>114,970</b>	<b>3.2</b>

**Table A5.1: Number of Ag HHs that reported use and buying of Hoes, by district**

District	Ag HHs by use and buying of Hoes						
	Number of Ag HHs that:		% Agghs that used	Number of Hoes used	Number of Ag HHS that reported Hoes bought during:		
	Responded	Reported use of Hoes			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	2,155	82.2	5,921	466	1,597	86
Kampala	25,464	14,804	58.1	64,964	4,072	10,088	582
Kiboga	34,727	31,900	91.9	103,923	16,660	12,261	129
Luwero	31,967	31,324	98.0	108,282	7,807	15,468	119
Masaka	86,820	83,092	95.7	337,715	28,935	47,603	1,348
Mpigi	70,399	68,437	97.2	238,979	24,819	38,669	4,705
Mubende	70,066	68,331	97.5	245,596	29,579	37,058	1,142
Mukono	94,070	90,262	96.0	291,300	23,352	63,856	1,385
Nakasongola	12,971	11,962	92.2	47,716	4,088	7,281	36
Rakai	58,994	56,435	95.7	197,247	10,518	43,074	2,222
Ssembabule	31,708	31,477	99.3	122,118	16,108	14,924	108
Kayunga	45,964	45,610	99.2	165,413	13,272	31,786	125
Wakiso	78,530	76,255	97.1	275,808	28,086	41,548	2,636
Lyantonde	9,313	7,775	83.5	27,800	1,970	5,777	28
Mityana	45,306	43,431	95.9	128,072	14,311	24,889	3,870
Nakaseke	16,564	16,498	99.6	57,466	6,938	8,136	479
Bugiri	71,228	68,193	95.7	218,112	23,831	41,600	1,640
Busia	38,126	36,672	96.2	124,649	18,973	16,650	194
Iganga	87,916	83,669	95.2	368,025	21,848	57,681	2,354
Jinja	43,160	42,055	97.4	140,377	10,361	28,766	789
Kamuli	95,146	94,292	99.1	356,740	41,509	47,705	3,935
Kapchorwa	22,547	21,204	94.0	65,255	5,219	12,385	3,160
Katakwi	25,716	23,773	92.4	79,026	10,081	12,362	63
Kumi	43,075	42,262	98.1	139,354	12,359	28,241	541
Mbale	50,494	45,716	90.5	151,962	19,669	21,839	193
Pallisa	69,059	67,821	98.2	220,579	17,621	45,670	2,384
Soroti	72,710	69,896	96.1	243,448	22,407	45,041	394
Tororo	66,059	65,157	98.6	236,533	21,270	38,425	631
Kaberamaido	26,323	25,890	98.4	97,820	5,946	18,683	1,119
Mayuge	46,012	44,448	96.6	164,441	20,281	23,447	259
Sironko	50,653	50,343	99.4	169,650	16,935	32,375	171
Amuria	37,228	36,718	98.6	128,935	9,784	21,804	1,790
Budaka	26,297	25,685	97.7	88,791	5,945	18,821	710
Bududa	18,724	18,354	98.0	63,107	4,327	13,215	812
Bukedea	26,154	25,591	97.8	88,047	8,697	14,030	1,387
Bukwo	22,164	21,849	98.6	76,573	2,259	18,769	344
Butaleja	29,345	28,359	96.6	104,921	10,010	15,542	2,349
Kaliro	28,600	27,271	95.4	108,864	8,799	15,823	1,908
Manafwa	44,167	43,643	98.8	157,641	14,554	27,122	1,361
Namutumba	28,982	28,061	96.8	101,524	11,444	14,171	1,336
Adjumani	22,292	21,352	95.8	92,870	6,668	12,591	1,910
Apac	69,996	66,467	95.0	214,973	12,212	50,852	2,564
Arua	53,910	49,993	92.7	123,783	31,991	16,493	101
Gulu	34,047	30,023	88.2	118,664	13,195	16,022	
Kitgum	39,347	35,223	89.5	132,264	13,516	19,025	1,265



Ag HHS by use and buying of Hoes							
District	Number of Ag HHS that:		% Aghhs that used	Number of Hoes used	Number of Ag HHS that reported Hoes bought during:		
	Responded	Reported use of Hoes			< 1 year ago	1-10 years ago	10+ years ago
Kotido	19,311	18,996	98.4	63,139	17,069	1,449	211
Lira	85,968	82,536	96.0	238,629	48,937	31,217	
Moroto	13,942	11,169	80.1	49,323	1,451	4,629	5,089
Moyo	20,188	20,129	99.7	67,127	7,548	12,263	86
Nebbi	71,133	67,774	95.3	199,793	37,027	23,992	4,201
Nakapiripit	25,873	24,940	96.4	94,787	4,965	19,259	218
Pader	50,951	47,185	92.6	148,654	37,611	7,308	1,186
Yumbe	42,913	37,801	88.1	104,055	31,310	3,967	
Abim	8,810	8,716	98.9	27,160	4,857	2,039	
Amolatar	16,712	16,290	97.5	55,520	5,813	9,601	453
Amuru	35,614	32,720	91.9	127,171	10,400	19,029	97
Dokolo	26,370	24,593	93.3	76,937	5,219	17,137	2,151
Kaabong	19,657	17,903	91.1	70,607	13,861	2,107	1,685
Koboko	23,141	22,529	97.4	55,851	17,339	4,063	
Nyadri	24,595	22,898	93.1	56,423	21,143	1,496	
Oyam	50,931	50,089	98.3	163,068	20,656	28,143	
Bundibugyo	20,158	19,049	94.5	67,633	6,280	10,797	246
Bushenyi	101,429	92,628	91.3	336,360	45,339	38,696	7,049
Hoima	50,684	49,849	98.4	173,502	24,481	23,626	407
Kabale	82,386	81,790	99.3	272,146	38,161	40,687	
Kabarole	72,186	68,235	94.5	227,912	19,856	39,018	742
Kasese	83,848	78,620	93.8	278,302	34,960	36,960	4,976
Kibaale	73,311	72,513	98.9	239,061	40,154	30,556	1,288
Kisoro	50,215	49,072	97.7	130,720	28,539	19,077	649
Masindi	45,282	44,462	98.2	148,765	18,855	23,094	1,849
Mbarara	52,618	52,061	98.9	169,599	24,350	27,612	100
Ntungamo	58,761	54,976	93.6	148,130	26,837	22,775	2,132
Rukungiri	49,847	49,847	100.0	199,088	27,104	21,470	
Kamwenge	52,014	50,846	97.8	151,328	33,650	17,115	
Kanungu	38,230	38,230	100.0	117,217	20,513	17,117	327
Kyenjojo	74,469	72,495	97.3	248,919	37,154	33,950	
Buliisa	8,223	7,747	94.2	20,613	4,459	3,209	38
Ibanda	34,150	33,616	98.4	108,881	19,442	13,908	172
Isingiro	55,535	54,022	97.3	139,011	20,441	32,489	830
Kiruhura	30,646	30,155	98.4	97,617	24,736	4,477	370
<b>UGANDA</b>	<b>3,575,064</b>	<b>3,426,209</b>	<b>95.8</b>	<b>11,668,296</b>	<b>1,433,209</b>	<b>1,793,497</b>	<b>91,216</b>

**Table A5.2: Number of Ag HHs that reported use and buying of Axes, by district**

District	Ag HHs by use and buying of Axes						
	Number of Ag HHs that:		% Agghs that used	Number of Axes used	Number of Ag HHs that reported Axes bought during:		
	Responded	Reported use of Axes			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	1,273	48.5	1,587	21	1,048	119
Kampala	25,464	5,404	21.2	9,163	1,402	3,159	844
Kiboga	34,727	23,089	66.5	24,571	5,269	12,944	1,883
Luwero	31,967	25,946	81.2	28,341	3,464	10,998	
Masaka	86,820	64,420	74.2	79,040	11,303	43,840	2,539
Mpigi	70,399	51,955	73.8	57,796	10,982	32,495	5,882
Mubende	70,066	55,346	79.0	61,365	6,525	38,986	7,877
Mukono	94,070	69,377	73.8	77,572	3,146	53,550	7,132
Nakasongola	12,971	9,991	77.0	13,151	1,478	5,971	275
Rakai	58,994	39,628	67.2	41,594	2,983	24,894	8,785
Ssembabule	31,708	22,163	69.9	26,130	2,490	18,621	552
Kayunga	45,964	36,750	80.0	39,980	4,017	29,004	1,622
Wakiso	78,530	57,687	73.5	67,612	13,377	31,292	5,254
Lyantonde	9,313	4,734	50.8	5,537	629	2,972	1,095
Mityana	45,306	26,856	59.3	28,916	7,224	15,003	3,433
Nakaseke	16,564	13,313	80.4	15,082	2,208	8,618	357
Bugiri	71,228	37,034	52.0	37,944	5,789	23,963	3,833
Busia	38,126	29,179	76.5	29,875	8,569	16,709	1,839
Iganga	87,916	70,940	80.7	79,638	8,343	50,310	7,916
Jinja	43,160	27,927	64.7	28,867	3,391	19,388	3,883
Kamuli	95,146	80,455	84.6	85,249	13,921	45,608	17,272
Kapchorwa	22,547	15,671	69.5	16,392	2,644	10,256	2,265
Katakwi	25,716	18,804	73.1	23,066	5,175	10,998	384
Kumi	43,075	31,642	73.5	32,782	5,005	17,803	1,554
Mbale	50,494	19,160	37.9	22,055	3,130	13,626	1,301
Pallisa	69,059	47,182	68.3	49,905	6,961	27,505	2,908
Soroti	72,710	55,218	75.9	57,931	11,600	33,209	1,107
Tororo	66,059	48,743	73.8	50,275	7,270	31,138	2,731
Kaberamaido	26,323	19,814	75.3	21,536	1,904	15,345	1,052
Mayuge	46,012	31,407	68.3	32,436	3,280	21,130	4,406
Sironko	50,653	39,970	78.9	41,469	7,700	28,567	1,845
Amuria	37,228	34,326	92.2	39,534	7,856	19,223	1,871
Budaka	26,297	18,382	69.9	18,594	2,120	10,445	2,536
Bududa	18,724	17,134	91.5	18,517	1,420	13,507	1,961
Bukedea	26,154	10,926	41.8	11,774	1,874	6,744	997
Bukwo	22,164	10,958	49.4	11,810	562	7,167	753
Butaleja	29,345	21,803	74.3	25,686	3,081	14,310	3,493
Kaliro	28,600	19,820	69.3	20,912	592	15,535	2,064
Manafwa	44,167	27,128	61.4	30,022	4,751	18,912	2,569
Namutumba	28,982	22,534	77.8	24,328	4,608	12,073	3,309
Adjumani	22,292	19,622	88.0	30,652	3,959	12,694	1,934
Apac	69,996	57,201	81.7	64,206	5,179	42,972	8,258
Arua	53,910	36,501	67.7	47,187	14,580	16,258	4,218
Gulu	34,047	28,950	85.0	36,814	8,477	19,449	368

<b>Ag HHs by use and buying of Axes</b>							
<b>District</b>	<b>Number of Ag HHs that:</b>		<b>% Aghhs that used</b>	<b>Number of Axes used</b>	<b>Number of Ag HHs that reported Axes bought during:</b>		
	<b>Responded</b>	<b>Reported use of Axes</b>			<b>&lt; 1 year ago</b>	<b>1-10 years ago</b>	<b>10+ years ago</b>
Kitgum	39,347	33,813	85.9	52,944	11,061	19,048	1,113
Kotido	19,311	15,811	81.9	24,306	12,043	2,978	405
Lira	85,968	65,569	76.3	72,957	29,870	33,073	148
Moroto	13,942	7,877	56.5	15,072	1,018	4,186	1,752
Moyo	20,188	13,898	68.8	17,381	2,583	11,089	86
Nebbi	71,133	47,003	66.1	51,272	16,541	23,993	4,029
Nakapiripi-t	25,873	16,028	61.9	23,827	1,261	14,125	241
Pader	50,951	38,243	75.1	46,358	14,477	21,044	2,021
Yumbe	42,913	32,456	75.6	37,775	10,172	18,267	228
Abim	8,810	5,324	60.4	6,760	1,613	2,075	
Amolatar	16,712	12,609	75.4	13,278	2,453	8,408	911
Amuru	35,614	31,517	88.5	43,954	6,843	20,548	97
Dokolo	26,370	19,862	75.3	20,721	1,387	14,804	3,507
Kaabong	19,657	14,538	74.0	22,663	7,645	4,528	2,158
Koboko	23,141	11,992	51.8	12,938	4,074	6,139	1,637
Nyadri	24,595	19,034	77.4	20,693	6,762	9,529	2,287
Oyam	50,931	42,897	84.2	53,208	11,617	28,552	528
Bundibugyo	20,158	10,263	50.9	11,584	1,341	8,267	
Bushenyi	101,429	78,687	77.6	100,119	11,971	43,093	17,739
Hoima	50,684	41,994	82.9	49,039	10,741	22,001	6,600
Kabale	82,386	63,744	77.4	70,362	18,097	39,972	2,008
Kabarole	72,186	54,367	75.3	62,332	6,432	35,643	2,591
Kasese	83,848	51,017	60.8	52,825	10,101	32,749	7,224
Kibaale	73,311	51,565	70.3	56,306	7,724	32,752	7,937
Kisoro	50,215	35,169	70.0	39,328	12,263	18,989	1,898
Masindi	45,282	37,586	83.0	48,181	8,117	25,957	3,000
Mbarara	52,618	32,049	60.9	34,595	4,597	25,301	957
Ntungamo	58,761	39,293	66.9	46,187	10,012	23,837	1,903
Rukungiri	49,847	34,535	69.3	40,540	6,659	22,454	3,457
Kamwenge	52,014	30,254	58.2	32,341	5,502	19,171	4,091
Kanungu	38,230	29,017	75.9	30,651	4,604	20,826	2,042
Kyenjojo	74,469	51,437	69.1	58,551	7,536	37,601	2,468
Buliisa	8,223	5,536	67.3	6,058	1,580	3,626	170
Ibanda	34,150	18,745	54.9	19,937	2,404	11,940	3,145
Isingiro	55,535	24,598	44.3	25,047	4,181	13,668	4,550
Kiruhura	30,646	13,498	44.0	14,032	4,469	6,507	1,688
<b>UGANDA</b>	<b>3,575,064</b>	<b>2,538,188</b>	<b>71.0</b>	<b>2,901,015</b>	<b>510,010</b>	<b>1,594,979</b>	<b>230,892</b>

**Table A5.3: Number of Ag HHs that reported use and buying of Slashers, by district**

District	Ag HHs by use and buying of Slashers						
	Number of Ag HHs that:		% Agghs that used	Number of Slashers used	Number of Ag HHs that reported Slashers bought during:		
	Responded	Reported use of Slashers			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	1,226	46.7	1,381	258	884	57
Kampala	25,464	9,064	35.6	15,397	1,899	6,713	400
Kiboga	34,727	14,825	42.7	20,540	6,246	5,481	1,033
Luwero	31,967	13,766	43.1	16,999	3,276	3,439	
Masaka	86,820	25,034	28.8	37,286	6,468	14,746	564
Mpigi	70,399	35,969	51.1	52,060	14,723	16,634	2,606
Mubende	70,066	25,519	36.4	33,087	6,034	18,309	199
Mukono	94,070	53,588	57.0	68,167	11,096	33,536	1,350
Nakasongola	12,971	2,274	17.5	2,745	356	1,187	
Rakai	58,994	12,313	20.9	15,758	1,880	7,910	1,615
Ssembabule	31,708	8,100	25.5	12,564	2,786	5,247	
Kayunga	45,964	17,865	38.9	22,291	4,513	12,372	142
Wakiso	78,530	32,797	41.8	43,671	9,718	17,712	1,245
Lyantonde	9,313	2,069	22.2	2,652	564	1,431	37
Mityana	45,306	19,627	43.3	25,939	8,511	8,219	2,005
Nakaseke	16,564	8,990	54.3	13,534	3,405	3,712	298
Bugiri	71,228	38,450	54.0	47,208	11,429	24,172	94
Busia	38,126	31,278	82.0	38,761	13,897	15,122	91
Iganga	87,916	39,679	45.1	51,724	6,186	29,742	653
Jinja	43,160	20,793	48.2	25,892	5,004	13,732	365
Kamuli	95,146	25,968	27.3	30,447	11,257	10,414	2,002
Kapchorwa	22,547	3,864	17.1	4,154	1,200	2,246	313
Katakwi	25,716	4,509	17.5	5,013	2,124	2,138	
Kumi	43,075	5,698	13.2	6,554	1,684	3,565	91
Mbale	50,494	20,340	40.3	28,319	6,742	10,712	74
Pallisa	69,059	22,693	32.9	25,173	4,289	10,103	834
Soroti	72,710	22,895	31.5	26,883	7,327	10,819	127
Tororo	66,059	37,820	57.3	49,537	10,469	21,450	
Kaberamaido	26,323	5,434	20.6	6,444	688	4,392	
Mayuge	46,012	17,608	38.3	20,139	2,852	11,172	425
Sironko	50,653	12,313	24.3	15,257	4,588	6,094	178
Amuria	37,228	11,397	30.6	12,772	2,650	5,358	171
Budaka	26,297	10,703	40.7	14,059	3,356	5,812	284
Bududa	18,724	10,567	56.4	12,362	1,528	8,029	1,010
Bukedea	26,154	3,509	13.4	4,102	1,696	1,685	
Bukwo	22,164	2,913	13.1	3,326	287	2,082	50
Butaleja	29,345	17,905	61.0	25,303	4,699	12,117	578
Kaliro	28,600	8,786	30.7	10,261	1,244	5,768	
Manafwa	44,167	13,757	31.1	16,468	4,883	7,479	839
Namutumba	28,982	17,633	60.8	19,850	4,035	9,215	665
Adjumani	22,292	12,195	54.7	18,486	1,596	8,068	1,788
Apac	69,996	20,399	29.1	26,698	4,758	13,406	1,752
Arua	53,910	29,138	54.0	38,028	13,592	12,481	510
Gulu	34,047	18,337	53.9	25,266	7,567	9,859	76

Ag HHs by use and buying of Slashers							
District	Number of Ag HHs that:		% Agghs that used	Number of Slashers used	Number of Ag HHs that reported Slashers bought during:		
	Responded	Reported use of Slashers			< 1 year ago	1-10 years ago	10+ years ago
Kitgum	39,347	6,242	15.9	7,170	2,575	1,906	297
Kotido	19,311	1,268	6.6	2,003	1,044	93	88
Lira	85,968	18,580	21.6	21,028	7,141	10,473	
Moroto	13,942	2,036	14.6	2,806	522	1,195	319
Moyo	20,188	9,990	49.5	12,673	2,342	7,390	
Nebbi	71,133	38,147	53.6	43,196	13,811	17,689	3,447
Nakapiripit	25,873	11,143	43.1	16,879	677	4,258	107
Pader	50,951	7,901	15.5	12,342	4,711	2,782	220
Yumbe	42,913	21,776	50.7	25,375	7,574	11,723	219
Abim	8,810	2,107	23.9	2,425	1,681	195	
Amolatar	16,712	3,481	20.8	4,002	1,142	1,978	134
Amuru	35,614	17,338	48.7	26,155	4,121	9,868	194
Dokolo	26,370	3,300	12.5	3,727	637	2,500	87
Kaabong	19,657	9,175	46.7	13,610	5,682	1,503	1,761
Koboko	23,141	16,298	70.4	17,470	5,574	9,476	1,125
Nyadri	24,595	15,950	64.9	17,315	6,968	8,983	
Oyam	50,931	11,924	23.4	15,475	4,727	6,292	84
Bundibugyo	20,158	12,224	60.6	20,391	4,079	6,812	64
Bushenyi	101,429	34,371	33.9	50,630	11,137	16,880	4,344
Hoima	50,684	34,973	69.0	44,981	17,221	14,633	770
Kabale	82,386	16,126	19.6	18,943	7,112	8,597	
Kabarole	72,186	32,428	44.9	42,025	7,930	17,085	933
Kasese	83,848	31,994	38.2	38,017	10,550	14,627	5,663
Kibaale	73,311	22,558	30.8	29,811	4,997	14,804	658
Kisoro	50,215	9,042	18.0	12,475	5,164	3,502	94
Masindi	45,282	32,103	70.9	47,996	7,327	22,269	1,826
Mbarara	52,618	9,024	17.2	12,433	3,102	5,696	100
Ntungamo	58,761	19,475	33.1	23,017	5,737	12,057	860
Rukungiri	49,847	14,255	28.6	17,820	5,961	7,266	
Kamwenge	52,014	9,867	19.0	12,037	3,307	5,670	477
Kanungu	38,230	6,145	16.1	7,174	1,274	4,420	348
Kyenjojo	74,469	32,408	43.5	45,711	10,284	19,803	134
Buliisa	8,223	3,488	42.4	3,941	590	2,688	4
Ibanda	34,150	8,820	25.8	11,387	4,658	3,399	248
Isingiro	55,535	4,110	7.4	5,291	1,959	1,778	373
Kiruhura	30,646	6,364	20.8	8,062	2,369	3,355	284
<b>UGANDA</b>	<b>3,575,064</b>	<b>1,306,038</b>	<b>36.5</b>	<b>1,688,350</b>	<b>409,047</b>	<b>718,409</b>	<b>49,783</b>

**Table A5.4: Number of Ag HHs that reported use and buying of Pangas, by district**

District	Ag HHs by use and buying of Pangas						
	Number of Ag HHs that:		% Aghhs that used	Number of Pangas used	Number of Ag HHs that reported Pangas bought during:		
	Responded	Reported use of Pangas			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	1,889	72.0	2,560	403	1,311	82
Kampala	25,464	11,867	46.6	19,978	3,851	7,060	615
Kiboga	34,727	31,404	90.4	46,583	14,604	13,317	240
Luwero	31,967	26,886	84.1	32,589	3,716	11,489	
Masaka	86,820	76,911	88.6	102,526	15,211	51,209	2,326
Mpigi	70,399	64,035	91.0	81,599	23,613	30,664	6,578
Mubende	70,066	65,531	93.5	94,092	19,457	42,504	579
Mukono	94,070	82,293	87.5	103,663	14,490	61,566	1,555
Nakasongola	12,971	9,952	76.7	13,777	1,844	5,920	270
Rakai	58,994	53,822	91.2	68,173	7,695	42,306	2,776
Ssembabule	31,708	30,396	95.9	43,759	9,472	20,115	
Kayunga	45,964	43,078	93.7	53,972	10,618	29,992	669
Wakiso	78,530	66,515	84.7	90,424	22,954	33,064	2,654
Lyantonde	9,313	7,394	79.4	9,902	917	6,203	115
Mityana	45,306	40,627	89.7	53,370	13,903	20,747	3,478
Nakaseke	16,564	15,423	93.1	20,675	4,921	7,606	617
Bugiri	71,228	61,935	87.0	76,063	18,787	36,070	1,422
Busia	38,126	34,340	90.1	40,857	12,116	19,879	721
Iganga	87,916	73,605	83.7	89,606	16,082	50,190	1,599
Jinja	43,160	33,110	76.7	37,254	4,998	24,683	976
Kamuli	95,146	83,891	88.2	96,814	22,313	48,081	7,770
Kapchorwa	22,547	18,825	83.5	22,403	4,348	11,363	1,839
Katakwi	25,716	21,406	83.2	30,091	7,234	10,386	
Kumi	43,075	34,174	79.3	38,065	8,650	19,391	528
Mbale	50,494	40,905	81.0	57,337	13,533	21,895	351
Pallisa	69,059	54,767	79.3	63,206	12,743	32,646	1,352
Soroti	72,710	56,975	78.4	62,686	16,260	32,415	127
Tororo	66,059	58,510	88.6	70,532	15,935	34,122	
Kaberamaido	26,323	19,900	75.6	23,062	2,760	14,225	583
Mayuge	46,012	40,619	88.3	48,283	11,783	24,415	613
Sironko	50,653	48,764	96.3	69,136	14,982	30,990	80
Amuria	37,228	34,471	92.6	44,892	8,526	18,177	1,431
Budaka	26,297	23,652	89.9	28,152	6,845	13,857	448
Bududa	18,724	17,875	95.5	24,121	4,267	12,254	896
Bukedea	26,154	19,593	74.9	22,056	7,011	9,994	936
Bukwo	22,164	21,110	95.2	28,378	2,503	16,876	958
Butaleja	29,345	26,652	90.8	35,857	8,798	15,842	693
Kaliro	28,600	20,314	71.0	21,630	2,813	14,366	693
Manafwa	44,167	36,022	81.6	46,219	8,953	21,515	2,732
Namutumba	28,982	22,453	77.5	26,428	5,691	12,829	1,008
Adjumani	22,292	19,154	85.9	26,975	4,087	11,887	1,788
Apac	69,996	55,956	79.9	67,375	8,590	41,321	4,370
Arua	53,910	44,590	82.7	59,578	20,252	19,127	3,180
Gulu	34,047	26,858	78.9	33,718	8,642	17,484	

Ag HHs by use and buying of Pangas							
District	Number of Ag HHs that:		% Agghs that used	Number of Pangas used	Number of Ag HHs that reported Pangas bought during:		
	Responded	Reported use of Pangas			< 1 year ago	1-10 years ago	10+ years ago
Kitgum	39,347	32,391	82.3	46,492	10,669	13,385	4,519
Kotido	19,311	7,516	38.9	11,316	5,865	1,209	158
Lira	85,968	61,869	72.0	71,049	29,745	27,298	378
Moroto	13,942	7,328	52.6	10,789	2,168	3,000	1,168
Moyo	20,188	15,764	78.1	20,113	3,741	11,565	186
Nebbi	71,133	59,973	84.3	72,770	27,935	23,118	4,981
Nakapiripi-t	25,873	21,916	84.7	32,046	4,055	17,137	106
Pader	50,951	30,856	60.6	40,834	16,480	10,599	2,694
Yumbe	42,913	32,534	75.8	40,619	9,605	18,413	151
Abim	8,810	6,537	74.2	8,853	3,458	1,797	
Amolatar	16,712	13,260	79.3	14,700	4,525	7,152	743
Amuru	35,614	28,954	81.3	44,086	7,092	17,748	
Dokolo	26,370	18,579	70.5	20,212	2,720	13,922	888
Kaabong	19,657	11,787	60.0	18,402	7,424	1,921	1,761
Koboko	23,141	16,630	71.9	17,742	4,970	9,889	1,566
Nyadri	24,595	20,029	81.4	21,809	8,159	11,386	342
Oyam	50,931	40,531	79.6	53,289	14,498	23,456	123
Bundibugyo	20,158	18,415	91.4	26,846	5,408	10,799	30
Bushenyi	101,429	85,836	84.6	136,510	33,550	39,305	6,596
Hoima	50,684	46,544	91.8	65,900	20,972	19,649	3,773
Kabale	82,386	77,455	94.0	102,421	28,817	43,508	577
Kabarole	72,186	64,934	90.0	97,553	16,639	37,621	1,275
Kasese	83,848	76,380	91.1	101,765	26,595	39,923	5,900
Kibaale	73,311	69,211	94.4	102,395	38,179	26,951	1,491
Kisoro	50,215	46,162	91.9	60,680	24,077	18,704	948
Masindi	45,282	40,897	90.3	56,481	12,613	24,722	2,711
Mbarara	52,618	50,935	96.8	77,557	18,129	32,194	251
Ntungamo	58,761	52,149	88.7	79,305	18,603	26,471	1,562
Rukungiri	49,847	48,881	98.1	71,140	21,704	24,623	294
Kamwenge	52,014	48,620	93.5	65,810	19,632	27,694	678
Kanungu	38,230	36,925	96.6	50,170	16,444	18,590	702
Kyenjojo	74,469	67,901	91.2	106,860	29,569	32,329	583
Buliisa	8,223	6,517	79.3	7,784	1,907	4,130	41
Ibanda	34,150	31,913	93.4	46,454	13,318	17,344	824
Isingiro	55,535	52,544	94.6	72,436	18,841	31,986	532
Kiruhura	30,646	28,841	94.1	43,765	20,758	6,378	406
<b>UGANDA</b>	<b>3,575,064</b>	<b>3,055,963</b>	<b>85.5</b>	<b>4,045,369</b>	<b>996,035</b>	<b>1,717,269</b>	<b>108,586</b>

**Table A5.5: Number of Ag HHs that reported use and buying of Watering Cans, by district**

Ag HHs by use and buying of Watering Cans							
District	Number of Ag HHs that:		% Agghs that used	Number of Watering Cans used	Number of Ag HHs that reported Watering Cans bought during:		
	Responded	Reported use of Watering Cans			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	30	1.1	30	3	28	
Kampala	25,464	3,754	14.7	9,959	1,129	2,462	164
Kiboga	34,727	1,089	3.1	1,189	218	682	
Luwero	31,967	1,696	5.3	1,746	197	817	
Masaka	86,820	8,974	10.3	10,909	2,658	3,405	226
Mpigi	70,399	7,309	10.4	9,665	2,685	3,391	317
Mubende	70,066	4,082	5.8	5,404	1,386	2,377	
Mukono	94,070	6,998	7.4	8,109	1,988	3,531	
Nakasongola	12,971	382	2.9	415	173	157	
Rakai	58,994	2,156	3.7	2,252	896	1,046	
Ssembabule	31,708	844	2.7	1,073	289	555	
Kayunga	45,964	2,872	6.2	3,779	698	1,403	156
Wakiso	78,530	9,385	12.0	11,096	4,669	3,197	85
Lyantonde	9,313	173	1.9	173		173	
Mityana	45,306	4,164	9.2	4,846	1,652	2,004	
Nakaseke	16,564	960	5.8	1,801	325	343	56
Bugiri	71,228	1,970	2.8	2,482	641	1,329	
Busia	38,126	1,682	4.4	1,740	210	853	
Iganga	87,916	3,346	3.8	4,117	1,090	1,888	
Jinja	43,160	3,584	8.3	3,814	893	2,289	
Kamuli	95,146	2,210	2.3	3,161	360	1,187	117
Kapchorwa	22,547	1,254	5.6	1,337	70	917	74
Katakwi	25,716	381	1.5	381	219	162	
Kumi	43,075	1,606	3.7	2,295	962	395	
Mbale	50,494	3,833	7.6	5,758	996	1,940	238
Pallisa	69,059	618	0.9	618	104	267	
Soroti	72,710	3,246	4.5	3,794	397	2,126	
Tororo	66,059	3,554	5.4	4,057	604	2,451	
Kaberamaido	26,323	600	2.3	600		600	
Mayuge	46,012	1,499	3.3	2,096	540	716	
Sironko	50,653	3,700	7.3	4,083	1,492	2,004	98
Amuria	37,228	1,421	3.8	1,665	292	694	
Budaka	26,297	2,610	9.9	2,678	1,663	575	71
Bududa	18,724	887	4.7	887	563	198	
Bukedea	26,154	970	3.7	970	892		
Bukwo	22,164	1,451	6.5	1,488	37	890	
Butaleja	29,345	281	1.0	458	104	177	
Kaliro	28,600	824	2.9	824	78	240	
Manafwa	44,167	1,675	3.8	2,278	432	1,166	77
Namutumba	28,982	1,284	4.4	1,420	591	230	
Adjumani	22,292	1,040	4.7	1,201	464	508	34
Apac	69,996	1,711	2.4	2,707	821	594	153
Arua	53,910	10,244	19.0	17,117	2,074	6,522	
Gulu	34,047	3,884	11.4	5,046	859	2,901	



Ag HHs by use and buying of Watering Cans							
District	Number of Ag HHs that:		% Aghhs that used	Number of Watering Cans used	Number of Ag HHs that reported Watering Cans bought during:		
	Responded	Reported use of Watering Cans			< 1 year ago	1-10 years ago	10+ years ago
Kitgum	39,347	866	2.2	996	248		197
Kotido	19,311	133	0.7	133	133		
Lira	85,968	2,811	3.3	2,949	2,231	441	
Moroto	13,942						
Moyo	20,188	1,068	5.3	1,257	244	771	
Nebbi	71,133	2,473	3.5	2,786	1,334	845	
Nakapiripi-t	25,873	689	2.7	689		689	
Pader	50,951	894	1.8	894	376	188	
Yumbe	42,913	1,393	3.2	1,686	194	656	
Abim	8,810	389	4.4	475	95	121	
Amolatar	16,712	310	1.9	310		252	58
Amuru	35,614	4,334	12.2	6,413	401	3,338	
Dokolo	26,370	158	0.6	158	73	85	
Kaabong	19,657	232	1.2	312	152		80
Koboko	23,141	4,961	21.4	5,678	2,793	1,463	673
Nyadri	24,595	5,526	22.5	5,756	2,274	3,252	
Oyam	50,931	1,833	3.6	2,438	459	1,274	
Bundibugyo	20,158	966	4.8	966	613	353	
Bushenyi	101,429	3,593	3.5	5,640	1,747	685	181
Hoima	50,684	15,785	31.1	18,238	6,958	7,307	857
Kabale	82,386	7,555	9.2	9,945	3,387	2,941	
Kabarole	72,186	8,453	11.7	10,669	4,268	2,936	311
Kasese	83,848	2,655	3.2	2,818	796	1,696	
Kibaale	73,311	5,556	7.6	5,868	1,836	2,620	
Kisoro	50,215	1,623	3.2	1,623	844	700	
Masindi	45,282	10,321	22.8	14,798	3,750	5,817	373
Mbarara	52,618	531	1.0	643	210	321	
Ntungamo	59	9,201	15658.3	10,008	4,352	4,287	268
Rukungiri	49,847	1,555	3.1	1,770	727	828	
Kamwenge	52,014	2,134	4.1	2,396	719	1,415	
Kanungu	38,230	4,368	11.4	5,696	1,609	2,499	186
Kyenjojo	74,469	1,541	2.1	1,677	290	633	
Buliisa	8,223	298	3.6	298	33	109	61
Ibanda	34,150	2,090	6.1	2,351	502	969	
Isingiro	55,535	559	1.0	559	270	289	
Kiruhura	30,646	162	0.5	162			
<b>UGANDA</b>	<b>3,516,362</b>	<b>223,249</b>	<b>6.3</b>	<b>280,573</b>	<b>80,332</b>	<b>109,170</b>	<b>5,111</b>

**Table A5.6: Number of Ag HHs that reported use and buying of Wheelbarrows, by district**

District	Ag HHs by use and buying of Wheelbarrows						
	Number of Ag HHs that:		% Aghhs that used	Number of Wheelbarrows used	Number of Ag HHs that reported Wheelbarrows bought during:		
	Responded	Reported use of Wheelbarrows			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	130	5.0	139		75	
Kampala	25,464	4,568	17.9	13,176	767	3,726	
Kiboga	34,727	5,929	17.1	6,064	767	3,131	252
Luwero	31,967	4,131	12.9	4,331	71	2,402	
Masaka	86,820	19,186	22.1	21,554	1,755	10,680	143
Mpigi	70,399	13,190	18.7	13,995	3,173	6,698	1,074
Mubende	70,066	8,245	11.8	8,719	1,100	3,261	1,784
Mukono	94,070	19,842	21.1	22,572	1,026	11,229	1,228
Nakasongola	12,971	1,524	11.7	1,882	406	295	
Rakai	58,994	4,445	7.5	5,125	454	2,097	1,121
Ssembabule	31,708	7,541	23.8	8,164	460	4,716	81
Kayunga	45,964	4,308	9.4	4,677	428	2,879	
Wakiso	78,530	27,098	34.5	42,965	7,784	13,205	1,03
Lyantonde	9,313	826	8.9	1,541	205	509	111
Mityana	45,306	7,944	17.5	8,631	1,093	2,201	887
Nakaseke	16,564	2,444	14.8	4,598	498	939	105
Bugiri	71,228	11,534	16.2	14,012	1,196	9,598	
Busia	38,126	8,225	21.6	8,679	151	3,313	968
Iganga	87,916	14,001	15.9	15,876	1,853	9,921	783
Jinja	43,160	13,979	32.4	14,724	1,340	9,211	1,075
Kamuli	95,146	5,094	5.4	5,299	1,531	2,570	348
Kapchorwa	22,547	1,368	6.1	1,368	132	879	74
Katakwi	25,716	4,430	17.2	4,589	489	1,314	302
Kumi	43,075	6,883	16.0	7,579	993	2,400	
Mbale	50,494	6,881	13.6	9,220	3,120	2,434	292
Pallisa	69,059	6,365	9.2	6,771	398	2,967	249
Soroti	72,710	15,165	20.9	16,078	1,100	5,253	
Tororo	66,059	11,364	17.2	12,255	1,335	5,266	154
Kaberamaido	26,323	1,871	7.1	2,023	209	759	
Mayuge	46,012	7,390	16.1	7,390	431	2,739	118
Sironko	50,653	3,548	7.0	3,725	1,000	1,503	106
Amuria	37,228	7,488	20.1	8,871	911	2,197	171
Budaka	26,297	6,912	26.3	6,984	1,141	1,410	71
Bududa	18,724	920	4.9	1,074	185	672	
Bukedea	26,154	2,236	8.5	2,236	730	1,184	59
Bukwo	22,164	1,144	5.2	1,388	227	368	
Butaleja	29,345	2,202	7.5	2,901		623	
Kaliro	28,600	1,435	5.0	1,435	78	462	
Manafwa	44,167	2,391	5.4	2,589	745	1,268	377
Namutumba	28,982	4,319	14.9	4,319	400	1,080	120
Adjumani	22,292	920	4.1	1,072	274	559	
Apac	69,996	3,293	4.7	4,214	970	2,023	
Arua	53,910	6,404	11.9	7,263	941	2,478	348
Gulu	34,047	9,438	27.7	12,592	2,066	6,751	
Kitgum	39,347	3,042	7.7	3,205	602	649	102

Ag HHs by use and buying of Wheelbarrows							
District	Number of Ag HHs that:		% Aghhs that used	Number of Wheelbarrows used	Number of Ag HHs that reported Wheelbarrows bought during:		
	Responded	Reported use of Wheelbarrows			< 1 year ago	1-10 years ago	10+ years ago
Kotido	19,311	71	0.4	71	12	60	
Lira	85,968	12,553	14.6	12,968	4,302	6,080	259
Moroto	13,942	345	2.5	345	345		
Moyo	20,188	1,260	6.2	1,328	98	1,090	
Nebbi	71,133	2,776	3.9	2,923	805	1,322	
Nakapiripi-t	25,873	346	1.3	851		184	106
Pader	50,951	7,841	15.4	7,934	1,441	4,076	1,212
Yumbe	42,913	413	1.0	413	98		103
Abim	8,810	885	10.0	1,197	357	156	
Amolatar	16,712	1,528	9.1	2,056	537	462	124
Amuru	35,614	4,257	12.0	8,978	329	3,178	
Dokolo	26,370	3,401	12.9	3,460	1,899	1,311	59
Kaabong	19,657	137	0.7	137	137		
Koboko	23,141	1,997	8.6	1,997	538	1,194	265
Nyadri	24,595	1,484	6.0	1,484	233	1,251	
Oyam	50,931	4,921	9.7	5,308	1,577	1,770	
Bundibugyo	20,158	3,103	15.4	3,665	1,971	693	
Bushenyi	101,429	19,708	19.4	41,683	3,523	11,182	767
Hoima	50,684	7,268	14.3	8,003	1,781	3,559	718
Kabale	82,386	4,979	6.0	5,671	1,569	2,709	
Kabarole	72,186	7,289	10.1	8,715	1,253	4,714	118
Kasese	83,848	7,553	9.0	7,708	2,656	4,138	
Kibaale	73,311	6,400	8.7	7,146	839	3,115	680
Kisoro	50,215	1,444	2.9	2,356	583	190	
Masindi	45,282	5,118	11.3	5,779	831	3,477	810
Mbarara	52,618	7,102	13.5	7,846	1,406	4,080	200
Ntungamo	58,761	13,970	23.8	17,164	3,176	8,742	671
Rukungiri	49,847	7,419	14.9	8,532	2,336	3,064	624
Kamwenge	52,014	2,544	4.9	2,957	663	1,760	
Kanungu	38,230	4,757	12.4	4,838	1,397	2,686	98
Kyenjojo	74,469	10,146	13.6	10,533	1,142	4,753	817
Buliisa	8,223	32	0.4	33		32	
Ibanda	34,150	4,834	14.2	5,182	559	2,896	
Isingiro	55,535	3,325	6.0	4,064	988	1,803	
Kiruhura	30,646	2,078	6.8	2,078	415	947	620
<b>UGANDA</b>	<b>3,575,064</b>	<b>464,877</b>	<b>13.0</b>	<b>563,267</b>	<b>84,331</b>	<b>236,568</b>	<b>20,754</b>

**Table A5.7: Number of Ag HHs that reported use and buying of Pruning Knives, by district**

District	Ag HHs by use and buying of Pruning Knives						
	Number of Ag HHs that:		% Agghs that used	Number of Pruning Knives used	Number of Ag HHs that reported Pruning Knives bought during:		
	Responded	Reported use of Pruning Knives			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	48	1.8	94		26	22
Kampala	25,464	1,805	7.1	3,795	81	1,535	189
Kiboga	34,727	2,178	6.3	2,684	783	980	327
Luwero	31,967	2,404	7.5	2,617		984	
Masaka	86,820	16,952	19.5	26,618	5,621	7,610	
Mpigi	70,399	6,680	9.5	7,474	1,739	3,126	1,017
Mubende	70,066	3,607	5.1	4,242	1,425	1,617	138
Mukono	94,070	13,297	14.1	17,953	4,010	6,570	478
Rakai	58,994	26,837	45.5	34,009	1,627	17,224	6,220
Ssembabule	31,708	8,969	28.3	14,941	4,418	4,201	
Kayunga	45,964	652	1.4	1,676	524	128	
Wakiso	78,530	10,881	13.9	16,610	7,939	1,814	208
Lyantonde	9,313	1,561	16.8	1,561	41	1,520	
Mityana	45,306	8,519	18.8	13,964	5,540	2,546	88
Nakaseke	16,564	665	4.0	1,777	326	340	
Bugiri	71,228	420	0.6	956	78	342	
Busia	38,126	2,661	7.0	4,222	1,499	1,026	
Iganga	87,916	6,650	7.6	11,612	2,339	3,838	
Jinja	43,160	2,503	5.8	3,428	181	1,861	362
Kamuli	95,146	4,738	5.0	6,954	776	3,172	421
Kapchorwa	22,547	610	2.7	672	69	466	74
Katakwi	25,716	592	2.3	1,547	188	208	63
Kumi	43,075	167	0.4	181	167		
Mbale	50,494	5,676	11.2	8,726	822	4,681	53
Pallisa	69,059	8,388	12.1	16,497	2,565	5,677	
Soroti	72,710	404	0.6	404		287	
Tororo	66,059	2,278	3.4	3,872	151	1,269	
Kaberamaido	26,323	145	0.6	145			
Mayuge	46,012	1,304	2.8	1,742	224	770	209
Sironko	50,653	1,888	3.7	2,313	273	1,230	
Amuria	37,228	3,594	9.7	3,874	2,294	984	94
Budaka	26,297	601	2.3	832	261	150	79
Bududa	18,724	538	2.9	843		412	72
Bukedea	26,154	1,136	4.3				
Bukwo	22,164	1,272	5.7	1,272	194	647	98
Kaliro	28,600	1,164	4.1	2,198	607	488	69
Manafwa	44,167	2,465	5.6	2,658	97	820	1,179
Namutumba	28,982	233	0.8	233		233	
Adjumani	22,292	171	0.8	171		137	
Apac	69,996	2,170	3.1	3,595	700	905	565
Arua	53,910	1,264	2.3	1,264	795	234	
Gulu	34,047	1,522	4.5	2,684	415	918	
Kitgum	39,347	227	0.6	227	227		
Kotido	19,311	151	0.8	217	148	4	

<b>Ag HHs by use and buying of Pruning Knives</b>							
<b>District</b>	<b>Number of Ag HHs that:</b>		<b>% Aghhs that used</b>	<b>Number of Pruning Knives used</b>	<b>Number of Ag HHs that reported Pruning Knives bought during:</b>		
	<b>Responded</b>	<b>Reported use of Pruning Knives</b>			<b>&lt; 1 year ago</b>	<b>1-10 years ago</b>	<b>10+ years ago</b>
Lira	85,968	300	0.3	300	165	135	
Nebbi	71,133	2,503	3.5	2,645	1,104	863	
Amolatar	16,712	179	1.1	179		67	57
Amuru	35,614	825	2.3	825	97	727	
Dokolo	26,370	212	0.8	356			
Koboko	23,141	171	0.7	171	61	110	
Oyam	50,931	1,492	2.9	3,084	111	1,054	
Bundibugyo	20,158	3,913	19.4	6,012	222	3,534	
Bushenyi	101,429	30,136	29.7	46,560	5,252	17,629	4,556
Hoima	50,684	4,956	9.8	6,887	2,430	1,987	
Kabale	82,386	9,094	11.0	9,808	283	7,171	388
Kabarole	72,186	11,129	15.4	12,659	2,100	7,846	582
Kasese	83,848	3,665	4.4	4,149	1,486	1,567	
Kibaale	73,311	6,987	9.5	13,105	3,437	2,559	459
Kisoro	50,215	1,208	2.4	1,774	341	693	
Masindi	45,282	1,328	2.9	1,682	159	969	161
Mbarara	52,618	22,278	42.3	27,552	3,586	17,170	806
Ntungamo	58,761	11,622	19.8	13,534	3,620	6,538	
Rukungiri	49,847	13,767	27.6	14,035	784	5,383	5,251
Kamwenge	52,014	11,348	21.8	16,452	4,447	5,743	
Kanungu	38,230	3,548	9.3	3,647	274	1,778	410
Kyenjojo	74,469	5,472	7.3	6,840	1,342	3,540	134
Ibanda	34,150	9,414	27.6	10,102	1,003	5,789	1,708
Isingiro	55,535	15,151	27.3	17,408	4,295	8,149	1,167
Kiruhura	30,646	3,050	10.0	3,755	1,339	1,499	54
<b>UGANDA</b>	<b>3,575,064</b>	<b>333,735</b>	<b>9.3</b>	<b>456,875</b>	<b>87,082</b>	<b>183,480</b>	<b>27,758</b>

**Table A5.8: Number of Ag HHs that reported use and buying of Pruning Saws, by district**

District	Ag HHs by use and buying of Pruning Saws						
	Number of Ag HHs that:		% Aghhs that used	Number of Pruning Saws used	Number of Ag HHs that reported Pruning Saws bought during:		
	Responded	Reported use of Pruning Saws			< 1 year ago	1-10 years ago	10+ years ago
Kiboga	34,727	687	2.0	895	485	202	
Luwero	31,967	920	2.9	1,108			
Masaka	86,820	1,899	2.2	2,324	648	1,086	
Mpigi	70,399	1,124	1.6	1,290	95	1,029	
Mubende	70,066	1,232	1.8	1,232	138	673	138
Mukono	94,070	1,113	1.2	1,355	341	242	132
Rakai	58,994	2,049	3.5	2,297	193	1,344	242
Ssembabule	31,708	1,879	5.9	2,034		1,879	
Wakiso	78,530	448	0.6	724	104	344	
Lyantonde	9,313	627	6.7	674	34	501	51
Nakaseke	16,564				53		
Bugiri	71,228	122	0.2	122			69
Iganga	87,916	726	0.8	726		587	139
Jinja	43,160	1,357	3.1	1,878		1,258	
Kamuli	95,146	496	0.5	652		300	
Kapchorwa	22,547	381	1.7	381		223	
Kumi	43,075	206	0.5	206	109	98	
Mbale	50,494	304	0.6	430	125	92	87
Pallisa	69,059	347	0.5	347	135	104	
Tororo	66,059	265	0.4	397		265	
Sironko	50,653	2,829	5.6	3,093	673	1,774	58
Amuria	37,228	387	1.0	387			
Budaka	26,297	238	0.9	317	79	159	
Bududa	18,724	612	3.3	729	66	475	72
Apac	69,996	425	0.6	547	122	209	
Arua	53,910	493	0.9	493	318	175	
Gulu	34,047	887	2.6	1,524	124	638	
Lira	85,968	243	0.3	362			
Nebbi	71,133	1,839	2.6	1,839	915	388	
Amuru	35,614	298	0.8	298			
Koboko	23,141	95	0.4	95		95	
Oyam	50,931	1,637	3.2	2,932	111	798	
Bushenyi	101,429	1,871	1.8	2,011		1,715	
Hoima	50,684	4,854	9.6	7,811	4,111	431	119
Kasese	83,848	2,895	3.5	2,895	792	1,267	
Kibaale	73,311	960	1.3	1,132	94	695	
Kisoro	50,215	1,868	3.7	1,962	696	1,172	
Masindi	45,282	180	0.4	180		110	70
Mbarara	52,618	3,285	6.2	3,729	934	2,144	100
Ntungamo	58,761	976	1.7	1,140	696		
Rukungiri	49,847	690	1.4	891	414	206	
Kamwenge	52,014	2,712	5.2	2,851	643	1,708	120
Kanungu	38,230	322	0.8	421	98	224	
Kyenjojo	74,469	1,065	1.4	1,366	416	413	
Ibanda	34,150	728	2.1	832	355	295	78
Isingiro	55,535	2,335	4.2	2,945	1,078	1,118	
Kiruhura	30,646	282	0.9	363	201	81	
<b>UGANDA</b>	<b>2,540,523</b>	<b>51,188</b>	<b>1.4</b>	<b>62,217</b>	<b>15,396</b>	<b>26,517</b>	<b>1,475</b>

**Table A5.9: Number of Ag HHs that reported use and buying of Chain/Hand saw, by district**

District	Ag HHs by use and buying of Chain/Hand saw						
	Number of Ag HHs that:		% Agghs that used	Number of Chain/Hand Saw used	Number of Ag HHs that reported Chain/Hand Saw bought during:		
	Responded	Reported use of Chain/Hand Saw			< 1 year ago	1-10 years ago	10+ years ago
Mubende	70,066	260	0.4	260	88	172	
Mukono	94,070	201	0.2	201	201		
Wakiso	78,530	3,136	4.0	3,136	2,795	198	
Bugiri	71,228	758	1.1	758	758		
Iganga	87,916	674	0.8	985		674	
Kamuli	95,146	290	0.3	290	125		165
Katakwi	25,716	827	3.2	1,361	68	464	
Kumi	43,075	245	0.6	245		245	
Pallisa	69,059	313	0.5	313	163	149	
Soroti	72,710	370	0.5	491			
Mayuge	46,012	417	0.9	417		313	
Sironko	50,653	515	1.0	629	114	401	
Amuria	37,228	548	1.5	784	236	208	104
Budaka	26,297	159	0.6	318			
Bukwo	22,164	146	0.7	146		113	32
Arua	53,910	261	0.5	261	43	113	
Gulu	34,047	1,202	3.5	1,705		1,077	
Lira	85,968	483	0.6	483	259	224	
Moyo	20,188	206	1.0	206			
Koboko	23,141	156	0.7	188	83	74	
Oyam	50,931	427	0.8	742		427	
Hoima	50,684	520	1.0	520		414	106
Kabale	82,386	272	0.3	272		272	
Kabarole	72,186	400	0.6	686		400	
Kasese	83,848	306	0.4	306		306	
Kibaale	73,311	239	0.3	427	145	94	
Masindi	45,282	563	1.2	919		307	255
Mbarara	52,618	333	0.6	333			
Kamwenge	52,014	242	0.5	343	101	141	
Kanungu	38,230	353	0.9	353	177	176	
Ibanda	34,150	543	1.6	543	105	438	
<b>UGANDA</b>	<b>1,742,764</b>	<b>15,365</b>	<b>0.4</b>	<b>18,621</b>	<b>5,461</b>	<b>7,400</b>	<b>662</b>

**Table A5.10.: Number of Ag HHs that reported use and buying of Shellers, by district**

District	Ag HHs by use and buying of Shellers						
	Number of Ag HHs that:		% Agghs that used	Number of Shellers used	Number of Ag HHs that reported Shellers bought during:		
	Responded	Reported use of Shellers			< 1 year ago	1-10 years ago	10+ years ago
Mubende	70,066	395	0.6	395	195		200
Mukono	94,070	943	1.0	992			
Nakasongola	12,971						
Rakai	58,994	1,300	2.2	1,300	120	738	
Wakiso	78,530	817	1.0	817	657	160	
Iganga	87,916	511	0.6	511			
Jinja	43,160	1,357	3.1	1,779		1,258	
Kumi	43,075	1,119	2.6	1,398	79	152	
Bududa	18,724	227	1.2	227		227	
Bukwo	22,164	625	2.8	625		174	105
Butaleja	29,345	433	1.5	433			
Kaliro	28,600	163	0.6	163			
Arua	53,910	1,234	2.3	1,548			
Gulu	34,047	737	2.2	1,410	224	249	
Moyo	20,188	84	0.4	84			
Nebbi	71,133	280	0.4	280	280		
Bushenyi	101,429	851	0.8	50,715	328	523	
Kabale	82,386	583	0.7	583		276	
Kabarole	72,186	1,010	1.4	1,110			
Kasese	83,848	280	0.3	280	176	104	
Masindi	45,282	195	0.4	195			
Mbarara	52,618	373	0.7	373	130	244	
Ntungamo	58,761	294	0.5	388			
Kamwenge	52,014	460	0.9	460			
Kiruhura	30,646	307	1.0	417	110	196	
<b>UGANDA</b>	<b>1,346,063</b>	<b>14,578</b>	<b>0.4</b>	<b>65,373</b>	<b>2,299</b>	<b>4,301</b>	<b>305</b>



**Table A5.11: Number of Ag HHs that reported use and buying of Spades, by district**

District	Ag HHs by use and buying of Spades						
	Number of Ag HHs that:		% Agghs that used	Number of Spades used	Number of Ag HHs that reported Spades bought during:		
	Responded	Reported use of Spades			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	356	13.6	456	16	269	47
Kampala	25,464	4,835	19.0	6,930	1,161	3,222	451
Kiboga	34,727	6,447	18.6	7,926	2,048	4,188	
Luwero	31,967	4,611	14.4	5,078	429	2,135	
Masaka	86,820	21,227	24.4	26,777	1,429	13,692	1,066
Mpigi	70,399	9,989	14.2	12,238	4,535	4,649	404
Mubende	70,066	16,856	24.1	17,724	3,500	10,558	1,739
Mukono	94,070	16,979	18.0	19,635	2,295	10,330	1,208
Nakasongola	12,971	2,614	20.2	3,114	364	851	
Rakai	58,994	6,304	10.7	7,316	1,648	3,852	548
Ssembabule	31,708	9,377	29.6	12,213	926	7,988	80
Kayunga	45,964	4,934	10.7	6,045	520	3,183	268
Wakiso	78,530	31,003	39.5	40,526	8,631	18,406	142
Lyantonde	9,313	1,400	15.0	1,914	221	1,102	35
Mityana	45,306	8,349	18.4	10,833	2,144	3,971	665
Nakaseke	16,564	1,446	8.7	1,882	635	525	
Bugiri	71,228	4,373	6.1	4,737	774	2,701	580
Busia	38,126	6,952	18.2	7,890	1,147	3,776	186
Iganga	87,916	17,530	19.9	20,572	3,234	10,491	529
Jinja	43,160	9,948	23.0	11,203	2,645	5,652	334
Kamuli	95,146	11,001	11.6	11,714	1,736	5,632	2,301
Kapchorwa	22,547	2,510	11.1	2,959	783	1,526	82
Katakwi	25,716	5,141	20.0	6,367	1,653	2,211	
Kumi	43,075	3,072	7.1	3,542	92	1,686	
Mbale	50,494	3,684	7.3	4,529	1,177	1,611	
Pallisa	69,059	7,082	10.3	8,050	757	4,054	
Soroti	72,710	12,132	16.7	13,233	1,304	4,035	
Tororo	66,059	8,721	13.2	9,722	1,999	5,083	
Kaberamaido	26,323	1,357	5.2	1,430	72	1,028	
Mayuge	46,012	7,402	16.1	7,744	595	4,152	443
Sironko	50,653	4,786	9.4	5,332	1,113	2,910	98
Amuria	37,228	7,900	21.2	10,769	915	4,643	173
Budaka	26,297	5,861	22.3	6,542	1,598	1,967	
Bududa	18,724	719	3.8	868	76	644	
Bukedea	26,154	2,166	8.3	2,358	698	1,027	59
Bukwo	22,164	2,415	10.9	2,852	562	904	109
Butaleja	29,345	2,357	8.0	3,502	259	1,000	74
Kaliro	28,600	2,294	8.0	2,458	239	1,254	
Manafwa	44,167	2,313	5.2	2,984	681	1,140	401
Namutumba	28,982	5,473	18.9	5,947	831	1,905	94
Adjumani	22,292	2,361	10.6	2,739	175	1,614	72
Apac	69,996	3,765	5.4	4,024	467	2,502	651
Arua	53,910	7,328	13.6	8,724	1,945	3,715	
Gulu	34,047	6,350	18.7	8,273	2,430	3,559	

District	Ag HHs by use and buying of Spades						
	Number of Ag HHs that:		% Agghs that used	Number of Spades used	Number of Ag HHs that reported Spades bought during:		
	Responded	Reported use of Spades			< 1 year ago	1-10 years ago	10+ years ago
Kitgum	39,347	3,651	9.3	4,005	1,315	1,031	
Kotido	19,311	181	0.9	237	126	55	
Lira	85,968	9,445	11.0	10,728	3,661	5,098	
Moroto	13,942	1,142	8.2	1,354	584	345	106
Moyo	20,188	2,368	11.7	2,742	708	1,578	82
Nebbi	71,133	2,444	3.4	2,915	1,230	604	169
Nakapiripi-t	25,873	1,530	5.9	1,739		1,413	
Pader	50,951	1,806	3.5	2,132	282	690	400
Yumbe	42,913	5,088	11.9	5,088	1,919	1,475	74
Abim	8,810	1,024	11.6	1,185	393	156	
Amolatar	16,712	1,121	6.7	1,237	514	482	124
Amuru	35,614	5,408	15.2	7,698	803	2,919	
Dokolo	26,370	1,086	4.1	1,254	405	578	
Kaabong	19,657	267	1.4	267	267		
Koboko	23,141	2,538	11.0	2,663	473	1,179	886
Nyadri	24,595	1,135	4.6	1,353	531	319	143
Oyam	50,931	4,922	9.7	5,762	994	3,085	
Bundibugyo	20,158	2,368	11.7	2,506	321	1,462	
Bushenyi	101,429	27,140	26.8	35,842	4,898	16,428	2,247
Hoima	50,684	9,798	19.3	11,110	289	4,515	2,900
Kabale	82,386	18,998	23.1	23,529	5,169	9,865	123
Kabarole	72,186	18,034	25.0	21,690	1,140	10,423	389
Kasese	83,848	20,858	24.9	21,823	7,026	11,793	468
Kibaale	73,311	9,304	12.7	10,330	1,662	6,209	566
Kisoro	50,215	6,386	12.7	7,706	2,619	2,305	494
Masindi	45,282	7,417	16.4	8,091	2,357	4,173	530
Mbarara	52,618	15,623	29.7	17,924	6,500	7,945	310
Ntungamo	58,761	8,015	13.6	10,705	2,251	3,086	801
Rukungiri	49,847	9,795	19.7	12,142	5,488	3,605	495
Kamwenge	52,014	10,466	20.1	11,423	1,459	7,122	627
Kanungu	38,230	10,475	27.4	11,521	2,784	5,290	380
Kyenjojo	74,469	13,969	18.8	16,677	1,654	6,029	1,797
Buliisa	8,223	237	2.9	304	40	170	27
Ibanda	34,150	9,037	26.5	10,388	3,719	4,243	249
Isingiro	55,535	8,958	16.1	10,999	2,521	5,433	361
Kiruhura	30,646	5,714	18.6	6,261	2,814	2,019	465
<b>UGANDA</b>	<b>3,575,064</b>	<b>561,468</b>	<b>15.7</b>	<b>665,001</b>	<b>129,375</b>	<b>304,465</b>	<b>28,052</b>

**Table A5.12: Number of Ag HHs that reported use and buying of Fork Hoes, by district**

District	Ag HHs by use and buying of Fork Hoes						
	Number of Ag HHs that:		% Agghs that used	Number of Fork Hoes used	Number of Ag HHs that reported Fork Hoes bought during:		
	Responded	Reported use of Fork Hoes			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	194	7.4	288	25	102	47
Kampala	25,464	2,096	8.2	3,645	42	1,817	237
Kiboga	34,727	1,621	4.7	1,938	737	721	
Luwero	31,967	1,025	3.2	1,025		349	
Masaka	86,820	18,619	21.4	19,629	1,067	10,472	3,004
Mpigi	70,399	4,537	6.4	5,609	1,923	1,202	847
Mubende	70,066	10,316	14.7	11,070	993	4,641	4,027
Mukono	94,070	7,168	7.6	7,819	310	4,166	1,447
Nakasongola	12,971						
Rakai	58,994	3,150	5.3	3,691		703	2,059
Ssembabule	31,708	1,443	4.6	1,721	203	1,165	
Kayunga	45,964	1,195	2.6	1,379	164	682	196
Wakiso	78,530	10,218	13.0	15,908	7,260	2,610	348
Lyantonde	9,313	676	7.3	898	42	593	
Mityana	45,306	1,919	4.2	2,190	621	1,076	221
Nakaseke	16,564	837	5.1	1,714	111	541	
Bugiri	71,228	1,593	2.2	1,791		1,435	
Busia	38,126	466	1.2	581		279	90
Iganga	87,916	811	0.9	1,148		426	
Jinja	43,160	7,154	16.6	7,253	195	5,630	701
Kamuli	95,146	808	0.8	1,114	188	166	453
Kapchorwa	22,547	278	1.2	278	76	146	
Katakwi	25,716						
Kumi	43,075						
Mbale	50,494	1,731	3.4	2,282	632	363	87
Pallisa	69,059	222	0.3	222	0	222	
Soroti	72,710	410	0.6	410			
Tororo	66,059	1,324	2.0	1,324	514	595	
Kaberamaido	26,323	253	1.0	489	0	253	
Mayuge	46,012	372	0.8	372	111	261	
Sironko	50,653	1,132	2.2	1,132	344	788	
Amuria	37,228	1,353	3.6	1,353	94	1,145	
Budaka	26,297	2,707	10.3	2,930	762	1,789	
Bududa	18,724	666	3.6	728	44	445	177
Bukedea	26,154						
Bukwo	22,164	472	2.1	472	0	324	
Butaleja	29,345						
Kaliro	28,600						
Manafwa	44,167	1,149	2.6	1,837	341	466	341
Namutumba	28,982	523	1.8	523	67	233	90
Adjumani	22,292	1,053	4.7	1,053	390	663	
Apac	69,996						
Arua	53,910	1,566	2.9	1,896	814	349	
Gulu	34,047	1,913	5.6	2,971	713	1,076	

Ag HHs by use and buying of Fork Hoes							
District	Number of Ag HHs that:		% Aghhs that used	Number of Fork Hoes used	Number of Ag HHs that reported Fork Hoes bought during:		
	Responded	Reported use of Fork Hoes			< 1 year ago	1-10 years ago	10+ years ago
Kitgum	39,347	607	1.5	728	0	281	
Kotido	19,311						
Lira	85,968	1,659	1.9	1,659	1,210	224	
Moroto	13,942						
Moyo	20,188	1,936	9.6	2,187	501	1,355	
Nebbi	71,133	1,533	2.2	1,650	329	748	169
Nakapiripit	25,873						
Pader	50,951						
Yumbe	42,913	3,562	8.3	3,662	2,066	590	
Abim	8,810	86	1.0	86			
Amolatar	16,712						
Amuru	35,614	1,920	5.4	2,861	293	807	
Dokolo	26,370						
Kaabong	19,657	1,335	6.8	2,980	733	440	
Koboko	23,141	1,480	6.4	1,480	248	483	697
Nyadri	24,595	2,092	8.5	2,481	1,003	972	
Oyam	50,931	1,001	2.0	1,139	74	927	
Bundibugyo	20,158	343	1.7	343	21	215	
Bushenyi	101,429	37,542	37.0	58,609	9,811	20,438	3,078
Hoima	50,684	7,633	15.1	8,849	1,694	4,521	514
Kabale	82,386	17,646	21.4	21,911	2,039	13,114	123
Kabarole	72,186	5,857	8.1	6,942	572	4,096	623
Kasese	83,848	5,709	6.8	5,709	679	3,917	307
Kibaale	73,311	4,611	6.3	4,611	1,132	2,494	77
Kisoro	50,215	10,365	20.6	13,326	3,117	4,396	1,708
Masindi	45,282	4,236	9.4	5,474	1,425	2,582	229
Mbarara	52,618	22,339	42.5	34,760	8,401	12,494	142
Ntungamo	58,761	14,154	24.1	21,193	8,931	3,896	287
Rukungiri	49,847	7,124	14.3	9,335	2,544	3,303	334
Kamwenge	52,014	2,014	3.9	2,124	231	1,543	120
Kanungu	38,230	4,519	11.8	5,625	1,346	2,696	95
Kyenjojo	74,469	11,555	15.5	14,975	1,530	5,027	1,516
Buliisa	8,223	215	2.6	255	40	141	33
Ibanda	34,150	2,509	7.3	2,596	572	1,339	86
Isingiro	55,535	16,451	29.6	22,824	7,396	8,436	619
Kiruhura	30,646	1,415	4.6	1,739	880	191	344
<b>UGANDA</b>	<b>3,575,064</b>	<b>286,418</b>	<b>8.0</b>	<b>372,796</b>	<b>77,601</b>	<b>149,560</b>	<b>25,473</b>

**Table A5.13: Number of Ag HHs that reported use and buying of Tractors, by district**

District	Ag HHs by use and buying of Tractors						
	Number of Ag HHs that:		% Agghs that used	Number of Tractors used	Number of Ag HHs that reported Tractors bought during:		
	Responded	Reported use of Tractors			< 1 year ago	1-10 years ago	10+ years ago
Luwero	31,967	174	0.5	174			
Mpigi	70,399	817	1.2	817		200	114
Mubende	70,066	291	0.4	291			
Mukono	94,070	1,070	1.1	1,120			
Ssembabule	31,708	419	1.3	419			
Wakiso	78,530	274	0.3	274	164	100	
Busia	38,126	219	0.6	219			
Iganga	87,916	4,197	4.8	5,772	126	954	
Jinja	43,160	707	1.6	707		150	
Kamuli	95,146	388	0.4	388			
Mayuge	46,012	1,438	3.1	1,438			
Sironko	50,653	2,249	4.4	2,249			
Budaka	26,297	522	2.0	603			
Bukedea	26,154	427	1.6	427		384	43
Bukwo	22,164	660	3.0	660	37	104	
Gulu	34,047	1,219	3.6	1,388	272	779	
Lira	85,968	306	0.4	306			
Pader	50,951	549	1.1	549	269		
Abim	8,810	86	1.0	86			
Amuru	35,614	830	2.3	927			
Koboko	23,141	164	0.7	371	113		52
Hoima	50,684	2,617	5.2	3,241	743	275	
Kasese	83,848	2,979	3.6	2,979	164	229	
Kibaale	73,311	219	0.3	219			
Masindi	45,282	4,064	9.0	6,155		70	1,112
Mbarara	52,618	321	0.6	407	127	195	
Kanungu	38,230	620	1.6	620			
<b>UGANDA</b>	<b>1,394,872</b>	<b>27,826</b>	<b>0.8</b>	<b>32,806</b>	<b>2,015</b>	<b>3,440</b>	<b>1,321</b>

**Table A5.14: Number of Ag HHs that reported use and buying of Ploughs, by district**

District	Ag HHs by use and buying of Ploughs						
	Number of Ag HHs that:		% Aghhs that used	Number of Ploughs used	Number of Ag HHs that reported Ploughs bought during:		
	Responded	Reported use of Ploughs			< 1 year ago	1-10 years ago	10+ years ago
Mukono	94,070	666	0.7	666			
Nakasongola	12,971	1,409	10.9	1,676	267	68	134
Bugiri	71,228	334	0.5	403		334	
Busia	38,126	234	0.6	234			
Iganga	87,916	2,075	2.4	2,197	148	1,353	139
Jinja	43,160	682	1.6	682		493	140
Kapchorwa	22,547	301	1.3	859			
Katakwi	25,716	1,291	5.0	1,291		541	184
Kumi	43,075	3,318	7.7	3,625		1,272	426
Pallisa	69,059	3,845	5.6	4,901	824	2,640	
Soroti	72,710	6,532	9.0	7,082	1,109	2,580	
Tororo	66,059	2,386	3.6	3,330	277	503	
Kaberamaido	26,323	228	0.9	512			
Mayuge	46,012	904	2.0	904			
Sironko	50,653	1,884	3.7	1,884			
Amuria	37,228	2,429	6.5	5,093	825	206	193
Budaka	26,297	3,591	13.7	3,591		71	274
Bukedea	26,154	896	3.4	991	93	443	
Bukwo	22,164	940	4.2	1,571		226	397
Butaleja	29,345	1,966	6.7	3,614		929	116
Kaliro	28,600	1,908	6.7	1,996	893	497	83
Manafwa	44,167	394	0.9	502	215	179	
Namutumba	28,982	892	3.1	1,027	238	69	136
Adjumani	22,292	1,156	5.2	2,983	301	715	88
Apac	69,996	6,978	10.0	8,803		5,164	1,061
Gulu	34,047	1,886	5.5	3,144	438	1,088	
Kitgum	39,347	419	1.1	419	210	81	
Kotido	19,311	1,882	9.7	3,506	586	1,224	
Lira	85,968	1,641	1.9	4,397	1,071	397	
Moroto	13,942	956	6.9	3,505	106	743	106
Nakapiripit	25,873	315	1.2	499		249	
Pader	50,951	658	1.3	964		412	246
Abim	8,810	234	2.7	234	78	64	
Amolatar	16,712	859	5.1	1,870	436	384	
Amuru	35,614	788	2.2	788	131	569	
Dokolo	26,370	1,169	4.4	1,169	147	879	
Kaabong	19,657	4,026	20.5	4,985	3,140		842
Oyam	50,931	2,440	4.8	2,779	472	1,599	369
Hoima	50,684	317	0.6	506			
Masindi	45,282	1,268	2.8	1,464		187	995
Kamwenge	52,014	392	0.8	392			
Kanungu	38,230	379	1.0	379			
Kiruhura	30,646	338	1.1	338			

**Table A5.15: Number of Ag HHs that reported use and buying of Ox-Ploughs, by district**

District	Ag HHs by use and buying of Ox-Ploughs						
	Number of Ag HHs that:		% Aghhs that used	Number of Ox-Plough used	Number of Ag HHs that reported Ox-Plough bought during:		
	Responded	Reported use of Ox-Ploughs			< 1 year ago	1-10 years ago	10+ years ago
Kiboga	34,727	1,260	3.6	2,131			
Nakasongola	12,971	3,290	25.4	6,397	388	874	68
Kayunga	45,964	394	0.9	682	110	284	
Bugiri	71,228	8,540	12.0	10,154	1,605	5,565	44
Busia	38,126	4,219	11.1	4,453	330	1,665	
Iganga	87,916	13,097	14.9	22,624	731	2,360	419
Jinja	43,160	137	0.3	234			
Kamuli	95,146	13,882	14.6	18,436	1,972	4,402	5,454
Kapchorwa	22,547	2,746	12.2	3,915	210	1,182	1,188
Katakwi	25,716	13,624	53.0	14,083	2,026	4,327	1,724
Kumi	43,075	23,216	53.9	28,331	1,772	10,196	1,938
Mbale	50,494	1,146	2.3	1,146		210	364
Pallisa	69,059	39,392	57.0	63,376	1,434	9,976	1,839
Soroti	72,710	41,373	56.9	51,141	4,779	22,565	1,934
Tororo	66,059	13,809	20.9	18,521	1,027	6,549	1,071
Kaberamaido	26,323	10,120	38.4	11,299	150	4,116	2,557
Mayuge	46,012	2,079	4.5	3,156			471
Sironko	50,653	5,394	10.6	5,742		968	
Amuria	37,228	23,507	63.1	26,605	2,687	11,125	3,559
Budaka	26,297	13,349	50.8	16,319	656	2,159	330
Bukedea	26,154	8,667	33.1	12,560	832	5,688	1,430
Bukwo	22,164	10,957	49.4	12,034	225	3,318	2,591
Butaleja	29,345	7,234	24.7	11,407	260	1,795	918
Kaliro	28,600	8,269	28.9	12,369	1,339	3,019	607
Manafwa	44,167	1,851	4.2	1,959	188	395	661
Namutumba	28,982	6,220	21.5	7,417	1,228	2,059	345
Adjumani	22,292	4,176	18.7	6,631	1,197	1,914	247
Apac	69,996	18,832	26.9	33,664	3,050	13,082	1,886
Gulu	34,047	6,883	20.2	10,089	1,568	5,055	
Kitgum	39,347	3,081	7.8	4,898	995	1,264	
Kotido	19,311	6,857	35.5	11,116	2,280	3,182	387
Lira	85,968	21,059	24.5	25,071	4,764	12,729	
Moroto	13,942	4,160	29.8	7,319	602	1,451	1,575
Moyo	20,188	982	4.9	1,229	115	760	
Nebbi	71,133	10,011	14.1				
Nakapiripi-t	25,873	9,473	36.6	12,315	112	8,691	660
Pader	50,951	12,315	24.2	10,867	1,621	6,142	949
Yumbe	42,913	10,867	25.3				
Abim	8,810	1,116	12.7	1,533	113	69	
Amolatar	16,712	6,830	40.9	7,460	893	4,057	767
Amuru	35,614	3,523	9.9	6,013	538	1,088	
Dokolo	26,370	11,095	42.1	13,272	764	8,713	961
Kaabong	19,657	6,976	35.5	7,849	426	1,638	4,684
Oyam	50,931	11,590	22.8	17,795	3,161	5,230	130
Masindi	45,282	3,373	7.4	4,011	1,066	1,693	111
Kamwenge	52,014	995	1.9	2,050	233	120	132
<b>UGANDA</b>	<b>1,896,174</b>	<b>431,966</b>	<b>12.1</b>	<b>549,673</b>	<b>47,447</b>	<b>181,675</b>	<b>42,001</b>

**Table A5.16: Number of Ag HHs that reported use and buying of Trailers, by district**

District	Ag HHs by use and buying of Trailers						
	Number of Ag HHs that:		% Aghhs that used	Number of Trailers used	Number of Ag HHs that reported Trailers bought during:		
	Responded	Reported use of Trailers			< 1 year ago	1-10 years ago	10+ years ago
Mukono	94,070	160	0.2	209			
Iganga	87,916	317	0.4				
Sironko	50,653	980	1.9	980			
Amuria	37,228	257	0.7	257			
Bukedea	26,154	170	0.6	285		170	
Bukwo	22,164	369	1.7	369	37	52	113
Kaliro	28,600	427	1.5	427			
Namutumba	28,982	245	0.8	246			
Ntungamo	58,761	577	1.0	577			

**Table A5.17: Number of Ag HHs that reported use and buying of Harrows/cultivators, by district**

District	Ag HHs by use and buying of Harrows/cultivators						
	Number of Ag HHs that:		% Aghhs that used	Number of Harrows/ Cultivators used	Number of Ag HHs that reported Harrows / Cultivators bought during:		
	Responded	Reported use of Harrows/Cultivators			< 1 year ago	1-10 years ago	10+ years ago
Rakai	58,994	438	0.7	438		269	
Arua	53,910	3,515	6.5	5,782	1,462	1,438	
Masindi	45,282	173	0.4		299		

**Table A5.18: Number of Ag HHs that reported use and buying of Planters by district**

District	Ag HHs by use and buying of Planters						
	Number of Ag HHs that:		% Aghhs that used	Numbers of Planters used	Number of Ag HHs s that reported Planters bought during:		
	Responded	Reported use of Planters			< 1 year ago	1-10 years ago	10+ years ago
Wakiso	78,530	616	0.8	616	143	330	
Soroti	72,710	331	0.5	331			
Budaka	26,297	133	0.5	133			
Bududa	18,724	107	0.6	107	44	63	
Gulu	34,047	513	1.5	638	124	389	
Amuru	35,614	199	0.6	199		199	
Oyam	50,931	195	0.4	195		195	
Bushenyi	101,429	4,289	4.2	6,597	1,848	2,285	
Hoima	50,684	393	0.8	393			
Kyenjojo	74,469	871	1.2	1,743		485	



**Table A5.19: Number of Ag HHs that reported use and buying of Sprayers, by district**

Ag HHs by use and buying of Sprayers							
District	Number of Ag HHs that:		% Agghs that used	Number of Sprayers used	Number of Ag HHs that reported Sprayers bought during:		
	Responded	Reported use of Sprayers			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623						
Kampala	25,464	1,709	6.7	3,139	434	1,275	
Kiboga	34,727	6,786	19.5	7,132	1,501	3,783	254
Luwero	31,967	4,835	15.1	4,835	680	933	
Masaka	86,820	17,807	20.5	18,597	1,690	9,073	
Mpigi	70,399	12,426	17.7	14,341	2,707	7,088	241
Mubende	70,066	17,855	25.5	19,965	4,391	9,210	226
Mukono	94,070	14,144	15.0	14,546	1,473	7,251	941
Nakasongola	12,971	2,414	18.6	2,529	147	781	68
Rakai	58,994	7,579	12.8	8,053	226	3,337	143
Ssembabule	31,708	7,783	24.5	8,752	1,060	5,459	207
Kayunga	45,964	3,382	7.4	3,699	332	2,046	196
Wakiso	78,530	15,754	20.1	17,390	7,507	6,474	468
Lyantonde	9,313	1,223	13.1	1,653	130	968	78
Mityana	45,306	8,346	18.4	9,138	969	4,329	1,348
Nakaseke	16,564	2,396	14.5	2,513	884	817	
Bugiri	71,228	4,784	6.7	5,147	2,371	2,071	
Busia	38,126	1,384	3.6	1,542	200	544	
Iganga	87,916	7,437	8.5	9,335	1,107	2,777	
Jinja	43,160	7,629	17.7	7,629	1,404	4,953	
Kamuli	95,146	7,856	8.3	8,167	1,449	4,593	459
Kapchorwa	22,547	2,363	10.5	2,363	742	1,404	160
Katakwi	25,716	6,099	23.7	6,154	2,163	1,543	898
Kumi	43,075	15,402	35.8	16,482	2,378	3,466	
Mbale	50,494	2,721	5.4	3,118	694	913	238
Pallisa	69,059	17,114	24.8	19,741	541	2,474	449
Soroti	72,710	19,651	27.0	20,591	3,271	3,360	131
Tororo	66,059	4,991	7.6	5,511	1,547	1,994	
Kaberamaido	26,323	2,694	10.2	2,694	954	1,265	
Mayuge	46,012	1,525	3.3	1,780	340	677	219
Sironko	50,653	6,832	13.5	6,832	897	1,877	440
Amuria	37,228	14,583	39.2	15,663	7,213	5,722	
Budaka	26,297	13,266	50.4	13,266	1,342	1,473	64
Bududa	18,724	1,064	5.7	1,118	353	598	113
Bukedea	26,154	3,899	14.9	3,967	2,072	1,629	
Bukwo	22,164	7,034	31.7	7,605	816	3,033	261
Butaleja	29,345	3,739	12.7	5,209	433	1,320	69
Kaliro	28,600	3,228	11.3	3,273	995	638	69
Manafwa	44,167	1,115	2.5	1,222	409	627	79
Namutumba	28,982	3,419	11.8	3,419	1,178	769	
Adjumani	22,292	714	3.2	850	158	353	
Apac	69,996	2,206	3.2	2,328	484	1,382	114
Arua	53,910	2,719	5.0	3,258	163	1,164	
Gulu	34,047	3,785	11.1	4,678	1,468	2,177	

Ag HHs by use and buying of Sprayers							
District	Number of Ag HHs that:		% Aghhs that used	Number of Sprayers used	Number of Ag HHs that reported Sprayers bought during:		
	Responded	Reported use of Sprayers			< 1 year ago	1-10 years ago	10+ years ago
Kitgum	39,347	282	0.7	282	105	177	
Kotido	19,311						
Lira	85,968	4,944	5.8	4,944	343	4,251	
Moroto	13,942						
Moyo	20,188	563	2.8	731	136	427	
Nebbi	71,133	944	1.3	1,231	428		
Nakapiripi-t	25,873	1,362	5.3	1,637	92	1,270	
Pader	50,951	575	1.1	575	95	93	
Yumbe	42,913	561	1.3	561	119	119	74
Abim	8,810	223	2.5	223			
Amolatar	16,712	997	6.0	1,102	490	404	
Amuru	35,614	1,571	4.4	1,839	317	1,160	
Dokolo	26,370	1,128	4.3	1,128	556	417	
Kaabong	19,657						
Koboko	23,141	418	1.8	418	216	143	59
Nyadri	24,595						
Oyam	50,931	3,599	7.1	4,000	1,459	1,381	84
Bundibugyo	20,158						
Bushenyi	101,429	8,985	8.9	12,221	4,307	3,595	900
Hoima	50,684	7,167	14.1	7,522	1,110	4,719	111
Kabale	82,386	19,458	23.6	21,172	9,476	4,777	
Kabarole	72,186	7,463	10.3	8,429	865	5,111	133
Kasese	83,848	4,750	5.7	4,972	980	1,964	859
Kibaale	73,311	3,671	5.0	3,848	2,285	856	
Kisoro	50,215	9,850	19.6	10,334	766	7,953	403
Masindi	45,282	6,873	15.2	8,651	2,179	3,699	164
Mbarara	52,618	2,695	5.1	2,865	531	1,841	108
Ntungamo	58,761	2,476	4.2	2,942	980	881	137
Rukungiri	49,847	4,938	9.9	5,036	1,590	2,347	252
Kamwenge	52,014	4,592	8.8	4,698	736	2,320	511
Kanungu	38,230	5,241	13.7	5,729	1,921	2,151	
Kyenjojo	74,469	5,455	7.3	5,580	1,371	2,606	131
Buliisa	8,223	163	2.0	165		114	27
Ibanda	34,150	4,152	12.2	4,376	321	2,366	170
Isingiro	55,535	1,908	3.4	2,013	312	1,494	
Kiruhura	30,646	3,608	11.8	3,689	568	2,555	263
<b>UGANDA</b>	<b>3,575,064</b>	<b>414,304</b>	<b>11.6</b>	<b>452,137</b>	<b>95,927</b>	<b>178,811</b>	<b>12,319</b>

**Table A5.20: Number of Ag HHs that reported use and buying of Pails, by district**

District	Ag HHs by use and buying of Pails						
	Number of Ag HHs that:		% Agghs that used	Number of Pails used	Number of Ag HHs that reported Pails bought during:		
	Responded	Reported use of Pails			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	30	1.1	60	9	21	
Kampala	25,464	2,900	11.4	5,392	631	2,105	164
Kiboga	34,727	3,498	10.1	5,688	1,704	561	
Luwero	31,967	1,026	3.2	1,026	71	332	
Masaka	86,820	5,347	6.2	5,782	2,555	1,495	
Mpigi	70,399	2,620	3.7	3,694	1,643	736	
Mubende	70,066	2,760	3.9	3,641	1,440	828	
Mukono	94,070	3,855	4.1	5,198	2,226	1,078	110
Nakasongola	12,971						
Rakai	58,994	1,909	3.2	2,792	861	689	287
Ssembabule	31,708	3,380	10.7	5,325	1,394	1,852	
Kayunga	45,964						
Wakiso	78,530	5,067	6.5	6,859	4,302	765	
Lyantonde	9,313	603	6.5	856	405	162	
Mityana	45,306	1,236	2.7	1,649	783	266	93
Nakaseke	16,564	189	1.1	328		189	
Bugiri	71,228	963	1.4	1,279	391	572	
Busia	38,126	4,827	12.7	5,852	1,700	2,839	
Iganga	87,916	5,861	6.7	10,229	3,262	2,106	
Jinja	43,160	9,931	23.0	12,385	5,005	3,287	57
Kamuli	95,146	7,880	8.3	8,742	4,540	2,617	313
Kapchorwa	22,547	421	1.9	421	421		
Katakwi	25,716	3,347	13.0	4,271	2,195	799	
Kumi	43,075						
Mbale	50,494	167	0.3	281			
Pallisa	69,059						
Soroti	72,710	1,768	2.4	1,931	1,350	266	
Tororo	66,059	4,125	6.2	4,482	1,065	2,558	
Kaberamaido	26,323	500	1.9	500	80	420	
Mayuge	46,012	3,495	7.6	4,030	2,425	824	
Sironko	50,653	4,231	8.4	4,638	2,147	1,644	153
Amuria	37,228	3,637	9.8	4,537	1,300	2,336	
Budaka	26,297	2,298	8.7	2,696	1,676	320	
Bududa	18,724	442	2.4	496	183	222	37
Bukedea	26,154	483	1.8	483	434	50	
Bukwo	22,164						
Butaleja	29,345						
Kaliro	28,600	697	2.4	840	437	261	
Manafwa	44,167						
Namutumba	28,982	1,386	4.8	1,762	1,179	87	
Adjumani	22,292						
Apac	69,996						
Arua	53,910	1,104	2.0	1,701	341	720	
Gulu	34,047	1,647	4.8	2,501	529	1,118	
Kitgum	39,347						

Ag HHs by use and buying of Pails							
District	Number of Ag HHs that:		% Agghs that used	Number of Pails used	Number of Ag HHs that reported Pails bought during:		
	Responded	Reported use of Pails			< 1 year ago	1-10 years ago	10+ years ago
Kotido	19,311						
Lira	85,968	713	0.8	713	483	230	
Moroto	13,942						
Moyo	20,188						
Nebbi	71,133						
Nakapiripi-t	25,873						
Pader	50,951						
Yumbe	42,913	1,106	2.6	1,106	341	447	
Abim	8,810						
Amolatar	16,712						
Amuru	35,614	1,263	3.5	2,028	74	1,189	
Dokolo	26,370	130	0.5	130	130		
Kaabong	19,657						
Koboko	23,141	132	0.6	132		84	48
Nyadri	24,595						
Oyam	50,931	593	1.2	771		389	
Bundibugyo	20,158	1,096	5.4	1,581	453	578	
Bushenyi	101,429	11,398	11.2	17,255	5,994	4,882	183
Hoima	50,684	1,362	2.7	1,469	396	966	
Kabale	82,386	2,370	2.9	2,955	760	1,000	
Kabarole	72,186	2,081	2.9	2,968	375	1,706	
Kasese	83,848	412	0.5	641	392	21	
Kibaale	73,311	594	0.8	784	361	234	
Kisoro	50,215	438	0.9	557	214	224	
Masindi	45,282	1,828	4.0	3,379	371	1,240	168
Mbarara	52,618	6,438	12.2	8,706	3,993	2,445	
Ntungamo	58,761	4,354	7.4	7,263	3,476	269	88
Rukungiri	49,847	11,295	22.7	16,645	6,976	4,018	
Kamwenge	52,014	3,899	7.5	6,362	2,299	1,444	
Kanungu	38,230	3,493	9.1	6,365	1,576	1,694	
Kyenjojo	74,469	2,465	3.3	2,711	1,048	562	
Buliisa	8,223						
Ibanda	34,150	3,441	10.1	4,929	2,061	1,381	
Isingiro	55,535	4,066	7.3	6,027	1,160	2,906	
Kiruhura	30,646	4,720	15.4	7,975	3,221	1,409	
<b>UGANDA</b>	<b>3,575,064</b>	<b>163,317</b>	<b>4.6</b>	<b>225,799</b>	<b>84,838</b>	<b>63,443</b>	<b>1,701</b>

**Table A5.21: Number of Ag HHs that reported use and buying of Milk Cans, by district**

District	Ag HHs by use and buying of Milk Cans						
	Number of Ag HHs that:		% Agghs that used	Number of Milk Cans used	Number of Ag HHs that reported Milk Cans bought during:		
	Responded	Reported use of Milk Cans			< 1 year ago	1-10 years ago	10+ years ago
Kalangala	2,623	30	1.1	39		30	
Kampala	25,464	1,367	5.4	2,683	687	679	
Kiboga	34,727	2,404	6.9	3,063	1,032	515	
Luwero	31,967	245	0.8	362	117	128	
Masaka	86,820	1,683	1.9	2,128	259	1,143	
Mpigi	70,399	2,000	2.8	2,980	326	1,674	
Mubende	70,066	2,258	3.2	2,972	1,824	434	
Mukono	94,070	2,577	2.7	2,793	1,387	717	327
Nakasongola	12,971						
Rakai	58,994	637	1.1	1,041	97	540	
Ssembabule	31,708	2,373	7.5	3,248	923	1,109	90
Kayunga	45,964	290	0.6	399	290		
Wakiso	78,530	4,125	5.3	5,869	2,606	908	
Lyantonde	9,313	573	6.2	1,018	166	382	25
Mityana	45,306	485	1.1	769	335	85	
Nakaseke	16,564	343	2.1	521		145	
Bugiri	71,228	854	1.2	942	44	811	
Busia	38,126	1,168	3.1	1,634	322	659	91
Iganga	87,916	4,217	4.8	4,612	716	2,320	253
Jinja	43,160	5,123	11.9	6,833	2,085	2,538	
Kamuli	95,146	2,076	2.2	3,326	1,554	522	
Kapchorwa	22,547						
Katakwi	25,716	815	3.2	942	497	318	
Kumi	43,075						
Mbale	50,494	300	0.6	413	192	107	
Pallisa	69,059	393	0.6	393		393	
Soroti	72,710	3,276	4.5	3,440	2,287	255	
Tororo	66,059	2,327	3.5	2,612	1,134	801	
Kaberamaido	26,323						
Mayuge	46,012	180	0.4	180	180		
Sironko	50,653						
Amuria	37,228	3,508	9.4	4,292	1,316	1,941	96
Budaka	26,297	1,374	5.2	1,526	837	469	
Bududa	18,724	122	0.7	122	64	58	
Bukedea	26,154	964	3.7	1,007	444	520	
Bukwo	22,164						
Butaleja	29,345	704	2.4	704		628	
Kaliro	28,600						
Manafwa	44,167	321	0.7	321	83	133	105
Namutumba	28,982	176	0.6	297	120	56	
Adjumani	22,292						
Apac	69,996	1,033	1.5	1,322	209	547	122
Arua	53,910						
Gulu	34,047	1,652	4.9	2,117	717	795	

Ag HHs by use and buying of Milk Cans							
District	Number of Ag HHs that:		% Agghs that used	Number of Milk Cans used	Number of Ag HHs that reported Milk Cans bought during:		
	Responded	Reported use of Milk Cans			< 1 year ago	1-10 years ago	10+ years ago
Kitgum	39,347						
Kotido	19,311	200	1.0	400			200
Lira	85,968	276	0.3	276	128	148	
Moroto	13,942						
Moyo	20,188						
Nebbi	71,133						
Nakapiripi-t	25,873	103	0.4	206			
Pader	50,951						
Yumbe	42,913						
Abim	8,810						
Amolatar	16,712						
Amuru	35,614	261	0.7	448	74	187	
Dokolo	26,370						
Kaabong	19,657						
Koboko	23,141						
Nyadri	24,595						
Oyam	50,931						
Bundibugyo	20,158	288	1.4	353	117	105	
Bushenyi	101,429	4,940	4.9	7,188	936	2,800	1,020
Hoima	50,684	2,076	4.1	2,255	206	1,367	504
Kabale	82,386	1,157	1.4	1,684	658	366	
Kabarole	72,186	1,775	2.5	2,140	341	1,434	
Kasese	83,848	992	1.2	1,362	514	243	234
Kibaale	73,311	733	1.0	923	404	329	
Kisoro	50,215				315	2,545	
Masindi	45,282	3,386	7.5	5,850	805	1,473	233
Mbarara	52,618	2,396	4.6	2,892	381	269	117
Ntungamo	58,761	2,150	3.7	2,578	755	807	674
Rukungiri	49,847	1,730	3.5	2,157	640	1,047	168
Kamwenge	52,014	1,886	3.6	2,514	167	154	120
Kanungu	38,230	545	1.4	931	461	402	
Kyenjojo	74,469	864	1.2	1,266			
Buliisa	8,223						
Ibanda	34,150	1,737	5.1	2,082	272	1,465	
Isingiro	55,535	967	1.7	1,359	504	463	
Kiruhura	30,646	4,286	14.0	5,070	1,177	1,981	1,038
<b>UGANDA</b>	<b>3,575,064</b>	<b>84,721</b>	<b>2.4</b>	<b>110,854</b>	<b>31,705</b>	<b>39,945</b>	<b>5,417</b>

**Table A5.22: Number of Ag HHs that reported use and ownership of Hoes, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623	1,893	220	6			
Kampala	25,464	13,752	260	63			
Kiboga	34,727	27,609	1,199				
Luwero	31,967	23,895	5,132		56		
Masaka	86,820	70,926	5,022	416			
Mpigi	70,399	61,664	6,218				
Mubende	70,066	55,399	12,203	287			
Mukono	94,070	80,205	8,046	1,156			
Nakasongola	12,971	11,145	185	207			
Rakai	58,994	45,007	10,937				
Ssembabule	31,708	28,888	2,348				
Kayunga	45,964	38,748	5,988				
Wakiso	78,530	57,551	17,592				
Lyantonde	9,313	4,945	2,830				
Mityana	45,306	35,725	7,311				
Nakaseke	16,564	11,244	4,737		53	20	
Bugiri	71,228	54,332	11,899				114
Busia	38,126	33,754	2,232	168			
Iganga	87,916	50,564	30,681	155			
Jinja	43,160	36,147	5,740				
Kamuli	95,146	70,320	22,394	581			
Kapchorwa	22,547	20,342	633				
Katakwi	25,716	17,397	3,037	52	2,332		955
Kumi	43,075	31,045	10,383	290			
Mbale	50,494	39,831	4,385				
Pallisa	69,059	51,196	15,066	109			
Soroti	72,710	62,402	4,881		119	177	302
Tororo	66,059	55,550	8,890	222			
Kaberamaido	26,323	15,605	9,794	69			70
Mayuge	46,012	38,414	5,084				
Sironko	50,653	38,491	10,705				
Amuria	37,228	30,612	2,631				2,925
Budaka	26,297	21,181	4,290	81			
Bududa	18,724	14,202	3,875	111			
Bukedea	26,154	23,412	1,195				
Bukwo	22,164	15,651	6,106	92			
Butaleja	29,345	22,385	5,532				
Kaliro	28,600	25,546	1,030	66			
Manafwa	44,167	40,196	2,321				
Namutumba	28,982	21,701	3,829		191		
Adjumani	22,292	16,815	3,983	68			200
Apac	69,996	36,948	28,355				
Arua	53,910	39,963	9,552	104			
Gulu	34,047	22,549	6,506				271

District	All Holdings	Ownership by					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Kitgum	39,347	19,835	6,442	652	22		7,777
Kotido	19,311	18,698	153				
Lira	85,968	66,506	15,527				279
Moroto	13,942	7,346	3,717		106		
Moyo	20,188	13,966	5,853				
Nebbi	71,133	56,977	9,234	217			
Nakapiripit	25,873	23,245	1,553			96	
Pader	50,951	41,971	408				796
Yumbe	42,913	24,413	12,462	350			
Abim	8,810	5,806	736		582	24	579
Amolatar	16,712	13,193	2,693				
Amuru	35,614	15,729	15,910				298
Dokolo	26,370	13,880	10,408				
Kaabong	19,657	13,276	1,646	61	2,090		
Koboko	23,141	15,960	6,119				
Nyadri	24,595	14,156	8,379				
Oyam	50,931	42,353	5,268	551			113
Bundibugyo	20,158	14,999	3,727	69			
Bushenyi	101,429	78,426	12,136		200		
Hoima	50,684	44,034	3,685				
Kabale	82,386	75,106	4,511	716			
Kabarole	72,186	62,296	3,132				
Kasese	83,848	66,673	11,411				
Kibaale	73,311	60,264	11,505				
Kisoro	50,215	37,488	10,922				
Masindi	45,282	35,801	7,926				
Mbarara	52,618	48,639	3,329				
Ntungamo	58,761	49,874	4,224	130			
Rukungiri	49,847	45,507	3,735	94			
Kamwenge	52,013	37,824	12,613				
Kanungu	38,230	34,728	2,555	89			
Kyenjojo	74,469	54,899	16,303				
Buliisa	8,223	4,928	2,703				
Ibanda	34,150	30,390	3,130				
Isingiro	55,535	45,985	7,671	263			
Kiruhura	30,646	24,948	4,964				



**Table A5.23: Number of Ag HHs that reported use and ownership of Axes, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623	1,119	26	91			
Kampala	25,464	4,960					
Kiboga	34,727	19,407	394	218			
Luwero	31,967	22,301	807	892			
Masaka	86,820	50,394	6,054	1,334			
Mpigi	70,399	45,429	2,743	3,028			
Mubende	70,066	43,942	8,090	2,164			
Mukono	94,070	59,523	2,598	5,576			
Nakasongola	12,971	8,176	102	1,289			
Rakai	58,994	29,082	6,552	3,146			
Ssembabule	31,708	20,147	1,155	356			
Kayunga	45,964	29,395	4,404	1,640			
Wakiso	78,530	48,336	8,000				
Lyantonde	9,313	2,862	1,798				
Mityana	45,306	23,925	1,553	956			
Nakaseke	16,564	9,539	2,842	495			
Bugiri	71,228	28,347	5,256	2,646			53
Busia	38,126	26,353	267	2,126			
Iganga	87,916	49,128	17,917	1,966			
Jinja	43,160	24,932	1,857	980			
Kamuli	95,146	65,119	8,980	3,489			73
Kapchorwa	22,547	14,480	889	73			
Katakwi	25,716	14,778	747	820	1,155		1,236
Kumi	43,075	21,745	1,753	7,377	109		
Mbale	50,494	14,559	3,490	88			
Pallisa	69,059	32,526	5,940	7,396			
Soroti	72,710	42,496	3,653	7,352			241
Tororo	66,059	39,328	7,212	1,353			
Kaberaido	26,323	11,414	6,494	1,424			
Mayuge	46,012	25,640	2,599	1,936			
Sironko	50,653	28,308	9,065	1,362			
Amuria	37,228	28,226	1,207	1,188			2,807
Budaka	26,297	14,480	627	3,202			
Bududa	18,724	14,017	2,573	72			
Bukedea	26,154	8,683	971	424			
Bukwo	22,164	8,230	267	2,202			
Butaleja	29,345	19,494	1,840	237			
Kaliro	28,600	16,814	956	1,104			
Manafwa	44,167	23,162	2,032	767			
Namutumba	28,982	16,706	1,954	1,346	191		
Adjumani	22,292	14,379	4,167	411	68	68	
Apac	69,996	38,909	15,127	1,015			
Arua	53,910	33,486	1,723	1,005			
Gulu	34,047	22,975	4,993	173			
Kitgum	39,347	17,986	3,774	935			10,097
Kotido	19,311	15,316	233				37

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Lira	85,968	53,611	8,236	1,882			656
Moroto	13,942	5,363	2,089				
Moyo	20,188	9,581	4,082				
Nebbi	71,133	43,423	1,639	463			
Nakapiripit	25,873	13,666	1,957	142			112
Pader	50,951	32,481	496	233			1,631
Yumbe	42,913	23,206	8,787	137			
Abim	8,810	2,901	616	733	24		48
Amolatar	16,712	10,190	1,659	476			
Amuru	35,614	20,387	9,735	154			389
Dokolo	26,370	9,885	9,352	221			79
Kaabong	19,657	12,510	922	72	212		
Koboko	23,141	8,201	3,314	142			
Nyadri	24,595	12,543	5,832				
Oyam	50,931	34,257	4,721	1,658			113
Bundibugyo	20,158	8,639	1,424				
Bushenyi	101,429	63,768	9,492	3,106			
Hoima	50,684	35,889	2,967	1,502			
Kabale	82,386	56,581	3,515	2,031			
Kabarole	72,186	47,450	2,409	1,451			
Kasese	83,848	42,405	7,006	1,122			
Kibaale	73,311	44,247	4,084	1,951			
Kisoro	50,215	28,052	4,911	1,674			
Masindi	45,282	27,622	9,089				
Mbarara	52,618	27,678	2,474	1,799			
Ntungamo	58,761	31,478	6,320	130			
Rukungiri	49,847	32,334	1,290	441			
Kamwenge	52,013	23,480	5,176	1,457			
Kanungu	38,230	24,854	2,335	808			
Kyenjojo	74,469	43,748	3,271	2,944	143		
Buliisa	8,223	4,794	514	76			
Ibanda	34,150	15,178	2,142	1,341			83
Isingiro	55,535	19,348	2,650	2,467		133	
Kiruhura	30,646	12,085	826	347			

**Table A5.24: Number of Ag HHs that reported use and ownership of Slashers, by district**

District	All Holdings	Ownership by			Government	Cooperative	NGO
		Holder	Holder and Other	Other Private			
Kalangala	2,623	1,115	74				
Kampala	25,464	8,188	373	51			
Kiboga	34,727	12,543					
Luwero	31,967	11,298	614	613			
Masaka	86,820	21,660	631	534			
Mpigi	70,399	30,060	3,384	1,680			
Mubende	70,066	20,395	3,960	673			
Mukono	94,070	42,038	2,570	7,416		208	
Nakasongola	12,971	1,665	33	274	80	43	
Rakai	58,994	8,547	2,911	715			
Ssembabule	31,708	7,776	324				
Kayunga	45,964	13,319	2,371	1,324			
Wakiso	78,530	28,222	2,960	657			
Lyantonde	9,313	1,655	377				
Mityana	45,306	17,338	1,581	112			
Nakaseke	16,564	5,827	2,128	599	33	20	
Bugiri	71,228	29,968	4,748	2,720			
Busia	38,126	28,336	950	1,431			
Iganga	87,916	30,561	6,158	2,083			
Jinja	43,160	17,001	2,226	1,416			
Kamuli	95,146	17,681	3,505	1,383	205	1,881	
Kapchorwa	22,547	3,554	143				
Katakwi	25,716	3,502	190	79	60	566	
Kumi	43,075	4,878	275	452			
Mbale	50,494	16,867	2,613	125			
Pallisa	69,059	13,924	2,422	5,681			
Soroti	72,710	16,880	1,527	3,960			
Tororo	66,059	32,499	3,741	1,463			
Kaberamaido	26,323	3,879	1,270	285			
Mayuge	46,012	11,660	2,275	2,167			
Sironko	50,653	9,014	1,978	1,012			
Amuria	37,228	9,329	460	901	104	169	
Budaka	26,297	8,764	744	1,195			
Bududa	18,724	9,636	545				
Bukedea	26,154	3,114	326				
Bukwo	22,164	2,369		543			
Butaleja	29,345	15,785	1,853	76			
Kaliro	28,600	6,333	362	1,728			
Manafwa	44,167	10,925	1,768	410			
Namutumba	28,982	11,135	1,612	2,964	191		
Adjumani	22,292	8,310	1,905	718	226	690	
Apac	69,996	8,760	10,041	143			
Arua	53,910	25,622	1,898	1,214	125		
Gulu	34,047	13,260	4,145	201			

District	All Holdings	Ownership by				
		Holder	Holder and Other	Other Private	Government	Cooperative
Kitgum	39,347	3,112	1,259	587	120	871
Kotido	19,311	1,182	43			
Lira	85,968	12,704	4,978	298		
Moroto	13,942	1,752	283			
Moyo	20,188	6,541	3,137			
Nebbi	71,133	35,613	731	462		
Nakapiripirit	25,873	9,231	1,627	22		112
Pader	50,951	7,245	95			301
Yumbe	42,913	14,810	6,205	239		
Abim	8,810	1,745	210	78		
Amolatar	16,712	2,575	527	112		
Amuru	35,614	9,885	5,862			1,025
Dokolo	26,370	1,876	1,203			
Kaabong	19,657	7,729	720			173
Koboko	23,141	12,703	3,183	179		
Nyadri	24,595	10,588	4,841	158		
Oyam	50,931	9,476	949	1,000		
Bundibugyo	20,158	11,030	1,094			
Bushenyi	101,429	25,375	6,888	772		
Hoima	50,684	30,004	2,129	890	117	
Kabale	82,386	15,686	299			
Kabarole	72,186	28,230	1,112	559		
Kasese	83,848	24,874	4,972	1,631		
Kibaale	73,311	18,516	2,082	1,080		
Kisoro	50,215	6,286	2,366			
Masindi	45,282	24,782	6,712	34		
Mbarara	52,618	8,777	247			
Ntungamo	58,761	17,697	1,664			
Rukungiri	49,847	12,877	982	202		
Kamwenge	52,013	7,584	1,850	332		
Kanungu	38,230	5,395	161	102		112
Kyenjojo	74,469	26,613	2,803	1,533		
Buliisa	8,223	2,558	602	76		
Ibanda	34,150	7,591	627	516		
Isingiro	55,535	4,110				
Kiruhura	30,646					

**Table A5.25: Number of Ag HHs that reported use and ownership of Pangas, by district**

District	All Holdings	Ownership by			Government	Cooperative	NGO
		Holder	Holder and Other	Other Private			
Kalangala	2,623	1,732	107				
Kampala	25,464	10,827	404				
Kiboga	34,727	26,348	589	129			
Luwero	31,967	22,920	940	237			
Masaka	86,820	64,476	3,481	413			
Mpigi	70,399	55,689	3,371	989			
Mubende	70,066	53,822	8,295	472		195	
Mukono	94,070	72,445	4,215	2,333			
Nakasongola	12,971	8,696	69	418			
Rakai	58,994	42,814	8,795	941			
Ssembabule	31,708	27,427	1,637	190			
Kayunga	45,964	35,395	5,759	508			
Wakiso	78,530	53,439	9,890				
Lyantonde	9,313	4,861	2,385				
Mityana	45,306	34,640	3,067	1,457			
Nakaseke	16,564	11,286	3,300	129	33	33	
Bugiri	71,228	50,152	8,354	1,293		95	
Busia	38,126	32,830	222	335			
Iganga	87,916	55,493	12,116	1,872			
Jinja	43,160	29,613	1,910	877			
Kamuli	95,146	66,977	8,113	2,414	166	698	
Kapchorwa	22,547	17,263	675				
Katakwi	25,716	15,257	596	904	1,827	2,026	
Kumi	43,075	25,768	2,805	4,511	109		
Mbale	50,494	34,444	4,174				
Pallisa	69,059	39,730	8,719	3,346			
Soroti	72,710	45,594	3,489	3,885		1,112	
Tororo	66,059	50,603	6,112	354			
Kaberamaido	26,323	11,869	5,519	1,417		79	
Mayuge	46,012	33,705	2,871	1,672			
Sironko	50,653	38,213	7,932	465			
Amuria	37,228	26,892	1,180	923	97	4,067	
Budaka	26,297	20,798	708	1,592			
Bududa	18,724	15,231	1,219	18			
Bukedea	26,154	16,820	1,535	219			
Bukwo	22,164	19,363	1,180	217			
Butaleja	29,345	22,956	2,701				
Kaliro	28,600	17,169	506	1,714			
Manafwa	44,167	31,892	2,099	149			
Namutumba	28,982	16,270	1,262	1,917	191		
Adjumani	22,292	13,835	3,408	543	68	68	
Apac	69,996	38,181	13,101	342		290	
Arua	53,910	40,755	2,236	769			
Gulu	34,047	21,338	4,967				
Kitgum	39,347	16,258	3,721	1,144		9,964	
Kotido	19,311	6,910	221			61	
Lira	85,968	47,244	8,019	1,556	139	1,552	
Moroto	13,942	6,195	743				

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Moyo	20,188	11,182	3,794				
Nebbi	71,133	54,912	1,736				
Nakapiripit	25,873	19,749	1,666				150
Pader	50,951	24,376	607	107	113		2,775
Yumbe	42,913	23,130	7,820	77			
Abim	8,810	4,614	386	125	24		374
Amolatar	16,712	10,098	1,917	483			
Amuru	35,614	18,153	8,363				1,784
Dokolo	26,370	9,353	8,021	221			79
Kaabong	19,657	10,279	462				173
Koboko	23,141	12,756	3,401	29			
Nyadri	24,595	13,029	6,522	115			
Oyam	50,931	31,389	4,677	1,272			334
Bundibugyo	20,158	15,888	1,548				
Bushenyi	101,429	74,338	8,149				
Hoima	50,684	40,722	3,017	106			
Kabale	82,386	69,911	3,671	154			
Kabarole	72,186	57,285	2,603	371			
Kasese	83,848	67,906	6,604	504			
Kibaale	73,311	60,809	4,817	142			
Kisoro	50,215	35,391	9,132				
Masindi	45,282	31,320	8,472	34			
Mbarara	52,618	48,066	2,677				
Ntungamo	58,761	46,196	4,655	130			
Rukungiri	49,847	44,978	2,014	94			
Kamwenge	52,013	40,590	7,051	245			
Kanungu	38,230	33,923	677	83			
Kyenjojo	74,469	56,309	7,579				
Buliisa	8,223	5,604	490				
Ibanda	34,150	29,137	1,746	341			83
Isingiro	55,535	46,515	5,548	139			
Kiruhura	30,646	24,240	3,959				

**Table A5.26: Number of Ag HHs that reported use and ownership of Watering Cans, by district**

District	All Holdings	Ownership by					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Kalangala	2,623	3					28
Kampala	25,464	3,590					
Kiboga	34,727	804		96			
Luwero	31,967	1,352		127			
Masaka	86,820	7,436	127	319			
Mpigi	70,399	5,390	642	549	227		267
Mubende	70,066	3,402	209	311			
Mukono	94,070	4,691	782	1,346			
Nakasongola	12,971	210	33		43		43
Rakai	58,994	1,261	334	412			150
Ssembabule	31,708	775		68			
Kayunga	45,964	1,777	211	774			
Wakiso	78,530	7,417	1,312	185			
Lyantonde	9,313	173					
Mityana	45,306	3,166	222	546			
Nakaseke	16,564	431	340	154	35		
Bugiri	71,228	1,427	543				
Busia	38,126	887		704			
Iganga	87,916	2,648	169	313			
Jinja	43,160	3,502		82			
Kamuli	95,146	1,180	478	210			
Kapchorwa	22,547	1,151					
Katakwi	25,716	299	82				
Kumi	43,075	1,266	92				
Mbale	50,494	3,252	79	333			
Pallisa	69,059	618					
Soroti	72,710	2,212	403	511			119
Tororo	66,059	2,611	282	661			
Kaberamaido	26,323	280	320				
Mayuge	46,012	940	184	88			
Sironko	50,653	3,003	620				
Amuria	37,228	1,208	133				80
Budaka	26,297	2,104	205	301			
Bududa	18,724	758		63			
Bukedea	26,154	926	43				
Bukwo	22,164	890		525			
Butaleja	29,345	281					
Kaliro	28,600	231	87	507			
Manafwa	44,167	1,592		83			
Namutumba	28,982	689	264	141	191		
Adjumani	22,292	506	499				
Apac	69,996	730	982				
Arua	53,910	6,797	1,998	1,183	125	141	
Gulu	34,047	3,454	124	191			115
Kitgum	39,347	453	131	201			
Kotido	19,311	133					
Lira	85,968	2,142	165	126			378
Moroto	13,942						
Moyo	20,188	664	265				
Nebbi	71,133	2,171		154			
Nakapiripit	25,873	367	210				112

District	All Holdings	Ownership by					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Pader	50,951	281	284				329
Yumbe	42,913	1,007	194				
Abim	8,810	67	114	39			130
Amolatar	16,712	140		113	57		
Amuru	35,614	2,464	1,322	187		131	
Dokolo	26,370	158					
Kaabong	19,657	156					76
Koboko	23,141	3,438	1,159	31		48	62
Nyadri	24,595	3,815	1,308				
Oyam	50,931	1,327		217			84
Bundibugyo	20,158	781	185				
Bushenyi	101,429	2,003	1,169	205			
Hoima	50,684	13,598	1,295	241			
Kabale	82,386	5,194	158	1,436		150	326
Kabarole	72,186	7,772		392			
Kasese	83,848	2,089	395		171		
Kibaale	73,311	3,731	908	600			
Kisoro	50,215	1,317	109	102			95
Masindi	45,282	8,537	1,120			332	
Mbarara	52,618	531					
Ntungamo	58,761	8,768	268	165			
Rukungiri	49,847	1,292	194				
Kamwenge	52,013	1,755	231				
Kanungu	38,230	3,814	242	72			
Kyenjojo	74,469	1,165					
Buliisa	8,223	153		33			
Ibanda	34,150	848	533	451	175		83
Isingiro	55,535	445					
Kiruhura	30,646	81		81			



**Table A5.27: Number of Ag HHs that reported use and ownership of Wheelbarrows, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623	40	29	48			
Kampala	25,464	4,425	75				
Kiboga	34,727	3,683		384			
Luwero	31,967	2,678	84	1,002			
Masaka	86,820	11,164	1,433	5,702			
Mpigi	70,399	7,985	996	3,150	155	155	267
Mubende	70,066	5,273	738	1,465			
Mukono	94,070	11,117	1,286	6,657	128		208
Nakasongola	12,971	581	33	728	43		87
Rakai	58,994	3,197	616	632			
Ssembabule	31,708	3,979	269	2,866			427
Kayunga	45,964	2,113	169	1,073	92		303
Wakiso	78,530	20,982	4,237	900			
Lyantonde	9,313	714	111				
Mityana	45,306	3,430	762	3,473			
Nakaseke	16,564	983	429	796	35	67	20
Bugiri	71,228	9,801	765	284			
Busia	38,126	4,322	207	3,479			
Iganga	87,916	10,524	897	838			
Jinja	43,160	9,856	993	3,054			
Kamuli	95,146	2,623	660	1,059		205	
Kapchorwa	22,547	1,025	131				
Katakwi	25,716	1,198	123	1,747	127		816
Kumi	43,075	2,165	269	4,215	71		
Mbale	50,494	6,121	433	213			
Pallisa	69,059	3,231	816	1,768			
Soroti	72,710	4,448	832	7,977			1,620
Tororo	66,059	4,875	1,749	4,418			
Kaberamaido	26,323	719	312	689			
Mayuge	46,012	2,632	414	3,783			
Sironko	50,653	1,759	626	839	106		
Amuria	37,228	1,997	929	3,284	192		918
Budaka	26,297	2,187	424	4,149	79		
Bududa	18,724	505		249			
Bukedea	26,154	1,595	427	214			
Bukwo	22,164	708		436			
Butaleja	29,345	623	335	1,165			
Kaliro	28,600	233	142	960			
Manafwa	44,167	1,373	693	163			
Namutumba	28,982	1,623	614	2,082			
Adjumani	22,292	402	182	228			
Apac	69,996	1,651	1,174	167			
Arua	53,910	2,424	2,327	1,293	360		
Gulu	34,047	4,502	965	3,192			778
Kitgum	39,347	534	245	1,458	81		410
Kotido	19,311	12	59				
Lira	85,968	4,852	2,646	2,635		36	2,384
Moroto	13,942						
Moyo	20,188	516	420	69			
Nebbi	71,133	1,616	142	518			
Nakapiripit	25,873	346					
Pader	50,951	4,239	860	302		140	1,400

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Yumbe	42,913	212	98	103			
Abim	8,810	168	322	164			164
Amolatar	16,712	831	160	292	197		47
Amuru	35,614	2,309	1,624	72	64	89	
Dokolo	26,370	1,156	1,159	823			92
Kaabong	19,657		61				76
Koboko	23,141	1,497	215	100			
Nyadri	24,595	117	1,367				
Oyam	50,931	2,152	346	1,420	173		114
Bundibugyo	20,158	2,043	457	384			
Bushenyi	101,429	10,970	3,049	5,318			
Hoima	50,684	4,937	686	1,283			
Kabale	82,386	3,544	422	569		308	
Kabarole	72,186	6,128	246	615			
Kasese	83,848	5,336	1,018	315	171	150	
Kibaale	73,311	3,389	1,297	1,167			
Kisoro	50,215	655		579			
Masindi	45,282	3,644	1,286	187			
Mbarara	52,618	4,720	731	1,533		117	
Ntungamo	58,761	11,535	1,573	749			
Rukungiri	49,847	5,267	400	1,637			
Kamwenge	52,013	1,546	626				
Kanungu	38,230	3,312	512	678			
Kyenjojo	74,469	6,323		3,110			
Buliisa	8,223	32					
Ibanda	34,150	1,909	681	1,910	166		83
Isingiro	55,535	2,341	250	535			
Kiruhura	30,646	1,305	516	257			

**Table A5.28: Number of Ag HHs that reported use and ownership of Pruning Knives, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623	48					
Kampala	25,464	1,787					
Kiboga	34,727	2,043	135				
Luwero	31,967	1,821		420			
Masaka	86,820	10,483	5,014	120			
Mpigi	70,399	5,463	231	433			
Mubende	70,066	2,759	283				
Mukono	94,070	11,786	352	547			
Rakai	58,994	20,995	3,809	1,859			
Ssembabule	31,708	7,927	955				
Kayunga	45,964	543					
Wakiso	78,530	9,103	1,479	85			
Lyantonde	9,313	1,561					
Mityana	45,306	8,129	231				
Nakaseke	16,564	301	365				
Bugiri	71,228	420					
Busia	38,126	2,578					
Iganga	87,916	5,805	490				
Jinja	43,160	2,503					
Kamuli	95,146	3,767	156	553			
Kapchorwa	22,547	610					
Katakwi	25,716	592					
Kumi	43,075	167					
Mbale	50,494	5,676					
Pallisa	69,059	777	7,611				
Soroti	72,710	281	123				
Tororo	66,059	1,285	994				
Kaberamaido	26,323		73	72			
Mayuge	46,012	1,203		102			
Sironko	50,653	1,199	410				
Amuria	37,228	3,504	91				
Budaka	26,297	311	76	134			
Bududa	18,724	538					
Bukwo	22,164	863		273			
Kaliro	28,600	698	260				
Manafwa	44,167	1,843	115	253			
Namutumba	28,982	233					
Adjumani	22,292	137					
Apac	69,996	114	2,056				
Arua	53,910	784	221	135		125	
Gulu	34,047	994	377				
Kitgum	39,347	104					123
Kotido	19,311	151					
Lira	85,968		165	135			
Nebbi	71,133	1,398	819			139	
Amolatar	16,712			55	124		
Amuru	35,614	330	495				
Dokolo	26,370		144	68			
Koboko	23,141	110	61				
Oyam	50,931	1,076	215	111			
Bundibugyo	20,158	2,851	673				
Bushenyi	101,429	18,352	5,673	4,836			
Hoima	50,684	4,110	325	287			

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kabale	82,386	6,736	286	2,072			
Kabarole	72,186	9,726	121	602			
Kasese	83,848	2,316	1,211				
Kibaale	73,311	6,022	262				
Kisoro	50,215	925	283				
Masindi	45,282	1,168	159				
Mbarara	52,618	18,296	2,063	1,403		117	
Ntungamo	58,761	10,988	280				
Rukungiri	49,847	7,663	2,722	3,382			
Kamwenge	52,013	9,581	501	1,158			
Kanungu	38,230	2,167	677	424			
Kyenjojo	74,469	4,564	332	114			
Ibanda	34,150	7,547	691	1,176			
Isingiro	55,535	11,741	1,488	1,802			
Kiruhura	30,646	2,560	490				

**Table A5.29: Number of Ag HHs that reported use and ownership of Pruning Saws, by district**

District	All Holdings	Ownership by			Government	Cooperative	NGO
		Holder	Holder and Other	Other Private			
Kiboga	34,727	687					
Luwero	31,967	794		126			
Masaka	86,820	1,899					
Mpigi	70,399	1,124					
Mubende	70,066	811					
Mukono	94,070	583	353	177			
Rakai	58,994	1,779		269			
Ssembabule	31,708	1,798					
Kayunga	45,964						
Wakiso	78,530	448					
Lyantonde	9,313	627					
Bugiri	71,228	122					
Iganga	87,916	726					
Jinja	43,160	1,357					
Kamuli	95,146	300		196			
Kapchorwa	22,547	240					
Kumi	43,075	206					
Mbale	50,494	179		125			
Pallisa	69,059	212					
Tororo	66,059	265					
Sironko	50,653	1,391	831	423			
Amuria	37,228	387					
Budaka	26,297	160					
Bududa	18,724	550	62				
Apac	69,996	209	216				
Arua	53,910	339	130	25			
Gulu	34,047	638	249				
Lira	85,968	123	120				
Nebbi	71,133	1,023	677		139		
Amuru	35,614		298				
Koboko	23,141	95					
Oyam	50,931	1,211	201	111			
Bushenyi	101,429	311		1,559			
Hoima	50,684	4,555	212	87			
Kasese	83,848		1,378				
Kibaale	73,311	758	202				
Kisoro	50,215	1,665	102				
Masindi	45,282	180					
Mbarara	52,618	2,954	106	225			
Ntungamo	58,761	860					
Rukungiri	49,847	690					
Kamwenge	52,013	2,332		241			
Kanungu	38,230	224					
Kyenjojo	74,469	763					
Ibanda	34,150	728		139			
Isingiro	55,535	1,956	240				
Kiruhura	30,646	201	81	270			

**Table A5.30: Number of Ag HHs that reported use and ownership of Chain/Hand Saws, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Mubende	70,066	88	172				
Mukono	94,070	201					
Wakiso	78,530	3,136					
Bugiri	71,228	598	160				
Iganga	87,916	519					
Kamuli	95,146	290					
Katakwi	25,716	280	113		67		368
Kumi	43,075	245					
Pallisa	69,059	149	163				
Soroti	72,710	121		249			
Mayuge	46,012	219	95	104			
Sironko	50,653	381	134				
Amuria	37,228	444					
Bukwo	22,164	113		32			
Arua	53,910	113	43	105			
Gulu	34,047	953	249				
Lira	85,968	483					
Koboko	23,141	74	83				
Oyam	50,931	427					
Hoima	50,684	414					
Kabale	82,386	272					
Kabarole	72,186	400					
Kasese	83,848	306	51				
Kibaale	73,311	188					
Masindi	45,282	563					
Mbarara	52,618			333			
Kamwenge	52,013	242					
Kanungu	38,230	279					
Ibanda	34,150	543					

**Table A5.31: Number of Ag HHs that reported use and ownership of Shellers, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Mubende	70,066	395					
Mukono	94,070			943			
Rakai	58,994			442			
Wakiso	78,530		817				
Iganga	87,916			340			
Jinja	43,160	1,357					
Kumi	43,075			762		257	257
Bududa	18,724	227					
Bukwo	22,164	278		347			
Butaleja	29,345			354			
Kaliro	28,600			163			
Arua	53,910	105		1,129			
Gulu	34,047	473	264				
Nebbi	71,133	280					
Bushenyi	101,429	851					
Kabale	82,386	429		154			
Kabarole	72,186	512		498			
Kasese	83,848	176	104				
Mbarara	52,618	127	130			117	
Ntungamo	58,761	94	85				
Kamwenge	52,013	155		305			
Kanungu	38,230	307					

**Table A5.32: Number of Ag HHs that reported use and ownership of Spades, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623	274	23	6			
Kampala	25,464	4,402	63				
Kiboga	34,727	5,954	135	135			
Luwero	31,967	3,709	254	338			
Masaka	86,820	15,513	3,390	1,435			
Mpigi	70,399	8,779	535	401			
Mubende	70,066	12,999	1,392	1,036			
Mukono	94,070	14,024	944	1,373			
Nakasongola	12,971	1,157	33	937	223		43
Rakai	58,994	5,922	213	169			
Ssembabule	31,708	7,862	797	442			214
Kayunga	45,964	2,551	564	1,212			
Wakiso	78,530	25,403	4,364	164			
Lyantonde	9,313	1,241	113				
Mityana	45,306	5,981	965	993	102		
Nakaseke	16,564	921	246		226		
Bugiri	71,228	3,338	886	105			
Busia	38,126	5,401		1,498			
Iganga	87,916	13,721	969	1,247			
Jinja	43,160	8,279	556	978			
Kamuli	95,146	6,179	1,541	1,534		174	240
Kapchorwa	22,547	2,374					
Katakwi	25,716	3,105	351	623	195		729
Kumi	43,075	1,080	34	1,858			
Mbale	50,494	2,662	261	361			
Pallisa	69,059	4,441	629	1,378			
Soroti	72,710	4,810	805	3,192	130		2,895
Tororo	66,059	7,010	1,072	492			
Kaberamaido	26,323	325	878	153			
Mayuge	46,012	4,023	215	2,875			
Sironko	50,653	3,102	763	308			
Amuria	37,228	5,076	831	370		181	870
Budaka	26,297	3,258	563	2,040			
Bududa	18,724	660		59			
Bukedea	26,154	1,843	184	139			
Bukwo	22,164	1,651		728			
Butaleja	29,345	1,136	116	1,025			
Kaliro	28,600	1,151		957			
Manafwa	44,167	1,946	118	80			
Namutumba	28,982	2,448	1,096	1,770			
Adjumani	22,292	1,570	168	300	68		90
Apac	69,996	2,184	896				
Arua	53,910	4,201	1,371	1,278	125	141	
Gulu	34,047	3,870	515	1,201			662
Kitgum	39,347	1,029	83	367	40		1,627
Kotido	19,311	170					12
Lira	85,968	5,081	1,581	1,720			944
Moroto	13,942	770	372				
Moyo	20,188	1,693	445				
Nebbi	71,133	1,693	280	324			
Nakapiripit	25,873	792					



District	All Holdings	Ownership by					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Pader	50,951	311	391	235	93		777
Yumbe	42,913	4,366	197				
Abim	8,810	230	373	172			117
Amolatar	16,712	887	103		57		
Amuru	35,614	2,781	1,706				74
Dokolo	26,370	563	524				
Kaabong	19,657	75	54				76
Koboko	23,141	1,892	310	129			
Nyadri	24,595	300	835				
Oyam	50,931	3,246	210	629			105
Bundibugyo	20,158	1,939	408				
Bushenyi	101,429	20,009	4,025	1,940	197	197	
Hoima	50,684	7,339	583	1,396	80		
Kabale	82,386	13,781	1,643	1,980		163	305
Kabarole	72,186	13,940	224	611			
Kasese	83,848	14,914	3,354	1,812	82		171
Kibaale	73,311	6,858	759	1,136			
Kisoro	50,215	4,527	896	963			
Masindi	45,282	6,336	900				
Mbarara	52,618	13,296	896	1,195		117	
Ntungamo	58,761	5,971	1,655	163		116	
Rukungiri	49,847	8,954	298	253			
Kamwenge	52,013	6,938	2,270	1,258			
Kanungu	38,230	6,491	1,223	1,144	110	633	
Kyenjojo	74,469	8,149	707	3,580	236		
Buliisa	8,223	193	43				
Ibanda	34,150	5,434	2,309	1,125			83
Isingiro	55,535	7,673	538	642		105	
Kiruhura	30,646	4,238	983	257			

**Table A5.33: Number of Ag HHs that reported use and ownership of Fork Hoes, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623	173					
Kampala	25,464	1,835		53			
Kiboga	34,727	1,381					
Luwero	31,967	1,025					
Masaka	86,820	13,502	1,994	1,403			
Mpigi	70,399	3,696		564			
Mubende	70,066	6,721	1,541	1,406			
Mukono	94,070	6,166	110	892			
Rakai	58,994	2,621	141	388			
Ssembabule	31,708	1,368					
Kayunga	45,964	750	366	79			
Wakiso	78,530	6,207	3,290	389			
Lyantonde	9,313	336	298				
Mityana	45,306	1,265	334				
Nakaseke	16,564	419	183		146		33
Bugiri	71,228	1,068	367	158			
Busia	38,126	466					
Iganga	87,916	271					
Jinja	43,160	6,012		1,142			
Kamuli	95,146	494					166
Kapchorwa	22,547	278					
Mbale	50,494	1,397	220				
Pallisa	69,059	222					
Soroti	72,710			120			290
Tororo	66,059	1,235	89				
Kaberamaido	26,323		253				
Mayuge	46,012	372					
Sironko	50,653	725	267				
Amuria	37,228	848					275
Budaka	26,297	2,551	79	76			
Bududa	18,724	624	41				
Bukwo	22,164	216		149			
Manafwa	44,167	853	146				
Namutumba	28,982	390		56			
Adjumani	22,292	768	175	110			
Arua	53,910	1,138	43	385			
Gulu	34,047	980	809			124	
Kitgum	39,347	153		224			102
Lira	85,968	1,211					448
Moyo	20,188	1,509	227				
Nebbi	71,133	1,416		117			
Yumbe	42,913	2,904	315				
Abim	8,810			86			
Amuru	35,614	630	1,070				
Kaabong	19,657	819	215				76
Koboko	23,141	1,112	93	110			
Nyadri	24,595	105	1,987				
Oyam	50,931	746		164			90
Bundibugyo	20,158	200	143				
Bushenyi	101,429	29,039	4,876	3,069			
Hoima	50,684	5,597	706	823	80		

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kabale	82,386	15,264	1,061	884			
Kabarole	72,186	5,300					
Kasese	83,848	3,723	672	540	171		
Kibaale	73,311	3,046	396	849			
Kisoro	50,215	5,480	4,135	460			
Masindi	45,282	3,484	423	212			
Mbarara	52,618	19,239	2,097	765			
Ntungamo	58,761	12,035	1,174	459			
Rukungiri	49,847	5,012	722	1,391			
Kamwenge	52,013	1,666	109	120			
Kanungu	38,230	3,412	632				
Kyenjojo	74,469	5,887	1,771	2,090	236		
Buliisa	8,223	101					
Ibanda	34,150	1,441	163	710			83
Isingiro	55,535	14,631	1,723				
Kiruhura	30,646	990	344	81			

**Table A5.34: Number of Ag HHs that reported use and ownership of Tractors, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Luwero	31,967			174			
Mpigi	70,399	200		456	160		
Mukono	94,070		220	722	128		
Ssembabule	31,708	73		346			
Wakiso	78,530		110	164			
Busia	38,126			219			
Iganga	87,916		493	3,196			
Jinja	43,160	78		489	62		78
Mayuge	46,012			1,438			
Sironko	50,653			2,249			
Budaka	26,297			522			
Bukedea	26,154			427			
Bukwo	22,164	52		520			
Gulu	34,047	124	653	88		309	44
Pader	50,951				373		
Abim	8,810					86	
Amuru	35,614		161	509	64		
Koboko	23,141		61			52	
Hoima	50,684			1,348	284	365	620
Kasese	83,848			1,958	442	104	307
Kibaale	73,311			219			
Masindi	45,282	111		3,952			
Mbarara	52,618	321					
Kanungu	38,230			451		81	

**Table A5.35: Number of Ag HHs that reported use and ownership of Ploughs, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Mukono	94,070		110	428	128		
Nakasongola	12,971	335		994			
Bugiri	71,228	334					
Busia	38,126	103		130			
Iganga	87,916	1,214	313	425			
Jinja	43,160	49		633			
Kapchorwa	22,547	190	112				
Katakwi	25,716	518	115	335			323
Kumi	43,075	1,490	98	1,549			
Pallisa	69,059	248	2,935	381			
Soroti	72,710	3,730	118	2,683			
Tororo	66,059	428	142	1,817			
Kaberamaido	26,323	69	158				
Mayuge	46,012	118		786			
Sironko	50,653			1,884			
Amuria	37,228	1,877	344	208			
Budaka	26,297	203	71	3,317			
Bukedea	26,154	46	59	696			
Bukwo	22,164	684		204			
Butaleja	29,345	420	826	609			
Kaliro	28,600	434	273	1,201			
Manafwa	44,167	394					
Namutumba	28,982		399	357			
Adjumani	22,292	558	306	211			
Apac	69,996	3,512	1,417	1,496			
Gulu	34,047	646	933	86		124	
Kitgum	39,347	337		82			
Kotido	19,311	846	943				37
Lira	85,968	733	252	187			174
Moroto	13,942	425	425				106
Pader	50,951	412					246
Abim	8,810	25		169		39	
Amolatar	16,712	695	91				
Amuru	35,614	611				177	
Dokolo	26,370		795	68		75	
Kaabong	19,657	3,502	45				
Oyam	50,931	895	182	1,228		135	
Hoima	50,684			249			68
Masindi	45,282	111		1,157			
Kamwenge	52,013			392			
Kanungu	38,230			379			
Kiruhura	30,646	162		176			

**Table A5.36: Number of Ag HHs that reported use and ownership of Ox Ploughs, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Nakasongola	12,971	1,251		1,749	43		
Kayunga	45,964	394					
Bugiri	71,228	4,954	594	2,947			
Busia	38,126	494		3,724			
Iganga	87,916	2,465	1,105	7,317			
Jinja	43,160		44	93			
Kamuli	95,146	6,015	2,907	4,159			
Kapchorwa	22,547	1,703	986				
Katakwi	25,716	6,884	1,503	4,961			211
Kumi	43,075	9,834	3,894	8,813			
Mbale	50,494	335		715			
Pallisa	69,059	9,230	4,406	24,166			
Soroti	72,710	24,195	2,792	12,782	130		
Tororo	66,059	4,136	830	8,105			
Kaberamaido	26,323	4,356	2,623	2,566	69		
Mayuge	46,012			2,079			
Sironko	50,653	968	306	4,120			
Amuria	37,228	14,342	3,872	4,160			174
Budaka	26,297	1,891	780	10,599	79		
Bukedea	26,154	6,067	1,460	715			
Bukwo	22,164	4,924	487	5,397			
Butaleja	29,345	1,708	1,603	3,649			
Kaliro	28,600	3,150	804	4,063			
Manafwa	44,167	1,182		669			
Namutumba	28,982	1,246	1,081	3,815			
Adjumani	22,292	1,575	720	1,627			
Apac	69,996	10,384	3,058	4,502			
Gulu	34,047	2,071	1,409	3,091			
Kitgum	39,347	1,573	894	387			
Kotido	19,311	4,926	1,103	305	123		125
Lira	85,968	10,592	5,449	3,791			156
Moroto	13,942	2,036	1,168	212	319		212
Moyo	20,188	417	184	94			
Nakapiripit	25,873	7,248	1,818	522			204
Pader	50,951	5,921	1,327	655			380
Abim	8,810	69	429	461			
Amolatar	16,712	3,946	1,266	963	67		
Amuru	35,614	904	742	1,465		219	
Dokolo	26,370	5,971	4,000	542		75	
Kaabong	19,657	3,591	2,505				122
Oyam	50,931	5,002	321	5,396		114	
Masindi	45,282	2,275	298	713			
Kamwenge	52,013	484		511			

**Table A5.37: Number of Ag HHs that reported use and ownership of Trailers, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Mukono	94,070			160			
Sironko	50,653			980			
Amuria	37,228	257					
Bukedea	26,154	114	56				
Bukwo	22,164	165		167			
Kaliro	28,600			427			
Namutumba	28,982			245			
Bushenyi	101,429	191					
Ntungamo	58,761	390					

**Table A5.39: Number of Ag HHs that reported use and ownership of Planters, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Wakiso	78,530	473	143				
Budaka	26,297		133				
Gulu	34,047	249	264				
Amuru	35,614	99	100				
Oyam	50,931			90	105		
Bundibugyo	20,158						
Bushenyi	101,429		1,403		2,885		
Hoima	50,684		325		67		
Kyenjojo	74,469	485					

**Table A5.40: Number of Ag HHs that reported use and ownership of Sprayers, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623						
Kampala	25,464	1,709					
Kiboga	34,727	4,691	273	538			
Luwero	31,967	2,558	84	1,802			
Masaka	86,820	9,847	1,950	5,765			144
Mpigi	70,399	8,111	399	3,495			169
Mubende	70,066	11,641	1,096	3,183			120
Mukono	94,070	8,082	1,561	4,359	142		
Nakasongola	12,971	927	33	1,418			
Rakai	58,994	3,229	309	3,945	97		
Ssembabule	31,708	5,119	368	1,998			
Kayunga	45,964	2,064	166	996			
Wakiso	78,530	13,424	790	604			
Lyantonde	9,313	891	268		65		
Mityana	45,306	4,978	942	1,674			
Nakaseke	16,564	958	388	996			
Bugiri	71,228	3,168	447	835	229		
Busia	38,126	744		640			
Iganga	87,916	2,878	329	2,938			148
Jinja	43,160	6,009	399	1,027			
Kamuli	95,146	4,654	368	2,035	171		
Kapchorwa	22,547	2,103	109				
Katakwi	25,716	3,902	205	1,651			180
Kumi	43,075	2,341	1,012	11,477	279		
Mbale	50,494	1,791	166	213			
Pallisa	69,059	3,032	539	13,252	144		
Soroti	72,710	5,275	1,083	12,860			
Tororo	66,059	1,174	276	3,542			
Kaberamaido	26,323	1,184	1,014	496			
Mayuge	46,012	933	84	373			
Sironko	50,653	2,405	489	3,609	106		
Amuria	37,228	11,677	931	1,170			
Budaka	26,297	2,386	253	10,471			
Bududa	18,724	633	118	117			
Bukedea	26,154	2,157	1,012	496			
Bukwo	22,164	3,318	233	3,298			
Butaleja	29,345	1,701	320	1,718			
Kaliro	28,600	1,142		1,659	249		
Manafwa	44,167	1,115					
Namutumba	28,982	663	625	1,829	120		
Adjumani	22,292	246	59	313			
Apac	69,996	946	551	598			
Arua	53,910	903	390	1,364	61		
Gulu	34,047	2,896	485	265			
Kitgum	39,347	72					105
Kotido	19,311	800		3,542			
Lira	85,968	478	408				



District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Moroto	13,942	286					
Moyo	20,188	1,163					
Nebbi	71,133		142	299			
Nakapiripit	25,873		92				
Pader	50,951		189	386			
Yumbe	42,913	304	256				
Abim	8,810		106	78			
Amolatar	16,712	809			67		
Amuru	35,614	842	466	74		89	
Dokolo	26,370	136	351	570			
Kaabong	19,657		121				
Koboko	23,141	296					
Nyadri	24,595						
Oyam	50,931	1,299	269	1,800		141	
Bundibugyo	20,158						
Bushenyi	101,429	4,674	177	4,133			
Hoima	50,684	4,773	792	877			349
Kabale	82,386	7,775	3,609	5,422		1,194	273
Kabarole	72,186	5,874	358	1,231			
Kasese	83,848	1,267	445	1,806	638		171
Kibaale	73,311	2,573	289	633	918		
Kisoro	50,215	1,206	4,510	3,243			
Masindi	45,282	5,515	687	275			
Mbarara	52,618	2,035	370	205			
Ntungamo	58,761	1,562	276	638			
Rukungiri	49,847	3,871	329	738			
Kamwenge	52,013	2,836	494	1,025			
Kanungu	38,230	3,209	779	1,003			
Kyenjojo	74,469	3,621	163	859			
Buliisa	8,223	141	21				
Ibanda	34,150	2,017	652	1,483			
Isingiro	55,535	1,277	529	102			
Kiruhura	30,646	3,346	262				

**Table A5.41: Number of Ag HHs that reported use and ownership of Pails, by district**

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Kalangala	2,623						
Kampala	25,464	30	1,275				
Kiboga	34,727	2,589	3,783	254			
Luwero	31,967	2,266	933				
Masaka	86,820	865	9,073				
Mpigi	70,399	4,847	7,088	241			
Mubende	70,066	2,485	9,210	226			
Mukono	94,070	2,323	7,251	941			
Nakasongola	12,971	3,391	781	68			
Rakai	58,994		3,337	143			
Ssembabule	31,708	1,909	5,459	207			
Kayunga	45,964	3,167	2,046	196			
Wakiso	78,530		6,474	468			
Lyantonde	9,313	4,668	968	78			
Mityana	45,306	486	4,329	1,348			
Nakaseke	16,564	1,142	817				
Bugiri	71,228	189	2,071				
Busia	38,126	963	544				
Iganga	87,916	4,495	2,777				
Jinja	43,160	4,913	4,953				
Kamuli	95,146	9,242	4,593	459			
Kapchorwa	22,547	6,609	1,404	160			
Katakwi	25,716	421	1,543	898			
Kumi	43,075	2,985	3,466				
Mbale	50,494		913	238			
Pallisa	69,059	167	2,474	449			
Soroti	72,710		3,360	131			
Tororo	66,059	1,497	1,994				
Kaberamaido	26,323	3,314	1,265				
Mayuge	46,012	152	677	219			
Sironko	50,653	3,138	1,877	440			
Amuria	37,228	4,152	5,722				
Budaka	26,297	3,491	1,473	64			
Bududa	18,724	2,226	598	113			
Bukedea	26,154	442	1,629				
Bukwo	22,164	483	3,033	261			
Butaleja	29,345		1,320	69			
Kaliro	28,600		638	69			
Manafwa	44,167	697	627	79			
Namutumba	28,982		769				
Adjumani	22,292	1,386	353				
Apac	69,996		1,382	114			
Arua	53,910		1,164				
Gulu	34,047	1,002	2,177				
Kitgum	39,347	1,507	177				
Kotido	19,311		4,251				
Lira	85,968		427				

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Moroto	13,942						
Moyo	20,188	489	1,270				
Nebbi	71,133		93				
Nakapiripit	25,873		119				
Pader	50,951		404				
Yumbe	42,913	895	1,160	74			
Abim	8,810		417				
Amolatar	16,712		143				
Amuru	35,614	691	1,381				
Dokolo	26,370	62	3,595				
Kaabong	19,657		4,719				
Koboko	23,141	132	4,777	59			
Nyadri	24,595		5,111				
Oyam	50,931	593	1,964	84			
Bundibugyo	20,158	913	856				
Bushenyi	101,429	11,086	7,953	900			
Hoima	50,684	876	3,699	111			
Kabale	82,386	2,238	1,841				
Kabarole	72,186	1,930	881	133			
Kasese	83,848	412	2,347	859			
Kibaale	73,311	594	2,320				
Kisoro	50,215	438	2,151	403			
Masindi	45,282	1,681	2,606	164			
Mbarara	52,618	6,108	114	108			
Ntungamo	58,761	3,958	2,366	137			
Rukungiri	49,847	10,572	1,494	252			
Kamwenge	52,013	3,479	2,555	511			
Kanungu	38,230	2,847					
Kyenjojo	74,469	1,751	131				
Buliisa	8,223		27				
Ibanda	34,150	3,236	170				
Isingiro	55,535	3,963					
Kiruhura	30,646	4,630		263			

**Table A5.42: Number of Ag HHs that reported use and ownership of Milk Cans, by district**

District	All Holdings	Ownership by					NGO
		Holder	Holder and Other	Other Private	Government	Cooperative	
Kalangala	2,623	30					
Kampala	25,464	1,367					
Kiboga	34,727	1,392					
Luwero	31,967	245					
Masaka	86,820	1,520					
Mpigi	70,399	2,000					
Mubende	70,066	1,976					
Mukono	94,070	2,059					
Nakasongola	12,971		362				
Rakai	58,994	480	157				
Ssembabule	31,708	2,122			108	45	
Kayunga	45,964	13	168				
Wakiso	78,530	3,622	160				
Lyantonde	9,313	548	25				
Mityana	45,306	420					
Nakaseke	16,564	158		55			
Bugiri	71,228	625	229				
Busia	38,126	1,168					
Iganga	87,916	3,733	172				
Jinja	43,160	4,996	34				
Kamuli	95,146	1,894					
Kapchorwa	22,547						
Katakwi	25,716	750	79				
Kumi	43,075						
Mbale	50,494	221	156				
Pallisa	69,059	393					
Soroti	72,710	2,476	85				
Tororo	66,059	1,935	59				
Kaberamaido	26,323	95					
Mayuge	46,012	3,449					
Sironko	50,653		180				
Amuria	37,228						
Budaka	26,297	1,236	53				
Bududa	18,724	122					
Bukedea	26,154	783	122				
Bukwo	22,164						
Butaleja	29,345	543					
Kaliro	28,600						
Manafwa	44,167	269	74				
Namutumba	28,982	176					
Adjumani	22,292						
Apac	69,996	755	707				
Arua	53,910						
Gulu	34,047	1,652					
Kitgum	39,347	200					
Kotido	19,311						
Lira	85,968	276	51				

District	All Holdings	Ownership by					
		Holder	Holder and Other	Other Private	Government	Cooperative	NGO
Moroto	13,942	187					
Moyo	20,188	222					
Nebbi	71,133						
Nakapiripit	25,873						
Pader	50,951		72				
Yumbe	42,913						
Abim	8,810		205				
Bushenyi	101,429	4,757					
Hoima	50,684	1,302					
Kabale	82,386	865					
Kabarole	72,186	1,491					
Kasese	83,848	992					
Kibaale	73,311	733					
Kisoro	50,215						
Masindi	45,282	2,846					
Mbarara	52,618	2,312					
Ntungamo	58,761	1,807					
Rukungiri	49,847	1,630					
Kamwenge	52,013	1,886					
Kanungu	38,230	321					
Kyenjojo	74,469	864					
Buliisa	8,223						
Ibanda	34,150	1,531					
Isingiro	55,535	967					
Kiruhura	30,646	3,746	459				

**Table A 6.1: Distribution of Ag HHs that reported having experienced Food Shortage by district**

District	Ag HHs that responded	Ag HHs that had food shortage	Std. Err.	95 % Confidence Interval		C.V. (%)
				Lower	Upper	
Kalangala	2,623	216	105	10	423	48.6
Kampala	25,464	479	294	-97	1,056	61.3
Kiboga	34,727	11,233	1,474	8,342	14,123	13.1
Luwero	31,967	10,419	1,202	8,062	12,776	11.5
Masaka	86,820	44,668	3,469	37,865	51,471	7.8
Mpigi	70,399	43,167	3,537	36,232	50,102	8.2
Mubende	70,066	50,740	3,758	43,372	58,108	7.4
Mukono	94,070	29,616	3,684	22,393	36,840	12.4
Nakasongola	12,971	7,486	1,642	4,266	10,706	21.9
Rakai	58,994	33,657	6,000	21,892	45,422	17.8
Ssembabule	31,708	18,167	1,883	14,475	21,859	10.4
Kayunga	45,964	18,377	2,874	12,741	24,013	15.6
Wakiso	78,530	49,620	6,394	37,081	62,158	12.9
Lyantonde	9,313	8,829	475	7,897	9,760	5.4
Mityana	45,306	16,514	1,591	13,394	19,635	9.6
Nakaseke	16,564	8,083	814	6,487	9,680	10.1
Bugiri	71,228	41,020	6,389	28,492	53,548	15.6
Busia	38,126	23,396	2,163	19,155	27,636	9.2
Iganga	87,916	40,681	3,177	34,451	46,911	7.8
Jinja	43,160	9,048	1,395	6,312	11,783	15.4
Kamuli	95,146	38,639	3,599	31,583	45,695	9.3
Kapchorwa	22,547	11,424	1,188	9,094	13,754	10.4
Katakwi	25,716	24,930	1,031	22,908	26,952	4.1
Kumi	43,075	31,098	2,079	27,021	35,175	6.7
Mbale	50,494	18,936	2,772	13,500	24,373	14.6
Pallisa	69,059	42,255	2,766	36,831	47,679	6.5
Soroti	72,710	47,177	3,910	39,510	54,844	8.3
Tororo	66,059	21,993	2,161	17,755	26,231	9.8
Kaberamaido	26,323	23,171	1,327	20,569	25,773	5.7
Mayuge	46,012	28,914	2,650	23,719	34,109	9.2
Sironko	50,653	35,883	2,496	30,988	40,778	7
Amuria	37,228	35,762	1,295	33,222	38,303	3.6
Budaka	26,297	11,752	1,014	9,764	13,739	8.6
Bududa	18,724	15,365	854	13,690	17,041	5.6
Bukedea	26,154	16,622	1,323	14,028	19,216	8
Bukwo	22,164	20,177	2,359	15,552	24,802	11.7
Butaleja	29,345	8,325	1,071	6,225	10,426	12.9
Kaliro	28,600	22,893	2,080	18,815	26,970	9.1
Manafwa	44,167	31,466	2,274	27,006	35,925	7.2
Namutumba	28,982	14,639	1,605	11,491	17,786	11
Adjumani	22,292	14,928	1,570	11,849	18,007	10.5
Apac	69,996	52,187	3,772	44,790	59,583	7.2
Arua	53,910	24,578	2,786	19,114	30,041	11.3
Gulu	34,047	19,606	2,284	15,128	24,083	11.6
Kitgum	39,347	31,879	2,050	27,859	35,898	6.4
Kotido	19,311	8,606	3,759	1,236	15,976	43.7
Lira	85,968	69,201	3,962	61,432	76,969	5.7

District	Ag HHs that responded	Ag HHs that had food shortage	Std. Err.	95 % Confidence Interval		C.V. (%)
				Lower	Upper	
Moroto	13,942	8,390	943	6,542	10,238	11.2
Moyo	20,188	17,230	1,404	14,478	19,983	8.1
Nebbi	71,133	55,621	2,670	50,385	60,856	4.8
Nakapiripirit	25,873	12,297	4,106	4,245	20,349	33.4
Pader	50,951	42,629	3,334	36,092	49,167	7.8
Yumbe	42,913	40,751	1,545	37,722	43,780	3.8
Abim	8,810	8,714	813	7,121	10,308	9.3
Amolatar	16,712	14,944	1,017	12,949	16,939	6.8
Amuru	35,614	26,430	2,756	21,026	31,833	10.4
Dokolo	26,370	25,279	1,151	23,022	27,535	4.6
Kaabong	19,657	18,853	2,741	13,479	24,227	14.5
Koboko	23,141	10,558	2,557	5,545	15,571	24.2
Nyadri	24,595	13,821	1,253	11,363	16,279	9.1
Oyam	50,931	43,415	1,974	39,544	47,285	4.5
Bundibugyo	20,158	8,981	1,250	6,530	11,432	13.9
Bushenyi	101,429	41,154	4,320	32,684	49,625	10.5
Hoima	50,684	11,736	1,526	8,745	14,728	13
Kabale	82,386	42,899	3,164	36,694	49,103	7.4
Kabarole	72,186	26,063	3,771	18,669	33,458	14.5
Kasese	83,848	35,482	4,589	26,484	44,479	12.9
Kibaale	73,311	18,630	3,289	12,180	25,080	17.7
Kisoro	50,215	20,751	2,035	16,761	24,742	9.8
Masindi	45,282	14,802	1,768	11,335	18,269	11.9
Mbarara	52,618	29,611	2,878	23,969	35,254	9.7
Ntungamo	58,761	36,520	3,262	30,124	42,916	8.9
Rukungiri	49,847	19,778	2,228	15,410	24,146	11.3
Kamwenge	52,013	37,958	2,351	33,348	42,567	6.2
Kanungu	38,230	27,939	1,806	24,398	31,480	6.5
Kyenjojo	74,469	36,040	3,535	29,109	42,971	9.8
Buliisa	8,223	3,049	638	1,798	4,301	20.9
Ibanda	34,150	28,662	1,380	25,956	31,369	4.8
Isingiro	55,535	42,352	2,547	37,358	47,345	6
Kiruhura	30,646	18,496	1,614	15,330	21,661	8.7

**Table A 6.2: Ag HHs that reported having experienced Food Shortage by Month (Sept-08 to Feb-09) by district**

District	Ag HHs that experienced food shortage	Households reporting food shortage by month					
		Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09
Kalangala	216		17	50	50	40	50
Kampala	479	113		113		25	
Kiboga	11,233	1,893	1,719	1,564	3,370	5,933	6,202
Luwero	10,419	345	447	1,349	841	2,663	2,321
Masaka	44,668	9,255	9,462	6,463	4,695	4,053	3,097
Mpigi	43,167	11,687	7,425	2,609	82	379	982
Mubende	50,740	9,630	8,500	7,325	6,186	9,067	8,161
Mukono	29,616	5,803	4,671	4,840	5,472	9,547	9,851
Nakasongola	7,486	641	626	612	468	1,014	797
Rakai	33,657	27,093	28,022	18,176	11,092	3,171	108
Ssembabule	18,167	7,405	7,307	6,540	5,852	5,431	5,829
Kayunga	18,377	1,141	407	153	255	1,019	1,658
Wakiso	49,620	20,419	19,698	12,336	5,058	12,107	9,600
Lyantonde	8,829	5,546	5,153	2,181	908	552	858
Mityana	16,514	2,444	2,226	1,783	655	1,671	1,845
Nakaseke	8,083	486	417	53	79	183	937
Bugiri	41,020	11,800	10,183	2,936	520	1,491	5,681
Busia	23,396	3,959	4,449	4,625	5,508	6,218	7,020
Iganga	40,681	6,936	5,276	5,222	3,089	7,705	9,083
Jinja	9,048	613	941	1,050	891	877	1,813
Kamuli	38,639	5,296	5,118	2,640	2,658	5,906	8,202
Kapchorwa	11,424	250	134	70	21	800	906
Katakwi	24,930	6,201	4,856	5,134	4,744	6,681	9,269
Kumi	31,098	2,019	2,447	2,808	2,705	4,417	5,346
Mbale	18,936	360	125	339	887	5,611	7,315
Pallisa	42,255	4,501	4,345	2,532	2,022	10,697	9,527
Soroti	47,177	1,755	2,008	1,899	2,022	4,417	10,093
Tororo	21,993	1,768	1,959	1,627	530	3,967	7,731
Kaberamaido	23,171	1,714	1,855	1,878	2,042	3,222	4,642
Mayuge	28,914	3,501	3,809	4,053	3,630	4,644	7,313
Sironko	35,883	461	584	159	159	1,745	4,239
Amuria	35,762	1,559	877	641	543	3,811	7,744
Budaka	11,752	929	1,075	688	727	2,123	3,330
Bududa	15,365	866	311	190	139	306	691
Bukedea	16,622	1,717	2,292	1,329	597	936	508
Bukwo	20,177	1,710	1,118	339			161
Butaleja	8,325	647	422	416	497	2,745	4,111
Kaliro	22,893	2,537	3,031	4,367	5,096	8,130	9,649
Manafwa	31,466	2,034	1,442	169	90	1,517	4,799
Namutumba	14,639	382	309	340	623	1,526	2,171
Adjumani	14,928	180	90	157	155	338	512
Apac	52,187	1,324	1,360	362	387	279	2,422
Arua	24,578	1,439	1,585	1,355	1,329	1,509	3,802
Gulu	19,606	1,274	755	349	135	387	391
Kitgum	31,879	4,204	1,709	120			
Kotido	8,606	691	2,479	3,375	4,813	5,842	5,820



District	Ag HHs that experienced food shortage	Households reporting food shortage by month					
		Sep-08	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09
Lira	69,201	318	643	1,981	2,974	2,607	5,891
Moroto	8,390	1,168	1,168	2,124	2,124	2,230	2,655
Moyo	17,230	1,110	742	219	129	215	210
Nebbi	55,621	4,143	3,508	1,639	1,126	3,217	6,705
Nakapiripirit	12,297					625	1,562
Pader	42,629	5,531	619	106		175	370
Yumbe	40,751	99				224	873
Abim	8,714	1,419	442			240	612
Amolatar	14,944	525	171	103	222	796	2,813
Amuru	26,430	498	619	100		140	226
Dokolo	25,279	1,734	1,724	1,653	718	821	1,285
Kaabong	18,853	150	247	2,378	190	3,876	5,879
Koboko	10,558	813	515	269	412	940	1,593
Nyadri	13,821	3,988	3,988	3,625	1,404	1,404	1,520
Oyam	43,415	7,012	540	111	127	553	2,882
Bundibugyo	8,981	281	1,916	1,904	1,146	658	256
Bushenyi	41,154	19,585	24,761	28,041	17,092	9,566	2,650
Hoima	11,736	938	938	1,084	830	1,397	3,124
Kabale	42,899	4,454	14,588	16,640	10,396	1,979	1,981
Kabarole	26,063	7,499	8,651	7,390	5,227	4,869	6,553
Kasese	35,482	17,517	8,881	7,256	5,882	14,039	15,837
Kibaale	18,630	787	977	1,245	1,037	1,320	1,950
Kisoro	20,751	4,357	16,093	6,951	2,012	576	975
Masindi	14,802	259	259	259	259	663	761
Mbarara	29,611	12,633	22,000	24,427	16,514	3,191	1,293
Ntungamo	36,520	24,911	30,089	31,581	16,077	14,029	9,336
Rukungiri	19,778	9,408	10,727	2,594	1,120	336	94
Kamwenge	37,958	13,208	14,184	10,712	3,618		215
Kanungu	27,939	7,785	9,968	11,444	1,123	1,201	2,141
Kyenjojo	36,040	1,122	8,466	7,975	616	1,385	812
Buliisa	3,049	684	681	681	497	648	695
Ibanda	28,662	16,945	16,953	12,710	6,171	2,661	2,892
Isingiro	42,352	33,431	32,141	29,750	13,612	5,649	4,749
Kiruhura	18,496	12,844	12,601	7,711	3,577		110

**Table A 6.2: Ag HHs that reported having experienced Food Shortage by Month (Mar-09 to Aug-09) by district (Cont'd)**

District	Ag HHs that experienced food shortage	Households reporting food shortage by month					
		Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09
Kalangala	216						
Kampala	479			38	113	150	113
Kiboga	11,233	6,457	5,251	3,690	3,880	4,773	4,536
Luwero	10,419	2,978	2,704	3,016	4,289	6,076	5,348
Masaka	44,668	2,894	3,500	5,842	17,400	21,960	23,821
Mpigi	43,167	9,279	19,977	21,952	26,882	31,138	27,554
Mubende	50,740	11,040	15,986	21,191	29,274	33,420	28,548
Mukono	29,616	11,156	15,490	16,693	17,867	17,342	16,122
Nakasongola	7,486	1,469	2,468	3,937	5,000	4,486	3,850
Rakai	33,657	108	501	1,195	5,138	12,886	19,027
Ssembabule	18,167	5,852	7,708	8,349	9,512	13,756	15,449
Kayunga	18,377	3,501	8,651	9,645	9,062	7,344	6,551
Wakiso	49,620	9,098	9,711	14,642	26,766	33,961	31,633
Lyantonde	8,829	1,334	2,115	2,172	3,565	6,151	7,374
Mityana	16,514	1,486	2,619	4,268	4,398	8,477	7,586
Nakaseke	8,083	1,538	1,668	2,315	2,877	4,885	3,627
Bugiri	41,020	14,586	24,197	22,564	12,504	9,128	12,573
Busia	23,396	11,725	15,824	15,386	11,036	7,961	5,530
Iganga	40,681	16,787	23,496	25,222	20,266	9,458	6,235
Jinja	9,048	2,650	3,850	4,418	5,196	5,322	4,264
Kamuli	38,639	15,287	22,963	24,832	21,942	17,191	12,219
Kapchorwa	11,424	1,687	3,939	6,292	8,260	5,759	808
Katakwi	24,930	14,609	18,497	20,950	19,209	13,347	4,889
Kumi	31,098	9,086	15,285	18,059	18,187	10,346	6,514
Mbale	18,936	10,925	13,698	12,610	6,882	983	918
Pallisa	42,255	12,696	15,164	10,409	10,524	20,053	13,730
Soroti	47,177	15,550	23,172	24,196	34,577	28,820	15,119
Tororo	21,993	12,266	9,063	9,975	9,621	3,125	3,560
Kaberamaido	23,171	8,183	12,196	15,660	17,299	16,702	12,940
Mayuge	28,914	14,203	15,401	15,132	13,332	5,976	4,759
Sironko	35,883	12,394	29,674	28,711	9,537	3,001	735
Amuria	35,762	13,969	25,812	31,440	30,501	20,683	7,193
Budaka	11,752	4,648	5,574	4,826	4,024	1,873	1,047
Bududa	15,365	6,556	12,220	12,650	7,846	3,704	2,159
Bukedea	16,622	622	2,506	5,369	9,579	8,142	5,301
Bukwo	20,177	1,236	2,362	8,577	16,101	15,958	9,928
Butaleja	8,325	4,436	6,510	4,467	3,815	2,795	1,505
Kaliro	22,893	14,970	15,606	15,387	16,285	14,852	13,097
Manafwa	31,466	18,304	27,829	29,027	16,199	4,904	894
Namutumba	14,639	3,007	5,340	6,144	3,650	1,186	1,858
Adjumani	14,928	1,596	4,057	9,071	12,217	7,337	2,347
Apac	52,187	7,521	15,745	30,595	41,679	25,627	11,821
Arua	24,578	3,485	8,126	11,507	20,738	11,255	2,744
Gulu	19,606	723	1,282	12,591	16,405	11,779	336
Kitgum	31,879	2,159	5,801	11,476	19,844	22,350	18,612
Kotido	8,606	4,528	3,288	2,605	2,355	2,271	1,317

District	Ag HHs that experienced food shortage	Households reporting food shortage by month					
		Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09
Lira	69,201	10,531	19,469	43,000	60,218	44,465	9,640
Moroto	8,390	2,974	2,549	1,168	1,274	1,062	637
Moyo	17,230	2,861	4,217	8,972	14,554	13,611	8,646
Nebbi	55,621	15,228	20,567	22,369	25,722	21,035	23,393
Nakapiripirit	12,297	4,876	7,727	11,435	10,762	10,211	5,544
Pader	42,629	671	2,216	10,782	33,806	37,584	22,248
Yumbe	40,751	5,020	11,160	26,769	35,107	25,730	9,851
Abim	8,714	2,584	4,592	6,211	7,095	6,322	3,597
Amolatar	14,944	6,566	8,389	10,792	14,065	13,290	11,511
Amuru	26,430	399	2,647	15,508	19,020	14,553	4,512
Dokolo	25,279	3,926	13,047	18,795	23,634	13,109	6,831
Kaabong	18,853	6,220	6,722	6,733	7,838	6,641	4,671
Koboko	10,558	6,382	7,592	6,538	6,625	3,498	1,623
Nyadri	13,821	2,399	4,059	8,214	11,438	7,278	5,128
Oyam	43,415	10,606	21,599	32,465	38,180	25,769	10,973
Bundibugyo	8,981	921	1,482	2,800	3,618	6,323	1,290
Bushenyi	41,154	2,539	7,924	8,900	8,559	7,979	7,639
Hoima	11,736	2,641	4,598	4,731	4,619	3,437	1,656
Kabale	42,899	12,401	26,023	25,795	12,792	2,565	3,239
Kabarole	26,063	13,841	14,661	14,779	15,791	14,953	15,897
Kasese	35,482	11,804	6,955	9,433	17,216	20,250	20,297
Kibaale	18,630	3,214	9,905	4,682	3,441	4,121	4,147
Kisoro	20,751	4,851	10,935	6,061	2,398	1,343	284
Masindi	14,802	3,576	8,932	11,619	10,761	3,880	906
Mbarara	29,611	2,334	11,324	3,447	1,449	5,946	6,676
Ntungamo	36,520	2,423	4,110	1,851	300	1,197	14,589
Rukungiri	19,778	8,138	8,008	2,351	2,905	4,090	4,650
Kamwenge	37,958	1,505	2,742	6,842	15,165	23,872	24,340
Kanungu	27,939	4,579	7,372	10,929	15,576	17,632	16,256
Kyenjojo	36,040	5,907	7,518	8,223	12,566	13,070	8,461
Buliisa	3,049	840	1,253	1,381	1,399	1,477	1,314
Ibanda	28,662	3,435	4,496	6,953	13,082	18,231	20,953
Isingiro	42,352	6,406	7,620	3,478	3,391	8,983	25,469
Kiruhura	18,496	270	806	1,478	2,663	7,332	12,084

**Table A 6.3: Distribution of Ag HHs by Reasons for Food Shortage and district**

District	Ag HHs that experienced food shortage	Ag HHs by reasons for food shortage					
		Loss of crops/Insufficient production	Lack of jobs	Illness/Injury	Disabled/Old Age	Lack of adequate land	Lack of adequate capital
Kalangala	216	111					
Kampala	479						266
Kiboga	11,233	9,126	283	692		607	203
Luwero	10,419	9,734		243			203
Masaka	44,668	33,520	1,809	745	1,146	686	1,699
Mpigi	43,167	32,361	339	1,518	1,486	4,602	1,520
Mubende	50,740	45,320	216	1,130	358	856	482
Mukono	29,616	24,450	307	1,680	342	1,261	
Nakasongola	7,486	6,013	140	88			104
Rakai	33,657	28,638		902	841	1,140	208
Ssembabule	18,167	15,654		490	361	591	161
Kayunga	18,377	15,845	1,210	929			
Wakiso	49,620	32,984	5,278	2,124	785	6,399	364
Lyantonde	8,829	6,886	91	799	134	314	206
Mityana	16,514	13,759	249	1,041	336	855	
Nakaseke	8,083	6,867	297	101	469		236
Bugiri	41,020	26,485	3,432	1,282	1,866	3,197	439
Busia	23,396	17,646	927	996	254	1,435	550
Iganga	40,681	30,129		1,817	1,165	3,405	848
Jinja	9,048	5,864	262	386	507	1,447	
Kamuli	38,639	29,671	1,342	2,056	481	3,613	896
Kapchorwa	11,424	7,722	1,422		434	673	567
Katakwi	24,930	20,711	135	467	431	498	1,331
Kumi	31,098	20,820		625	1,460	5,480	473
Mbale	18,936	10,941	1,442	2,301	411	1,618	651
Pallisa	42,255	18,040	231	423	843	17,959	1,949
Soroti	47,177	35,342		3,511	588	4,134	888
Tororo	21,993	7,016	282	482	2,199	10,305	314
Kaberamaido	23,171	20,619	807	654	468	330	
Mayuge	28,914	25,289	414	723	329	1,825	
Sironko	35,883	17,982	1,324	1,523	1,111	4,239	7,244
Amuria	35,762	31,031	802		243	661	804
Budaka	11,752	6,619		878		2,973	153
Bududa	15,365	8,630	388	847	883	2,441	1,276
Bukedea	16,622	13,602	156	385	655	494	294
Bukwo	20,177	14,865				1,681	3,202
Butaleja	8,325	4,952		726	247	1,042	686
Kaliro	22,893	20,475		458	135	615	149
Manafwa	31,466	15,666	991	3,967	1,487	4,923	1,189
Namutumba	14,639	8,955	2,041	1,396	389	1,098	283
Adjumani	14,928	13,466	187	416	80		
Apac	52,187	41,419		1,115	785	2,802	3,968
Arua	24,578	18,264		652	911	840	1,668
Gulu	19,606	16,411		345	906	545	261
Kitgum	31,879	21,012	522	530	1,394	788	334

District	Ag HHs that experienced food shortage	Ag HHs by reasons for food shortage					
		Loss of crops/Insufficient production	Lack of jobs	Illness/Injury	Disabled/Old Age	Lack of adequate land	Lack of adequate capital
Kotido	8,606	7,752	419	123			
Lira	69,201	50,189	785	1,958	2,533	5,598	5,493
Moroto	8,390	7,859					
Moyo	17,230	15,723	196		278	285	299
Nebbi	55,621	40,212	1,429	2,924	2,269	1,655	2,522
Nakapiripirit	12,297	11,963					
Pader	42,629	37,731		200	1,247		205
Yumbe	40,751	28,776	1,868	1,558	216	1,347	2,196
Abim	8,714	6,688		363	52	423	
Amolatar	14,944	12,935	557	629		498	
Amuru	26,430	18,570		2,185	768	197	
Dokolo	25,279	17,350		312	574	631	235
Kaabong	18,853	13,092	1,212	494			
Koboko	10,558	9,607		371	197	172	
Nyadri	13,821	9,048		926	258	239	1,780
Oyam	43,415	36,789		2,537	867	932	1,089
Bundibugyo	8,981	5,159		1,138	600	984	510
Bushenyi	41,154	24,136	1,047	1,570	2,106	8,742	
Hoima	11,736	8,694		1,096	199	889	224
Kabale	42,899	21,717		2,391	2,372	9,716	1,061
Kabarole	26,063	12,049	566	1,581	323	2,018	
Kasese	35,482	27,108		1,174	722	3,161	875
Kibaale	18,630	16,162		567		1,166	
Kisoro	20,751	11,632	1,175	811	197	6,419	226
Masindi	14,802	12,128	148	570	450	874	156
Mbarara	29,611	11,124	1,213	4,250	491	9,997	799
Ntungamo	36,520	17,598	686		376	17,154	321
Rukungiri	19,778	10,086		853		2,234	295
Kamwenge	37,958	27,382	219	1,352	990	5,279	
Kanungu	27,939	20,226	268	1,320	537	3,753	498
Kyenjojo	36,040	30,986	273	1,838	349	972	
Buliisa	3,049	2,136		343		161	
Ibanda	28,662	18,636	1,427	1,706	681	2,662	731
Isingiro	42,352	24,774	1,435	718	703	9,188	1,127
Kiruhura	18,496	10,520	485		243	6,114	331

**Table A 6.3: Distribution of Ag HHs by Reasons for Food Shortage and district (Cont'd)**

District	Ag HHs that experienced food shortage	Ag HHs by reasons for food shortage					Don't Know
		Family too big	Lack of adequate labour	Over selling produce	Loss of livestock	Others	
Kalangala	216						
Kampala	479						
Kiboga	11,233						
Luwero	10,419						
Masaka	44,668		583	741		3,433	
Mpigi	43,167	367	860				
Mubende	50,740		363	363	612	319	
Mukono	29,616	313	194	411		490	
Nakasongola	7,486			307		374	
Rakai	33,657	478	242	1,116			
Ssembabule	18,167		258	288	301		
Kayunga	18,377						
Wakiso	49,620	594		193		482	
Lyantonde	8,829	297					
Mityana	16,514	177					
Nakaseke	8,083	113					
Bugiri	41,020	942	1,347	484		1,495	
Busia	23,396	549	555	301			
Iganga	40,681		390	622		1,863	
Jinja	9,048						
Kamuli	38,639						
Kapchorwa	11,424			273			
Katakwi	24,930	218	409		467	194	
Kumi	31,098	183	1,343		239		
Mbale	18,936	465	1,358	384		543	
Pallisa	42,255		711			1,935	
Soroti	47,177		853		643		
Tororo	21,993		1,352				
Kaberamaido	23,171		349				
Mayuge	28,914		327				
Sironko	35,883	323	459	1,118			
Amuria	35,762		153		594		
Budaka	11,752	279	331	344			
Bududa	15,365	327	242			81	
Bukedea	16,622	145	232		431		
Bukwo	20,177		577	204			
Butaleja	8,325	355	1,295			162	
Kaliro	22,893	1,124	199	204		585	
Manafwa	31,466	282	193	1,558			
Namutumba	14,639		1,281				
Adjumani	14,928		189				
Apac	52,187	256	1,253	345		788	
Arua	24,578	476	171				
Gulu	19,606	332	2,795			322	
Kitgum	31,879		190			6,942	
Kotido	8,606	142	397		54		

District	Ag HHs that experienced food shortage	Ag HHs by reasons for food shortage					Don't Know
		Family too big	Lack of adequate labour	Over selling produce	Loss of livestock	Others	
Lira	69,201		162	478	720		
Moroto	8,390		1,076		531		
Moyo	17,230	45	271			156	
Nebbi	55,621	347	90	1,303		1,322	
Nakapiripirit	12,297		566				
Pader	42,629	364	203	793		1,334	
Yumbe	40,751	191	1,875	383	1,222		
Abim	8,714	335	946	181	569		
Amolatar	14,944		224				
Amuru	26,430	494	856	913		2,957	
Dokolo	25,279		399			5,550	
Kaabong	18,853		1,152		3,012		
Koboko	10,558		820				
Nyadri	13,821		428				
Oyam	43,415	307	99	350	272		
Bundibugyo	8,981		434			85	
Bushenyi	41,154		391			2,314	
Hoima	11,736			193		164	
Kabale	42,899	1,131		1,446		999	
Kabarole	26,063	1,090				7,968	
Kasese	35,482	343		655			
Kibaale	18,630					274	
Kisoro	20,751	212					
Masindi	14,802						
Mbarara	29,611	411		250			
Ntungamo	36,520	300					
Rukungiri	19,778	297		211		5,402	
Kamwenge	37,958			678	375		
Kanungu	27,939	389					
Kyenjojo	36,040	737				327	
Buliisa	3,049					101	
Ibanda	28,662	175		275		1,851	
Isingiro	42,352	507		2,885	390	234	
Kiruhura	18,496				236	155	

**Table A6.4: Distribution of Ag HHs by immediate response to food shortage by district**

District	Ag HHs that experienced food shortage	Ag HHs by immediate response to food shortage								
		Skipping meals			Eating less preferred food			Reducing the size of meals		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Kalangala	216	80	126	126	78	102	88	90	105	105
Kampala	479	266			179	138	179	79		63
Kiboga	11,233	2,743	3,200	1,038	5,367	5,962	5,372	7,165	7,272	6,394
Luwero	10,419	2,873	3,349	2,591	4,877	5,354	4,698	4,279	5,384	3,302
Masaka	44,668	12,625	18,676	6,499	22,907	20,841	14,937	13,816	16,735	13,840
Mpigi	43,167	18,043	18,762	13,158	22,197	27,286	20,395	24,342	29,088	21,350
Mubende	50,740	28,995	31,865	11,724	33,133	35,680	23,424	34,078	37,914	23,866
Mukono	29,616	11,833	12,441	5,800	18,618	19,509	15,311	16,215	17,835	12,491
Nakasongola	7,486	4,515	4,534	1,988	3,170	3,235	2,496	4,463	4,573	3,123
Rakai	33,657	14,581	18,156	7,382	18,786	23,854	20,382	17,324	20,000	13,603
Ssembabule	18,167	7,803	8,531	5,922	10,608	11,853	10,190	12,647	14,262	12,115
Kayunga	18,377	7,157	8,965	4,810	6,133	8,081	7,250	9,344	11,093	9,351
Wakiso	49,620	21,504	21,796	13,463	30,499	33,994	30,524	22,562	25,507	21,516
Lyantonde	8,829	2,966	3,539	1,568	4,603	5,443	4,296	5,297	6,256	5,768
Mityana	16,514	4,815	4,202	2,650	8,045	9,369	6,680	7,192	6,851	3,410
Nakaseke	8,083	3,539	4,056	2,159	3,696	4,771	4,511	3,725	4,499	3,796
Bugiri	41,020	15,676	14,097	5,204	20,219	22,150	15,044	18,840	17,503	11,582
Busia	23,396	17,347	18,295	10,144	15,651	17,226	12,987	15,848	17,692	15,003
Iganga	40,681	19,806	21,088	11,630	17,193	18,798	14,787	23,812	27,040	21,302
Jinja	9,048	2,726	3,120	2,355	3,135	3,545	2,919	5,357	5,996	5,224
Kamuli	38,639	14,344	14,013	8,510	16,865	18,602	14,876	22,170	25,728	20,728
Kapchorwa	11,424	9,161	9,128	4,613	5,102	5,164	4,278	8,509	8,705	6,687
Katakwi	24,930	20,672	22,524	9,102	19,470	20,488	17,458	19,905	21,158	17,654
Kumi	31,098	18,725	18,858	8,711	15,989	17,136	11,732	19,545	21,031	13,163
Mbale	18,936	8,429	7,662	3,634	8,105	8,990	7,418	10,876	12,221	8,139
Pallisa	42,255	27,229	20,119	11,040	27,478	20,237	16,735	36,195	29,036	20,604
Soroti	47,177	25,226	23,774	11,704	24,194	29,045	23,142	25,316	32,312	27,688
Tororo	21,993	13,294	13,833	7,135	12,038	12,827	10,441	10,494	11,718	7,982
Kaberamaido	23,171	8,174	9,320	5,226	7,898	9,542	7,760	15,016	16,554	13,160
Mayuge	28,914	8,170	8,384	1,402	19,816	21,445	18,841	22,269	23,776	17,391
Sironko	35,883	17,441	15,970	4,053	16,560	16,555	12,748	20,894	21,199	14,760
Amuria	35,762	21,212	23,969	9,073	8,764	10,493	11,600	17,780	21,760	12,260
Budaka	11,752	5,293	3,783	1,107	5,340	5,677	4,738	6,961	5,555	3,497
Bududa	15,365	8,806	8,635	4,559	3,786	3,889	3,862	3,010	3,367	2,417
Bukedea	16,622	8,251	8,573	3,825	5,832	6,143	5,035	7,730	8,505	8,821
Bukwo	20,177	13,946	13,891	5,998	13,823	13,770	11,270	12,391	13,054	8,786
Butaleja	8,325	4,746	4,951	1,757	5,600	6,252	3,345	5,643	5,963	3,389
Kaliro	22,893	9,700	10,448	3,803	8,682	9,175	6,179	14,050	15,412	11,813
Manafwa	31,466	13,982	15,872	7,302	11,426	12,728	8,817	15,919	19,097	10,455
Namutumba	14,639	5,280	5,308	3,546	9,151	10,504	8,798	9,228	10,153	7,342
Adjumani	14,928	9,175	10,148	5,521	8,487	9,226	7,867	9,820	10,120	7,361
Apac	52,187	27,102	33,212	19,203	30,214	38,694	27,272	36,279	43,572	31,888
Arua	24,578	16,289	17,010	6,246	11,374	14,172	10,841	16,150	19,158	7,649
Gulu	19,606	5,663	5,547	2,873	11,829	13,032	10,573	14,261	14,935	10,433
Kitgum	31,879	25,779	25,182	19,254	19,311	19,997	17,985	24,993	25,735	21,559



District	Ag HHS that experienced food shortage	Ag HHS by immediate response to food shortage								
		Skipping meals			Eating less preferred food			Reducing the size of meals		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Kotido	8,606	4,053	7,422	372	1,982	6,378	507	2,338	6,514	833
Lira	69,201	38,029	41,423	21,537	50,628	55,093	47,384	54,212	61,201	48,233
Moroto	8,390	6,478	7,540	1,912	1,699	2,018	956	2,443	2,655	1,381
Moyo	17,230	10,979	11,597	3,611	8,149	8,912	7,769	11,535	12,448	7,655
Nebbi	55,621	40,812	42,243	21,791	29,119	32,008	26,385	38,793	44,160	33,468
Nakapiripirit	12,297	12,209	11,206	5,634	7,006	7,084	2,143	10,451	7,698	2,634
Pader	42,629	18,470	19,727	3,110	22,052	24,838	18,489	33,590	35,697	28,341
Yumbe	40,751	22,742	27,328	8,079	20,782	23,374	15,215	27,219	32,091	19,674
Abim	8,714	6,903	7,214	4,041	4,499	4,529	4,538	7,996	8,014	5,515
Amolatar	14,944	5,781	6,751	3,206	8,969	10,283	8,503	9,867	11,048	9,443
Amuru	26,430	15,576	15,742	10,377	16,234	16,865	13,960	18,872	19,678	14,515
Dokolo	25,279	16,502	16,668	7,805	19,638	22,472	19,936	20,809	23,987	18,018
Kaabong	18,853	10,512	9,853	2,472	9,326	9,727	2,095	9,933	10,610	3,646
Koboko	10,558	6,234	6,336	1,936	6,166	6,166	3,561	6,938	8,106	4,747
Nyadri	13,821	9,106	9,255	6,328	11,933	12,190	10,114	13,546	13,804	11,893
Oyam	43,415	31,775	31,341	12,932	33,247	35,089	23,844	36,376	39,926	25,845
Bundibugyo	8,981	5,360	5,144	3,757	4,367	4,531	4,285	4,731	5,064	4,206
Bushenyi	41,154	13,038	15,104	4,256	23,366	23,291	18,717	22,814	23,289	16,501
Hoima	11,736	7,803	7,967	2,146	7,650	8,153	3,550	5,655	6,026	3,220
Kabale	42,899	14,224	16,984	5,729	26,120	30,536	24,403	22,146	26,086	17,540
Kabarole	26,063	12,667	14,229	7,155	16,566	18,305	13,100	16,457	18,276	13,521
Kasese	35,482	25,890	25,526	19,175	30,104	30,833	26,330	30,147	31,432	26,763
Kibaale	18,630	5,904	5,810	607	9,832	10,228	3,996	11,915	12,401	4,152
Kisoro	20,751	5,117	4,965	2,285	12,566	15,028	14,407	14,693	17,066	14,750
Masindi	14,802	6,597	5,944	1,675	9,361	9,223	4,113	6,938	6,844	4,883
Mbarara	29,611	11,047	13,098	2,593	18,220	19,695	16,263	16,321	18,701	12,346
Ntungamo	36,520	25,468	23,743	9,733	26,931	26,413	22,769	29,105	26,617	23,698
Rukungiri	19,778	4,245	4,687	1,978	8,737	11,467	8,896	12,888	15,455	11,595
Kamwenge	37,958	18,912	21,183	10,786	19,065	21,689	17,452	22,953	25,795	16,118
Kanungu	27,939	4,720	4,791	2,544	15,306	17,405	14,116	17,350	20,143	15,445
Kyenjojo	36,040	20,475	19,969	7,992	21,420	23,866	12,489	22,538	22,238	10,775
Buliisa	3,049	2,084	2,211	1,180	1,813	2,039	1,226	1,781	1,916	1,286
Ibanda	28,662	16,270	16,532	4,737	15,989	18,465	11,834	18,606	20,177	11,549
Isingiro	42,352	18,314	19,329	4,266	24,957	27,239	17,088	25,229	26,439	19,466
Kiruhura	18,496	7,951	9,124	5,333	10,376	11,505	8,018	6,261	7,214	4,192

**Table A6.5: Distribution of Ag HHs by steps taken to alleviate food shortage by district**

District	Ag HHs that experienced food shortage	Ag HHs by steps taken to alleviate food shortage								
		Use savings to buy food			Take out a loan			Sell land		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Kalangala	216	111	124							
Kampala	479									
Kiboga	11,233	3,021	2,421	606				706		
Luwero	10,419	5,428	3,640		172					
Masaka	44,668	24,075	16,540	307						
Mpigi	43,167	21,055	16,512	746	285	293			426	
Mubende	50,740	27,246	20,417	1,340	3,072	1,706				
Mukono	29,616	16,241	11,909	1,261	1,302	361		865	160	
Nakasongola	7,486	4,823	2,067							
Rakai	33,657	16,632	11,536		2,159	1,302		1,277		
Ssembabule	18,167	10,674	8,045	582	1,309	468		653		
Kayunga	18,377	5,266	5,446	1,509	377					
Wakiso	49,620	32,656	22,677	550	5,827	1,903		2,357	799	
Lyantonde	8,829	4,079	4,218	2,616	2,110	2,418		433	513	
Mityana	16,514	7,377	4,864	524				176		
Nakaseke	8,083	4,588	3,084		404	255				
Bugiri	41,020	12,180	7,626	617	1,267	281		602		
Busia	23,396	12,197	5,452	327	990	788		793	333	
Iganga	40,681	13,331	5,718	574	2,090			596		
Jinja	9,048	2,398	1,323		236	542		265	338	
Kamuli	38,639	14,702	2,655	1,005				527	344	
Kapchorwa	11,424	1,645	939	187	457			1,024	613	
Katakwi	24,930	9,370	8,712	4,852	2,112	1,969		760	320	
Kumi	31,098	11,596	8,259	355	1,085	903		737	525	
Mbale	18,936	6,050	4,971	698	2,376	2,032		2,719	513	
Pallisa	42,255	14,249	7,553	1,335	1,548	392		8,685	1,411	
Soroti	47,177	16,443	10,643	508	1,879	1,438		372		
Tororo	21,993	9,155	4,040			165		189		
Kaberamaido	23,171	10,502	8,686	594	156			381	219	
Mayuge	28,914	21,063	13,383	2,527				597	299	
Sironko	35,883	17,569	8,101	938	1,690	925		2,270	591	
Amuria	35,762	11,400	12,261	1,356	168			1,342	855	
Budaka	11,752	3,154	441					801		
Bududa	15,365	2,495	1,165	110	763	446		401	141	
Bukedea	16,622	4,166	3,436	462						
Bukwo	20,177	4,709	2,402		2,822	1,004		1,266		
Butaleja	8,325	4,618	3,153	953	1,140	782		1,259	286	
Kaliro	22,893	8,698	2,838		312	220		256		
Manafwa	31,466	9,211	3,973	696	733			1,489	280	
Namutumba	14,639	3,850	2,622	588	185			620		
Adjumani	14,928	9,410	9,934	3,759	2,619	2,841		1,635	1,549	
Apac	52,187	18,947	15,980	730	2,442	1,987		2,351	569	
Arua	24,578	8,232	8,104	3,670	3,003	3,792		527	544	
Gulu	19,606	8,871	8,317	1,664	539	923		688	607	
Kitgum	31,879	6,664	4,614	2,363	172	341		1,602	1,116	

District	Ag HHS that experienced food shortage	Ag HHS by steps taken to alleviate food shortage								
		Use savings to buy food			Take out a loan			Sell land		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Kotido	8,606							100		
Lira	69,201	28,830	22,870	3,931	489	498		3,239	2,389	
Moroto	8,390									
Moyo	17,230	8,901	9,106	609	1,761	2,484		670	408	
Nebbi	55,621	20,561	13,384	781	1,992	1,424		4,296	848	
Nakapiripirit	12,297							3,754		
Pader	42,629	17,289	15,624					3,459	352	
Yumbe	40,751	12,093	12,095	469	639			759	383	
Abim	8,714	3,177	3,404	1,899				758	522	
Amolatar	14,944	7,683	7,386	788	558	175		1,273		
Amuru	26,430	9,227	7,547	1,634	154	217		498	375	
Dokolo	25,279	8,030	7,542	1,138				234	164	
Kaabong	18,853	2,338	1,031	577	665	731		4,331	1,193	
Koboko	10,558	6,352	3,890	825		114		113		
Nyadri	13,821	5,263	3,314	372	671			419		
Oyam	43,415	11,742	9,833	1,291	166			887	476	
Bundibugyo	8,981	5,329	2,390	150	207					
Bushenyi	41,154	25,163	13,618	1,432	382			2,021	1,281	
Hoima	11,736	6,446	4,601	283	421	202		194		
Kabale	42,899	18,066	18,318	4,734	4,873	2,344		2,010	1,949	
Kabarole	26,063	12,792	11,457		1,022	688		819	346	
Kasese	35,482	14,974	10,662	4,068	6,613	3,270		1,577	961	
Kibaale	18,630	2,237	1,637		483					
Kisoro	20,751	10,738	9,880	713	5,780	4,104		928	475	
Masindi	14,802	6,242	2,896	539	150					
Mbarara	29,611	11,918	6,769	224	1,488	439		228		
Ntungamo	36,520	16,163	8,165		1,707	641		2,556	848	
Rukungiri	19,778	10,412	6,110	609	412			400	189	
Kamwenge	37,958	11,641	8,641	663	2,634	1,070		185	214	
Kanungu	27,939	13,562	12,217	1,545	1,129	289		1,021	1,091	
Kyenjojo	36,040	22,935	15,276	480	4,598	3,671		3,544	1,875	
Buliisa	3,049		80					94		
Ibanda	28,662	21,659	16,986	708	1,293	607		555		
Isingiro	42,352	21,450	16,241	4,105	3,146	1,887		881		
Kiruhura	18,496	9,257	7,929	2,395	839	677		342	261	

**Table A6.5: Distribution of Ag HHs by steps taken to alleviate food shortage by district (Cont'd)**

District	Ag HHs that experienced food shortage	Ag HHs by steps taken to alleviate food shortage								
		Sell Livestock			Get another job			Sell or expand family business		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Kalangala	216	105	164		39					
Kampala	479									
Kiboga	11,233	2,820	2,367	1,423	134			1,324	1,197	689
Luwero	10,419		160		826	236		542	447	161
Masaka	44,668	1,463	365		9,213	1,727		552	259	
Mpigi	43,167	8,035	10,218	1,227	2,855	1,199		4,623	2,626	
Mubende	50,740	10,757	9,001	441	8,496	5,241	855	5,144	3,545	404
Mukono	29,616	2,689	2,334	914	5,595	1,610		5,894	3,487	603
Nakasongola	7,486	1,739	1,235	120	2,340	698				
Rakai	33,657	7,165	6,572	332	5,023	1,203	1,016	1,133	971	
Ssembabule	18,167	3,932	1,786	791	2,269	904		923	349	
Kayunga	18,377	2,228	1,380		4,544	2,378	213	363		
Wakiso	49,620	7,686	7,460	2,011	3,529	1,524	1,489	4,767	4,251	2,086
Lyantonde	8,829	4,145	3,694	2,460	2,848	2,684	2,290	2,658	2,795	2,500
Mityana	16,514	3,113	2,471	725	2,167	916		590	704	349
Nakaseke	8,083	1,083	832		783	243		621	420	
Bugiri	41,020	7,914	2,273	156	2,905	226		4,838	3,247	
Busia	23,396	6,987	3,521	226	1,499	939		2,023	1,199	406
Iganga	40,681	9,188	5,985	1,180	3,433	504	423	4,227	425	282
Jinja	9,048	1,727	1,589		1,297	271	208	732	637	
Kamuli	38,639	7,499	4,729		5,131	1,157		2,413	1,057	
Kapchorwa	11,424	5,623	3,985	1,855	754	463	155	2,925	2,763	1,603
Katakwi	24,930	10,348	8,871	3,950	970	288	184	1,004	3,916	440
Kumi	31,098	11,031	8,471	702	390			3,294	2,426	125
Mbale	18,936	3,961	3,998	1,032	4,231	3,593	879	5,348	3,963	1,266
Pallisa	42,255	19,320	10,266	2,855	3,575	2,416	820	10,458	7,445	1,604
Soroti	47,177	12,730	5,144	1,024	2,822	1,708	1,004	7,591	7,148	1,038
Tororo	21,993	5,029	3,816	3,620	1,389					
Kaberamaido	23,171	11,381	11,207	2,117	944	419		2,457	1,717	
Mayuge	28,914	4,681	3,973	1,250	1,956	373	216	2,948	1,782	406
Sironko	35,883	12,461	7,965	1,331	11,423	8,211	2,392	7,701	6,240	4,431
Amuria	35,762	15,663	13,153	2,395	385	229		2,764	4,310	1,500
Budaka	11,752	3,336	464		1,106			935	310	
Bududa	15,365	3,603	1,051		3,545	2,163	375	2,259	1,812	
Bukedea	16,622	3,814	1,640		1,101			2,082	2,048	
Bukwo	20,177	9,730	2,409	122	3,031	2,572	956	2,709	3,145	142
Butaleja	8,325	2,563	1,689	509	207			1,163	859	641
Kaliro	22,893	5,678	1,656		2,799	298		1,769	511	
Manafwa	31,466	8,514	3,725	453	1,874	385		2,266	1,527	
Namutumba	14,639	3,591	1,570		885	380		914		
Adjumani	14,928	6,431	4,455	1,747	2,993	2,277	1,404	2,566	2,355	1,582
Apac	52,187	22,907	16,663	407	3,160	6,190	3,975	1,987	2,910	443
Arua	24,578	10,515	5,121	3,582	4,998	4,933	3,608	6,583	6,763	4,012
Gulu	19,606	3,952	2,698	258	1,603			5,482	5,646	4,643
Kitgum	31,879	10,036	8,094	5,658	9,368	9,091	7,879	233	392	

District	Ag HHS that experienced food shortage	Ag HHS by steps taken to alleviate food shortage								
		Sell Livestock			Get another job			Sell or expand family business		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Kotido	8,606	7,031	2,384						194	
Lira	69,201	21,175	16,546	2,380	6,454	4,441	1,225	4,586	6,210	1,484
Moroto	8,390	1,805								
Moyo	17,230	4,381	2,879	660	1,344	1,443	692	1,397	1,669	774
Nebbi	55,621	13,961	3,779		7,437	4,139	432	7,809	10,203	908
Nakapiripirit	12,297	10,131	4,466	1,582	654	654		326	231	
Pader	42,629	8,325	1,603			316		856	435	
Yumbe	40,751	20,285	9,676	706	959	828		8,729	9,184	2,275
Abim	8,714	2,052	1,577	435				134	201	134
Amolatar	14,944	7,680	4,399	237	3,785	3,197	153	5,109	5,235	553
Amuru	26,430	2,316	714		2,598	1,620	263	3,752	2,684	1,144
Dokolo	25,279	8,854	7,074	1,355	2,541	1,640	619	4,876	4,969	2,017
Kaabong	18,853	6,928	955	912		406	522	943	1,057	643
Koboko	10,558	4,112	3,113	403	1,547	1,167	69	1,663	1,835	820
Nyadri	13,821	7,816	3,395		896			3,306	2,732	233
Oyam	43,415	18,178	10,890	1,345	1,224	925	338	5,823	5,708	1,556
Bundibugyo	8,981	585	462		325	417		1,692	3,195	
Bushenyi	41,154	6,794	4,556		4,136	2,391	1,503	2,524	2,532	2,349
Hoima	11,736	2,489	1,941	430	2,711	742		949	617	
Kabale	42,899	8,283	6,819	3,445	6,152	5,365	3,762	4,504	5,535	3,874
Kabarole	26,063	3,289	3,521		2,270	1,156	510	4,680	2,959	
Kasese	35,482	14,903	7,349	2,380	2,069	561		6,408	7,010	1,071
Kibaale	18,630	2,137	896		2,423	1,064		3,289	2,591	
Kisoro	20,751	4,200	1,331	258	3,162	3,000	535	252	245	
Masindi	14,802	4,158	2,657	449	3,655	3,730	929	115	115	
Mbarara	29,611	2,878	2,805	731	3,286	2,126	209	1,955	1,003	
Ntungamo	36,520	4,826	2,749		2,976	2,026	896	2,793	2,444	929
Rukungiri	19,778	4,835	2,620	422	1,254	685	307	528	379	
Kamwenge	37,958	5,350	4,605	1,497	8,807	6,505	881	3,667	2,144	662
Kanungu	27,939	6,022	3,661	555	2,854	2,608	909	6,935	6,624	4,109
Kyenjojo	36,040	9,136	5,483	295	6,099	3,610		3,855	3,115	
Buliisa	3,049	209	100	79	607	686	144	1,305	1,172	236
Ibanda	28,662	8,180	5,581	281	2,024	1,505	198	4,160	4,589	1,613
Isingiro	42,352	9,842	4,225	727	3,744	1,555	518	4,337	4,118	1,781
Kiruhura	18,496	5,164	2,903	882	1,778		557	162	332	

**Table 6.5: Distribution of Ag HHs by steps taken to alleviate food shortage by district (Cont'd)**

District	Ag HHs that experienced food shortage	Ag HHs by steps taken to alleviate food shortage								
		Get help from relatives or other			Get help from Government			Get help from charities		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Kalangala	216	90			23			26		
Kampala	479	79								
Kiboga	11,233	3,467	3,719	2,157					222	
Luwero	10,419	1,904	2,108	602						
Masaka	44,668	4,631	7,978	1,077	718	838	4,054		4,531	626
Mpigi	43,167	14,968	16,785	7,953	4,514	4,329	3,426	3,832	4,444	4,142
Mubende	50,740	12,467	13,287	4,621	3,268	2,561	1,889	2,409	3,086	875
Mukono	29,616	8,248	12,553	2,780					499	604
Nakasongola	7,486	602	1,146	123	94	217	61			
Rakai	33,657	3,395	6,792	1,413	713	468	609	512	1,164	2,286
Ssembabule	18,167	4,886	5,449	2,293	6,191	4,938	2,893		225	128
Kayunga	18,377	1,533	5,254	2,392				208	208	
Wakiso	49,620	13,108	17,804	12,150		983	2,028	905	1,002	2,329
Lyantonde	8,829	3,684	5,628	3,332	2,353	2,585	2,508	1,598	2,212	2,264
Mityana	16,514	4,515	5,264	2,410				2,833	2,898	1,008
Nakaseke	8,083	1,040	2,062	452						
Bugiri	41,020	13,359	18,793	1,495						
Busia	23,396	5,650	11,360	2,133	288	391	499	738	1,090	975
Iganga	40,681	12,224	18,012	7,797				1,007	331	
Jinja	9,048	2,873	3,920	689						
Kamuli	38,639	10,269	13,558	729				231	2,208	
Kapchorwa	11,424	3,185	3,764	2,434	2,168	2,283	2,117	728	811	378
Katakwi	24,930	12,826	16,620	8,331	12,811	14,137	13,280	7,674	8,759	8,062
Kumi	31,098	11,395	18,719	7,014	5,414	4,133	1,399	2,091	3,620	1,414
Mbale	18,936	5,269	5,447	3,608	746	893	684	772	561	649
Pallisa	42,255	14,934	20,044	7,846	653	1,101	7,174	1,642	2,293	6,883
Soroti	47,177	15,743	24,092	12,156	4,807	6,117	5,399	1,696	4,426	833
Tororo	21,993	9,020	9,762	4,235	1,696	1,696	1,039	680	634	299
Kaberamaido	23,171	7,683	10,672	5,016	2,905	2,578	225			
Mayuge	28,914	9,233	12,625	7,679				301	212	
Sironko	35,883	11,373	10,871	8,602	7,722	6,150	5,391	4,952	5,016	5,601
Amuria	35,762	9,714	13,369	8,222	16,189	18,330	9,921	9,792	10,887	6,573
Budaka	11,752	6,439	8,401	2,882				191	132	115
Bududa	15,365	4,163	4,975	1,446	3,256	3,208	2,987	1,450	1,332	1,257
Bukedea	16,622	9,224	10,462	3,579	8,475	9,210	5,553	4,724	4,771	2,980
Bukwo	20,177	1,354	2,105	494	3,470	2,378	469			
Butaleja	8,325	4,708	4,117	2,499		158		713	789	478
Kaliro	22,893	12,488	13,938	6,621				2,086	1,469	119
Manafwa	31,466	10,150	14,407	755		221		315	638	
Namutumba	14,639	5,574	5,385	1,127				499	918	210
Adjumani	14,928	5,262	6,299	2,006	2,413	2,201	1,667	2,400	2,797	2,445
Apac	52,187	17,905	26,891	15,967	2,546	2,770	754	4,588	8,070	7,984
Arua	24,578	6,476	11,541	4,048	4,720	5,308	4,511	411	882	798
Gulu	19,606	6,002	9,961	4,427	4,684	5,541	3,390	9,561	11,429	5,277
Kitgum	31,879	8,735	10,462	6,007	9,211	9,819	7,126	15,030	15,278	8,913
Kotido	8,606	2,070	5,855	1,144	6,494	6,779	3,070	7,124	7,205	3,985

District	Ag HHS that experienced food shortage	Ag HHS by steps taken to alleviate food shortage								
		Get help from relatives or other			Get help from Government			Get help from charities		
		Adult Male	Adult Female	Children	Adult Male	Adult Female	Children	Adult Male	Adult Female	Children
Lira	69,201	35,569	46,372	29,393	11,694	13,102	10,117	18,597	23,814	20,572
Moroto	8,390	2,230		2,230	3,080	2,230	3,186	2,230	4,036	4,248
Moyo	17,230	1,523	1,989	978	1,367	1,385	1,509	823	938	1,243
Nebbi	55,621	11,891	20,239	6,250	4,468	4,679	2,214	1,786	2,558	1,177
Nakapiripirit	12,297	8,352	8,352	8,245	11,790	11,887	11,795	8,039	8,145	8,039
Pader	42,629	14,216	17,939	4,085	12,248	13,451	5,091	6,124	7,160	5,184
Yumbe	40,751	10,947	17,679	8,712	1,097	540	250	2,230	4,745	4,369
Abim	8,714	2,263	2,757	2,424	5,051	5,318	4,992	4,173	4,500	4,313
Amolatar	14,944	4,720	6,130	2,796	856	2,357	1,185	298	1,885	1,129
Amuru	26,430	8,330	9,248	2,844	3,681	6,089	3,411	9,296	12,086	4,159
Dokolo	25,279	9,768	15,689	9,824	7,805	8,426	3,347	5,529	8,758	6,344
Kaabong	18,853	7,354	8,597	6,197	11,928	12,782	12,026	1,302	1,140	1,376
Koboko	10,558	2,127	1,371	675						
Nyadri	13,821	3,363	4,763	2,155	2,827	2,660	286	1,870	1,836	954
Oyam	43,415	25,227	29,412	17,410	4,506	4,945	3,514	3,199	4,071	3,312
Bundibugyo	8,981	1,152	1,831	491				221	200	455
Bushenyi	41,154	9,095	15,037	9,235	1,176	873	1,069	2,157	2,372	2,372
Hoima	11,736	3,772	3,524	710				589	351	
Kabale	42,899	5,310	13,785	3,011	812	2,252	2,608	1,776	5,415	2,026
Kabarole	26,063	3,447	5,010		277	277		273	542	
Kasese	35,482	9,231	11,006	3,665	435	589	230	1,268	1,676	517
Kibaale	18,630	5,491	6,482	3,745	7,053	6,797	6,862	1,305	1,738	942
Kisoro	20,751	7,220	11,020	6,012	204	204	167	3,107	3,772	5,574
Masindi	14,802	3,717	3,196	1,390				147	147	
Mbarara	29,611	5,924	13,334	2,403		309			1,446	468
Ntungamo	36,520	19,770	18,424	11,703	2,839	2,213	2,282	838	713	806
Rukungiri	19,778	4,529	12,084	1,304	199	326		233	617	301
Kamwenge	37,958	8,273	10,266	5,421				288	316	
Kanungu	27,939	5,560	11,801	5,084	2,443	1,962	1,860	4,022	3,900	3,344
Kyenjojo	36,040	10,561	12,813	2,224	1,064	805		685	499	
Buliisa	3,049	301	248							
Ibanda	28,662	4,229	6,515	1,155	516	351		800	1,274	699
Isingiro	42,352	12,810	19,110	3,190	969	1,094	517	883	2,017	1,451
Kiruhura	18,496	5,813	7,661	1,340						

**Table A 6.6 Distribution of Ag HHs with Fear for a Food Shortage during a Future Twelve-Month Reference Period by district**

District	Ag HHs that experienced food shortage	Ag HHs with Fear for a Food Shortage	Std. Err.	95 % Confidence Interval		C.V. (%)
				Lower	Upper	
Kalangala	216	88	46	-1	178	51.9
Kampala	479	417	299	-169	1,002	71.7
Kiboga	11,233	4,811	867	3,111	6,511	18
Luwero	10,419	5,321	1,013	3,334	7,308	19
Masaka	44,668	22,744	2,229	18,373	27,116	9.8
Mpigi	43,167	26,532	2,552	21,529	31,536	9.6
Mubende	50,740	15,080	2,292	10,586	19,573	15.2
Mukono	29,616	19,958	3,168	13,747	26,170	15.9
Nakasongola	7,486	5,553	1,399	2,810	8,296	25.2
Rakai	33,657	24,040	5,373	13,503	34,577	22.4
Ssembabule	18,167	8,867	1,114	6,683	11,051	12.6
Kayunga	18,377	11,305	2,219	6,953	15,657	19.6
Wakiso	49,620	33,507	5,401	22,917	44,098	16.1
Lyantonde	8,829	3,934	450	3,051	4,817	11.4
Mityana	16,514	10,550	1,261	8,078	13,022	12
Nakaseke	8,083	3,846	530	2,807	4,885	13.8
Bugiri	41,020	23,268	4,448	14,546	31,990	19.1
Busia	23,396	19,308	2,114	15,162	23,454	10.9
Iganga	40,681	30,759	2,605	25,651	35,867	8.5
Jinja	9,048	5,525	887	3,785	7,264	16.1
Kamuli	38,639	21,317	2,541	16,333	26,300	11.9
Kapchorwa	11,424	10,164	1,105	7,997	12,331	10.9
Katakwi	24,930	23,347	1,228	20,939	25,755	5.3
Kumi	31,098	25,607	2,196	21,300	29,913	8.6
Mbale	18,936	14,505	2,809	8,996	20,013	19.4
Pallisa	42,255	31,936	2,650	26,740	37,132	8.3
Soroti	47,177	36,570	3,832	29,056	44,084	10.5
Tororo	21,993	12,730	1,512	9,766	15,695	11.9
Kaberamaido	23,171	15,794	1,469	12,914	18,675	9.3
Mayuge	28,914	17,220	2,114	13,074	21,365	12.3
Sironko	35,883	27,949	2,193	23,648	32,249	7.8
Amuria	35,762	33,046	1,520	30,065	36,027	4.6
Budaka	11,752	14,271	953	12,403	16,140	6.7
Bududa	15,365	10,945	917	9,147	12,742	8.4
Bukedea	16,622	12,037	1,382	9,326	14,748	11.5
Bukwo	20,177	17,999	2,327	13,436	22,561	12.9
Butaleja	8,325	7,679	1,023	5,673	9,686	13.3
Kaliro	22,893	20,715	1,980	16,833	24,597	9.6
Manafwa	31,466	24,489	2,149	20,275	28,703	8.8
Namutumba	14,639	10,742	1,315	8,164	13,320	12.2
Adjumani	14,928	12,047	1,479	9,146	14,948	12.3
Apac	52,187	36,786	3,356	30,205	43,367	9.1
Arua	24,578	22,766	2,688	17,495	28,036	11.8
Gulu	19,606	17,553	2,061	13,511	21,595	11.7
Kitgum	31,879	28,767	2,187	24,477	33,056	7.6
Kotido	8,606	7,268	3,648	114	14,422	50.2
Lira	69,201	59,459	3,999	51,617	67,301	6.7



District	Ag HHs that experienced food shortage	Ag HHs with Fear for a Food Shortage	Std. Err.	95 % Confidence Interval		C.V. (%)
				Lower	Upper	
Moroto	8,390	8,071	991	6,128	10,015	12.3
Moyo	17,230	13,837	1,089	11,701	15,973	7.9
Nebbi	55,621	32,445	2,582	27,382	37,508	8
Nakapiripirit	12,297	12,805	4,152	4,662	20,947	32.4
Pader	42,629	27,149	2,723	21,809	32,489	10
Yumbe	40,751	34,303	1,808	30,758	37,847	5.3
Abim	8,714	7,972	846	6,312	9,632	10.6
Amolatar	14,944	8,795	1,061	6,715	10,875	12.1
Amuru	26,430	20,741	2,172	16,482	25,001	10.5
Dokolo	25,279	23,962	1,278	21,456	26,468	5.3
Kaabong	18,853	17,160	2,753	11,763	22,558	16
Koboko	10,558	6,601	1,718	3,232	9,969	26
Nyadri	13,821	10,008	1,375	7,311	12,704	13.7
Oyam	43,415	38,835	2,111	34,696	42,975	5.4
Bundibugyo	8,981	5,235	780	3,706	6,764	14.9
Bushenyi	41,154	30,228	3,847	22,684	37,772	12.7
Hoima	11,736	5,473	1,017	3,478	7,468	18.6
Kabale	42,899	35,310	3,097	29,238	41,383	8.8
Kabarole	26,063	11,423	2,194	7,121	15,725	19.2
Kasese	35,482	26,553	3,673	19,351	33,756	13.8
Kibaale	18,630	14,635	3,236	8,288	20,981	22.1
Kisoro	20,751	17,129	1,682	13,831	20,427	9.8
Masindi	14,802	9,625	1,414	6,853	12,397	14.7
Mbarara	29,611	13,230	1,794	9,712	16,747	13.6
Ntungamo	36,520	25,437	2,875	19,799	31,074	11.3
Rukungiri	19,778	14,010	2,101	9,890	18,130	15
Kamwenge	37,958	21,762	1,898	18,040	25,484	8.7
Kanungu	27,939	21,758	1,618	18,585	24,932	7.4
Kyenjojo	36,040	12,896	1,940	9,091	16,701	15
Buliisa	3,049	1,569	455	677	2,462	29
Ibanda	28,662	13,711	1,469	10,831	16,591	10.7
Isingiro	42,352	38,172	2,189	33,879	42,464	5.7
Kiruhura	18,496	8,770	1,206	6,405	11,135	13.8

**Table A 6.7: Distribution of Ag HHs that were affected by Floods and Extent of Loss of Agricultural Output by district**

District	Ag HHs that experienced food shortage	Disaster:	Extent of loss of agriculture output			
		<i>Floods and tidal waves</i>	<i>None</i>	<i>Slight</i>	<i>Moderate</i>	<i>Severe</i>
Kalangala	216	29				
Kampala	479	404				
Kiboga	11,233	2,743	2,557			
Luwero	10,419	1,416	1,345			
Masaka	44,668	1,431	983			
Mpigi	43,167	8,840	5,811	656	2,260	
Mubende	50,740	9,193	5,442	2,033	626	1,092
Mukono	29,616	10,476	8,373	1,531	573	
Nakasongola	7,486	2,509	2,312			197
Rakai	33,657	15,459	15,260			
Ssembabule	18,167	6,334	5,864	339		
Kayunga	18,377	6,756	5,766		684	
Wakiso	49,620	16,891	14,258	1,608	1,025	
Lyantonde	8,829	5,710	4,949			558
Mityana	16,514	5,068	3,487	1,096	276	
Nakaseke	8,083	2,595	2,595			
Bugiri	41,020	8,022	2,456	5,063		
Busia	23,396	9,428	3,506	1,256	4,360	188
Iganga	40,681	5,424	4,629			
Jinja	9,048	1,069	790			
Kamuli	38,639	17,905	17,131			260
Kapchorwa	11,424	181				91
Katakwi	24,930	17,040	1,040	2,249	4,341	9,410
Kumi	31,098	8,585	5,068	1,584	1,645	288
Mbale	18,936	9,966	2,639	5,207	736	1,385
Pallisa	42,255	2,134	776	811	384	
Soroti	47,177	13,082	8,899	973		2,931
Tororo	21,993	2,137	1,300		552	
Kaberamaido	23,171	4,463	3,409	300	202	473
Mayuge	28,914	12,006		887	807	
Sironko	35,883	16,796	6,769	4,339	2,563	3,125
Amuria	35,762	7,925	4,148		481	3,296
Budaka	11,752	3,928	2,469	1,460		
Bududa	15,365	8,717	2,101	2,057	2,679	1,880
Bukedea	16,622	5,908		3,207	2,488	156
Bukwo	20,177	1,309	1,309			
Butaleja	8,325	6,324	2,052	1,936	1,372	963
Kaliro	22,893	4,012	2,813	853	242	
Manafwa	31,466	9,061	7,705	750	386	221
Namutumba	14,639	4,559	3,264	591	704	
Adjumani	14,928	7,859	1,834	505	1,415	4,105
Apac	52,187	14,868	5,623	4,287	2,508	2,450
Arua	24,578	8,266	2,422	2,442	1,103	2,300
Gulu	19,606	3,211	2,236	855		
Kitgum	31,879	10,859	10,256	335	268	
Kotido	8,606	5,456	175	4,555	545	

District	Ag HHs that experienced food shortage	Disaster:	Extent of loss of agriculture output			
		<i>Floods and tidal waves</i>	<i>None</i>	<i>Slight</i>	<i>Moderate</i>	<i>Severe</i>
Lira	69,201	28,787	14,885	13,002	429	471
Moroto	8,390	2,018	1,304			
Moyo	17,230	7,325	12,770	1,781	4,040	201
Nebbi	55,621	14,883	5,279	730	330	1,054
Nakapiripirit	12,297	6,899		1,098	431	
Pader	42,629	7,302	4,667	1,427		1,000
Yumbe	40,751	10,948	9,107	971	286	584
Abim	8,714	1,389	1,180			
Amolatar	14,944	5,931	5,458		169	244
Amuru	26,430	9,754	7,021	819	1,050	864
Dokolo	25,279	8,197	4,757	3,005	289	147
Kaabong	18,853	2,947	2,119	530	228	70
Koboko	10,558	907	505	169	178	55
Nyadri	13,821	9,723	9,723			
Oyam	43,415	18,282	9,256	4,073	2,391	2,562
Bundibugyo	8,981	2,934	337	1,243	905	449
Bushenyi	41,154	8,229	7,289	374		
Hoima	11,736	9,325	8,963	130	232	
Kabale	42,899	14,015	5,089	3,915	4,002	1,009
Kabarole	26,063	9,375	4,018	4,304	917	
Kasese	35,482	6,022	5,285	431		
Kibaale	18,630	6,328	6,187			
Kisoro	20,751	9,113	8,931			
Masindi	14,802	5,454	4,721			589
Mbarara	29,611	5,549	2,377	1,047	1,526	599
Ntungamo	36,520	21,472	4,302	1,865	2,756	12,548
Rukungiri	19,778	8,829	8,341		302	186
Kamwenge	37,958	2,440	2,050			281
Kanungu	27,939	3,235	2,669	565		
Kyenjojo	36,040	6,813	5,362	962	489	
Buliisa	3,049	1,766	1,436	48	280	
Ibanda	28,662	11,616	8,039	797	2,436	344
Isingiro	42,352	12,687	5,950	507	1,566	4,665
Kiruhura	18,496	922	261		411	

**Table A 6.8: Distribution of Ag HHs that were affected by Drought and Extent of Loss of Agricultural Output by district**

District	Ag HHs that experienced food shortage	Disaster		Extent of loss of agriculture output			
		Drought	None	Slight	Moderate	Severe	
Kalangala	216	143			59	55	
Kampala	479						
Kiboga	11,233	9,476			1,372	7,595	
Luwero	10,419	9,327			681	8,280	
Masaka	44,668	38,864	299	1,378	12,761	24,426	
Mpigi	43,167	41,331	427	2,696	4,632	33,576	
Mubende	50,740	47,029	496	3,686	4,506	38,341	
Mukono	29,616	27,717	1,010	2,907	7,946	15,584	
Nakasongola	7,486	6,699			3,253	3,395	
Rakai	33,657	32,983		905	1,346	30,732	
Ssembabule	18,167	17,654		183	1,492	15,979	
Kayunga	18,377	17,854		2,138	2,346	13,265	
Wakiso	49,620	46,432	662	5,589	19,508	20,409	
Lyantonde	8,829	8,126			375	7,705	
Mityana	16,514	15,765	655	3,140	3,403	8,567	
Nakaseke	8,083	8,113		1,173	3,983	2,890	
Bugiri	41,020	31,834		8,105	10,866	12,863	
Busia	23,396	22,900		4,274	9,027	9,499	
Iganga	40,681	36,208	625	822	12,853	21,909	
Jinja	9,048	8,047	746	879	2,958	3,406	
Kamuli	38,639	38,505	1,044	7,559	10,145	19,395	
Kapchorwa	11,424	8,846		810	872	7,164	
Katakwi	24,930	24,793		4,186	6,000	14,607	
Kumi	31,098	30,559		2,281	7,588	20,599	
Mbale	18,936	17,135	880	6,595	5,536	4,124	
Pallisa	42,255	39,962		4,162	2,914	32,886	
Soroti	47,177	37,290	2,776	4,631	18,740	10,996	
Tororo	21,993	20,245		1,814	6,094	12,261	
Kaberamaido	23,171	22,841		1,224	5,354	16,122	
Mayuge	28,914	28,165	266	2,712	12,922	12,265	
Sironko	35,883	28,921	1,760	7,988	6,051	13,121	
Amuria	35,762	35,171		4,031	14,282	16,390	
Budaka	11,752	17,379	116	853	7,656	8,755	
Bududa	15,365	8,317	895	3,267	3,135	1,020	
Bukedea	16,622	16,286		2,615	2,112	11,403	
Bukwo	20,177	19,975		240	1,751	17,984	
Butaleja	8,325	8,002		509	2,336	5,080	
Kaliro	22,893	23,272		4,311	2,367	16,446	
Manafwa	31,466	24,738	460	9,598	4,729	9,951	
Namutumba	14,639	13,422		3,991	4,649	4,705	
Adjumani	14,928	13,314	89	1,802	2,040	9,382	
Apac	52,187	51,059	920	4,381	19,366	26,392	
Arua	24,578	24,446		335	340	23,771	
Gulu	19,606	18,405	790	5,210	8,917	3,368	
Kitgum	31,879	30,959	479	9,189	2,072	19,219	

District	Ag HHs that experienced food shortage	Disaster	Extent of loss of agriculture output			
		Drought	None	Slight	Moderate	Severe
Kotido	8,606	7,864		978	590	6,296
Lira	69,201	68,565	278	5,765	19,295	43,227
Moroto	8,390	5,841		212	1,168	4,354
Moyo	17,230	16,912	721	760	8,354	7,078
Nebbi	55,621	53,814	624	6,694	9,935	36,560
Nakapiripirit	12,297	12,204	866	2,748	1,858	6,732
Pader	42,629	38,100	1,041	2,347	3,175	31,537
Yumbe	40,751	39,913		1,557	9,441	28,915
Abim	8,714	8,531			195	8,269
Amolatar	14,944	13,045			383	12,608
Amuru	26,430	19,711		2,575	3,770	13,273
Dokolo	25,279	25,131			295	24,836
Kaabong	18,853	18,662	887		1,575	16,200
Koboko	10,558	10,389		764	3,391	6,159
Nyadri	13,821	13,526		409	2,669	10,448
Oyam	43,415	42,853		8,925	10,453	23,346
Bundibugyo	8,981	7,438		1,758	4,728	827
Bushenyi	41,154	31,847		1,371	10,299	19,973
Hoima	11,736	19,653		9,584	4,665	5,299
Kabale	42,899	27,307	1,153	11,118	10,725	4,311
Kabarole	26,063	22,088	330	5,067	3,370	13,321
Kasese	35,482	23,128	828	2,172	9,398	10,730
Kibaale	18,630	19,206	797	1,739	6,021	10,650
Kisoro	20,751	12,597	946	3,789	7,162	608
Masindi	14,802	12,760	279	3,466	1,882	7,132
Mbarara	29,611	22,938		7,318	8,792	6,829
Ntungamo	36,520	29,624	242	1,661	8,874	18,847
Rukungiri	19,778	22,330	8,674	2,142	2,186	9,232
Kamwenge	37,958	35,794		1,074	6,184	28,251
Kanungu	27,939	25,463	610	4,160	6,621	14,072
Kyenjojo	36,040	31,760	1,577	8,080	10,843	11,013
Buliisa	3,049	2,443	638	596	864	345
Ibanda	28,662	28,115	135	2,708	6,956	18,315
Isingiro	42,352	39,838	211	9,656	19,626	10,345
Kiruhura	18,496	17,920		2,448	8,039	7,271

**Table A 6.9: Distribution of Ag HHs that were affected by Hail Storms and Extent of Loss of Agricultural Output by district**

District	Ag HHs that experienced food shortage	Disaster		Extent of loss of agriculture output			
		Hailstorms	None	Slight	Moderate	Severe	
Kalangala	216	101				88	
Kampala	479						
Kiboga	11,233	3,749	861	1,229	1,273	387	
Luwero	10,419	2,437	847	285	1,153		
Masaka	44,668	2,614	718	1,071	689		
Mpigi	43,167	13,667	732	3,060	6,435	3,440	
Mubende	50,740	18,067	1,798	1,485	6,767	8,016	
Mukono	29,616	11,387	8,865	2,026	496		
Nakasongola	7,486	2,312	2,240				
Rakai	33,657	15,897	14,902	287	308	285	
Ssembabule	18,167	9,090	3,613	1,652	2,772	1,054	
Kayunga	18,377	9,278	3,104	2,295	2,994	785	
Wakiso	49,620	18,883	11,039	4,161	3,449	233	
Lyantonde	8,829	6,601	4,341	713	1,414	132	
Mityana	16,514	6,757	1,737	2,411	1,762	847	
Nakaseke	8,083	2,671	379	1,940	352		
Bugiri	41,020	8,956	255	6,516	1,776	410	
Busia	23,396	19,582	574	7,046	11,678	197	
Iganga	40,681	14,722	856	8,645	4,800	421	
Jinja	9,048	2,401		486	700	1,215	
Kamuli	38,639	20,447	12,095	4,575	2,604	1,007	
Kapchorwa	11,424	1,544		496	591	436	
Katakwi	24,930	15,522	1,077	5,958	6,705	1,782	
Kumi	31,098	10,863	4,518	3,127	2,427	790	
Mbale	18,936	9,840	2,502	4,375	2,136	827	
Pallisa	42,255	22,204	584	9,627	8,023	3,970	
Soroti	47,177	16,788	4,132	4,949	3,988	3,292	
Tororo	21,993	7,774	210	1,033	1,831	4,700	
Kaberamaido	23,171	12,468	2,210	5,981	3,581	617	
Mayuge	28,914	19,931	9,152	2,593	7,421	765	
Sironko	35,883	15,022	3,328	7,725	2,680	1,290	
Amuria	35,762	4,170	3,869		197		
Budaka	11,752	4,540	1,249	2,669	622		
Bududa	15,365	8,958	899	2,006	1,818	4,235	
Bukedea	16,622	9,878	145	5,937	2,476	1,320	
Bukwo	20,177	1,487	1,187				
Butaleja	8,325	6,074	1,019	2,883	1,436	736	
Kaliro	22,893	4,361	1,204	2,366	791		
Manafwa	31,466	16,536	7,437	5,364	2,145	1,590	
Namutumba	14,639	8,209	483	5,235	2,125	367	
Adjumani	14,928	7,291	2,517	1,885	1,739	1,151	
Apac	52,187	33,288	1,254	10,793	10,160	11,081	
Arua	24,578	8,071	2,343	1,583	2,309	1,835	
Gulu	19,606	9,190	3,208	2,943	1,137	1,903	
Kitgum	31,879	15,830	3,929	7,658	3,890	353	
Kotido	8,606	5,521	575	2,855	2,091		

District	Ag HHs that experienced food shortage	Disaster	Extent of loss of agriculture output			
		Hailstorms	None	Slight	Moderate	Severe
Lira	69,201	49,418	4,084	13,449	22,733	9,152
Moroto	8,390					
Moyo	17,230	6,998	3,515	1,620	1,814	
Nebbi	55,621	24,948	5,038	6,788	10,544	2,578
Nakapiripirit	12,297	6,463	5,162	1,102		
Pader	42,629	17,709	1,234	10,074	6,401	
Yumbe	40,751	15,256	4,175	5,227	5,360	494
Abim	8,714	1,320	1,158			
Amolatar	14,944	6,648	4,072	1,060	1,320	196
Amuru	26,430	13,633	2,309	5,938	2,735	2,650
Dokolo	25,279	14,038	2,768	5,098	5,283	888
Kaabong	18,853	2,722	1,797	332	518	
Koboko	10,558	3,311	416	484	1,510	901
Nyadri	13,821	10,161	5,694	2,435	1,888	
Oyam	43,415	33,213	5,173	6,590	10,814	10,515
Bundibugyo	8,981	5,492	290	1,928	2,667	606
Bushenyi	41,154	22,719	5,982	6,874	5,314	4,352
Hoima	11,736	15,021	882	8,826	3,298	2,015
Kabale	42,899	13,590	4,268	5,961	2,514	848
Kabarole	26,063	18,439	2,616	1,965	9,744	4,115
Kasese	35,482	25,468	3,975	6,744	6,687	8,062
Kibaale	18,630	12,285	5,434	2,028	2,456	2,367
Kisoro	20,751	14,400	2,273	5,495	6,220	411
Masindi	14,802	9,457	3,595	3,994	1,435	434
Mbarara	29,611	11,060	2,075	1,886	4,197	2,902
Ntungamo	36,520	24,055	5,227	2,047	2,638	14,143
Rukungiri	19,778	19,510		1,760	6,403	11,242
Kamwenge	37,958	8,553	1,216	2,265	2,937	2,135
Kanungu	27,939	15,695	438	6,160	7,740	1,357
Kyenjojo	36,040	14,851	3,668	5,818	2,654	2,586
Buliisa	3,049	1,958	1,067	332	532	
Ibanda	28,662	19,871	3,764	6,541	4,549	5,018
Isingiro	42,352	16,871	7,223	3,349	3,432	2,866
Kiruhura	18,496	3,945	384	1,449	670	1,442

**Table A 6.10: Distribution of Ag HHs that were affected by Pests and Extent of Loss of Agricultural Output by district**

District	Ag HHs that experienced food shortage	Disaster		Extent of loss of agriculture output		
		Pests	None	Slight	Moderate	Severe
Kalangala	216	160				126
Kampala	479	104		66		
Kiboga	11,233	7,592	562	2,608	3,586	836
Luwero	10,419	9,335		3,561	4,270	1,504
Masaka	44,668	11,382		4,397	3,024	3,735
Mpigi	43,167	23,322	371	3,893	13,938	5,120
Mubende	50,740	22,515	1,659	2,937	9,975	7,944
Mukono	29,616	24,058		11,155	8,781	4,122
Nakasongola	7,486	3,217	501	1,384	869	464
Rakai	33,657	23,711	5,096	7,676	8,633	2,306
Ssembabule	18,167	10,939	773	2,167	3,360	4,639
Kayunga	18,377	14,189	576	3,699	6,109	3,805
Wakiso	49,620	36,618	5,283	9,473	10,113	11,269
Lyantonde	8,829	8,419	550	3,239	1,996	2,634
Mityana	16,514	12,330		1,464	4,629	6,078
Nakaseke	8,083	5,654	826	2,192	2,394	242
Bugiri	41,020	23,621		7,591	9,718	6,267
Busia	23,396	21,720	1,555	3,305	11,848	5,012
Iganga	40,681	21,835	2,097	6,268	7,739	5,434
Jinja	9,048	7,431		2,302	3,892	1,178
Kamuli	38,639	25,462	2,999	9,063	9,007	4,226
Kapchorwa	11,424	9,421		1,609	3,212	4,600
Katakwi	24,930	23,991	3,203	4,125	9,275	7,389
Kumi	31,098	21,572	486	8,087	11,727	1,272
Mbale	18,936	14,692	876	9,665	3,530	622
Pallisa	42,255	24,749		5,558	17,243	1,803
Soroti	47,177	30,769	3,167	10,151	11,456	5,307
Tororo	21,993	7,774	320	3,081	3,401	972
Kaberamaido	23,171	17,344	177	4,016	9,644	3,507
Mayuge	28,914	18,400	3,206	5,077	9,377	740
Sironko	35,883	20,038	636	4,563	10,501	4,339
Amuria	35,762	20,547		6,719	9,115	4,655
Budaka	11,752	11,292	168	5,459	4,970	695
Bududa	15,365	11,445	317	1,716	4,326	5,086
Bukedea	16,622	9,275	134	3,762	3,289	2,090
Bukwo	20,177	11,840		6,418	4,294	1,005
Butaleja	8,325	7,588	145	3,185	2,448	1,810
Kaliro	22,893	15,671	168	7,094	5,019	3,389
Manafwa	31,466	22,048	891	14,617	4,402	2,138
Namutumba	14,639	12,125	145	4,557	6,491	932
Adjumani	14,928	10,399	1,922	3,205	3,516	1,757
Apac	52,187	48,250	1,896	18,248	18,003	10,104
Arua	24,578	14,413	1,074	7,945	4,260	1,134
Gulu	19,606	11,992	318	4,500	5,585	1,589
Kitgum	31,879	27,091	1,797	14,482	9,194	1,618
Kotido	8,606	5,443		2,769	2,671	



District	Ag HHs that experienced food shortage	Disaster		Extent of loss of agriculture output			
		Pests	None	Slight	Moderate	Severe	
Lira	69,201	60,937	1,598	14,006	37,492	7,664	
Moroto	8,390	2,018			3,413		
Moyo	17,230	10,576	1,385	4,410		1,367	
Nebbi	55,621	43,293	2,267	16,076	21,388	3,561	
Nakapiripirit	12,297	8,863		928		7,524	
Pader	42,629	20,934	6,627	6,236	5,809	2,122	
Yumbe	40,751	35,019	1,429	10,766	19,559	3,264	
Abim	8,714	3,849		1,220	1,539	1,067	
Amolatar	14,944	9,129	3,779	2,353	1,950	1,047	
Amuru	26,430	15,979	689	3,811	8,967	2,511	
Dokolo	25,279	15,086	641	7,515	6,189	741	
Kaabong	18,853	5,928	698	1,267	2,704	1,258	
Koboko	10,558	8,017	156	4,858	2,141	862	
Nyadri	13,821	9,966		1,598	4,838	3,319	
Oyam	43,415	32,896	1,942	12,182	10,639	7,992	
Bundibugyo	8,981	7,914		695	944	6,174	
Bushenyi	41,154	30,232		6,690	15,683	7,645	
Hoima	11,736	14,564	1,965	8,903	3,003	693	
Kabale	42,899	29,641	945	10,575	13,807	4,315	
Kabarole	26,063	18,891		3,358	6,121	9,223	
Kasese	35,482	29,690		1,729	12,601	15,201	
Kibaale	18,630	13,532	1,900	3,022	2,987	5,624	
Kisoro	20,751	15,974	868	8,122	6,069	915	
Masindi	14,802	7,027	1,369	2,726	1,921	1,012	
Mbarara	29,611	8,469	603	5,362	2,392		
Ntungamo	36,520	29,512	2,521	2,933	8,909	15,149	
Rukungiri	19,778	18,534	6,935	1,741	5,555	4,304	
Kamwenge	37,958	10,902	936	2,976	3,604	3,386	
Kanungu	27,939	14,877	172	5,516	6,685	2,504	
Kyenjojo	36,040	16,095	1,580	6,233	5,759	2,398	
Buliisa	3,049	2,104	630	618	704	152	
Ibanda	28,662	22,905	4,899	4,861	10,004	3,141	
Isingiro	42,352	19,671	1,999	6,004	7,324	4,343	
Kiruhura	18,496	2,842	413	605	413	1,411	

**Table A 6.11: Distribution of Ag HHs that were affected by Erratic Rains and Extent of Loss of Agricultural Output by district**

District	Ag HHs that experienced food shortage	Disaster		Extent of loss of agriculture output			
		Erratic Rains	None	Slight	Moderate	Severe	
Kalangala	216						
Kampala	479	66		66			
Kiboga	11,233	3,610	2,350	851	347		
Luwero	10,419	6,864	705	285	1,160	4,664	
Masaka	44,668	9,980	1,138	3,969	4,320	553	
Mpigi	43,167	11,114	2,491	3,990	3,263	1,370	
Mubende	50,740	17,844	2,719	1,812	2,928	10,386	
Mukono	29,616	17,464	8,842	2,034	3,070	3,518	
Nakasongola	7,486	2,312	2,312				
Rakai	33,657	17,321	11,964	2,552	2,444	360	
Ssembabule	18,167	8,301	4,326	763	1,803	1,409	
Kayunga	18,377	7,170	6,356	264	348	203	
Wakiso	49,620	16,633	11,702	1,261	3,026	644	
Lyantonde	8,829	6,507	4,651	117	1,309	430	
Mityana	16,514	4,605	1,811	1,221	964	608	
Nakaseke	8,083	3,359	2,383				
Bugiri	41,020	2,915	2,070	732	112		
Busia	23,396	11,480		857	6,610	4,012	
Iganga	40,681	7,304	4,366	1,541	615	782	
Jinja	9,048	1,378	499	279	345	257	
Kamuli	38,639	17,746	14,958	1,889	595		
Kapchorwa	11,424	946		433	283	171	
Katakwi	24,930	17,705	585	10,038	5,533	1,549	
Kumi	31,098	10,348	4,392	3,034	2,697	225	
Mbale	18,936	10,169	2,168	4,073	3,259	669	
Pallisa	42,255	5,867	488	4,348	912		
Soroti	47,177	20,218	8,621	767	10,088	742	
Tororo	21,993	4,738	509	699	1,170	2,360	
Kaberamaido	23,171	8,190	2,520	4,040	1,392	238	
Mayuge	28,914	14,625	11,307	1,677	1,553	88	
Sironko	35,883	20,086	5,205	7,766	3,240	3,875	
Amuria	35,762	15,429	3,964		3,068	8,280	
Budaka	11,752	7,348	2,917	1,711	1,333	1,388	
Bududa	15,365	8,744	542	1,880	2,118	4,204	
Bukedea	16,622	5,770	917	4,254	262	336	
Bukwo	20,177	1,348	1,187				
Butaleja	8,325	5,763	462	3,471	645	1,184	
Kaliro	22,893	8,538	1,928	4,377	1,730	501	
Manafwa	31,466	13,303	7,235	3,966	1,503	599	
Namutumba	14,639	3,739	1,877	1,114	748		
Adjumani	14,928	6,675	2,447	1,618	1,758	852	
Apac	52,187	20,112	3,883	5,896	3,262	7,070	
Arua	24,578	5,592	2,404	1,741	830	617	
Gulu	19,606	3,568	1,331	2,113			
Kitgum	31,879	17,490	7,246	2,392	6,228	1,623	
Kotido	8,606	5,440	93	2,164	3,183		

District	Ag HHs that experienced food shortage	Disaster	Extent of loss of agriculture output			
		Erratic Rains	None	Slight	Moderate	Severe
Lira	69,201	33,756	13,419	5,768	13,988	580
Moroto	8,390					
Moyo	17,230	8,864	1,314	558	3,572	3,420
Nebbi	55,621	21,280	7,190	4,540	4,686	4,864
Nakapiripirit	12,297	7,927				6,177
Pader	42,629	6,987	3,207	1,549	1,501	729
Yumbe	40,751	14,455	7,871	4,039	2,064	481
Abim	8,714	1,429			66	1,363
Amolatar	14,944	7,186	4,807	432	874	1,073
Amuru	26,430	16,102	5,810	3,194	6,017	1,080
Dokolo	25,279	8,119	3,641	1,993	2,337	148
Kaabong	18,853	2,675	844		1,270	411
Koboko	10,558	1,601	489	301	257	554
Nyadri	13,821	13,326	2,663	3,424	5,817	1,422
Oyam	43,415	32,669	3,986	6,359	7,331	14,874
Bundibugyo	8,981	1,068	780		167	
Bushenyi	41,154	14,886	5,486	2,300	3,703	3,199
Hoima	11,736	10,566	1,810	4,172	4,247	
Kabale	42,899	24,217	1,332	7,063	9,361	6,462
Kabarole	26,063	13,841	2,206	1,467	6,200	3,967
Kasese	35,482	15,852	1,761	1,684	7,765	4,641
Kibaale	18,630	8,492	5,140	1,265	1,775	
Kisoro	20,751	17,691	6,361	6,024	4,963	344
Masindi	14,802	5,399	3,580	1,160	273	386
Mbarara	29,611	9,577	2,265	4,316	2,362	635
Ntungamo	36,520	23,429	3,579	2,364	7,494	9,993
Rukungiri	19,778	16,379	8,341	1,749	3,174	3,115
Kamwenge	37,958	5,151	1,181	1,314	2,382	274
Kanungu	27,939	6,900	612	1,823	2,873	1,593
Kyenjojo	36,040	16,323	2,523	5,371	3,694	4,735
Buliisa	3,049	1,769	1,715	54		
Ibanda	28,662	19,265	5,619	4,820	6,750	2,077
Isingiro	42,352	16,256	3,266	4,704	4,172	4,114
Kiruhura	18,496	3,889	171	393	2,648	677

**Table A 6.12: Distribution of Ag HHs that were affected by Insecurity and Extent of Loss of Agricultural Output by district**

District	Ag HHs that experienced food shortage	Disaster				
		Insecurity	Extent of loss of agriculture output			
			None	Slight	Moderate	Severe
Kalangala	216	126				126
Kampala	479	154				
Kiboga	11,233	2,972	2,062	438		
Luwero	10,419		1,416			
Masaka	44,668	2,232	429	1,257	336	210
Mpigi	43,167	9,920	742		8,062	961
Mubende	50,740	18,151	3,849	6,459	3,338	4,505
Mukono	29,616	10,547	6,748	3,398	226	
Nakasongola	7,486	2,312	1,602		631	
Rakai	33,657	17,742	12,063	1,735	1,978	1,869
Ssembabule	18,167	5,950	5,475	413		
Kayunga	18,377	7,553	6,356	477	621	
Wakiso	49,620	20,975	11,018	2,450	3,109	4,397
Lyantonde	8,829	4,199	3,916	138		121
Mityana	16,514	7,118	781	814	1,934	3,588
Nakaseke	8,083	3,110	2,533	307	245	
Bugiri	41,020	2,773	1,134	1,336		
Busia	23,396	5,635	4,712	378	447	
Iganga	40,681	5,815	4,260	750	324	481
Jinja	9,048	2,564	597	817	828	322
Kamuli	38,639	16,886	11,015	4,011	1,450	244
Kapchorwa	11,424	1,625		525	818	261
Katakwi	24,930	16,031	322	2,768	7,360	5,581
Kumi	31,098	7,964	4,218	2,707	1,038	
Mbale	18,936	9,483	4,003	4,153	1,067	259
Pallisa	42,255	2,059	361	722	719	258
Soroti	47,177	9,891	9,629	262		
Tororo	21,993	2,622	936	1,411	166	
Kaberamaido	23,171	4,684	3,391	531	518	244
Mayuge	28,914	12,088	12,000			88
Sironko	35,883	19,173	11,246	3,927	1,650	2,350
Amuria	35,762	11,627	4,054	3,982	722	2,870
Budaka	11,752	7,942	4,069	2,902	971	
Bududa	15,365	4,682	272	665	572	3,173
Bukedea	16,622	5,552	3,141	2,323		
Bukwo	20,177	2,425	1,309	919	198	
Butaleja	8,325	5,531	2,274	850	1,391	1,016
Kaliro	22,893	5,573	2,536	1,479	873	685
Manafwa	31,466	8,226	6,352	1,035	487	352
Namutumba	14,639	5,838	1,086	3,066	657	1,029
Adjumani	14,928	6,587	2,186	1,869	689	1,843
Apac	52,187	12,103	5,386	5,258	850	609
Arua	24,578	3,460	1,834	784	419	423
Gulu	19,606	9,053	659	4,503	1,963	1,928
Kitgum	31,879	21,683	8,024	9,785	3,468	407
Kotido	8,606	6,827		546	1,623	4,612

District	Ag HHs that experienced food shortage	Disaster	Extent of loss of agriculture output			
		<i>Insecurity</i>	<i>None</i>	<i>Slight</i>	<i>Moderate</i>	<i>Severe</i>
Lira	69,201	24,014	11,448	6,234	3,749	2,583
Moroto	8,390	7,116			956	6,160
Moyo	17,230	5,364	1,026	2,897	1,016	
Nebbi	55,621	15,708	9,422	2,551	2,796	939
Nakapiripirit	12,297	10,204	203		1,213	8,789
Pader	42,629	6,296	4,253	859	788	397
Yumbe	40,751	17,779	7,135	3,601	5,695	1,347
Abim	8,714	5,854		1,656	284	3,848
Amolatar	14,944	5,779	5,213	103	197	265
Amuru	26,430	11,521	3,591	1,183	1,670	5,077
Dokolo	25,279	7,905	4,718	718	2,469	
Kaabong	18,853	17,754		3,072	1,259	13,100
Koboko	10,558	1,924	528	1,141	194	
Nyadri	13,821	9,849	4,290	1,975	3,317	266
Oyam	43,415	11,024	8,888	625	607	904
Bundibugyo	8,981	4,619	505	834	1,650	1,629
Bushenyi	41,154	11,635	1,091	2,367	6,468	1,511
Hoima	11,736	12,609	8,714	1,644	1,985	267
Kabale	42,899	9,655	6,873	1,287	925	
Kabarole	26,063	4,190	3,423			767
Kasese	35,482	14,561	6,010	5,142	1,632	1,777
Kibaale	18,630	7,702	5,464	1,131	953	
Kisoro	20,751	9,794	5,405	4,118	271	
Masindi	14,802	5,697	4,039	720	556	381
Mbarara	29,611	3,415	381	2,571	340	
Ntungamo	36,520	27,234	1,474	2,472	15,013	8,276
Rukungiri	19,778	8,450	8,341			
Kamwenge	37,958	3,842	1,750	330	1,241	520
Kanungu	27,939	3,413	1,467	1,369	500	
Kyenjojo	36,040	7,065	5,365	262	570	868
Buliisa	3,049	2,114	1,829	76	93	116
Ibanda	28,662	16,372	6,182	4,276	4,996	917
Isingiro	42,352	11,807	7,620	2,375	1,676	
Kiruhura	18,496	3,225	252	2,631	181	

**Table A7.1: Ag HHs that practiced Other Economic Production Activities by district**

District	All holdings	Households practicing other econ activities		Std error	C.I (95%)		CV
		Number	% in district		Lower	Upper	
Kalangala	2,623	709	27.0	321	80	1,338	45.2
Kampala	25,464	2,093	8.2	494	1,125	3,061	23.6
Kiboga	34,727	7,464	21.5	1,090	5,326	9,602	14.6
Luwero	31,967	8,413	26.3	1,058	6,338	10,488	12.6
Masaka	86,820	21,441	24.7	4,002	13,594	29,288	18.7
Mpigi	70,399	14,847	21.1	2,353	10,232	19,462	15.9
Mubende	70,066	21,185	30.2	2,897	15,505	26,865	13.7
Mukono	94,070	32,631	34.7	4,139	24,514	40,748	12.7
Nakasongola	12,971	2,244	17.3	440	1,381	3,108	19.6
Rakai	58,994	7,944	13.5	1,379	5,240	10,648	17.4
Ssembabule	31,708	4,836	15.3	645	3,570	6,101	13.3
Kayunga	45,964	13,868	30.2	1,881	10,180	17,557	13.6
Wakiso	78,530	24,686	31.4	4,216	16,418	32,953	17.1
Lyantonde	9,313	2,307	24.8	360	1,601	3,012	15.6
Mityana	45,306	14,231	31.4	1,817	10,669	17,794	12.8
Nakaseke	16,564	4,018	24.3	467	3,102	4,934	11.6
Bugiri	71,228	27,627	38.8	4,048	19,688	35,565	14.7
Busia	38,126	11,052	29.0	1,390	8,326	13,778	12.6
Iganga	87,916	36,377	41.4	3,794	26,951	41,831	10.4
Jinja	43,160	11,427	26.5	1,215	9,044	13,811	10.6
Kamuli	95,146	21,947	23.1	2,367	17,306	26,588	10.8
Kapchorwa	22,547	1,575	7.0	284	1,019	2,131	18.0
Katakwi	25,716	6,730	26.2	1,026	4,228	8,250	15.2
Kumi	43,075	17,154	39.8	1,764	13,694	20,615	10.3
Mbale	50,494	11,353	22.5	2,665	6,127	16,579	23.5
Pallisa	69,059	23,833	34.5	2,286	19,350	28,317	9.6
Soroti	72,710	38,252	52.6	3,968	30,471	46,033	10.4
Tororo	66,059	17,228	26.1	2,264	12,789	21,668	13.1
Kaberamaido	26,323	12,922	49.1	1,149	10,670	15,174	8.9
Mayuge	46,012	13,955	30.3	1,519	10,976	16,934	10.9
Sironko	50,653	14,355	28.3	1,853	10,722	17,989	12.9
Amuria	37,228	20,922	56.2	1,525	17,931	23,913	7.3
Budaka	26,297	9,727	37.0	847	8,066	11,388	8.7
Bududa	18,724	3,908	20.9	436	3,052	4,763	11.2
Bukedea	26,154	8,878	33.9	1,371	6,190	11,565	15.4
Bukwo	22,164	6,769	30.5	1,156	4,502	9,036	17.1
Butaleja	29,345	6,829	23.3	1,095	4,682	8,976	16.0
Kaliro	28,600	9,893	34.6	1,207	7,526	12,260	12.2
Manafwa	44,167	11,559	26.2	1,601	8,419	14,699	13.9
Namutumba	28,982	7,954	27.4	1,371	5,265	10,643	17.2
Adjumani	22,292	6,699	30.1	1,021	4,696	8,702	15.2
Apac	69,996	21,849	31.2	2,694	16,565	27,133	12.3
Arua	53,910	20,411	37.9	2,326	15,849	24,973	11.4
Gulu	34,047	15,184	44.6	2,203	10,864	19,504	14.5
Kitgum	39,347	11,041	28.1	1,317	8,458	13,625	11.9
Kotido	19,311	902	4.7	532	-141	1,944	59.0
Lira	85,968	19,044	22.2	2,720	13,711	24,378	14.3
Moroto	13,942	7,009	50.3	1,278	4,503	9,516	18.2
Moyo	20,188	8,797	43.6	1,061	6,717	10,878	12.1
Nebbi	71,133	16,824	23.7	1,574	13,738	19,911	9.4
Nakapiripirit	25,873	8,362	32.3	3,434	1,627	15,097	41.1
Pader	50,951	31,756	62.3	2,650	26,560	36,953	8.3
Yumbe	42,913	7,785	18.1	1,034	5,757	9,812	13.3
Abim	8,810	2,218	25.2	621	1,000	3,437	28.0
Amolatar	16,712	5,125	30.7	962	3,238	7,011	18.8
Amuru	35,614	8,942	25.1	1,386	6,139	11,574	15.5
Dokolo	26,370	10,443	39.6	1,328	7,838	13,047	12.7
Kaabong	19,657	6,879	35.0	1,492	3,953	9,804	21.7
Koboko	23,141	10,875	47.0	5,257	566	21,183	48.3
Nyadri	24,595	11,659	47.4	1,483	8,750	14,568	12.7
Oyam	50,931	19,200	37.7	2,213	14,859	23,540	11.5

District	All holdings	Households practicing other econ activities		Std error	C.I (95%)		CV
		Number	% in district		Lower	Upper	
Bundibugyo	20,158	6,324	31.4	1,293	3,788	8,860	20.4
Bushenyi	101,429	26,547	26.2	3,000	20,663	32,431	11.3
Hoima	50,684	21,491	42.4	3,675	14,284	28,699	17.1
Kabale	82,386	23,925	29.0	3,193	17,664	30,185	13.3
Kabarole	72,186	17,563	24.3	2,178	12,734	21,277	12.4
Kasese	83,848	19,290	23.0	2,423	14,539	24,041	12.6
Kibaale	73,311	20,591	28.1	2,737	15,224	25,957	13.3
Kisoro	50,215	13,452	26.8	1,846	9,832	17,072	13.7
Masindi	45,282	10,400	23.0	2,120	6,243	14,557	20.4
Mbarara	52,618	14,107	26.8	2,004	10,178	18,036	14.2
Ntungamo	58,761	9,234	15.7	1,392	6,504	11,963	15.1
Rukungiri	49,847	19,296	38.7	1,802	15,762	22,830	9.3
Kamwenge	52,013	17,428	33.5	1,955	13,049	20,717	11.2
Kanungu	38,230	12,044	31.5	1,368	9,361	14,727	11.4
Kyenjojo	74,469	22,595	30.3	2,282	18,120	27,070	10.1
Buliisa	8,223	1,848	22.5	476	914	2,781	25.8
Ibanda	34,150	12,563	36.8	965	10,672	14,455	7.7
Isingiro	55,535	9,797	17.6	1,538	6,781	12,814	15.7
Kiruhura	30,646	2,393	7.8	520	1,373	3,413	21.7
<b>National</b>	<b>3,575,063</b>	<b>1,067,035</b>					

**Table A7.2. Ag HHs that undertook Other Agricultural Production Activities by Type of Ag HH Member and District**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709			11	1.6	13	1.8
Kampala	2,093	253	12.1	254	12.1	51	2.4
Kiboga	7,464	2,014	27.0	1,387	18.6	400	5.4
Luwero	8,413	1,172	13.9	906	10.8	51	0.6
Masaka	21,441	7,653	35.7	8,455	39.4	1,845	8.6
Mpigi	14,847	4,322	29.1	4,411	29.7		
Mubende	21,185	7,132	33.7	6,761	31.9	1,094	5.2
Mukono	32,631	3,058	9.4	3,000	9.2	231	0.7
Nakasongola	2,244	479	21.4	320	14.3	26	1.1
Rakai	7,944	865	10.9	764	9.6	320	4.0
Ssembabule	4,836	1,003	20.7	704	14.6		
Kayunga	13,868	1,383	10.0	1,653	11.9	198	1.4
Wakiso	24,686	6,828	27.7	7,432	30.1	169	0.7
Lyantonde	2,307	198	8.6	193	8.3	127	5.5
Mityana	14,231	5,355	37.6	3,693	25.9	411	2.9
Nakaseke	4,018	674	16.8	194	4.8		
Bugiri	27,627	1,848	6.7	787	2.9	68	0.2
Busia	11,052	2,061	18.6	1,532	13.9		
Iganga	36,377	18,316	50.4	6,000	16.5	962	2.6
Jinja	11,427	801	7.0	1,055	9.2	57	0.5
Kamuli	21,947	4,419	20.1	282	1.3		
Kapchorwa	1,575	256	16.3	185	11.7	112	7.1
Katakwi	6,730	1,649	24.5	2,184	32.5		
Kumi	17,154	9,352	54.5	7,421	43.3	2,929	17.1
Mbale	11,353	6,506	57.3	4,907	43.2	1,284	11.3
Pallisa	23,833	4,055	17.0	3,695	15.5	550	2.3
Soroti	38,252	9,435	24.7	9,719	25.4	3,143	8.2
Tororo	17,228	3,753	21.8	5,477	31.8	1,125	6.5
Kaberamaido	12,922	3,583	27.7	1,734	13.4	892	6.9
Mayuge	13,955	1,722	12.3	1,901	13.6	545	3.9
Sironko	14,355	4,442	30.9	1,980	13.8	560	3.9
Amuria	20,922	3,190	15.2	2,069	9.9	241	1.2
Budaka	9,727	617	6.3	542	5.6	79	0.8
Bududa	3,908	227	5.8	80	2.1		
Bukedea	8,878	2,310	26.0	1,657	18.7	576	6.5
Bukwo	6,769	2,072	30.6	70	1.0	92	1.4
Butaleja	6,829	3,692	54.1	2,132	31.2	243	3.6
Kaliro	9,893	1,791	18.1	995	10.1	318	3.2
Manafwa	11,559	5,799	50.2	4,999	43.2	1,879	16.3
Namutumba	7,954	2,809	35.3	1,704	21.4	1,342	16.9
Adjumani	6,699	833	12.4	1,029	15.4	88	1.3
Apac	21,849	6,861	31.4	5,201	23.8	1,677	7.7
Arua	20,411	9,994	49.0	5,892	28.9	895	4.4
Gulu	15,184	7,437	49.0	5,411	35.6	2,114	13.9
Kitgum	11,041	3,321	30.1	1,923	17.4	301	2.7
Kotido	902			46	5.1		
Lira	19,044	2,837	14.9	1,815	9.5	202	1.1



District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Moroto	7,009	2,868	40.9	3,823	54.5	1,699	24.2
Moyo	8,797	834	9.5	1,053	12.0	331	3.8
Nebbi	16,824	5,655	33.6	4,033	24.0	623	3.7
Nakapiripi-t	8,362	7,113	85.1	1,088	13.0	307	3.7
Pader	31,756	4,712	14.8	3,243	10.2	725	2.3
Yumbe	7,785	3,186	40.9	1,794	23.1	198	2.5
Abim	2,218	1,722	77.6	1,733	78.1	1,569	70.7
Amolatar	5,125	685	13.4	1,396	27.3	47	0.9
Amuru	8,942	2,095	23.4	1,582	17.7	1,369	15.3
Dokolo	10,443	4,775	45.7	4,947	47.4	2,441	23.4
Kaabong	6,879	3,112	45.2	1,363	19.8	134	1.9
Koboko	10,875	1,599	14.7	177	1.6		
Nyadri	11,659	4,732	40.6	3,864	33.1	700	6.0
Oyam	19,200	3,537	18.4	2,296	12.0	941	4.9
Bundibugyo	6,324	895	14.1	397	6.3		
Bushenyi	26,547	7,043	26.5	795	3.0	417	1.6
Hoima	21,491	4,629	21.5	2,944	13.7	925	4.3
Kabale	23,925	7,514	31.4	9,054	37.8	921	3.8
Kabarole	17,563	2,154	12.3	1,075	6.1	407	2.3
Kasese	19,290	6,769	35.1	7,187	37.3	678	3.5
Kibaale	20,591	4,581	22.3	3,455	16.8	568	2.8
Kisoro	13,452	3,063	22.8	3,610	26.8	904	6.7
Masindi	10,400	1,733	16.7	1,271	12.2		
Mbarara	14,107	2,220	15.7	320	2.3	106	0.7
Ntungamo	9,234	3,230	35.0	2,016	21.8	752	8.1
Rukungiri	19,296	1,274	6.6	304	1.6		
Kamwenge	17,428	7,358	42.2	4,980	28.6	1,307	7.5
Kanungu	12,044	4,656	38.7	3,550	29.5	950	7.9
Kyenjojo	22,595	8,082	35.8	5,940	26.3	1,300	5.8
Buliisa	1,848	928	50.2	997	53.9	252	13.7
Ibanda	12,563	2,135	17.0	1,571	12.5		
Isingiro	9,797	4,230	43.2	3,619	36.9	1,424	14.5
Kiruhura	2,393	253	10.6	172	7.2		
<b>UGANDA</b>	<b>1,067,035</b>	<b>287,750</b>		<b>210,213</b>		<b>49,206</b>	

**Table A7.3. Ag HHs whose member(s) provided Agricultural Services by Category of Ag HH Member and District**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709						
Kampala	2,093			51	2.4		
Kiboga	7,464	1,074	14.4	663	8.9		
Luwero	8,413	190	2.3	18	0.2	18	0.2
Masaka	21,441	465	2.2	603	2.8	200	0.9
Mpigi	14,847	1,064	7.2	1,529	10.3		
Mubende	21,185	2,189	10.3	1,075	5.1	359	1.7
Mukono	32,631	815	2.5	612	1.9		
Nakasongola	2,244	181	8.0	59	2.6		
Rakai	7,944	224	2.8	224	2.8	603	7.6
Ssembabule	4,836	718	14.9	459	9.5		
Kayunga	13,868	969	7.0	697	5.0	250	1.8
Wakiso	24,686	1,493	6.0	1,715	6.9	103	0.4
Lyantonde	2,307	46	2.0	46	2.0	46	2.0
Mityana	14,231	1,046	7.3	351	2.5	111	0.8
Nakaseke	4,018	154	3.8	51	1.3		
Bugiri	27,627	1,813	6.6	676	2.4	80	0.3
Busia	11,052	477	4.3	599	5.4		
Iganga	36,377	3,484	9.6	1,798	4.9	785	2.2
Jinja	11,427	1,158	10.1	361	3.2		
Kamuli	21,947	1,055	4.8				
Kapchorwa	1,575	147	9.3	147	9.3	147	9.3
Katakwi	6,730	1,463	21.7	1,406	20.9	178	2.6
Kumi	17,154	572	3.3	151	0.9	204	1.2
Mbale	11,353	297	2.6	79	0.7		
Pallisa	23,833	2,187	9.2	1,473	6.2	538	2.3
Soroti	38,252	2,015	5.3	1,862	4.9	799	2.1
Tororo	17,228	1,204	7.0	1,336	7.8	256	1.5
Kaberamaido	12,922	626	4.8	209	1.6	211	1.6
Mayuge	13,955	102	0.7	372	2.7	199	1.4
Sironko	14,355	2,344	16.3	1,233	8.6	172	1.2
Amuria	20,922	806	3.9	1,007	4.8	272	1.3
Budaka	9,727	140	1.4	71	0.7		
Bududa	3,908	46	1.2				
Bukedea	8,878	1,904	21.4	1,817	20.5	798	9.0
Bukwo	6,769	276	4.1	547	8.1		
Butaleja	6,829	1,052	15.4	613	9.0	96	1.4
Kaliro	9,893	1,412	14.3	383	3.9		
Manafwa	11,559	463	4.0	53	0.5		
Namutumba	7,954	317	4.0	361	4.5		
Adjumani	6,699	88	1.3				
Apac	21,849	1,976	9.0	1,758	8.0	978	4.5
Arua	20,411	1,735	8.5	592	2.9		
Gulu	15,184	1,231	8.1	484	3.2	224	1.5

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kitgum	11,041	2,910	26.4	1,804	16.3	961	8.7
Kotido	902	578	64.1	696	77.2	235	26.0
Lira	19,044	2,432	12.8	1,426	7.5	445	2.3
Moroto	7,009	1,593	22.7	1,699	24.2	212	3.0
Moyo	8,797	226	2.6	171	1.9		
Nebbi	16,824	1,028	6.1	1,284	7.6		
Nakapiripi-t	8,362	92	1.1	858	10.3		
Pader	31,756	421	1.3	239	0.8	106	0.3
Yumbe	7,785	886	11.4	428	5.5	68	0.9
Abim	2,218	1,366	61.6	1,151	51.9	1,006	45.3
Amolatar	5,125	166	3.2	359	7.0		
Amuru	8,942	515	5.8	460	5.1		
Dokolo	10,443	555	5.3	742	7.1	81	0.8
Kaabong	6,879	1,193	17.3	3,021	43.9	418	6.1
Koboko	10,875	1,129	10.4	117	1.1		
Nyadri	11,659	397	3.4	74	0.6		
Oyam	19,200	1,010	5.3	323	1.7	241	1.3
Bundibugyo	6,324	176	2.8	215	3.4		
Bushenyi	26,547	945	3.6	3,507	13.2		
Hoima	21,491	2,006	9.3	540	2.5	208	1.0
Kabale	23,925	5,353	22.4	6,819	28.5	1,664	7.0
Kabarole	17,563	976	5.6	477	2.7		
Kasese	19,290	1,086	5.6	746	3.9	130	0.7
Kibaale	20,591	918	4.5	694	3.4	496	2.4
Kisoro	13,452	215	1.6	387	2.9	97	0.7
Masindi	10,400	896	8.6				
Mbarara	14,107	1,155	8.2	623	4.4	270	1.9
Ntungamo	9,234	2,463	26.7	2,613	28.3	375	4.1
Rukungiri	19,296	274	1.4	155	0.8		
Kamwenge	17,428	1,511	8.7	879	5.0		
Kanungu	12,044	995	8.3	874	7.3	187	1.6
Kyenjojo	22,595	3,170	14.0	2,649	11.7	1,867	8.3
Buliisa	1,848	220	11.9	226	12.3	161	8.7
Ibanda	12,563	625	5.0	1,087	8.6		
Isingiro	9,797	2,762	28.2	2,772	28.3	832	8.5
Kiruhura	2,393	116	4.8	116	4.8		
<b>UGANDA</b>	<b>1,067,035</b>	<b>83,380</b>		<b>67,771</b>		<b>17,691</b>	

**Table A7.4. Ag HHs whose member(s) undertook Hunting, Trapping, Game Propagation and Related Service Activities by Category of Member and District**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709						
Kampala	2,093						
Kiboga	7,464	2,816	37.7	225	3.0	4896	6.6
Luwero	8,413	269	3.2				
Masaka	21,441	163	0.8				
Mpigi	14,847						
Mubende	21,185	1,022	4.8				
Mukono	32,631	502	1.5				
Nakasongola	2,244	139	6.2				
Rakai	7,944						
Ssembabule	4,836	108	2.2				
Kayunga	13,868	456	3.3				
Wakiso	24,686	718	2.9	103	0.4	492	2.0
Lyantonde	2,307	69	3.0				
Mityana	14,231	972	6.8				
Nakaseke	4,018	347	8.6				
Bugiri	27,627	176	0.6				
Busia	11,052	988	8.9	290	2.6	522	4.7
Iganga	36,377	169	0.5				
Jinja	11,427	735	6.4				
Kamuli	21,947	265	1.2				
Kapchorwa	1,575	57	3.6				
Katakwi	6,730	291	4.3			45	0.7
Kumi	17,154	669	3.9			204	1.2
Mbale	11,353						
Pallisa	23,833	251	1.1				
Soroti	38,252	1,275	3.3			772	2.0
Tororo	17,228	1,540	8.9			443	2.6
Kaberamaido	12,922	1,799	13.9			1,715	13.3
Mayuge	13,955	642	4.6	99	0.7	82	0.6
Sironko	14,355	183	1.3				
Amuria	20,922	2,467	11.8			1,342	6.4
Budaka	9,727	72	0.7	72	0.7		
Bududa	3,908						
Bukedea	8,878	1,685	19.0	275	3.1	200	2.3
Bukwo	6,769	377	5.6				
Butaleja	6,829	667	9.8	193	2.8		
Kaliro	9,893	173	1.8				
Manafwa	11,559	161	1.4	157	1.4		
Namutumba	7,954	203	2.6				
Adjumani	6,699	337	5.0			110	1.6
Apac	21,849	3,973	18.2	475	2.2	1,436	6.6
Arua	20,411	4,233	20.7			878	4.3

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Gulu	15,184	3,650	24.0	183	1.2	2,171	14.3
Kitgum	11,041	3,386	30.7	512	4.6	619	5.6
Kotido	902	35	3.9	35	3.9	35	3.9
Lira	19,044	815	4.3			163	0.9
Moroto	7,009	2,761	39.4	212	3.0	956	13.6
Moyo	8,797	710	8.1			252	2.9
Nebbi	16,824						
Nakapiripi-t	8,362	1,024	12.2				
Pader	31,756	13,825	43.5	1,142	3.6	1,092	3.4
Yumbe	7,785	487	6.3			119	1.5
Abim	2,218	1,278	57.6	117	5.3	289	13.0
Amolatar	5,125	393	7.7	166	3.2		
Amuru	8,942	3,798	42.5	1,750	19.6	2,248	25.1
Dokolo	10,443	413	4.0			144	1.4
Kaabong	6,879	1,870	27.2	712	10.4	4,183	60.8
Koboko	10,875	86	0.8				
Nyadri	11,659	1,141	9.8			575	4.9
Oyam	19,200	3,669	19.1			317	1.7
Bundibugyo	6,324	178	2.8				
Bushenyi	26,547	540	2.0			4,058	15.3
Hoima	21,491	2,903	13.5	73	0.3	140	0.7
Kabale	23,925	159	0.7	159	0.7		
Kabarole	17,563	224	1.3				
Kasese	19,290	2,074	10.8	42	0.2	255	1.3
Kibaale	20,591	1,111	5.4			106	0.5
Kisoro	13,452			97	0.7		
Masindi	10,400	255	2.4				
Mbarara	14,107			213	1.5		
Ntungamo	9,234	1,245	13.5	85	0.9	476	5.2
Rukungiri	19,296						
Kamwenge	17,428	112	0.6				
Kanungu	12,044						
Kyenjojo	22,595	503	2.2	140	0.6	351	1.6
Buliisa	1,848	78	4.2				
Ibanda	12,563	277	2.2				
Isingiro	9,797	116	1.2				
Kiruhura	2,393	172	7.2				
<b>UGANDA</b>	<b>1,067,035</b>	<b>80,261</b>		<b>7,526</b>		<b>27,286</b>	

**Table A7.5. Number of holdings by Forestry, logging and related activities by type of household member by district**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709	6	0.8				
Kampala	2,093						
Kiboga	7,464						
Luwero	8,413	328	3.9				
Masaka	21,441	116	0.5				
Mpigi	14,847	1,982	13.3	251	1.7		
Mubende	21,185	1,030	4.9				
Mukono	32,631	819	2.5			157	0.5
Nakasongola	2,244	489	21.8	211	9.4	135	6.0
Rakai	7,944						
Ssembabule	4,836	130	2.7				
Kayunga	13,868	1,258	9.1				
Wakiso	24,686	523	2.1	198	0.8		
Lyantonde	2,307	73	3.2				
Mityana	14,231	94	0.7				
Nakaseke	4,018	77	1.9				
Bugiri	27,627	154	0.6				
Busia	11,052	678	6.1				
Iganga	36,377	681	1.9				
Jinja	11,427	266	2.3				
Kamuli	21,947	858	3.9	101	0.5		
Kapchorwa	1,575	154	9.8			73	4.7
Katakwi	6,730	285	4.2				
Kumi	17,154	517	3.0	311	1.8	210	1.2
Mbale	11,353						
Pallisa	23,833	131	0.6				
Soroti	38,252	239	0.6	104	0.3		
Tororo	17,228	107	0.6				
Kaberamaido	12,922	427	3.3				
Mayuge	13,955	407	2.9	27	0.2		
Sironko	14,355	672	4.7				
Amuria	20,922	650	3.1	89	0.4		
Budaka	9,727			73	0.8		
Bududa	3,908	533	13.7	37	0.9		
Bukedea	8,878	95	1.1	89	1.0		
Bukwo	6,769	218	3.2				
Butaleja	6,829			96	1.4		
Kaliro	9,893	271	2.7				
Manafwa	11,559	115	1.0	84	0.7		
Namutumba	7,954	450	5.7	56	0.7		
Adjumani	6,699	521	7.8	219	3.3	110	1.6
Apac	21,849	797	3.6	544	2.5	169	0.8
Arua	20,411	778	3.8	130	0.6		
Gulu	15,184	3,908	25.7	3,686	24.3	874	5.8

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kitgum	11,041	273	2.5	672	6.1	120	1.1
Kotido	902						
Lira	19,044	169	0.9				
Moroto	7,009	212	3.0	531	7.6	106	1.5
Moyo	8,797	670	7.6	785	8.9		
Nebbi	16,824	791	4.7	175	1.0	175	1.0
Nakapiripi-t	8,362	33	0.4				
Pader	31,756	252	0.8				
Yumbe	7,785	663	8.5	119	1.5		
Abim	2,218	94	4.2	375	16.9	47	2.1
Amolatar	5,125	244	4.8				
Amuru	8,942	496	5.6	92	1.0		
Dokolo	10,443	477	4.6				
Kaabong	6,879	615	8.9	965	14.0	54	0.8
Koboko	10,875	215	2.0	203	1.9		
Nyadri	11,659	570	4.9	997	8.6	429	3.7
Oyam	19,200	2,360	12.3	823	4.3	573	3.0
Bundibugyo	6,324	250	4.0				
Bushenyi	26,547	669	2.5	201	0.8		
Hoima	21,491	267	1.2				
Kabale	23,925	823	3.4	165	0.7		
Kabarole	17,563	115	0.7				
Kasese	19,290	2,001	10.4	770	4.0		
Kibaale	20,591	702	3.4	560	2.7	295	1.4
Kisoro	13,452	1,044	7.8	111	0.8		
Masindi	10,400	554	5.3				
Mbarara	14,107	169	1.2				
Ntungamo	9,234	484	5.2	187	2.0	85	0.9
Rukungiri	19,296	409	2.1				
Kamwenge	17,428	810	4.6				
Kanungu	12,044	1,579	13.1				
Kyenjojo	22,595	601	2.7			106	0.5
Buliisa	1,848	114	6.2				
Ibanda	12,563	591	4.7			94	0.7
Isingiro	9,797						
Kiruhura	2,393	91	3.8	91	3.8		
<b>UGANDA</b>	<b>1,067,035</b>	<b>40,246</b>		<b>14,127</b>		<b>3,812</b>	

**Table A7.6. Ag HHs whose members undertook Fishing, Aquaculture and related Service activities by Category of Ag HH Member by district**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709	449	63.3	47	6.6	21	3.0
Kampala	2,093						
Kiboga	7,464	74	1.0				
Luwero	8,413	117	1.4				
Masaka	21,441	1,739	8.1	832	3.9		
Mpigi	14,847					139	0.9
Mubende	21,185			200	0.9		
Mukono	32,631	1,724	5.3				
Nakasongola	2,244	621	27.7	287	12.8	64	2.8
Rakai	7,944						
Ssembabule	4,836						
Kayunga	13,868	841	6.1				
Wakiso	24,686	657	2.7				
Lyantonde	2,307						
Mityana	14,231						
Nakaseke	4,018						
Bugiri	27,627	3,906	14.1			42	0.2
Busia	11,052	1,246	11.3				
Iganga	36,377	124	0.3				
Jinja	11,427	362	3.2				
Kamuli	21,947	2,825	12.9				
Kapchorwa	1,575						
Katakwi	6,730	1,362	20.2	307	4.6		
Kumi	17,154	2,378	13.9	795	4.6	404	2.4
Mbale	11,353						
Pallisa	23,833	1,480	6.2			122	0.5
Soroti	38,252	1,599	4.2	858	2.2	872	2.3
Tororo	17,228	1,854	10.8	3,010	17.5	2,935	17.0
Kaberamaido	12,922	2,481	19.2	287	2.2	640	5.0
Mayuge	13,955	1,342	9.6	27	0.2	82	0.6
Sironko	14,355						
Amuria	20,922	810	3.9	964	4.6	177	0.8
Budaka	9,727						
Bududa	3,908	58	1.5	58	1.5	58	1.5
Bukedea	8,878	3,504	39.5	3,359	37.8	3,000	33.8
Bukwo	6,769						
Butaleja	6,829			96	1.4		
Kaliro	9,893	1,196	12.1			143	1.4
Manafwa	11,559						
Namutumba	7,954	75	0.9			75	0.9
Adjumani	6,699	2,419	36.1	744	11.1	68	1.0
Apac	21,849	2,989	13.7	154	0.7	429	2.0
Arua	20,411	2,383	11.7			105	0.5
Gulu	15,184	140	0.9	183	1.2	164	1.1



District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kitgum	11,041	102	0.9	1,921	17.4		
Kotido	902						
Lira	19,044	169	0.9				
Moroto	7,009						
Moyo	8,797	2,537	28.8	496	5.6	143	1.6
Nebbi	16,824	491	2.9	394	2.3		
Nakapiripi-t	8,362						
Pader	31,756			669	2.1	200	0.6
Yumbe	7,785						
Abim	2,218	234	10.5	211	9.5	125	5.6
Amolatar	5,125	2,631	51.3	662	12.9	67	1.3
Amuru	8,942	429	4.8			355	4.0
Dokolo	10,443	1,133	10.9	242	2.3	479	4.6
Kaabong	6,879	809	11.8	122	1.8		
Koboko	10,875	180	1.7				
Nyadri	11,659	571	4.9	1,626	13.9	672	5.8
Oyam	19,200	2,173	11.3	406	2.1	374	1.9
Bundibugyo	6,324	58	0.9				
Bushenyi	26,547	533	2.0				
Hoima	21,491	93	0.4				
Kabale	23,925	130	0.5	152	0.6	152	0.6
Kabarole	17,563	164	0.9			613	3.5
Kasese	19,290	153	0.8	222	1.2		
Kibaale	20,591	676	3.3				
Kisoro	13,452						
Masindi	10,400						
Mbarara	14,107	192	1.4				
Ntungamo	9,234	762	8.2	692	7.5	414	4.5
Rukungiri	19,296						
Kamwenge	17,428	843	4.8				
Kanungu	12,044	118	1.0				
Kyenjojo	22,595	125	0.6				
Buliisa	1,848	542	29.3	56	3.0		
Ibanda	12,563						
Isingiro	9,797						
Kiruhura	2,393	81	3.4				
<b>UGANDA</b>	<b>1,067,035</b>	<b>56,687</b>		<b>20,079</b>		<b>13,135</b>	

**Table A7.7: Ag HHs whose member s undertook Manufacturing by Category of Ag HH Member by district**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709						
Kampala	2,093	101	4.8	50	2.4		
Kiboga	7,464	170	2.3	74	1.0		
Luwero	8,413	477	5.7	154	1.8		
Masaka	21,441	142	0.7				
Mpigi	14,847	148	1.0	441	3.0		
Mubende	21,185	665	3.1				
Mukono	32,631	765	2.3	497	1.5	24	0.1
Nakasongola	2,244			79	3.5		
Rakai	7,944	819	10.3	834	10.5		
Ssembabule	4,836						
Kayunga	13,868	655	4.7				
Wakiso	24,686	3,423	13.9	1,437	5.8	405	1.6
Lyantonde	2,307						
Mityana	14,231	98	0.7	179	1.3		
Nakaseke	4,018	53	1.3	77	1.9		
Bugiri	27,627	607	2.2	106	0.4	42	0.2
Busia	11,052	505	4.6	83	0.7		
Iganga	36,377	997	2.7	331	0.9		
Jinja	11,427	1,093	9.6	135	1.2		
Kamuli	21,947	2,038	9.3				
Kapchorwa	1,575						
Katakwi	6,730			1,171	17.4		
Kumi	17,154	961	5.6	707	4.1	446	2.6
Mbale	11,353	452	4.0	100	0.9	256	2.3
Pallisa	23,833	714	3.0	573	2.4		
Soroti	38,252	5,052	13.2	6,896	18.0	1,437	3.8
Tororo	17,228	970	5.6	584	3.4	114	0.7
Kaberamaido	12,922	428	3.3	558	4.3	71	0.6
Mayuge	13,955	289	2.1	56	0.4		
Sironko	14,355						
Amuria	20,922	4,071	19.5	3,917	18.7	302	1.4
Budaka	9,727	1,431	14.7			433	4.4
Bududa	3,908	64	1.6				
Bukedea	8,878						
Bukwo	6,769	593	8.8	149	2.2		
Butaleja	6,829	290	4.2	96	1.4		
Kaliro	9,893	654	6.6	75	0.8		
Manafwa	11,559	161	1.4				
Namutumba	7,954	102	1.3				
Adjumani	6,699						
Apac	21,849	957	4.4	1,456	6.7	287	1.3
Arua	20,411					192	0.9

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Gulu	15,184	630	4.2	409	2.7		
Kitgum	11,041	484	4.4	292	2.6		
Kotido	902						
Lira	19,044	4,051	21.3	163	0.9	388	2.0
Moroto	7,009						
Moyo	8,797	206	2.3	637	7.2		
Nebbi	16,824	1,220	7.3				
Nakapiripi-t	8,362	11	0.1	11	0.1		
Pader	31,756						
Yumbe	7,785	152	1.9	79	1.0		
Abim	2,218	134	6.0	440	19.8	94	4.2
Amolatar	5,125	103	2.0	368	7.2		
Amuru	8,942	954	10.7	296	3.3	93	1.0
Dokolo	10,443	1,138	10.9	490	4.7	231	2.2
Kaabong	6,879	1,024	14.9	168	2.4		
Koboko	10,875	336	3.1	242	2.2		
Nyadri	11,659			118	1.0		
Oyam	19,200	2,040	10.6	1,246	6.5	130	0.7
Bundibugyo	6,324	104	1.6				
Bushenyi	26,547	219	0.8				
Hoima	21,491	1,043	4.9				
Kabale	23,925	896	3.7				
Kabarole	17,563	985	5.6	115	0.7	115	0.7
Kasese	19,290	386	2.0	180	0.9		
Kibaale	20,591	1,400	6.8	169	0.8		
Kisoro	13,452	2,867	21.3	2,856	21.2	996	7.4
Masindi	10,400						
Mbarara	14,107	1,228	8.7				
Ntungamo	9,234	463	5.0	62	0.7	66	0.7
Rukungiri	19,296	1,198	6.2			100	0.5
Kamwenge	17,428	211	1.2	216	1.2		
Kanungu	12,044			86	0.7		
Kyenjojo	22,595	511	2.3	116	0.5		
Buliisa	1,848	114	6.2	4	0.2	38	2.0
Ibanda	12,563	312	2.5	172	1.4	83	0.7
Isingiro	9,797	602	6.1	532	5.4	51	0.5
Kiruhura	2,393						
<b>UGANDA</b>	<b>1,067,035</b>	<b>54,966</b>		<b>30,281</b>		<b>6,393</b>	

**Table A7.8. Ag HHs whose members undertook Wholesale and Retail Trade by Category of Ag HH Member and district**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709	16	2.3	75	10.5		
Kampala	2,093	867	41.4	799	38.2		
Kiboga	7,464	1,340	18.0	1,606	21.5	275	3.7
Luwero	8,413	2,964	35.2	953	11.3		
Masaka	21,441	7,437	34.7	3,522	16.4		
Mpigi	14,847	1,278	8.6	2,732	18.4		
Mubende	21,185	6,629	31.3	2,221	10.5	180	0.8
Mukono	32,631	6,901	21.1	4,697	14.4	261	0.8
Nakasongola	2,244	178	7.9	310	13.8		
Rakai	7,944	1,250	15.7	1,224	15.4		
Ssembabule	4,836	1,252	25.9	1,140	23.6	78	1.6
Kayunga	13,868	2,760	19.9	641	4.6	223	1.6
Wakiso	24,686	3,024	12.2	4,159	16.8	481	1.9
Lyantonde	2,307	669	29.0	222	9.6	120	5.2
Mityana	14,231	3,149	22.1	1,712	12.0	84	0.6
Nakaseke	4,018	479	11.9	693	17.3		
Bugiri	27,627	9,206	33.3	1,634	5.9	186	0.7
Busia	11,052	2,917	26.4	1,579	14.3		
Iganga	36,377	3,371	9.3	1,051	2.9		
Jinja	11,427	3,217	28.2	1,629	14.3	113	1.0
Kamuli	21,947	4,706	21.4	620	2.8		
Kapchorwa	1,575	460	29.2	247	15.7		
Katakwi	6,730	699	10.4				
Kumi	17,154	2,998	17.5	1,654	9.6	288	1.7
Mbale	11,353	6,344	55.9	4,792	42.2	382	3.4
Pallisa	23,833	6,472	27.2	1,482	6.2	758	3.2
Soroti	38,252	6,269	16.4	3,681	9.6	279	0.7
Tororo	17,228	6,690	38.8	1,804	10.5	133	0.8
Kaberamaido	12,922	1,005	7.8	626	4.8		
Mayuge	13,955	4,076	29.2	1,066	7.6	98	0.7
Sironko	14,355	4,260	29.7	810	5.6	182	1.3
Amuria	20,922	4,948	23.6	6,031	28.8	2,147	10.3
Budaka	9,727	3,461	35.6	500	5.1	270	2.8
Bududa	3,908	1,173	30.0	646	16.5		
Bukedea	8,878	1,163	13.1	545	6.1	72	0.8
Bukwo	6,769	2,223	32.8	1,422	21.0		
Butaleja	6,829	825	12.1	907	13.3		
Kaliro	9,893	1,178	11.9	245	2.5		
Manafwa	11,559	2,215	19.2	803	6.9	80	0.7
Namutumba	7,954	3,366	42.3	1,278	16.1	398	5.0
Adjumani	6,699	1,054	15.7	559	8.3	88	1.3
Apac	21,849	5,449	24.9	2,315	10.6		
Arua	20,411	3,198	15.7	2,932	14.4	793	3.9
Gulu	15,184	4,098	27.0	3,672	24.2	653	4.3

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kitgum	11,041	1,013	9.2	1,131	10.2	186	1.7
Kotido	902			19	2.1		
Lira	19,044	3,643	19.1	4,832	25.4		
Moroto	7,009						
Moyo	8,797	1,544	17.6	1,816	20.6		
Nebbi	16,824	4,420	26.3	2,910	17.3	181	1.1
Nakapiripi-t	8,362	443	5.3	148	1.8		
Pader	31,756	1,762	5.5	1,117	3.5	134	0.4
Yumbe	7,785	1,863	23.9	1,651	21.2	118	1.5
Abim	2,218	717	32.3	1,277	57.5	577	26.0
Amolatar	5,125	610	11.9	532	10.4	53	1.0
Amuru	8,942	2,648	29.6	1,028	11.5	290	3.2
Dokolo	10,443	1,112	10.6	645	6.2	92	0.9
Kaabong	6,879	1,026	14.9				
Koboko	10,875	1,771	16.3	2,987	27.5	93	0.9
Nyadri	11,659	2,531	21.7	663	5.7		
Oyam	19,200	1,824	9.5	662	3.4	130	0.7
Bundibugyo	6,324	3,390	53.6	1,178	18.6	84	1.3
Bushenyi	26,547	7,443	28.0	4,838	18.2	240	0.9
Hoima	21,491	3,654	17.0	5,155	24.0	25	0.1
Kabale	23,925	6,045	25.3	3,485	14.6	600	2.5
Kabarole	17,563	5,649	32.2	4,019	22.9	983	5.6
Kasese	19,290	4,714	24.4	2,415	12.5	21	0.1
Kibaale	20,591	4,633	22.5	2,909	14.1	184	0.9
Kisoro	13,452	3,606	26.8	995	7.4	214	1.6
Masindi	10,400	5,649	54.3	3,099	29.8	945	9.1
Mbarara	14,107	6,299	44.7	2,486	17.6	98	0.7
Ntungamo	9,234	1,975	21.4	483	5.2	295	3.2
Rukungiri	19,296	7,499	38.9	3,302	17.1	713	3.7
Kamwenge	17,428	4,845	27.8	453	2.6		
Kanungu	12,044	2,529	21.0	1,962	16.3	448	3.7
Kyenjojo	22,595	12,170	53.9	6,042	26.7	280	1.2
Buliisa	1,848	238	12.9	65	3.5	38	2.0
Ibanda	12,563	4,018	32.0	1,388	11.0		
Isingiro	9,797	2,125	21.7	1,983	20.2	109	1.1
Kiruhura	2,393	787	32.9	527	22.0	132	5.5
<b>UGANDA</b>	<b>1,067,035</b>	<b>251,429</b>		<b>139,433</b>		<b>15,884</b>	

**Table A7.9: Ag HHs whose members undertook operation of Hotels and Restaurants by Category of Ag HH Member and district**

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	709			13	1.8		
Kampala	2,093			38	1.8		
Kiboga	7,464			80	1.1		
Luwero	8,413			317	3.8		
Masaka	21,441			1,730	8.1		
Mpigi	14,847	131	0.9	959	6.5		
Mubende	21,185	180	0.8	1,401	6.6	203	1.0
Mukono	32,631	228	0.7	294	0.9		
Nakasongola	2,244	38	1.7	38	1.7		
Rakai	7,944			383	4.8		
Ssembabule	4,836	89	1.8	333	6.9		
Kayunga	13,868			106	0.8		
Wakiso	24,686	843	3.4	645	2.6		
Lyantonde	2,307			265	11.5		
Mityana	14,231	235	1.7	194	1.4		
Nakaseke	4,018			57	1.4		
Bugiri	27,627	717	2.6	2,188	7.9	27	0.1
Busia	11,052	577	5.2	505	4.6		
Iganga	36,377	573	1.6	4,513	12.4		
Jinja	11,427			423	3.7		
Kamuli	21,947	482	2.2	775	3.5	210	1.0
Kapchorwa	1,575	271	17.2	202	12.8		
Katakwi	6,730						
Kumi	17,154	98	0.6	422	2.5	97	0.6
Mbale	11,353	613	5.4	759	6.7	1,037	9.1
Pallisa	23,833	391	1.6	410	1.7		
Soroti	38,252	677	1.8	727	1.9		
Tororo	17,228	135	0.8	177	1.0		
Kaberamaido	12,922	75	0.6	2,648	20.5	784	6.1
Mayuge	13,955	431	3.1	363	2.6		
Sironko	14,355	738	5.1	214	1.5	91	0.6
Amuria	20,922	1,457	7.0	2,260	10.8	318	1.5
Budaka	9,727	283	2.9	698	7.2	274	2.8
Bududa	3,908	139	3.6	123	3.2		
Bukedea	8,878			339	3.8	56	0.6
Bukwo	6,769			143	2.1		
Butaleja	6,829			80	1.2		
Kaliro	9,893	338	3.4	103	1.0	103	1.0
Manafwa	11,559	226	2.0	277	2.4		
Namutumba	7,954	212	2.7	56	0.7		
Adjumani	6,699	136	2.0	313	4.7		
Apac	21,849	66	0.3	1,993	9.1		
Arua	20,411	61	0.3	305	1.5	61	0.3
Gulu	15,184	124	0.8	2,356	15.5	373	2.5

District	All holdings practicing other econ activities	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kitgum	11,041	104	0.9	376	3.4	91	0.8
Kotido	902						
Lira	19,044			1,387	7.3		
Moroto	7,009						
Moyo	8,797	95	1.1	321	3.6	58	0.7
Nebbi	16,824	319	1.9	524	3.1		
Nakapiripi-t	8,362						
Pader	31,756	449	1.4	475	1.5		
Yumbe	7,785			153	2.0		
Abim	2,218	211	9.5	880	39.7	266	12.0
Amolatar	5,125						
Amuru	8,942	361	4.0	817	9.1		
Dokolo	10,443	160	1.5	409	3.9		
Kaabong	6,879	647	9.4	162	2.4		
Koboko	10,875			177	1.6		
Nyadri	11,659	214	1.8	440	3.8	99	0.8
Oyam	19,200	271	1.4	1,129	5.9	130	0.7
Bundibugyo	6,324	179	2.8	296	4.7		
Bushenyi	26,547	843	3.2	2,760	10.4	209	0.8
Hoima	21,491	475	2.2	2,496	11.6	661	3.1
Kabale	23,925	711	3.0	269	1.1	159	0.7
Kabarole	17,563	282	1.6	1,150	6.5		
Kasese	19,290	602	3.1	1,170	6.1	134	0.7
Kibaale	20,591	427	2.1	910	4.4		
Kisoro	13,452	616	4.6	309	2.3		
Masindi	10,400	463	4.5	589	5.7		
Mbarara	14,107					120	0.9
Ntungamo	9,234	447	4.8	532	5.8	125	1.4
Rukungiri	19,296	1,348	7.0	1,604	8.3	77	0.4
Kamwenge	17,428	686	3.9	385	2.2		
Kanungu	12,044	90	0.7	414	3.4	73	0.6
Kyenjojo	22,595	179	0.8	1,658	7.3		
Buliisa	1,848	21	1.1	28	1.5	43	2.3
Ibanda	12,563			256	2.0	84	0.7
Isingiro	9,797	481	4.9	275	2.8		
Kiruhura	2,393			308	12.9	132	5.5
<b>UGANDA</b>	<b>1,067,035</b>	<b>21,246</b>		<b>52,885</b>		<b>6,097</b>	

**Table A7.10: Ag HHs that ranked income derived from economic production activities other than agricultural production as the most important by type of household members by district**

District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	2,623	462	17.6	434	16.6	972	37.1
Kampala	25,464	9,036	35.5	8,177	32.1	18,808	73.9
Kiboga	34,727	3,469	10.0	8,270	23.8	12,310	35.4
Luwero	31,967	1,373	4.3	7,521	23.5	9,721	30.4
Masaka	86,820	9,769	11.3	7,441	8.6	26,791	30.9
Mpigi	70,399	9,281	13.2	24,183	34.4	43,337	61.6
Mubende	70,066	3,554	5.1	6,020	8.6	12,611	18.0
Mukono	94,070	14,037	14.9	28,230	30.0	53,576	57.0
Nakasongola	12,971	685	5.3	2,246	17.3	3,567	27.5
Rakai	58,994	4,158	7.0	8,307	14.1	15,196	25.8
Ssembabule	31,708	2,454	7.7	5,087	16.0	11,511	36.3
Kayunga	45,964	8,958	19.5	13,521	29.4	30,234	65.8
Wakiso	78,530	8,933	11.4	24,383	31.0	49,957	63.6
Lyantonde	9,313	439	4.7	304	3.3	1,485	15.9
Mityana	45,306	5,003	11.0	11,265	24.9	21,835	48.2
Nakaseke	16,564	2,283	13.8	5,924	35.8	7,721	46.6
Bugiri	71,228	941	1.3	6,337	8.9	10,046	14.1
Busia	38,126	2,657	7.0	10,484	27.5	16,025	42.0
Iganga	87,916	6,951	7.9	24,098	27.4	38,771	44.1
Jinja	43,160	4,167	9.7	10,899	25.3	18,263	42.3
Kamuli	95,146	3,128	3.3	28,563	30.0	34,457	36.2
Kapchorwa	22,547	864	3.8	2,243	9.9	5,245	23.3
Katakwi	25,716	4,722	18.4	5,138	20.0	12,636	49.1
Kumi	43,075	3,769	8.7	7,894	18.3	13,453	31.2
Mbale	50,494	2,476	4.9	6,045	12.0	25,764	51.0
Pallisa	69,059	2,616	3.8	15,211	22.0	21,026	30.4
Soroti	72,710	9,492	13.1	9,382	12.9	32,231	44.3
Tororo	66,059	5,048	7.6	13,346	20.2	21,205	32.1
Kaberaimaido	26,323	3,381	12.8	10,359	39.4	16,336	62.1
Mayuge	46,012	2,887	6.3	12,869	28.0	21,507	46.7
Sironko	50,653	4,420	8.7	16,788	33.1	30,696	60.6
Amuria	37,228	8,487	22.8	10,549	28.3	26,571	71.4
Budaka	26,297	1,507	5.7	8,678	33.0	11,978	45.5
Bududa	18,724	1,459	7.8	4,143	22.1	6,618	35.3
Bukedea	26,154	2,621	10.0	8,213	31.4	12,438	47.6
Bukwo	22,164	1,056	4.8	4,842	21.8	8,354	37.7
Butaleja	29,345	2,073	7.1	6,988	23.8	10,586	36.1
Kaliro	28,600	1,173	4.1	4,398	15.4	6,390	22.3
Manafwa	44,167	1,812	4.1	11,074	25.1	19,676	44.5
Namutumba	28,982	775	2.7	8,975	31.0	10,528	36.3
Adjumani	22,292	1,513	6.8	2,962	13.3	7,403	33.2
Apac	69,996	6,091	8.7	14,416	20.6	32,251	46.1
Arua	53,910	6,029	11.2	14,960	27.7	25,916	48.1
Gulu	34,047	2,209	6.5	6,713	19.7	14,128	41.5
Kitgum	39,347	4,230	10.8	3,475	8.8	9,361	23.8
Kotido	19,311	161	0.8	459	2.4	2,364	12.2
Lira	85,968	8,119	9.4	9,845	11.5	34,527	40.2
Moroto	13,942	4,490	32.2	133	1.0	5,048	36.2
Moyo	20,188	2,357	11.7	3,479	17.2	10,784	53.4
Nebbi	71,133	6,873	9.7	11,583	16.3	31,245	43.9
Nakapiripit	25,873	1,627	6.3	12,704	49.1	15,612	60.3
Pader	50,951	7,454	14.6	13,043	25.6	31,832	62.5
Yumbe	42,913	3,207	7.5	4,884	11.4	14,616	34.1
Abim	8,810	695	7.9	224	2.5	2,711	30.8
Amolatar	16,712	1,710	10.2	4,990	29.9	9,423	56.4
Amuru	35,614	2,795	7.8	6,680	18.8	14,425	40.5
Dokolo	26,370	3,371	12.8	3,895	14.8	11,435	43.4
Kaabong	19,657	913	4.6	909	4.6	3,631	18.5
Koboko	23,141	3,252	14.1	6,173	26.7	12,010	51.9
Nyadri	24,595	3,318	13.5	2,518	10.2	9,624	39.1
Oyam	50,931	4,694	9.2	9,904	19.4	30,304	59.5
Bundibugyo	20,158	4,724	23.4	5,711	28.3	12,093	60.0
Bushenyi	101,429	6,683	6.6	35,631	35.1	41,423	40.8



District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Hoima	50,684	7,367	14.5	11,600	22.9	23,130	45.6
Kabale	82,386	7,364	8.9	18,270	22.2	32,334	39.2
Kabarole	72,186	8,272	11.5	13,438	18.6	25,222	34.9
Kasese	83,848	5,316	6.3	15,048	17.9	31,825	38.0
Kibaale	73,311	4,813	6.6	8,101	11.1	20,822	28.4
Kisoro	50,215	7,637	15.2	14,210	28.3	25,350	50.5
Masindi	45,282	2,470	5.5	9,340	20.6	18,237	40.3
Mbarara	52,618	3,699	7.0	12,352	23.5	17,785	33.8
Ntungamo	58,761	3,908	6.7	10,232	17.4	17,347	29.5
Rukungiri	49,847	3,380	6.8	15,069	30.2	23,450	47.0
Kamwenge	52,013	4,812	9.3	12,030	23.1	18,481	35.5
Kanungu	38,230	5,116	13.4	8,544	22.3	19,208	50.2
Kyenjojo	74,469	4,582	6.2	10,068	13.5	25,550	34.3
Buliisa	8,223	250	3.0	487	5.9	1,117	13.6
Ibanda	34,150	3,588	10.5	11,488	33.6	18,663	54.6
Isingiro	55,535	6,751	12.2	9,409	16.9	17,462	31.4
Kiruhura	30,646	2,243	7.3	2,052	6.7	5,762	18.8
<b>UGANDA</b>	<b>3,575,063</b>	<b>330,454</b>		<b>765,859</b>		<b>1,474,341</b>	

**Table A7.11: Ag HHs that ranked income from paid employment as the most important by type of household members by district**

District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	2,623	447	17.1	378	14.4	652	24.8
Kampala	25,464	6,211	24.4	6,500	25.5	13,318	52.3
Kiboga	34,727	1,579	4.5	3,261	9.4	4,765	13.7
Luwero	31,967	1,389	4.3	2,813	8.8	4,032	12.6
Masaka	86,820	2,828	3.3	6,538	7.5	16,130	18.6
Mpigi	70,399	2,219	3.2	10,696	15.2	14,635	20.8
Mubende	70,066	1,182	1.7	1,956	2.8	3,034	4.3
Mukono	94,070	4,736	5.0	13,590	14.4	21,902	23.3
Nakasongola	12,971			732	5.6	939	7.2
Rakai	58,994	1,054	1.8	4,193	7.1	5,343	9.1
Ssembabule	31,708	954	3.0	4,249	13.4	5,385	17.0
Kayunga	45,964	1,794	3.9	6,523	14.2	8,348	18.2
Wakiso	78,530	6,614	8.4	23,452	29.9	34,577	44.0
Lyantonde	9,313	93	1.0	410	4.4	645	6.9
Mityana	45,306	931	2.1	6,075	13.4	7,878	17.4
Nakaseke	16,564	966	5.8	3,094	18.7	3,573	21.6
Bugiri	71,228	1,420	2.0	3,550	5.0	3,078	4.3
Busia	38,126	922	2.4	5,569	14.6	7,595	19.9
Iganga	87,916	2,280	2.6	9,759	11.1	12,005	13.7
Jinja	43,160	3,199	7.4	10,153	23.5	15,885	36.8
Kamuli	95,146	705	0.7	6,087	6.4	7,757	8.2
Kapchorwa	22,547	330	1.5	1,610	7.1	2,259	10.0
Katakwi	25,716	886	3.4	2,554	9.9	3,312	12.9
Kumi	43,075	289	0.7	3,483	8.1	3,294	7.6
Mbale	50,494	852	1.7	4,725	9.4	13,492	26.7
Pallisa	69,059	589	0.9	4,562	6.6	5,315	7.7
Soroti	72,710	1,734	2.4	6,600	9.1	9,622	13.2
Tororo	66,059	1,276	1.9	6,059	9.2	8,571	13.0
Kaberamaido	26,323	90	0.3	1,138	4.3	1,108	4.2
Mayuge	46,012	1,038	2.3	3,516	7.6	4,600	10.0
Sironko	50,653	1,407	2.8	2,870	5.7	5,516	10.9
Amuria	37,228	1,786	4.8	3,254	8.7	5,149	13.8
Budaka	26,297	378	1.4	4,035	15.3	4,856	18.5
Bududa	18,724	164	0.9	943	5.0	1,211	6.5
Bukedea	26,154	2,196	8.4	7,970	30.5	11,046	42.2
Bukwo	22,164	471	2.1	1,463	6.6	2,200	9.9
Butaleja	29,345	262	0.9	1,518	5.2	1,753	6.0
Kaliro	28,600	44	0.2	1,602	5.6	1,729	6.0
Manafwa	44,167	254	0.6	3,276	7.4	4,896	11.1
Namutumba	28,982	243	0.8	4,746	16.4	4,975	17.2
Adjumani	22,292	642	2.9	1,580	7.1	2,609	11.7
Apac	69,996	985	1.4	4,940	7.1	6,220	8.9
Arua	53,910	1,014	1.9	8,239	15.3	10,435	19.4
Gulu	34,047	1,171	3.4	3,630	10.7	5,257	15.4
Kitgum	39,347	727	1.8	2,636	6.7	3,407	8.7
Kotido	19,311						
Lira	85,968	1,822	2.1	3,012	3.5	6,530	7.6
Moroto	13,942	4,036	28.9	1,381	9.9	3,717	26.7
Moyo	20,188	624	3.1	3,475	17.2	4,444	22.0
Nebbi	71,133	1,367	1.9	5,608	7.9	7,365	10.4
Nakapiripit	25,873						
Pader	50,951	1,064	2.1	2,454	4.8	12,129	23.8
Yumbe	42,913	96	0.2	2,279	5.3	2,631	6.1
Abim	8,810	52	0.6	230	2.6	512	5.8
Amolatar	16,712	74	0.4	1,099	6.6	1,360	8.1
Amuru	35,614	334	0.9	5,431	15.2	7,358	20.7
Dokolo	26,370	1,523	5.8	1,856	7.0	4,695	17.8
Kaabong	19,657			555	2.8	717	3.6

District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Koboko	23,141	317	1.4	6,165	26.6	6,032	26.1
Nyadri	24,595	478	1.9	1,723	7.0	2,088	8.5
Oyam	50,931	643	1.3	4,005	7.9	4,506	8.8
Bundibugyo	20,158	822	4.1	2,117	10.5	3,953	19.6
Bushenyi	101,429	12,588	12.4	15,199	15.0	29,087	28.7
Hoima	50,684	1,744	3.4	11,708	23.1	15,048	29.7
Kabale	82,386	9,426	11.4	8,881	10.8	17,315	21.0
Kabarole	72,186	3,685	5.1	9,893	13.7	10,927	15.1
Kasese	83,848	847	1.0	8,142	9.7	10,156	12.1
Kibaale	73,311	582	0.8	2,652	3.6	3,228	4.4
Kisoro	50,215	1,613	3.2	3,710	7.4	6,567	13.1
Masindi	45,282	1,208	2.7	6,128	13.5	8,289	18.3
Mbarara	52,618	1,311	2.5	4,282	8.1	5,242	10.0
Ntungamo	58,761	7,156	12.2	6,873	11.7	10,491	17.9
Rukungiri	49,847	1,002	2.0	2,191	4.4	3,656	7.3
Kamwenge	52,013	423	0.8	5,103	9.8	6,724	12.9
Kanungu	38,230	1,468	3.8	5,427	14.2	9,121	23.9
Kyenjojo	74,469	1,632	2.2	11,068	14.9	17,702	23.8
Buliisa	8,223	43	0.5	134	1.6	155	1.9
Ibanda	34,150	1,089	3.2	5,472	16.0	6,347	18.6
Isingiro	55,535	734	1.3	5,013	9.0	8,198	14.8
Kiruhura	30,646	253	0.8	215	0.7	659	2.2
<b>UGANDA</b>	<b>3,575,063</b>	<b>120,408</b>		<b>370,011</b>		<b>551,255</b>	

**Table A7.12: Ag HHs that ranked income from pensions and investment as the most important by type of household members by district**

District	All holdings	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	2,623	351	13.4	89	3.4	557	21.3
Kampala	25,464	251	1.0	275	1.1	527	2.1
Kiboga	34,727	761	2.2	1,764	5.1	2,672	7.7
Luwero	31,967	177	0.6	1,155	3.6	1,688	5.3
Masaka	86,820	1,538	1.8	5,506	6.3	10,993	12.7
Mpigi	70,399	698	1.0	5,567	7.9	8,185	11.6
Mubende	70,066	246	0.4	219	0.3	357	0.5
Mukono	94,070	603	0.6	1,233	1.3	2,765	2.9
Nakasongola	12,971	312	2.4	1,732	13.3	2,414	18.6
Rakai	58,994	894	1.5	2,330	3.9	3,510	6.0
Ssembabule	31,708	1,074	3.4	2,875	9.1	6,752	21.3
Kayunga	45,964	1,026	2.2	2,353	5.1	4,813	10.5
Wakiso	78,530	4,699	6.0	10,396	13.2	20,048	25.5
Lyantonde	9,313	32	0.3	189	2.0	221	2.4
Mityana	45,306	432	1.0	195	0.4	294	0.6
Nakaseke	16,564	521	3.1	2,196	13.3	1,869	11.3
Bugiri	71,228	753	1.1	1,466	2.1	2,279	3.2
Busia	38,126	285	0.7	2,655	7.0	2,937	7.7
Iganga	87,916	1,408	1.6	5,550	6.3	6,804	7.7
Jinja	43,160	2,394	5.5	3,001	7.0	9,709	22.5
Kamuli	95,146			2,320	2.4	2,320	2.4
Kapchorwa	22,547						
Katakwi	25,716	60	0.2	521	2.0	581	2.3
Kumi	43,075			540	1.3	631	1.5
Mbale	50,494			821	1.6	1,586	3.1
Pallisa	69,059	2,165	3.1	3,065	4.4	2,437	3.5
Soroti	72,710	212	0.3	1,460	2.0	1,673	2.3
Tororo	66,059	1,422	2.2	1,177	1.8	6,707	10.2
Kaberamaido	26,323	656	2.5	539	2.0	1,195	4.5
Mayuge	46,012			406	0.9	406	0.9
Sironko	50,653	183	0.4	496	1.0	679	1.3
Amuria	37,228	104	0.3	1,100	3.0	1,332	3.6
Budaka	26,297	949	3.6	2,732	10.4	3,673	14.0
Bududa	18,724			313	1.7	359	1.9
Bukedea	26,154	1,877	7.2	5,818	22.2	7,830	29.9
Bukwo	22,164						
Butaleja	29,345	62	0.2	679	2.3	884	3.0
Kaliro	28,600						
Manafwa	44,167	105	0.2	760	1.7	865	2.0
Namutumba	28,982	102	0.4	1,885	6.5	1,885	6.5
Adjumani	22,292	51	0.2	246	1.1	354	1.6
Apac	69,996	203	0.3	1,109	1.6	1,312	1.9
Arua	53,910	344	0.6	6,926	12.8	7,560	14.0
Gulu	34,047	519	1.5	1,556	4.6	2,881	8.5
Kitgum	39,347	72	0.2	247	0.6	421	1.1
Kotido	19,311						
Lira	85,968	3,036	3.5	2,554	3.0	6,780	7.9
Moroto	13,942						
Moyo	20,188	395	2.0	612	3.0	898	4.4
Nebbi	71,133			1,455	2.0	1,644	2.3
Nakapiripit	25,873			399	1.5	1,197	4.6
Pader	50,951	948	1.9	756	1.5	9,568	18.8
Yumbe	42,913						
Abim	8,810	39	0.4			230	2.6
Amolatar	16,712	43	0.3	321	1.9	363	2.2
Amuru	35,614	1,300	3.6	6,107	17.1	10,498	29.5
Dokolo	26,370	1,259	4.8	1,040	3.9	4,096	15.5

District	All holdings	Household reporting the enterprise by Male members		Household reporting the enterprise by Female members		Household reporting the enterprise by children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kaabong	19,657	45	0.2	64	0.3	110	0.6
Koboko	23,141	902	3.9	2,072	9.0	1,170	5.1
Nyadri	24,595	433	1.8	611	2.5	1,301	5.3
Oyam	50,931	952	1.9	660	1.3	1,870	3.7
Bundibugyo	20,158	452	2.2	466	2.3	330	1.6
Bushenyi	101,429	8,198	8.1	10,488	10.3	14,490	14.3
Hoima	50,684	798	1.6	2,704	5.3	4,694	9.3
Kabale	82,386	465	0.6	890	1.1	906	1.1
Kabarole	72,186	1,205	1.7	1,449	2.0	2,792	3.9
Kasese	83,848	327	0.4	879	1.0	1,245	1.5
Kibaale	73,311	649	0.9	1,288	1.8	3,617	4.9
Kisoro	50,215						
Masindi	45,282	158	0.3	790	1.7	930	2.1
Mbarara	52,618						
Ntungamo	58,761	2,496	4.2	3,459	5.9	4,447	7.6
Rukungiri	49,847	102	0.2	119	0.2	221	0.4
Kamwenge	52,013			302	0.6	422	0.8
Kanungu	38,230	168	0.4	259	0.7	426	1.1
Kyenjojo	74,469	2,145	2.9	5,735	7.7	11,245	15.1
Buliisa	8,223			172	2.1	193	2.3
Ibanda	34,150	268	0.8	1,718	5.0	1,812	5.3
Isingiro	55,535	125	0.2	1,880	3.4	2,487	4.5
Kiruhura	30,646	91	0.3	333	1.1	424	1.4
<b>UGANDA</b>	<b>3,575,063</b>	<b>54,539</b>		<b>135,043</b>		<b>227,371</b>	

**Table A7.13: Ag HHs that ranked income from internal remittances (inside Uganda) as their “other” main source by Category of Ag HH Member by district**

District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	2,623	351	13.4	153	5.9	598	22.8
Kampala	25,464	4,224	16.6	568	2.2	5,491	21.6
Kiboga	34,727	1,244	3.6	2,315	6.7	3,347	9.6
Luwero	31,967	1,565	4.9	853	2.7	2,671	8.4
Masaka	86,820	3,517	4.1	5,099	5.9	6,973	8.0
Mpigi	70,399	10,786	15.3	13,729	19.5	30,737	43.7
Mubende	70,066	172	0.2	312	0.4	494	0.7
Mukono	94,070	18,778	20.0	14,570	15.5	30,315	32.2
Nakasongola	12,971	68	0.5	253	1.9	320	2.5
Rakai	58,994	8,658	14.7	5,115	8.7	12,953	22.0
Ssembabule	31,708	5,434	17.1	2,391	7.5	12,132	38.3
Kayunga	45,964	3,025	6.6	3,935	8.6	7,619	16.6
Wakiso	78,530	12,100	15.4	7,856	10.0	14,885	19.0
Lyantonde	9,313	699	7.5	35	0.4	1,368	14.7
Mityana	45,306	4,700	10.4	4,687	10.3	9,351	20.6
Nakaseke	16,564	1,033	6.2	2,134	12.9	2,711	16.4
Bugiri	71,228	718	1.0	2,961	4.2	5,663	8.0
Busia	38,126	4,138	10.9	4,960	13.0	6,813	17.9
Iganga	87,916	3,866	4.4	13,367	15.2	16,928	19.3
Jinja	43,160	6,893	16.0	5,960	13.8	8,726	20.2
Kamuli	95,146	5,125	5.4	6,938	7.3	10,067	10.6
Kapchorwa	22,547						
Katakwi	25,716	829	3.2	143	0.6	3,818	14.8
Kumi	43,075	3,717	8.6	1,109	2.6	4,530	10.5
Mbale	50,494	2,969	5.9	3,947	7.8	3,313	6.6
Pallisa	69,059	1,417	2.1	2,536	3.7	2,846	4.1
Soroti	72,710	293	0.4	120	0.2	413	0.6
Tororo	66,059	9,136	13.8	9,436	14.3	8,324	12.6
Kaberamaido	26,323	1,527	5.8	847	3.2	2,525	9.6
Mayuge	46,012	9,110	19.8	5,776	12.6	14,801	32.2
Sironko	50,653	770	1.5	2,007	4.0	4,501	8.9
Amuria	37,228	496	1.3	1,046	2.8	1,504	4.0
Budaka	26,297	3,317	12.6	4,282	16.3	6,674	25.4
Bududa	18,724	1,037	5.5	1,301	6.9	928	5.0
Bukedea	26,154	918	3.5	3,920	15.0	4,838	18.5
Bukwo	22,164	261	1.2	218	1.0	479	2.2
Butaleja	29,345	62	0.2	78	0.3	200	0.7
Kaliro	28,600	236	0.8	536	1.9	918	3.2
Manafwa	44,167						
Namutumba	28,982	1,546	5.3	1,151	4.0	3,718	12.8
Adjumani	22,292	908	4.1	1,412	6.3	3,412	15.3
Apac	69,996	1,151	1.6	830	1.2	5,772	8.2
Arua	53,910	253	0.5	4,149	7.7	4,798	8.9
Gulu	34,047	1,308	3.8	2,869	8.4	5,409	15.9
Kitgum	39,347	1,243	3.2	775	2.0	4,217	10.7
Kotido	19,311						
Lira	85,968	4,077	4.7	2,744	3.2	3,518	4.1
Moroto	13,942	133	1.0			133	1.0
Moyo	20,188	1,327	6.6	1,693	8.4	3,626	18.0
Nebbi	71,133			653	0.9	796	1.1
Nakapiripit	25,873	92	0.4	307	1.2	1,024	4.0
Pader	50,951	4,542	8.9	1,726	3.4	8,823	17.3
Yumbe	42,913			1,087	2.5	1,087	2.5
Abim	8,810	30	0.3			310	3.5
Amolatar	16,712						
Amuru	35,614	2,593	7.3	4,722	13.3	7,334	20.6
Dokolo	26,370	1,994	7.6	900	3.4	4,847	18.4
Kaabong	19,657	591	3.0	389	2.0	1,510	7.7
Koboko	23,141	1,062	4.6	5,524	23.9	6,500	28.1
Nyadri	24,595						
Oyam	50,931	538	1.1	827	1.6	3,830	7.5
Bundibugyo	20,158	1,528	7.6	2,017	10.0	1,656	8.2
Bushenyi	101,429	13,827	13.6	10,588	10.4	14,766	14.6

District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Hoima	50,684	4,293	8.5	6,457	12.7	4,762	9.4
Kabale	82,386	3,156	3.8	1,544	1.9	4,072	4.9
Kabarole	72,186	5,600	7.8	3,284	4.5	5,706	7.9
Kasese	83,848	158	0.2	791	0.9	1,099	1.3
Kibaale	73,311	1,193	1.6	1,146	1.6	1,327	1.8
Kisoro	50,215	89	0.2			180	0.4
Masindi	45,282	48	0.1	220	0.5	173	0.4
Mbarara	52,618	3,231	6.1	817	1.6	3,983	7.6
Ntungamo	58,761	3,287	5.6	5,136	8.7	4,760	8.1
Rukungiri	49,847						
Kamwenge	52,013	844	1.6	1,070	2.1	982	1.9
Kanungu	38,230	332	0.9	178	0.5	510	1.3
Kyenjojo	74,469	2,996	4.0	3,045	4.1	5,031	6.8
Buliisa	8,223	38	0.5	21	0.2	193	2.3
Ibanda	34,150	988	2.9	643	1.9	2,859	8.4
Isingiro	55,535	260	0.5	252	0.5	368	0.7
Kiruhura	30,646	162	0.5	1,224	4.0	1,407	4.6
<b>UGANDA</b>	<b>3,575,063</b>	<b>198,604</b>		<b>205,681</b>		<b>375,268</b>	

**Table A7.14: Ag HHs that ranked income from External Remittances (outside Uganda) as their “other” main source by Category of Ag HH Member by district**

District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Kalangala	2,623	351	13.4	182	7.0	540	20.6
Kampala	25,464	1,081	4.2	642	2.5	2,347	9.2
Kiboga	34,727	318	0.9	1,432	4.1	1,718	4.9
Luwero	31,967	84	0.3	18	0.1	189	0.6
Masaka	86,820	4,262	4.9	3,626	4.2	243	0.3
Mpigi	70,399	1,788	2.5	2,590	3.7	4,683	6.7
Mubende	70,066			276	0.4	434	0.6
Mukono	94,070	231	0.2	620	0.7	919	1.0
Nakasongola	12,971						
Rakai	58,994	440	0.7	667	1.1	326	0.6
Ssembabule	31,708	703	2.2	396	1.2	1,091	3.4
Kayunga	45,964	271	0.6	289	0.6	1,022	2.2
Wakiso	78,530	886	1.1	1,071	1.4	1,544	2.0
Lyantonde	9,313						
Mityana	45,306	321	0.7			321	0.7
Nakaseke	16,564	215	1.3	1,512	9.1	1,781	10.8
Bugiri	71,228						
Busia	38,126	391	1.0	624	1.6	805	2.1
Iganga	87,916	847	1.0	1,682	1.9	2,229	2.5
Jinja	43,160	1,252	2.9	544	1.3	1,634	3.8
Kamuli	95,146	90	0.1	276	0.3	366	0.4
Kapchorwa	22,547						
Katakwi	25,716						
Kumi	43,075						
Mbale	50,494	1,216	2.4	735	1.5	550	1.1
Pallisa	69,059	146	0.2			146	0.2
Soroti	72,710						
Tororo	66,059	225	0.3	471	0.7	246	0.4
Kaberamaido	26,323	295	1.1	71	0.3	442	1.7
Mayuge	46,012			118	0.3	118	0.3
Sironko	50,653			117	0.2	117	0.2
Amuria	37,228						
Budaka	26,297	419	1.6	837	3.2	1,540	5.9
Bududa	18,724	851	4.5	785	4.2		
Bukedea	26,154	918	3.5	3,526	13.5	4,444	17.0
Bukwo	22,164	261	1.2	112	0.5		
Butaleja	29,345	62	0.2	78	0.3	200	0.7
Kaliro	28,600						
Manafwa	44,167						
Namutumba	28,982			552	1.9	552	1.9
Adjumani	22,292	473	2.1	657	2.9	1,606	7.2
Apac	69,996						
Arua	53,910	102	0.2	4,149	7.7	4,542	8.4
Gulu	34,047	649	1.9	508	1.5	1,368	4.0
Kitgum	39,347						
Kotido	19,311						
Lira	85,968	834	1.0	578	0.7	257	0.3
Moroto	13,942						
Moyo	20,188	266	1.3	335	1.7	601	3.0
Nebbi	71,133						
Nakapiripit	25,873						
Pader	50,951						
Yumbe	42,913			731	1.7	731	1.7
Abim	8,810					230	2.6

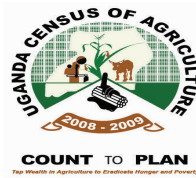


District	All holdings	Holdings ranking the source as most important for male		Holdings ranking the source as most important for female		Holdings ranking the source as most important for Children	
		No of hh	% within district	No of hh	% within district	No of hh	% within district
Amolatar	16,712						
Amuru	35,614	1,129	3.2	3,771	10.6	5,490	15.4
Dokolo	26,370	1,278	4.8	394	1.5	2,598	9.9
Kaabong	19,657						
Koboko	23,141	38	0.2	338	1.5	376	1.6
Nyadri	24,595						
Oyam	50,931						
Bundibugyo	20,158	481	2.4	557	2.8	212	1.1
Bushenyi	101,429	4,370	4.3	4,072	4.0	5,628	5.5
Hoima	50,684	891	1.8	2,120	4.2	3,098	6.1
Kabale	82,386						
Kabarole	72,186	485	0.7	910	1.3	1,198	1.7
Kasese	83,848						
Kibaale	73,311			371	0.5	371	0.5
Kisoro	50,215						
Masindi	45,282	186	0.4	363	0.8	454	1.0
Mbarara	52,618						
Ntungamo	58,761	2,332	4.0	3,627	6.2	1,126	1.9
Rukungiri	49,847						
Kamwenge	52,013						
Kanungu	38,230						
Kyenjojo	74,469						
Buliisa	8,223			21	0.2	155	1.9
Ibanda	34,150						
Isingiro	55,535			477	0.9	477	0.9
Kiruhura	30,646	815	2.7	815	2.7		
<b>UGANDA</b>	<b>3,575,063</b>	<b>32,252</b>		<b>48,642</b>		<b>61,064</b>	

# Annex 2: UCA FORM 2

Batch Sequence Number

Strictly Confidential



THE REPUBLIC OF UGANDA

## UGANDA CENSUS OF AGRICULTURE 2008/09

### UCA Form 2: Agricultural Household and Holding Module

#### Section 2.1 Identification Particulars

##### 2.1.1 Holding Particulars

No.	Particulars	Name	Code		
01	District				
01	County				
03	Sub-county				
04	Parish				
05	Enumeration Area				
06	Local Council I				
07	Holding serial number				
08	Holder's name				
09	Holder's physical address				

##### Section 2.1.2 Enumeration Particulars

10	Name of respondent	
11	<b>Relationship to holder</b>	
	Holder .....	1 (Circle the correct code)
	Spouse .....	2
	Son/Daughter.....	3
	Parent.....	4
	Other relative.....	5
	Non-relative.....	6
12	<b>Result of interview</b>	
	Interview completed .....	01 (Circle the correct code)
	Partial interview .....	02
	No respondent available.....	03
	Household moved.....	04
	Dwelling destroyed/not found.....	05
	Dwelling vacant .....	06
	Refusal .....	07
	Other, specify ..	96

13 Start time:

End time:

14. Date completed	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
15. Date checked	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
16. Date checked	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Name of Enumerator: .....

Enumerator's signature: .....

Name of District Supervisor: .....

District Supervisor's signature: .....

Name of National Supervisor: .....

National Supervisor's signature: .....







24. Which of the following sources does the holding use for receiving agricultural extension services? **(Circle appropriate cell)**

Extension Services on;	Sources of Agricultural Extension Services;				
	NAADS	Other Government (Crops)	Other Government (Livestock)	Farmers' Association	Others
(1)	(3)	(4)	(5)	(6)	(7)
<i>Farm Management</i>	A	A	A	A	A
<i>Selection of Crop varieties</i>	B	B		B	B
<i>Input use e.g. fertilizers etc</i>	C	C	C	C	C
<i>Credit</i>	D	D	D	D	D
<i>Farm Mechanization</i>	E	E	E	E	E
<i>Animal Health</i>	F		F	F	F
<i>Plant protection</i>	G	G		G	G
<i>Environmental conservation</i>	H	H	H	H	H
<i>Marketing</i>	I	I	I	I	I
<i>Training</i>	J	J	J	J	J
<i>None</i>	Y	Y	Y	Y	Y

25. If agricultural household members were trained by NAADS:

25a. How many were **male** members

--	--

25b. How many were **female** members

--	--

26. How many times (on demand and by routine) did the agricultural household members receive advice on the following issues during the last 12 months?

	Issue	Received advice		Number of times on demand	Number of times on routine
		Yes.....1	No.....2		
(1)		(2)		(3)	(4)
01	<i>Type of seed to use</i>	1	2	<input type="text"/>	<input type="text"/>
02	<i>Plant protection</i>	1	2	<input type="text"/>	<input type="text"/>
03	<i>Use of organic and inorganic fertilizers</i>	1	2	<input type="text"/>	<input type="text"/>
04	<i>When to plant</i>	1	2	<input type="text"/>	<input type="text"/>
05	<i>Crop spacing, weeding, thinning etc</i>	1	2	<input type="text"/>	<input type="text"/>
06	<i>Use of Animal feeds</i>	1	2	<input type="text"/>	<input type="text"/>
07	<i>Use of veterinary drugs</i>	1	2	<input type="text"/>	<input type="text"/>
08	<i>Insemination</i>	1	2	<input type="text"/>	<input type="text"/>
09	<i>Market information</i>	1	2	<input type="text"/>	<input type="text"/>
10	<i>Other, specify</i>	1	2	<input type="text"/>	<input type="text"/>

**Section 2.5 Sources of Agricultural Information**

27 Which of the following sources does the holding use for receiving information related to agriculture?

Information on:	Line Code	Codes for Main source of agricultural information
		(1) (2) (3)
Weather	1	
Crop varieties	2	
New Agric practices	3	
Farm machinery	4	
Credit facilities	5	
Plant diseases and pests	6	
Marketing	7	

**Section 2.6 Access to facilities**

28 What is the distance in kilometers to the nearest of the facilities mentioned below

Facility (1)	Facility Code (2)	Distance (km) (3)
Local produce market	01	
District produce market	02	
Local input dealer / farm supply shop	03	
Extension services	04	
Nurseries	05	
Agricultural research centres	06	
Public transport	07	
Feeder roads	08	
All year round gravel road	09	
Tarmac road	10	

**Section 2.7 Means of Transportation**

29 Does the holding own, borrow or hire the following means of transportation? (For each record only the main kind of access)

Means of Transport (1)	Line Code (2)	Kind of access code	Number of means of transport owned (4)
Head loading	01	Owns..... 1	
Car/pick up	02	Can borrow..... 2	
Lorry	03	Can hire..... 3	
Tractor	04	No access..... 4	
Motor cycle	05		
Bicycle	06		
Oxen	07		
Donkeys/mules	08		
Boats/ferry	09		
Wheelbarrow	10		

### Section 2.8 Storage facilities

30 Does the holding have any storage facilities?

Yes..... 1

No..... 2 → Qn 32 (Circle the correct code)

31 What storage facility does the holding use (several facilities may be used) and what is the volume of the storage facility used? (Record 1 = Yes, 2 = No)

Facility	Line Code (2)	Usage Code (3)	Storage Volume (m <sup>3</sup> ) (4)
Improved granary	01	1	
Unimproved granary	02	1	
In the house	03	1	
Specific House/room	04	1	
Under shelter outside	05	1	
Cribs	06	1	
Silos	07	1	
Cold Storage	08	1	
Under ground	09	1	
Over fire place	10	1	
Sealed containers	11	1	
Other, Specify	12	1	

### Section 2.9 Access to credit

32. Has this holding received loan services in the last 5 years?

Yes..... 1

No..... 2 If No → Qn 37

33 If yes, what was the source, purpose, amount and the period of the loan?

(Read out the sources mentioned below and indicate whether the source is used or not)

Source of the loan	Code (2)	Loan Purpose Code (3)	Loan Period Code (4)	Loan amount (U.Shs) if any (5)	Outstanding amount of the loan (U.Shs) if any (6)
Commercial Banks	01				
Micro Finance Institutions	02				
Money Lenders	03				
Input supply	04				
Self-help Group	05				
Internal (Family and friends)	06				
Government	07				
NGO	08				
Other, Specify	96				

34. Did the holding need to provide collateral security?

Yes..... 1

No..... 2 → Qn 36 (Circle the correct code)

35. What type of collateral security (Read out the types mentioned below and indicate whether it is used or not)

Type of collateral security	Code
Land Title	A
Crops	B
Livestock	C
Character	D
Salary	E
Other Specify.....	X

36. Give reasons why members did not receive any loan or credit in the last 5 years?

More than one reason can be mentioned (Circle the given reason(s))

Reason	Code
No need for loans	A
Unavailability of lending facilities	B
Lack of collateral security	C
Interest high	D
Not profitable	E
Ignorance	F
Negative past experience	G
Other specify.....	X

Loan purpose code (Col 3)

Agriculture labour.....	01
Seeds.....	02
Fertilizer.....	03
Agro-chemicals.....	04
Farm implements & machinery.....	05
Irrigation Structures.....	06
Livestock.....	07
Aquaculture.....	08
Apiculture.....	09
Trading agricultural produce.....	10
Other agricultural.....	11

Loan Period codes (Col 4)

< 1 year.....	1
1-3 years.....	2
> 3 years.....	3





**Section 2.11 Other types of water management practices**

43. What other types of water management practices are carried out on the holding?

Management practice	Code
(1)	(3)
Wetland and inland valley bottoms	A
Flood recession cultivation	B
Spate irrigation	C
Other(specify)	D

**Section 2.12 Holding exposure for flooding/water retention**

44. Is the holding prone to flooding or to water retention?

Yes..... 1  
 No..... 2 → Qn 47

45. Does the holding undertake any drainage of the land?

Yes..... 1  
 No..... 2 → Qn 47

46. What is the total size of agricultural land drained (in hectares - 2 decimal places)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	.	<input type="text"/>	<input type="text"/>
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**Section 2.13 Land Tenure System of parcels**

47. What is the land tenure system for each parcel?

Parcel Number	Parcel name	Sex of sub-holder (parcel manager)	Parcel Acquisition						Tenure Code			
			Inheritance.....1	Purchase.....2	Donation.....3	Hire.....4	Other,specify.....6	Customary..... 1	Freehold..... 2	Mailo land..... 3	Leasehold..... 4	Squattor..... 5
(1)	(2)	(3)	(4)						(5)			
<input type="text"/>		1 2	1	2	3	4	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>		1 2	1	2	3	4	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>		1 2	1	2	3	4	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>		1 2	1	2	3	4	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>		1 2	1	2	3	4	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
<input type="text"/>		1 2	1	2	3	4	6	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	



**Section 2.16 Agricultural Equipment**

51. For any of the equipment (used during the last 12 months) in the table below, circle the appropriate answers

(Read out the types of equipment listed below as appropriate, and for each type record whether it was used or not. Leave column 4-6 blank if not used).

Type of equipment	Code	Used during the last 12 months:	If used during last 12 months									
			Number used		Ownership (code)			When did you buy the most recent item? (code)				
					Holder.....	1						
					Holder+other.....	2						
					Other private	3						
					Government.....	4	Less than 1 year ago.....	1				
		Yes.....	1		Cooperatives.....	5	1-10 years ago.....	2				
		No.....	2		NGO.....	6	More than 10 years ago...3					
(1)	(2)	(3)		(4)			(5)			(6)		
Hoes	01	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Axes	02	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Slashers	03	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pangas	04	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Watering cans	05	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Wheelbarrows	06	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pruning knives	07	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pruning saws	08	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Chain/hand saw	09	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sheller	10	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Spade	11	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Fork hoe	12	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Tractor	13	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Plough	14	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Ox-plough	15	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Trailer	16	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Harrow/cultivator	17	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Weeder	18	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Planter	19	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Sprayer	20	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Pail	21	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Milk can	22	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Other, specify	23	1	2	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

## Section 2.17 Labour Input

**52. How many members of the holding worked permanently or temporarily on the holding during the last 12 months? (Give the number worked for all categories).**

Permanent basis				Temporary basis			
Males	Females	Children		Males	Females	Children	
		Boys	Girls			Boys	Girls
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

**53. Share of operation undertaken by agricultural household members who worked on the holding during the last 12 months ?**

Operation	Line code	Share of work undertaken by (code)				
		Adults		Children		
		Males	Females	Boys	Girls	
(1)	(2)	(3)	(4)	(5)	(6)	Code columns
Ploughing	01	1 2 3	1 2 3	1 2 3	1 2 3	3, 4, 5, 6
Planting	02	1 2 3	1 2 3	1 2 3	1 2 3	Little or none (< ¼) ..... 1
Weeding	03	1 2 3	1 2 3	1 2 3	1 2 3	About half (¼-¾)..... 2
Pruning	04	1 2 3	1 2 3	1 2 3	1 2 3	Most of the time or all (> ¾)..... 3
Harvesting	05	1 2 3	1 2 3	1 2 3	1 2 3	
Bush clearing	06	1 2 3	1 2 3	1 2 3	1 2 3	
Herding	07	1 2 3	1 2 3	1 2 3	1 2 3	
Feeding	08	1 2 3	1 2 3	1 2 3	1 2 3	
Milking	09	1 2 3	1 2 3	1 2 3	1 2 3	
Fish farming	10	1 2 3	1 2 3	1 2 3	1 2 3	
Construction/maintenance	11	1 2 3	1 2 3	1 2 3	1 2 3	
Spraying	12	1 2 3	1 2 3	1 2 3	1 2 3	
Scaring birds (for cereals)	13	1 2 3	1 2 3	1 2 3	1 2 3	
Other, specify	14	1 2 3	1 2 3	1 2 3	1 2 3	

**54. Were any persons hired permanently or temporarily for pay in cash or kind on the holding during the last 12 month?**

Yes..... 1

No..... 2



Qn 57 (Circle the correct code)

**55. How many persons and for how long were hired as permanent or temporary labourers during the last 12 months? (Give the number hired for all categories).**

	Number of permanent labourers				Number of temporary labourers				
	Males	Females	Children		Males	Females	Children		
			Boys	Girls			Boys	Girls	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. Number									
2. Payment period in no. of days									

**56. Share of work undertaken by persons who were hired as permanent or temporary labourers during the last 12 months on the specified operations?**

Operation	Line code	Permanent labourers (circle code for share)				Temporary labourers (circle code for share)			
		Males	Females	Children		Males	Females	Children	
				Boys	Girls			Boys	Girls
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Ploughing	01	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Planting	02	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Weeding	03	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Pruning	04	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Harvesting	05	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Bush clearing	06	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Herding	07	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Feeding	08	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Milking	09	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Fish Farming	10	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Construction/maintenance	11	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3
Other, specify	12	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3	1 2 3

**Code columns**  
**3 to 10**  
 Little or none (< ¼) ..... 1  
 About half (¼-¾)..... 2  
 Most of the time or all (> ¾)..... 3

57. Were any of the holding members working permanently or temporarily for pay in cash or kind on any other agricultural holding during the last 12 months?

Yes..... 1

No..... 2 → Qn 60

(Circle the correct code)

58. How many holding members worked permanently or temporarily and for how long, on any other holding during the last 12 months? (Give the number for all categories).

ITEM	Number of permanent labourers				Number of temporary labourers			
	Males	Females	Children		Males	Females	Children	
			Boys	Girls			Boys	Girls
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1.Number								
2.Period in no. of days								

59. Record the number of employees by payment form in the table below

Form of payment	Number of permanent labourers				Number of temporary labourers			
	Males	Females	Children		Males	Females	Children	
			Boys	Girls			Boys	Girls
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. With money								
2. With farm produce								
3. Exchange of labour								
4. Other forms of in kind payment								

**Section 2.18 Livestock**

60. Is there any livestock or poultry reared on the holding?

Yes ..... 1

No..... 2 → Qn 62

61. if yes record the number of livestock and poultry reared on the holding

Type	Code	Total Number	Of which owned by female members
	(Circle code if animal type is kept/reared)		
(1)	(2)	(3)	(4)
1. Indigenous cattle	1		
2. Exotic/ Cross	2		
3. Goats	3		
4. Sheep	4		
5. Pigs	5		
6. Local Chicken	6		
7. Exotic Chicken	7		

**Section 2.19 Aquaculture**

**62. Is aquaculture practiced on the holding?**

Yes..... 1  
 No..... 2 → Qn 68

**63. Area of aquaculture according to type of site**

Serial N°	Type of site	Total area (Sq meters)	Of which managed by HH female members
(1)	(2)	(3)	(4)
1	Land based – Arable land		
2	Land based – Non-arable land (e.g. wetlands)		
3	Inland open water		

**64. Area of aquaculture according to type of Production facility**

Serial N°	Type of site	Total area (Sq meters)	Of which managed by HH female members
(1)	(2)	(3)	(4)
1	Rice-cum-fish culture		
2	Ponds		
3	Pens, cages and hapas		
4	Tanks and raceways		
5	Floating rafts, lines, ropes, bags and stakes		

**65. Was aquaculture on holding carried out using water of the type below?**

Serial N°	Water type	Circle if type is used
(1)	(2)	(3)
1	Fresh water	A
2	Brackish water	B
3	Salt water	C

**66. What is the source of water for aquaculture?**

Serial N°	Water Source	Circle if source is used
(1)	(2)	(3)
1	Rain-fed	A
2	Ground water	B
3	Rivers / canals	C
4	Lakes/Reservoirs	D
5	Dams	F

**67. What type of aqua-cultural organism is cultivated?**

Serial N°	Aqua cultural organism cultivated	Circle if type is cultivated
(1)	(2)	(3)
1	Freshwater fish	A
2	Diadromous fish	B
3	Marine	C
4	Crustaceans	D
5	Molluscs	E
6	Other aquatic animals	F
7	Aquatics plants	G

### Section 2.20 Apiary (Bee keeping)

68. Is apiary practiced on the holding?

Yes..... 1  
 No..... 2      **—————>**      Qn 70

69. Record number of bee hives colonised or not colonized by type and by honey quantity produced during the last 12 months

Hive Type	Number;	Production (Kg)	
		Colonized	Not colonized
(1)	(2)	(3)	(4)
Local	1	<input type="text"/>	<input type="text"/>
Kenya Top Bar (KTB)	2	<input type="text"/>	<input type="text"/>
Langstroth	3	<input type="text"/>	<input type="text"/>
Others	4	<input type="text"/>	<input type="text"/>

### Section 2.21 Forestry

70. Is there a forest on the holding?

Yes..... 1  
 No..... 2      **—————>**      Qn 74

71. Area of forestry and other wooded land (in Hectares)

Ser	Type	Area (as primary land use)	Area (as Secondary land use)	Total
(1)	(2)	(3)	(4)	(5)
1	Forestry	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	Other wooded land	<input type="text"/>	<input type="text"/>	<input type="text"/>

72. What is the main purpose of forest and other wooded land?

Production..... 1  
 Soil and water management..... 2  
 Multiple use..... 3  
 Other..... 4

73. Is agro-forestry being practiced on the holding this year?

Yes..... 1  
 No..... 2

### Section 2.22 Household food security

74. Have there been periods during the past 12 months that household members could not afford to eat what they normally would eat?

Yes..... 1  
 No..... 2      **—————>**      Qn 81

75. In which months did the food shortage occur? (circle letter if month is mentioned)

2007				2008							
Sept	Oct	Nov	Dec	Jan	Feb	Mar	April	May	June	July	Aug
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
A	B	C	D	E	F	G	H	I	J	K	L

76. What were the reasons for food shortage?

(1)	Reason	Select the main 3 in order of importance	
		Write in the boxes given on the right	
(2)	(3)		
01	Loss of crops / Insufficient production	A	
02	Lack of jobs	B	
03	Inability to work because of illness or injury	C	
04	Disabled, old age	D	
05	Lack of adequate land	E	
06	Lack of adequate capital	F	
07	Family too big	G	
08	Lack of adequate labour	H	
09	Over selling produce	I	
10	Loss of livestock	J	
09	Others	X	
09	Don't Know	Z	

Codes		
1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>
<input type="text"/>	<input type="text"/>	<input type="text"/>





**Section 2.23 Other Economic Production Activities:**

**81.** Are there other economic production activities on the holding enterprise?

Yes..... 1

No..... 2 → Qn 83

If yes by whom.....

**82.** Circle the appropriate codes against each production activity.

Other Economic production activities of the holding's enterprise	Male HH members	Female HH members	Children
(1)	(2)	(3)	(4)
Other agricultural production	A	A	A
Agricultural services	B	B	B
Hunting, trapping, game propagation and related service activities	C	C	C
Forestry, logging and related service activities	D	D	D
Fishing, aquaculture and related service activities	E	E	E
Manufacturing,	F	F	F
wholesale and retail trade	G	G	G
Hotels and Restaurants	H	H	H
Other	X	X	X

**Section 2.24 Sources of Household Income**

**83:** What are the other sources of income for the holding?

Sources of Income	Code	Income source code (Rank from 1 starting with most important)		
		Male HH members	Female HH members	Children
(1)	(2)	(3)	(4)	(5)
Income derived from economic production activities other than agricultural production	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Income from paid employment	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pensions and investment income	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remittances-Internal (within Uganda)	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Remittances-External (outside Uganda)	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Annex 1

Column 9 and 11: Main and secondary activity	
Crop Production.....	01
Livestock Production.....	02
Fisheries.....	03
Forestry.....	04
Horticulture.....	05
Fruity culture.....	06
Trader.....	07
Artisan.....	08
Agricultural paid job outside the holding.....	09
Non-agricultural paid job.....	10
No activity -looking for work .....	11
No activity – not looking for work.....	12
Student.....	13
Household work.....	14
Child less than 8 years old.....	15
Apiary.....	16

Column 10 and 12: Type of main and secondary activity	
Own account worker (independent).....	1
Employer.....	2
Paid worker.....	3
Non-paid family worker.....	4
Task worker.....	5
Doesn't apply.....	6

Codes for col .7: Educational Codes	
Never been to school.....	00
Did not complete Primary one (P1).....	10
P1.....	11
P2.....	12
P3.....	13
P4.....	14
P5.....	15
P6.....	16
P7.....	17
J1.....	21
J2.....	22
J3.....	23
S1.....	31
S2.....	32
S3.....	33
S4.....	34
S5.....	35
S6.....	36
Incomplete certificate training.....	41
Complete Certificate training.....	42
Incomplete diploma training.....	43
Complete Diploma training.....	44
Incomplete degree.....	51
Complete Degree.....	52
Incomplete Post Graduate training.....	53
Complete Post Graduate Training.....	54
Functional Adult Literacy training.....	60
Complementary Opportunity for Primary Education.....	61
Incomplete vocational training.....	62
Complete Vocational Training.....	63
Other, specify.....	64