

# **The Uganda National Panel Survey (UNPS) 2010/11**

## **Basic Information Document**

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# 1 Overview

Uganda has experienced strong economic growth over the past two decades, and has made great strides towards improving the quality of life and access to services. In order to continue to promote pro-poor economic growth, the Government of Uganda (GoU) developed the National Development Plan (NDP) and a Joint Budget Support strategy as part of the implementation of the National Development Strategy (NDS).

The GoU recognizes the need for adequate data collection to effectively monitor outcomes of the National Development Strategy (NDS). For this purpose, the Uganda Bureau of Statistics (UBOS) is implementing the Uganda National Panel Survey (UNPS) program, with financial and technical support from the Government of Netherlands, and the World Bank Living Standards Measurement Study – Integrated Surveys on Agriculture (LSMS-ISA) project.

The UNPS is a multi-topic panel household survey that commenced in 2009/10. One of the primary uses of the UNPS is to inform policymaking in advance of the Budget, through descriptive reports that are made ready in time for the initial work on sector budget framework papers.

## 1.1 *Survey Objectives*

The UNPS aims at producing annual estimates in key policy areas and at providing a platform for experimenting with and assessing of national policies and programs. Explicitly, the objectives of the UNPS include:

1. To provide information required for monitoring the National Development Strategy, of major programs such as National Agricultural Advisory Services (NAADS) and General Budget Support, and also to provide information to the compilation of the National Accounts (e.g. agricultural production);
2. To provide high quality nationally representative information on income dynamics at the household level and provide annual information on service delivery and consumption expenditure estimates to monitor poverty and service outcomes in interim years of other national survey efforts, such as the Uganda National Household Survey (UNHS), Uganda Demographic and Health Survey (UDHS) and National Service Delivery Surveys (NSDS);
3. To provide a framework for low-cost experimentation with different policy interventions to e.g. reduce teacher absenteeism, improve ante- and post-natal care, or assessing the effect of agricultural input subsidies;
4. To provide a framework for policy oriented analysis and capacity building substantiated with the UGDR and support to other research which will feed into the Annual Policy Implementation Review; and

5. To facilitate randomized impact evaluations of interventions whose effects cannot currently be readily assessed through the existing system of national household surveys.

## **1.2 Survey Design**

The UNPS is carried out annually, over a twelve-month period on a nationally representative sample of households, for the purpose of accommodating the seasonality associated with the composition of and expenditures on consumption. The survey is conducted in two visits in order to better capture agricultural outcomes associated with the two cropping seasons of the country. The UNPS therefore attempts to interview each household twice each year, in visits six months apart. Starting in 2009/10, the UNPS has been set out to track and reinterview 3,123 households that were previously interviewed for the Uganda National Household Survey (UNHS) 2005/06. In **2009/10**, the final UNPS sample consisted of **2,975** households following (i) the attrition among the original households from the 2005/06 sample and (ii) the new split-off households tracked and interviewed during the 2009/10 field work. In **2010/11**, the final UNPS sample stood at **2,716** households. Refer to the **UNPS 2009/10 Basic Information Document** for detailed information on the UNPS survey design and the methodology underlying the calculation of the UNPS 2010/11 panel sampling weights.

## **2 Survey Questionnaires – Review of Sections**

As mentioned earlier, the UNPS 2010/11 featured five questionnaires, namely Household Questionnaire, Woman Questionnaire, Agriculture Questionnaire, Community Questionnaire and Market Questionnaire. Unlike UNPS 2009/10 when the questionnaire instruments were on paper, the UNPS 2010/11 had its Household and Woman questionnaires administered on a computer-assisted personal interviewing (CAPI) platform on ultra-mobile personal computers (UMPC). The rest of the questionnaire instruments remained on paper with strengthened field-based data entry and processing protocols. Each of the questionnaire instruments is divided into a number of sections and the level of observation for each section varies accordingly. The tables 1-4 below provides an overview of the sections of the Household, Agriculture, Community and Woman questionnaires, associated data files, and key identifiers.

### **2.1: Explanatory notes by section – Household Questionnaire**

#### **Section 1A: Household Identification Particulars**

UNPS 2010/11 database includes the UNHS 2005/06 enumeration area (EA) identifiers for all sample households. Given the household/individual movements over time, this EA identifier cannot be assumed as the location of the household at the time of the UNPS 2010/11 interview. Leading up to the 2010/11

field work, a complication was that the district/county/sub-county/parish boundaries were being changed, and a numerical geocoding system was not in place. The locations of the households at the time of the 2010/11 interview were therefore recorded in a non-numerical but consistent fashion, in accordance with the list of districts/counties/sub-counties/parishes obtained from the Ministry of Local Government in August 2010. Variable **hh\_status** identifies non-mover original/mover (in-tact) original/split-off households. For the purposes of the UNPS 2010/11, an original household is equivalent to any household that was interviewed during the 2009/10 fieldwork, as such those that were labelled as mover (in-tact) or split-off households at the time of the 2009/10 interview were assumed to be “original” at the start of the 2010/11 fieldwork. Variables **spitoff09\_10** and **spitoff10\_11** identify split-off households that were tracked during the 2009/10 and 2010/11 field work, respectively.

## **Section 1B: Staff Details and Survey Time**

The Supervisors, interviewers and data entry operators were all required to record their particulars in this section. Time taken to conduct interviews was recorded. The data also include the date on which the household questionnaire was administered in full.

## **Section 2: Household Roster**

The purpose of this section is to:

- (i) Identify all persons who are members of the household;
- (ii) Provide basic demographic information such as age, sex and marital status of each household member; and
- (iii) Identify any changes to household members since the first visit

The respondent for this section was mainly the household head. In the absence of the household head the next person who is acting as household head would be interviewed. It was a requirement that respondent must be a usual member of the household and should be capable of providing all the necessary information about other members of the household. Other household members also helped in providing information or details on particular questions concerning them.

In UNPS 2010/11, a **household** was defined as a group of people who have **normally** been living and eating their meals together for at least 6 of the 12 months preceding the interview. Therefore, the member of the household is defined on the basis of their usual place of residence.

## **Section 3: General Information on Household Members**

This section captured general information on all members of the household specifically on:

- (i) Parents of household members who sometimes do not live in the same dwelling as the household members.
- (ii) The salient moves (migration status) made by members of the household.
- (iii) Malaria indicators: use and treatment of mosquito nets.

The respondents for questions in the first half of this section (columns (1) – (7)) were all members of the household below 18 years while the questions in the second half applied to all members of the household. To the extent possible each person was asked directly. If someone was not available or too young to answer then the household head, spouse, or another well-informed member of the household would answer these questions.

#### **Section 4: Education**

The objective of this section was to measure the level of education or formal schooling of all household members aged 5 years and above, and to collect educational expenditures associated with each. Information was mainly collected on (i) the literacy status of household members – i.e. member of the household who could read and write; (ii) the educational attainment of each respondent and the type of school attended; and (iii) amount spent on education of household member's during the past 12 months, among others.

#### **Section 5: Health**

This section collected information on illness and injuries among household members during the past 30 days, use of health facilities and medical expenses for treating the illnesses or injuries. The respondents for the section were all members of the household, but parents or a knowledgeable adult (preferably female) could answer for young children.

#### **Section 6: Child Nutrition and Health**

These questions were asked with a view of obtaining a better picture of the diversity of the child's diet. Only children aged from 0 to 59 months and living with a mother or caretaker in the sampled households are eligible for the questions. The questions were answered by the mothers /caretakers of the children because they are considered more knowledgeable about the children. Height and weight measures were obtained for all children aged 6 to 59 months using anthropometric equipment.

#### **Section 7: Disability**

This section gathered information on:

- (i) Self-reported limitations on usual activities due to illness and caring for sick member of the household;
- (ii) Disability as a difficulty to be measured (both adults and children)

The questions applied to all members of the household aged 5 years and above. In some instances, parents or knowledgeable adults (preferably female) would answer for young children.

## **Section 8: Labour Force Status**

This section acted as a screening section to determine which respondents should be asked about employment and which should be asked the questions that address labor force participation, unemployment, and job search. It also determined the reason for absence for those people who had a job or business but were not at work the previous week. All household members aged 5 years and older were classified into three broad groupings i.e. employed, unemployed, and not in the labor force.

**Employed persons** were defined as those who were working at a paid job or business or who were working unpaid at a household business or farm **for at least one hour during the reference week**, or who did not work during the reference week but held a job or had a business from which they were temporarily absent.

**Unemployed persons** were classified as those individuals who did not work at all during the reference week and who were not absent from a job, but who actively looked for work during the past four weeks and were available to work in the reference week. Persons who were on layoff from a job to which they expected to return and were available to work during the reference week are also classified as unemployed, even if they did not actively look for work. The sum of the employed and the unemployed constituted the **labor force**. (*Persons **not in the labor force** were those who were neither employed nor unemployed. They did not work, they were not absent from work and they did not actively look for work in the past four weeks*).

## **Section 9: Household and Housing Conditions**

Data from this section was aimed at measuring the quality of housing occupied by the household currently. Information was collected on the type of dwelling, occupancy status, the physical characteristics of the dwelling, and access to basic services (including water, electricity and sanitation). A dwelling was defined as a building or a group of buildings in which the household lived. It could be a hut, a group of huts, a single house, a group of houses, an apartment, several one-room apartments, etc.

## **Section 10: Energy Use**

Information obtained in this section aimed at measuring the access and utilization of energy fuels especially for lighting and cooking.

## **Section 11: Household Incomes**

This section gathered information on income transfers i.e. all incomes of household members other than that from paid and/or self-employment during the past 12 months.

## **Section 12: Non-agricultural Enterprises/Activities**

This section collected information the presence of non-agricultural household enterprises. It includes information income and employment derived from non-agricultural household enterprises. It identified which household member was responsible for each enterprise in terms of decision making and the allocation of income generated. It also covered the involvement of household enterprises in the credit market. The respondent for each enterprise was a member of the household best informed about the activities of the enterprise.

An enterprise was defined as any undertaking which is engaged in the production and/or distribution of some goods and/or services meant mainly for the purpose of sale whether fully or partly.

## **Section 13: Financial Services**

Information was collected on households' access and use of financial services. These included credit unions, micro financial institutions (MFI) and Savings and Credit Cooperatives (SACCO).

The main purpose of this section was to collect data to estimate the value of household, farm and non-farm enterprise assets. Information on ownership of assets was also collected.

## **Section 14: Household Assets**

This section aimed at collecting data to estimate the value of household, farm and non-farm enterprise assets. It also collected information on ownership of assets.

## **Section 15: Household Consumption Expenditure**

This section covered expenditures of the household with different reference periods depending on the frequency of purchases. It is separated into four parts which include: (a) food, beverages and tobacco;(b)

non-durable goods and frequently purchased services;(c) semi-durable and durable goods and services; and (d) non-consumption expenditure.

The major emphasis of the section was mainly on consumption and not monetary expenditures. Although the two are very close, they are not the same. Household consumption expenditures in cash, kind or through barter were recorded for the household only. For bartered items the value of the item paid for (not the value one got in exchange) was recorded. Food, beverages or tobacco served to other members and guests in the household during the reference period were however included. The respondent for this section was the person (household member) who managed the household budget and was the best informed about the household's consumption expenditure.

### **Section 16: Shocks and Coping Strategies**

Shocks were defined as events that happen suddenly. Usually they have a marked beginning and end. While they last for a short time, a few days or weeks, usually their effects are felt for a longer time. It was noted that a shock can be household specific or community wide. Examples of shocks include floods, rebel raids, livestock disease, fire, etc. For example, petty theft of household property was not considered as a shock.

### **Section 17: Welfare Indicators and Food Security**

The Purpose of this section was to collect information on vital needs and living conditions of households during the last 12 months. It provided additional information to assess household welfare. Food security exists when all people, at all times, have physical and economic access to sufficient, safe and nutritious food to meet their dietary needs and food preferences for an active and healthy life. (FAO)

### **Section 18: Transport Services**

Information was collected on access to and use of transport services. These included access to road infrastructure. A **road** was defined as an open way for the passage of vehicles, persons or animals. **Trunk roads** are main roads maintained by the central government and they are normally connecting a district to other districts. These can either be tarmac or murram roads and they are normally six (6) metres and above in width. **District/Feeder roads** are major roads joining Trunk roads and are maintained by the district authorities. **Community roads** on the other hand are roads (excluding footpaths) connecting villages and are normally maintained by the communities themselves.



**Table 1 : Organization of the UNPS 2010/11Household Questionnaire**

<b>Section</b>	<b>Level of Observation</b>	<b>Data File</b>	<b>Key Identifiers</b>
Household Identification Particulars	Household	GSEC1.dta	HHID
Household Roster	Individual	GSEC2.dta	PID
General Information on Household Members	Individual	GSEC3.dta	PID
Education	Individual	GSEC4.dta	PID
Health	Individual	GSEC5.dta	PID
Child Nutrition and Health	Individual	GSEC6.dta	PID
Disability	Individual	GSEC7A.dta	PID
Rehabilitation	individual	GSEC7B.dta	PID
Labour Force Status	Individual	GSEC8.dta	PID
Housing Conditions, Water and Sanitation	Household	GSEC9A.dta	HHID
Person collects water	Household	GSEC9B.dta	HHID h9q15a
Energy Use	Household	GSEC10A.dta	HHID
Energy Use cont'd	Fuel Type	GSEC10B.dta	HHID h10q13_1
Other Household Income in Past 12 months	Income Type	GSEC11.dta	HHID h11aq03
Non-Agricultural Household Enterprises/Activities	Enterprise	GSEC12.dta	HHID h12q3a
Financial Services Use	Household	GSEC13A.dta	HHID
Household Assets	Asset Type	GSEC14.dta	HHID h14q2
Household Consumption Expenditures – Food, Beverages and Tobacco (Last 7 days)	Consumption Item	GSEC15B.dta	HHID h15bq2
Food Fortification	Consumption Item	GSEC15BB.dta	HHID h15bqid
Household Consumption Expenditures – Non-Durable Goods and Frequently Purchased Services (Last 30 days)	Consumption Item	GSEC15C.dta	HHID h15cq2
Household Consumption Expenditures – Semi-durable and Durable Goods and Services (Last 365 days)	Consumption Item	GSEC15D.dta	HHID h15dq2
Non-Consumption Expenditures (Last 365 Days)	Consumption Item	GSEC15D.dta	HHID h15dq2
Shocks and Coping strategies	Shock Type	GSEC16.dta	HHID h16q00
Welfare and Food Security	Household	GSEC17A.dta	HHID
Transport Services and Road Infrastructure	Road Type	GSEC18.dta	HHID h18q1
Transport Services and Road Infrastructure cont'd	Household	GSEC18A.dta	HHID
Transport Services and Road Infrastructure cont'd	Activity	GSEC18B.dta	HHID h18q9
Identification of Agricultural Households	Household	GSEC19.dta	HHID

## *2.2: Explanatory notes by section – Agriculture Questionnaire*

The purpose of the agricultural module in the household survey was to give a better descriptive picture of Uganda's farm economy, and deeper insight into factors affecting farm incomes. These would include a better understanding of the influence of farmers' resources and marketing opportunities on farm-household income, and some sense of how farmers' situation has changed in the past few years.

The agriculture module was administered in two visits to the selected households. During the first visit, agricultural production data was collected on the first cropping season of 2010(January – June 2010). The second visit collected agricultural production data on the second cropping season of 2010(July – December 2010).

The main or first agricultural season normally refers to the growing cycle of temporary crops that are planted and harvested in the first half of the year, occasionally extending up to the end of June. It thus covers the period between January and June. The second agricultural season is generally the period between July and December. It should be noted that seasons are directly related to rains and only indirectly related to the growing cycle of crops. The first rains are generally longer than the second rains. However, it is also noted that some areas in Uganda have only one significant agricultural season.

### **Section 1A: Household Identification Particulars**

Information in this section was distributed by the Headquarters staff to the field teams before starting data collection. Names and codes pertaining to the selected Enumeration Areas (EAs) were provided by UBOS to the team leaders prior to fieldwork. An EA generally does not have its own name but is known by the name of the LC1 that is associated with it.

### **Section 1B: Staff details and survey time**

The Supervisors, interviewers and data entry operators were all required to record their particulars in this section. Time taken to conduct interviews was also recorded.

### **Section 2: Current land Holdings and land that the household has access through use rights**

The purpose of this section was to have a complete list of all the parcels owned and/or operated as well as rented by the household during the first season of 2010and the second season of 2010. This section captures information in two parts; Section 2 part A captures information concerning current land holdings and section 2 part B captures information pertaining to land that a household has access to through use rights. The questions were administered to households who had been involved in crop farming during the last completed and the current cropping seasons. Information was collected on agricultural land that

these households had access during the reference period. Issues of land tenure status and land user rights were also investigated.

### **Section 3A & 3B: Agricultural and labour inputs**

This section collected information on non-labor and labor input applications at the parcel-plot-level during the first cropping season (January-June 2010) and second cropping season (July –December 2010) in part A and B, respectively.

### **Section 4A & 4B: Crops grown and type of seeds used**

The purpose of this section was to collect information on crop cover of parcels farmed by the household. Data was collected on crops planted by the household during the first cropping season (January-June 2009) and second cropping season (July –December 2010) on each plot on each parcel accessed by the household through ownership or user rights, in part A and B, respectively.

### **Section 5A & 5B: Quantification of Agricultural Production**

Information on agricultural production is collected at the parcel-plot-crop-level separately for the first cropping season (January-June 2010) and second cropping season (July –December 2010) in part A and B, respectively. This section also collects data on how the household used the harvested produce.

### **Sections 6A, 6B & 6C: Livestock ownership**

The data on the ownership of (i) cattle and pack animals, (ii) small animals, and (iii) poultry and other animals are solicited in sections 6A, 6B, and 6C, respectively. Each section collects information on dynamics of household livestock ownership at animal-type level over a given reference period, earnings from animal sales, and expenditures on animal purchases. If the household cared for animals that belonged to others, interviewers were instructed to record only ownership, sales and purchases of animals the household was entitled to keep, for instance the baby goats or sheep that the household keeps in return for caring the flock.

### **Section 7: Livestock expenditure and income**

The purpose of this section was to estimate cash earnings from livestock products i.e. the difference between the revenues a household earns from selling animal by-products and the expenditures necessary to raise the animals. Earnings from the sale of animal products produced from other purchased animal products were not included, for example, revenues from the sale of butter/cheese produced from milk bought in the market.

### **Section 8: Livestock Products**

This section collected information on the production and sales of livestock by-products. The reference period was generally last 12 months unless otherwise.

### **Section 9: Extension Services**

The section collected information on agricultural technology and extension services. It covered access to extension services and access to and demand for agricultural technology. Extension workers were defined as individuals employed by the government or non-governmental organizations who work as an agricultural development agents for contacting and demonstrating improved farming methods to farmers. They are responsible for organizing, disseminating, guiding and introducing technical methods in agricultural production directly to farmers, and for facilitating farmers coming into contact with cultivation methods to promote agricultural production.

### **Section 10: Farm Implements and Machinery**

This section collected information on agricultural implements and machinery. It collects information in regard to ownership and estimated value both in cash and in kind of the implements and it has a reference period of 12 months.

**Table 2 : Organization of the UNPS 2010/11 Agriculture Questionnaire**

<b>Section</b>	<b>Level of Observation</b>	<b>Data File</b>	<b>Key Identifiers</b>
Household Identification Particulars	Household	AGSEC1.dta	HHID
Current Land Holdings - 1 <sup>st</sup> /2 <sup>nd</sup> Visit	Parcel	AGSEC2A.dta	HHID prcid
Land That the Household Has Access Through Use Rights - 1 <sup>st</sup> /2 <sup>nd</sup> Visit	Parcel	AGSEC2B.dta	HHID prcid
Agriculture and Labour Inputs – 1 <sup>st</sup> Visit	Parcel-Plot	AGSEC3A.dta	HHID prcid pltid
Crops Grown and Types of Seeds Used – 1 <sup>st</sup> Visit	Parcel-Plot-Crop	AGSEC4A.dta	HHID prcid pltid cropID
Quantification of Production – 1 <sup>st</sup> Visit	Parcel-Plot-Crop	AGSEC5A.dta	HHID prcid pltid cropID
Agriculture and Labour Inputs – 2 <sup>nd</sup> Visit	Parcel-Plot	AGSEC3B.dta	HHID prcid pltid
Crops Grown and Types of Seed Used – 2 <sup>nd</sup> Visit	Parcel-Plot-Crop	AGSEC4B.dta	HHIF prcid pltid cropID
Quantification of Production – 2 <sup>nd</sup> Visit	Parcel-Plot-Crop	AGSEC5B.dta	HHID prcid pltid cropID
Livestock Ownership – Cattle and Pack Animals	Livestock Type	AGSEC6A.dta	HHID a6aq3
Livestock Ownership – Small Animals	Livestock Type	AGSEC6B.dta	HHID a6bq3
Livestock Ownership – Poultry and Others	Livestock Type	AGSEC6C.dta	HHID a6cq3
Livestock Expenditure	Expenditure Type	AGSEC7.dta	HHID a7q2
Livestock Products and Income	Livestock Product	AGSEC8.dta	HHID a8q2
Extension Services	Extension Source	AGSEC9.dta	HHID a9q2
Farm Implements and Machinery	Implement Type	AGSEC10.dta	HHID itmcd

### ***2.3: Explanatory notes by section – Community Questionnaire***

The community survey aimed at collecting information relating to communities residing in the sampled EAs. The administrative unit for collection of community data was mainly the LC1, although there were specific questions for the Sub-county Chief. The community survey information was collected by interviewing key informants within the institutions of interest. These included community members and heads of selected facilities.

#### **Section 1: Community Identification Particulars**

Most of the information in this section was obtained from headquarters by field teams before starting data collection. A provision was made to record details for each of the subsequent 4 sectors on which data was collected. These included names of respondents and responses status for each sector.

#### **Section 2: Availability of services within the community**

The purpose of this section was to obtain general information on the social infrastructure nearest to the community. Information was collected from community leaders. The social facilities on which data was collected included schools/other education facilities, banks, markets, agricultural and fisheries services, police and army facilities, various types of health facilities, water and sanitation facilities as well as works and transport services .

#### **Section 3: Education (Primary)**

Information for this section was provided by a knowledgeable school official preferably the headmaster or someone nominated by him/her. Data was collected on both the most popular and the nearest primary schools. These schools on which data was collected were not necessarily located within the LC1 covered.

#### **Section 4: Health services**

In this section, information was collected on the most commonly used public and private health facilities. The respondent for this section was an authorized or knowledgeable health official at the facility preferably the head of the facility. The health facility targeted would be a place that had qualified doctors/nurses/medical attendants for treating patients including dressing and emergency attention facilities and would in addition be selling medicines to patients. Individual doctors, practitioners, etc, doing only consultation, with very limited supply of medicines were excluded. However, Doctors with moderate treatment and medical attention facilities were included.

### **Section 5: Works and Transport**

The respondent for this section was the sub-country chief. Information was mainly collected on the availability, use and maintenance of works and transport infrastructure.

### **Section 6: Community Characteristics, Groups, needs and resources**

The respondent to this section is a group of community members. Information is collected on the number of households in the community and land utilisation. Information is also collected on the different community groups, NGOS working within the community, the community needs, actions and achievements as well as communal resource management.

**Table 3 : Organization of the UNPS 2009/10 Community Questionnaire**

<b>Section</b>	<b>Level of Observation</b>	<b>Data File</b>	<b>Key Identifiers</b>
Identification Particulars	EA	CSECTION1.dta	comcod
Service Availability in LC1	Service type	CSECTION2A.dta	comcod c2asn
Client satisfaction with health facilities	EA	CSECTION2B.dta	comcod
Water and Sanitation	EA	CSECTION2C.dta	comcod
Primary school identification and management	EA	CSECTION3.dta	comcod
Availability of Facilities at School	Facility type	CSECTION3A.dta	comcod c3asn
Condition of toilets	EA	CSECTION3B.dta	comcod
Water facilities at the School	Water facility type	CSECTION3C.dta	comcod c3csn
Payment for Services by Parents/Guardians	Item	CSECTION3D.dta	comcod c3dsn
Academic Performance of pupils in PLE	Year	CSECTION3E.dta	comcod c3e
Incidence of leaving school prematurely	Year	CSECTION3F.dta	comcod c3f
School meetings	Type of meeting	CSECTION3G.dta	comcod c3gsn
Staffing at the School	Staffing position	CSECTION3H.dta	comcod c3hsn
Supervision/Monitoring of School during last 12 months	Supervisor/monitor	CSECTION3I.dta	comcod c3isn
Problems/constraints faced by School	Problem type	CSECTION3J.dta	comcod c3jsn
Learner attendance, Teacher presence and qualifications and other classroom elements	Class	CSECTION3K.dta	comcod c3kq51
Accountability in the school	Item Visit	CSECTION3L.dta	comcod c3lsn visit
Health facility identification and management	EA	CSECTION4.dta	comcod
Work at Night	EA	CSECTION4A.dta	comcod
Availability of equipments/ services at the facility	EA	CSECTION4B.dta	comcod
Services offered by Health facility	Service type	CSECTION4C.dta	comcod c4csn
Common diseases reported at Health facility	EA	CSECTION4D.dta	comcod
Common stock-outs reported by Health Facility	Drug supplies	CSECTION4E.dta	comcod c4esn



<b>Table 3 (Cont'd)</b>			
Items bought by patients visiting the Health facility	EA	CSECTION4F.dta	comcod
Deliveries at the facility	EA	CSECTION4G.dta	comcod
Health facility Identification for HMIS	EA	CSECTION4H1.dta	comcod
Validation of HMIS	Data element, period	CSECTION4H2.dta	comcod
Epidemic reporting	EA	CSECTION4I.dta	comcod
General operations	EA	CSECTION4J.dta	comcod
Sanitary Facilities Available at the Health Facility	EA	CSECTION4K1.dta	comcod
Access to Water at the Health facility	Water facility type	CSECTION4K2.dta	comcod c3csn
Factors Limiting provision of Health Services	Limiting factor	CSECTION4L.dta	comcod c4lsn
Supervision/Monitoring of Health Facility	Supervisor/monitor	CSECTION4M.dta	comcod c4msn
Village Health Teams	EA	CSECTION4N.dta	comcod
Staffing at the Health Facility	Positions	CSECTION4O1.dta	comcod c4osn
List of Medical Staff working at the Facility	Medical staff visit	CSECTION4O2.dta	comcod c40sn2 visit
Works and Transport	EA	CSECTION5.dta	comcod
Infrastructure availability and condition	Item type	CSECTION5A.dta	comcod c5asn
Maintenance and Repair of Infrastructure	Item type	CSECTION5B.dta	comcod c5bsn
Funding for Maintenance of Roads/Bridges/Culverts	Item type	CSECTION5C.dta	comcod c5csn
Constraints faced in the maintenance and repair of roads	Item type	CSECTION5D.dta	comcod c5dsn
Community characteristics	Community	CSECTION6A1.dta	comcod
Community characteristics	Type	CSECTION6A2.dta	comcod c6q2a
Community groups	Group	CSECTION6B.dta	comcod c6bcod
NGOs in the community	NGO	CSECTION6C.dta	comcod c6cngo
Community Needs, Actions and Achievements	Item	CSECTION6D.dta	comcod c6dcod
Communal Resource Management	Resource	CSECTION6E.dta	comcod c6ecod
Communal Resource Management	Community	CSECTION6F.dta	comcod

## 2.4: Explanatory notes by section – Woman Questionnaire

### 5: Explanatory notes by section – Woman Questionnaire

The intention of the Woman module in the household survey was to gather information relating to knowledge and use of contraceptives among women as well as their birth history. This questionnaire was administered to all women aged 15-49 years in the households.

#### Section 2A: Contraception

Information on contraceptives in the survey was collected by asking females in the households within the reproductive age of 15-49 years to name the different ways or methods that one would use to avoid or delay getting pregnant. The interviewers would then describe the methods mentioned to the respondent in case she failed to mention any spontaneously. They would go further to ask the respondent if they have ever used each of the methods and the ones that they are currently using with their partner.

#### Section 2B: Birth History

The purpose of this section was to obtain information on the birth history of eligible women in the household (15-49 years). Information was mainly collected on the number of children ever born whether dead or alive as well as birth information on last child born in the last five years (whether living or dead).

**Table 4 : Organization of the UNPS 2010/11 Woman's Questionnaire**

<b>Section</b>	<b>Level of Observation</b>	<b>Data File</b>	<b>Key Identifiers</b>	<b>Remarks</b>
Contraception and Birth Related Issues: Contraception	Contraception Type	WSEC2A.dta	PID w2aq1_2	Information obtained for women aged 15-49 years on their knowledge and use of contraceptives as well as birth history
Contraception and Birth Related Issues: Birth History	Individual	WSEC2B_1	PID	
Contraception and Birth Related Issues: Birth Assistance	Assistance Type	WSEC2B_2	PID w2bq9a	

### **3 Other related instructions/codes**

#### ***3.1: Area Measurement using Global Positioning System (GPS)***

The GPS was mainly used in measuring parcels owned and/or operated by the selected households located within the EA and crop plot area for the respective cropping season of 2010. The GARMIN 12 hand-held Global Positioning System (GPS) equipment was used. The GPS equipment is in principle a high precision digital watch combined with a signal receiver. The field supervisors were responsible for ensuring availability of fully charged batteries for the GPS equipment and also ensuring that they were handled with great care and stored in a safe place when not in use. Details on GPS equipment were well documented and rigorous training about use of GPS was given to the interviewers before actual data collection.

#### ***3.2: Other Codes***

There were a number of sections for which the respective codes could not fit within the cell/page where the question was located. For these questions, a separate code sheet was provided in the instructions manual. These code lists included:

- Reason for staying in the household for less than 12 months
- Highest level of education attained
- Current schooling status
- Ethnicity
- International Standard Classification of Occupations (ISCO)
- International Standard Industrial Classification (ISIC)
- Units of Quantity
- Crop Codes
- Condition and state of crops harvested

## 4 Field Work Organization

Prior to starting fieldwork enumerators and supervisors were re-trained for a period of approximately two weeks with many practical sessions on computer-assisted personal interviewing (CAPI). The supervisors and enumerators were trained in separate sessions so as to understand the role of each as well as to familiarize themselves with the new mode of data collection. The structure of the implementation of the UNPS 2010/11 wave consisted of 9 mobile field teams, each of which was comprised of a driver, a supervisor, three enumerators, and a data entry operator. Each mobile team required a vehicle, a data entry laptop, GPS units for the enumerators, and anthropometric equipment (height and weight scales). The data entry for the Agriculture module, community module and market module was done in the field, which meant that the questionnaires were keyed in and checked for errors prior to the departure from each EA whereas the household data was collected directly on the UMPC using CWEST. Given internet access, the supervisors sent the data electronically from the field at the conclusion of data entry for each EA and compilation of data collected from each cluster within the CWEST application.

The teams went on a two to three week-long trip each month. At the end of each trip, the teams reported back to the Headquarters. The main field work, which lasted from November 2010 to October 2011, was comprised of two six-month phases. All households were visited once in each phase with a portion of split-off individuals identified in phase 1 being visited only once across the 12-month period with the visit taking place in phase 2. The latter was mostly due to long-distance tracking cases where the survey teams simply did not have adequate time to track the households as part of phase 1 operations.

The two-visit field work structure was designed to accommodate the difficulties associated with solicitation of information on agriculture in the presence of multiple agricultural seasons. As is well-known, Uganda has two agricultural seasons, the first running from February to July/August and the second from August/September to December. To collect accurate information for each of the two agricultural seasons and minimize recall associated with agricultural decisions that the survey seeks information on, the survey households with the exception of a portion of split-off cases noted above, were visited twice in the course of 12 months.

The dual visits also enabled splitting the questionnaire material and worked towards reducing respondent fatigue. In each cluster, approximately half of the households were randomly selected for the entire household questionnaire to be administered in visit 1. As far as the household questionnaire is concerned, these households only received a roster update in visit 2. The rest of the sample received only the household roster in visit 1 (along with the half of the agriculture questionnaire, assuming that they were agricultural households), and the rest of the household questionnaire along with the household roster update in visit 2. This arrangement attempted to ensure an even distribution of households that

reported information on household consumption in each month of the main field work. The information solicited from each household in visit 1 was fed forward for visit 2.

#### *4.0: Tracking of Households*

Tracking considers the mobility of the target population, the success with which those who move are found and interviewed, and the number of refusals. In the Uganda National Panel Survey 2010/11 tracking was done both at household- and individual-level. It **aimed** at tracking all the 3,123 panel households previously interviewed as part of the UNHS 2005/6 and among these approximately 20% (2 households from each EA) was considered for individual tracking also known as split-off tracking. Split-off tracking during the 2010/11 field work also included tracking of split-off individuals that further moved away from the split-off households that were identified in 2009/10.

#### *4.1: Tracking of Households*

The UNPS 2010/11 aimed to track all households previously interviewed for UNHS 2005/06 and UNPS 2009/10. Panel households that were not interviewed during the 2009/10 still remained in the target household sample. Panel households that were interviewed in 2009/10 and that moved in-tact to another location in 2010/11 are referred to as shifted households. Once the location of the UNPS household was found, then the household would be interviewed. Failure to interview a household could be due to shifting to an unknown location, refusal or disintegration among others. Disintegrating means that each of the original household members had gone separate ways and none of them remained at the original location. If a household disintegrated, its members would only be tracked if it fell under the 20 percent sample for split-offs tracking otherwise none of the members of a disintegrated household would be tracked. If the tracked original household had new members as of the 2010/11 interview, the data on these individuals were solicited as well.

#### *4.2: Tracking of Split-offs*

As part of the management of individual/split-off tracking the UNPS chose to track a 20% sample households found in each of the 322 UNHS 2005/06 Enumeration Areas. The intention is to calibrate the size and composition of the sample of traceable split-offs (*currently referred to as tracking targets*) that will be actually tracked, so that it roughly compensates the losses due to attrition. In the UNPS 2009/10, a random sub-sample of two households from each EA was drawn from the already sampled panel households. These two households were referred to as split-offs tracking targets. It was then identified if any of the household members in 2005/06 of these two households had left the household. These movers were referred to as split offs (tracking targets). Once a split-off was identified, then it was tracked fully by

first gathering all the contact information about this split-off/mover as well information on their new location from the original household members and any other knowledgeable person. This information was filled in a questionnaire called the individual tracking form. Based on the details filled in this questionnaire, the mover was contacted if contacts were available, traced based on the location details given by the original household or the contacted mover and then interviewed. The interviewed split-offs as well as the members of the new household that they had formed or had joined in by the time of the UNPS 2009/10 interview then became part of the UNPS sample and will be interviewed in every wave of the UNPS, even if they shift to alternative locations in subsequent waves.

The same procedure was followed in UNPS 2010/11 and individuals that further moved away from the split-off households (from the 20% sample) were also tracked and interviewed and their households also joined the UNPS sample. It should be noted that only individuals that were related to the household head such as spouse, biological children, parents of the head or spouse, etc (codes 1-7 of Section 2 Question 4 in the household questionnaire) were tracked. Servants, other relatives and non-relatives (codes 8-96 ) were not tracked.

## **5 Linking UNHS 2005/06, UNPS 2009/10 & 2010/11**

The UNHS 2005/06 data that are provided could be linked with the UNPS 2009/10 & 2010/11 data at the household-individual- and community-levels through the unique household identifier (**HHID**), the unique individual identifier (**PID**), and the unique community identifier (**comm**), respectively. Given the attrition at the household- and individual-level, and the addition of new households and individuals to the UNPS sample in accordance with the protocols described above, the household- and individual-level matches across the UNHS 2005/06 and UNPS 2009/10 and 2010/11 waves will not be perfect. The variable **hh\_status** as part of GSEC1.dta of the UNPS 2010/11 package identifies (i) original households that were interviewed at the location of the 2009/10 interview, (ii) original households that were interviewed at an alternative location with respect to the location of the 2009/10 interview, and (iii) split-off households interviewed in 2010/11. The same variable was provided as part of the 2009/10 database to identify original non-mover, original mover and split-off households during the 2009/10 field work, with respect to the 2005/06 dwelling locations.

## Annex 1. Codes for Unit of Quantity

Sr. No.	UNIT	CODE
1	Kilogram (kg)	01
2	Gram	02
3	Litre	03
4	Small cup with handle (Akendo)	04
5	Metre	05
6	Square metre	06
7	Yard	07
8	Millilitre	08
9	Sack (120 kgs)	09
10	Sack (100 kgs)	10
11	Sack (80 kgs)	11
12	Sack (50 kgs)	12
13	Sack (unspecified)	13
14	Jerrican (20 lts)	14
15	Jerrican (10 lts)	15
16	Jerrican (5 lts)	16
17	Jerrican (3 lts)	17
18	Jerrican (2 lts)	18
19	Jerrican (1 lt)	19
20	Tin (20 lts)	20
21	Tin (5 lts)	21
22	Plastic Basin (15 lts)	22
23	Bottle (750 ml)	23
24	Bottle (500 ml)	24
25	Bottle (350 ml)	25
26	Bottle (300 ml)	26
27	Bottle (250 ml)	27
28	Bottle (150 ml)	28
29	Kimbo/Cowboy/Blueband Tin (2	29
30	Kimbo/Cowboy/Blueband Tin (1	30
31	Kimbo/Cowboy/Blueband Tin (0.5	31
32	Cup/Mug (0.5 lt)	32
33	Glass (0.25 lt)	33
34	Ladle (100 g)	34
35	Table spoon	35
36	Tea spoon	36
37	Basket (20 kg)	37
38	Basket (10 kg)	38
39	Basket (5 kg)	39
40	Basket (2 kg)	40
41	Loaf (1 kg)	41
42	Loaf (500 g)	42
43	Buns (200 g)	43
44	Buns (100 g)	44

Sr. No.	UNIT	CODE
44	Buns (100 g)	44
45	Buns (50 g)	45
46	Bathing soap (Tablet)	46
47	Washing soap (Bar)	47
48	Washing soap (Tablet)	48
49	Packet (2 kg)	49
50	Packet (1 kg)	50
51	Packet (500 g)	51
52	Packet (250 g)	52
53	Packet (100 g)	53
54	Packet (Unspecified)	54
55	Fish – Whole (Up to 1 kg)	55
56	Fish – Whole (1 - 2 kg)	56
57	Fish – Whole (Above 2 kg)	57
58	Fish - Cut piece (Up to 1 kg)	58
59	Fish - Cut piece (1 - 2 kg)	59
60	Fish - Cut piece (Above 2 kg)	60
61	Tray of 30 eggs	61
62	Ream	62
63	Crate	63
64	Heap (Unspecified)	64
65	Dozen	65
66	Bundle (Unspecified)	66
67	Bunch (Big)	67
68	Bunch (Medium)	68
69	Bunch (Small)	69
70	Cluster (Unspecified)	70
71	Gourd (1 – 5 lts)	71
72	Gourd (5 – 10 lts)	72
73	Gourd (Above 10 lts)	73
74	Gologolo (4 - 5 lts)	74
75	Calabash (1 - 5 lts)	75
76	Calabash (Above 5 lts)	76
77	Jug (2 lts)	77
78	Jug (1.5 lts)	78
79	Jug (1 lt)	79
80	Tot (50 ml)	80
81	Tot (sachet)	81
82	Tot (Unspecified)	82
83	Tobacco leaf (Number)	83
84	Pair	84
85	Number of Units (General)	85
86	Acre	86
87	Other Units (Specify)	99

## Annex 2: Crop Codes

Ser. no.	Crop name	Crop code		Ser. no.	Crop name	Crop code
1	Wheat	111		31	Oranges	700
2	Barely	112		32	Paw paw	710
3	Rice	120		33	Pineapples	720
4	Maize	130		34	Banana food	741
5	Finger millet	141		35	Banana beer	742
6	Sorghum	150		36	Banana sweet	744
7	Beans	210		37	Mango	750
8	Field peas	221		38	Jackfruit	760
9	Cow peas	222		39	Avocado	770
10	Pigeon peas	223		40	Passion fruit	780
11	Chick peas	224		41	Coffee all	810
12	Groundnuts	310		42	Cocoa	820
13	Soya beans	320		43	Tea	830
14	Sunflower	330		44	Ginger	840
15	Simsim	340		45	Curry	850
16	Cabbage	410		46	Oil palm	860
17	Tomatoes	420		47	Vanilla	870
18	Carrots	430		48	Black wattle	880
19	Onions	440		49	Other	890
20	Pumpkins	450		50	Natural pastures	910
21	Dodo	460		51	Improved pastures	920
22	Eggplants	470		52	Fallow	930
23	Sugarcane	510		53	Bush	940
24	Cotton	520		54	Natural forest trees	950
25	Tobacco	530		55	Plantation trees	960
26	Irish potatoes	610		56	Bamboo	970
27	Sweet potatoes	620		57	Other forest trees	990
28	Cassava	630				
29	Yam	640				
30	Coco yam	650				