

# Uganda - National Panel Survey 2011-2012, Wave III

**Uganda Bureau of Statistics (UBOS) - Ministry of Finance, Planning and Economic  
Development**

Report generated on: August 7, 2018

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# Sampling

## Sampling Procedure

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The 2011/12 UNPS survey maintained the 2010/11 UNPS sample design whereby all households that were sampled for Wave II (2010/11) were tracked and re-interviewed in Wave III (2011/12). Out of the 7,400 households interviewed during the UNHS 2005/06, 3,123 households were selected for the panel surveys. As a result, the same sample was maintained in 2009/10, 2010/11 and 2011/12 round of surveys. During data collection, households or individuals that had permanently left the original households to known locations were tracked and interviewed. The new households formed are known as split-off households whereas the individuals are termed as movers.

# Questionnaires

## Overview

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The 2011/12 UNPS questionnaires comprised of the following survey instruments:

- 1) Household Questionnaire: Core and rotating modules
- 2) Agriculture Questionnaire (for the subset of UNPS households engaged in agricultural activities)
- 3) Price Questionnaire
- 4) Community / Facility Questionnaires for schools, health facilities and other facilities (potentially conducted on a rotating basis and not in every year of the UNPS)

## Data Collection

### Data Collection Dates

Start	End	Cycle
2011-11	2012-11	N/A

### Data Collection Mode

Face-to-face [f2f]

#### DATA COLLECTION NOTES

A Centralized approach to data collection was employed whereby nine mobile field teams recruited from the headquarters were dispatched to different sampled areas. Each team comprised of one Supervisor, three Enumerators and one Driver. The teams were recruited based on the languages mostly used in each of the four statistical regions. The field teams visited UNPS households twice in a year in order to capture seasonality for the households engaged in agricultural activities as well as households' consumption expenditure patterns.

### Data Collectors

Name	Abbreviation	Affiliation
Uganda Bureau of Statistics	UBOS	Ministry of Finance, Planning and Economic Development

# Data Processing

## Data Editing

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The 2011/12 round of UNPS used a computerized system of data collection whereby field staff directly captured information using Ultra Mobile Personal Computers (UMPCs) during data collection. The UMPCs were loaded with a data entry application with in-built range and consistency checks to ensure good quality data. Field Team Leaders run checks on the data while still in the field thereafter electronically transmitting it to UBOS Headquarters for verification. Every team was facilitated with an internet modem, a generator and extra UMPC batteries to ensure uninterrupted power supply and internet connectivity while in the field.

# Data Appraisal

No content available

# File Description

# Variable List

**UNPS\_Geovars\_1112**

Content

Cases 2850

Variable(s) 60

Structure Type:  
Keys: ()

Version

Producer

Missing Data

**Variables**

ID	Name	Label	Type	Format	Question
V1751	HHID	HHID	discrete	character	
V1752	lat_mod	Latitude in degrees, modified (wgs84)	contin	numeric	
V1753	lon_mod	Longitude in degrees, modified (wgs84)	contin	numeric	
V1754	source	Location type used in generating modified coordinates	discrete	numeric	
V1755	nogps	no_GPS	discrete	numeric	
V1756	dist_y0	Distance from Household's location at 'Wave 0' (2005/06)	contin	numeric	
V1757	urban	Urban/Rural Identifier	discrete	numeric	
V1758	HHS_hh_shftd_dsntgrtd	Shifted/Disintegrated HH	discrete	numeric	
V1759	y3_qa_type	y3_qa_type	contin	numeric	
V1760	dist_road	HH Distance in (KMs) to Nearest Major Road	contin	numeric	
V1761	dist_popcenter	HH Distance in (KMs) to Nearest Population Center with +20,000	contin	numeric	
V1762	dist_market	HH Distance in (KMs) to Nearest Market	contin	numeric	
V1763	dist_borderpost	HH Distance in (KMs) to Nearest Land Border Crossing	contin	numeric	
V1764	dist_admctr	HH Distance in (KMs) to Headquarters of District of Residence	contin	numeric	
V1765	af_bio_1	Annual Mean Temperature (C * 10)	contin	numeric	
V1766	af_bio_8	Mean Temperature of Wettest Quarter (C * 10)	contin	numeric	
V1767	af_bio_12	Annual Precipitation (mm)	contin	numeric	
V1768	af_bio_13	Precipitation of Wettest Month (mm)	contin	numeric	
V1769	af_bio_16	Precipitation of Wettest Quarter	contin	numeric	
V1770	fsrad3_agpct	Percent agriculture within approx 1 km buffer	contin	numeric	
V1771	fsrad3_lcmaj	Majority landcover class within approx 1 km buffer	discrete	numeric	
V1772	ssa_aez09_x	Agro-ecological Zones	discrete	numeric	
V1773	afmnslp_pct	Slope (percent)	contin	numeric	
V1774	srtm_uga	Elevation (m)	contin	numeric	
V1775	twi_uga	Potential Wetness Index	contin	numeric	
V1776	srtm_uga_5_15	Terrain Roughness	discrete	numeric	
V1777	sq1	Nutrient availability	discrete	numeric	
V1778	sq2	Nutrient retention capacity	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1779	sq3	Rooting conditions	discrete	numeric	
V1780	sq4	Oxygen availability to roots	discrete	numeric	
V1781	sq5	Excess salts	discrete	numeric	
V1782	sq6	Toxicity	discrete	numeric	
V1783	sq7	Workability (constraining field management)	discrete	numeric	
V1784	rf_regime	District-level assignment of predominantly bi-modal or uni-modal growing season	discrete	character	
V1785	anntot_avg	Avg 12-month total rainfall (mm) for Jan-Dec	contin	numeric	
V1786	wetQ_avg	Avg rainfall (mm) in wettest quarter within Jan-Dec, or Jan-Jun for bimodal	contin	numeric	
V1787	wetQ_avgstart	Avg start of wettest quarter in dekads 1-36, where first week of January = 1	discrete	numeric	
V1788	anntot_2011	12-month total rainfall (mm) in Jan-Dec, starting January 2011	contin	numeric	
V1789	wetQ_2011	Rainfall (mm) in wettest quarter within Jan-Dec 2011, or Jan-Jun for bimodal	contin	numeric	
V1790	wetQstart_2011	Start of wettest quarter in dekads 1-36, where first week of January 2011 = 1	contin	numeric	
V1791	wetQ2_avg	Avg rainfall in wettest quarter in second growing season Jul-Dec, bimodal only	contin	numeric	
V1792	wetQ2_avgstart	Avg start of wettest quarter in second growing season in dekads, bimodal only	discrete	numeric	
V1793	wetQ2_2011	Rainfall (mm) in wettest quarter in second growing season of 2011, bimodal only	contin	numeric	
V1794	wetQ2start_2011	Start of wettest quarter in second growing season in dekads 19-36, bimodal only	discrete	numeric	
V1795	eviarea_avg	Avg total change in greenness in main, or first, growing season, avg by district	contin	numeric	
V1796	evimax_avg	Avg EVI value at peak in main, or first, growing season, avg by district	contin	numeric	
V1797	grn_avg	Avg onset of greenness increase in day of year 1-356, avg by district	contin	numeric	
V1798	sen_avg	Avg onset of greenness decrease in day of year 1-356, avg by district	contin	numeric	
V1799	eviarea_2011	Total change in greenness within main, or first, growing season 2011	contin	numeric	
V1800	evimax_2011	EVI value at peak of greenness within main, or first, growing season 2011	contin	numeric	
V1801	grn_2011	Onset of greenness increase in day of year in 2011, avg by district	contin	numeric	
V1802	sen_2011	Onset of greenness decrease in day of year in 2011, avg by district	contin	numeric	
V1803	eviarea2_avg	Avg total change in greenness in second growing season, avg by district	contin	numeric	
V1804	evimax2_avg	Avg EVI value at peak in second growing season, avg by district	contin	numeric	
V1805	grn2_avg	Avg onset of greenness increase in second growing season, avg by district	contin	numeric	
V1806	sen2_avg	Avg onset of greenness decrease in second growing season, avg by district	contin	numeric	
V1807	eviarea2_2011	Total change in greenness within second growing season of 2011	contin	numeric	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V1808	evimax2_2011	EVI value at peak of greenness within second growing season of 2011	contin	numeric	
V1809	grn2_2011	Onset of greenness increase in second growing season of 2011, avg by district	contin	numeric	
V1810	sen2_2011	Onset of greenness decrease in second growing season of 2011, avg by district	contin	numeric	

**AGSEC1**

Content	Data collected using UNPS 2011-12 Agriculture Questionnaire, Section 1B (Staff details and survey time), questions 1 and 2; Section 2A (Current land holdings - first/second visit), question 1; Section 6A (Cattle and pack animals), questions 1, 3a, 4a, and 5c; Section 6B (Small animals), questions 1, 5a, 5b and 5c; Section 6C (Poultry and others), questions 1, 5a, 5b, and 5c; and Section 9 (Extension services), questions 11 to 16.
Cases	2277
Variable(s)	22
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V1	HHID	Unique HH Identifier Across Panel Waves	contin	numeric	
V2	a1bq2	Agriculture Visit 1 Interview Start Time	discrete	character	
V3	a1bq2s	Record Agriculture Visit 2 Interview Start Time.	discrete	character	
V4	a2aq1	During the last completed cropping season (1st season of 2011: Jan-June 2011) an	discrete	numeric	
V5	a6aq1	Has any member of your household raised or owned cattle and pack animal during t	discrete	numeric	
V6	a6bq1	Has any member of your household raised or owned small animals during the last 6	discrete	numeric	
V7	a6cq1	Has any member of your household raised or owned poultry, bees or other domestica	discrete	numeric	
V8	a6aq3a	Has your household hired any labour for keeping / herding?	contin	numeric	
V9	a6aq4a	What is the main type of labour employed while keeping [--]?	discrete	numeric	
V10	a6aq5c	How much did you pay to the paid labour for keeping / herding in the last 12 mon	contin	numeric	
V11	a6bq5a	Has your household hired any labour for keeping / herding?	contin	numeric	
V12	a6bq5b	What is the main type of labour employed while keeping [..]	discrete	numeric	
V13	a6bq5c	How much did you pay tp paid labour for keeping/herding[.] in the last 12 month	contin	numeric	
V14	a6cq5a	Has your household hired any labour for keeping / herding [..] in the last 12 m	contin	numeric	
V15	a6cq5b	What is the type of labour employed while keeping [...]?	discrete	numeric	
V16	a6cq5c	How much did you pay for keeping / herding in the last 3 months?	contin	numeric	
V17	a9q11	Are you informed of training programs organized by NAADS?	discrete	numeric	
V18	a9q12	Has any member of your household participated in a training program organisation	discrete	numeric	
V19	a9q13	Are you informed of farmers' groups established under the farmer institution?	discrete	numeric	
V20	a9q14	Is any member your household a member of such a farmers' group?	discrete	numeric	
V21	a9q15	Are you informed of NAADS initiatives to prioritize enterprises to demand ?	discrete	numeric	
V22	a9q16	Has any member of your household participated in such initiatives in the program	discrete	numeric	

**AGSEC2A**

Content	Data collected using UNPS 2011-12 Agriculture Questionnaire, Section 2A (Current land holdings - first/second visit).
Cases	3763
Variable(s)	36
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V1856	HHID	Unique HH Identifier Across Panel Waves	contin	numeric	
V1857	parcelID	AParcel	discrete	numeric	
V1858	a2aq4	Size of the Parcel in Acre-GPS	contin	numeric	
V1859	a2aq5	Size of this parcel in acres- Farmer estimation	contin	numeric	
V1860	a2aq5_1	Parcel_Resp: Record member of household who is the respondent for each parcel.	contin	numeric	
V1861	a2aq6	Location: How many minutes does it take to travel from the homestead to this par	discrete	numeric	
V1862	a2aq7	Tenure System	discrete	numeric	
V1863	a2aq8	How did you acquire this parcel?	discrete	numeric	
V1864	a2aq9	In which year did you first acquire this parcel?	contin	numeric	
V1865	a2aq10	Do you currently have access to this parcel?	discrete	numeric	
V1866	a2aq11a	What was or is the primary use of the parcel during the 1st cropping season 2011	discrete	numeric	
V1867	a2aq11a_plots	Number of plots on parcel, 1st cropping season, according to farmer	discrete	numeric	
V1868	a2aq11b	What was or is the primary use of the parcel during the 2nd cropping season 2201	discrete	numeric	
V1869	a2aq11b_plots	Number of plots on parcel, 2nd cropping season, according to farmer	contin	numeric	
V1870	a2aq12	What was the most recent year/agricultural season in which the parcel was left f	contin	numeric	
V1871	a2aq13a	How many consecutive years was this parcel left fallow?	contin	numeric	
V1872	a2aq13b	Fallow Type: What type of fallow was used	discrete	numeric	
V1873	a2aq14	How much rent did you or will you receive (if share -cropped -out give the estim	contin	numeric	
V1874	a2aq15a	What proportion of the parcel did you cultivate/plant In the 1st cropping season	contin	numeric	
V1875	a2aq15b	What proportion of the parcel did you cultivate/plant In the 2nd cropping season	contin	numeric	
V1876	a2aq16	What soil type is this parcel?	discrete	numeric	
V1877	a2aq17	What soil/land quality is in this parcel?	discrete	numeric	
V1878	a2aq18	What is the main water source to this parcel?	discrete	numeric	

ID	Name	Label	Type	Format	Question
V1879	a2aq19	In general, what is the topography of this parcel?	discrete	numeric	
V1880	a2aq20	During the last completed season, were there any problems with erosion in this p	discrete	numeric	
V1881	a2aq21	What was the cause of these erosion problems?	discrete	numeric	
V1882	a2aq22a	Is there any erosion control/water harvesting facility on this parcel?	discrete	numeric	
V1883	a2aq22b	Is there any erosion control/water harvesting facility on this parcel?	discrete	numeric	
V1884	a2aq23	Does this parcel have a formal certificate of title or customary certificate of	discrete	numeric	
V1885	a2aq24a	Who has the Ownership/use rights to this parcel?	contin	numeric	
V1886	a2aq24b	Who has the Ownership/use rights to this parcel?	contin	numeric	
V1887	a2aq25	Have you ever been concerned that somebody might dispute your ownership/use righ	discrete	numeric	
V1888	Visit_GPS_Parcel	Were you able to visit the parcel to record the GPS measurement?	discrete	numeric	
V1889	GPS_Not_Captured	Why was the GPS measurement not captured?	discrete	numeric	
V1890	Number_Satellites	What was the number of satellites tracked at the time of GPS measurement?	contin	numeric	
V1891	Weather_Condition	Weather Condition	discrete	numeric	

**AGSEC2B**

Content	Data collected using UNPS 2011-12 Agriculture Questionnaire, Section 2B (Land that the household has access through use rights).
Cases	1077
Variable(s)	33
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

**Variables**

ID	Name	Label	Type	Format	Question
V1892	HHID	Unique HH Identifier Across Panel Waves	contin	numeric	
V1893	parcelID	AParcel	discrete	numeric	
V1894	a2bq1	Ownership	discrete	numeric	
V1895	a2bq5_1	Record member of household who is the respondent for each parcel	contin	numeric	
V1896	a2bq4	Size of the Parcel in Acre-GPS	contin	numeric	
V1897	a2bq5	Size of this parcel in acres- Farmer estimation	contin	numeric	
V1898	a2bq6	Location: How many minutes does it take to travel from the homestead to this par	discrete	numeric	
V1899	a2bq7	Tenure System	discrete	numeric	
V1900	a2bq8	How did you acquire this parcel?	discrete	numeric	
V1901	a2bq9	How much rent did you or will you pay to the owner during the two cropping seasons	contin	numeric	
V1902	a2bq10	For how many years have you been in continued possession of this parcel?	contin	numeric	
V1903	a2bq11	Do you have to renew your use rights to this parcel at least once a year?	discrete	numeric	
V1904	a2bq12a	What was or is the primary use of the parcel during the 1st cropping season 2011	discrete	numeric	
V1905	a2bq12a_plots	Number of plots on parcel, 1st cropping season, according to farmer	discrete	numeric	
V1906	a2bq12b	What was or is the primary use of the parcel during the 2nd cropping season 2201	discrete	numeric	
V1907	a2bq12b_plots	Number of plots on parcel, 2nd cropping season, according to farmer	discrete	numeric	
V1908	a2bq12a_1	What type of fallow was/is being used during the two cropping seasons?	discrete	numeric	
V1909	a2bq12b_1	What type of fallow was/is being used during the two cropping seasons?	discrete	numeric	
V1910	a2bq13	How much rent did you or will you receive (if share -cropped -out give the estim	contin	numeric	
V1911	a2bq14	What soil type is this parcel?	discrete	numeric	
V1912	a2bq15	What soil type is this parcel?	discrete	numeric	
V1913	a2bq16	What is the main water source to this parcel?	discrete	numeric	
V1914	a2bq17	In general, what is the topography of this parcel?	discrete	numeric	
V1915	a2bq18	During the last completed season, were there any problems with erosion in this p	discrete	numeric	

<b>ID</b>	<b>Name</b>	<b>Label</b>	<b>Type</b>	<b>Format</b>	<b>Question</b>
V1916	a2bq19	What was the cause of these erosion problems?	discrete	numeric	
V1917	a2bq20a	Is there any erosion control/water harvesting facility on this parcel?	discrete	numeric	
V1918	a2bq20b	Is there any erosion control/water harvesting facility on this parcel?	discrete	numeric	
V1919	a2bq21a	Who has the Ownership/use rights to this parcel?	contin	numeric	
V1920	a2bq21b	Who has the Ownership/use rights to this parcel?	contin	numeric	
V1921	Visit_GPS_Parcel	Were you able to visit the parcel to record the GPS measurement?	discrete	numeric	
V1922	GPS_Not_Captured	Why was the GPS measurement not captured?	discrete	numeric	
V1923	Number_Satellites	What was the number of satellites tracked at the time of GPS measurement?	contin	numeric	
V1924	Weather_Condition	Weather Condition	discrete	numeric	

## AGSEC3A

Content	Data collected using UNPS 2011-12 Agriculture Questionnaire, Section 3A (Agricultural and labor inputs - first visit).
Cases	7529
Variable(s)	48
Structure	Type: Keys: ()
Version	
Producer	
Missing Data	

## Variables





















































































































































































































































































































































































































