

# 2021

## Data Guidebook: 50x2030 Grant Competition



### 50x2030

DATA-SMART AGRICULTURE

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## Overview of this Guidebook

This guidebook is designed to help the participants of the 50x2030 Grant Competition (2021) navigate different websites to find reports and data sources for their proposed research.

In the following sections you will see:

- A snapshot table that provides summary information and general links to resources on each of the five countries for the 50x2030 Grant Competition (2021).
- A brief introduction about LSMS-ISA and AGRISurvey data sources.
- In the “Countries” section, you will find more detailed information and links to reports, microdata, etc for each of the five countries.
- Finally, in the “Visual Guide” section, you will find two visual examples on how to navigate the World Bank and FAO websites to find the latest LSMS-ISA and/or AGRISurvey data and reports for your research.

## Snapshot of data sources for the 2021 Grant Competition

Country	Data Sources/Survey Names	Year(s)	Country Profiles (LSMS-ISA/AGRISurvey)	National Implementer(s)
<b>Cambodia</b>	Cambodia Inter-Censal Agricultural Survey (CIAS) <i>also referred to as AGRISurvey</i>	-2019	<a href="#">Cambodia AGRISurvey webpage</a>	<ul style="list-style-type: none"> <li>- National Institute of Statistics (NIS) <ul style="list-style-type: none"> <li>• <a href="#">CIAS 2019 survey results (in EN &amp; KH)</a></li> <li>• Microdata [to be released in April 2021]</li> </ul> </li> </ul>
<b>Ethiopia</b>	Ethiopia Socio-economic Surveys (ESS) <i>also referred to as LSMS-ISA</i>	-2011/12 -2013/14 -2015/16 -2018/19	<a href="#">Ethiopia LSMS-ISA webpage</a>	- <a href="#">Central Statistics Agency of Ethiopia (CSA)</a>
	High Frequency Phone Survey (HFPS) <i>supported by LSMS-ISA</i>	-2020/21	<a href="#">Ethiopia HFPS webpage</a>	- <a href="#">Laterite BV</a> (survey firm) -CSA
<b>Georgia</b>	Survey of Agricultural Holdings <i>also referred to as AGRISurvey</i>	Quarterly & Annual Year—2019 & 2020	<a href="#">Georgia AGRISurvey webpage</a>	- <a href="#">National Statistics Office of Georgia (GEOSTAT)</a>
<b>Senegal</b>	Enquete Agricole Annuelle (EAA) <i>also referred to as AGRISurvey</i>	-2017/18 -2018/19 -2019/20	<a href="#">Senegal AGRISurvey webpage</a>	<ul style="list-style-type: none"> <li>- Direction de l'Analyse, de la Prévision et des Statistiques Agricoles (DAPSA)</li> <li>- Agence Nationale de la Statistique et de la Démographie (ANSD)</li> <li>• <a href="#">EAA 2017/18 documentation</a></li> <li>• <a href="#">EAA 2018/19 documentation</a></li> <li>• <a href="#">EAA 2019/20 report</a></li> <li>• <a href="#">Multidimensional tables</a></li> </ul>

Country	Data Sources/Survey Names	Year(s)	Country Profiles (LSMS-ISA/AGRISurvey)	National Implementer(s)
Uganda	Annual Agricultural Survey (AAS) <i>also referred to as AGRISurvey</i>	-2018/19 -2019/20	<a href="#">Uganda AGRISurvey webpage</a>	-Uganda Bureau of Statistics (UBoS) <ul style="list-style-type: none"> <li>• <a href="#">AAS 2018 full report</a></li> <li>• <a href="#">AAS 2018 annex Excel tables</a></li> <li>• <a href="#">AAS 2018 multidimensional tables</a></li> <li>• <a href="#">AAS 2018 statistical release</a></li> <li>• <a href="#">AAS 2018 survey questionnaires</a></li> <li>• <a href="#">AAS 2018 microdata</a></li> </ul>
	Uganda National Panel Surveys (UNPS) <i>also referred to as LSMS-ISA</i>	-2009/10 -2010/11 -2011/12 -2013/14 -2015/16 -2018/19	<a href="#">Uganda LSMS-ISA webpage</a>	
	High Frequency Phone Survey (HFPS) <i>supported by LSMS-ISA</i>	-2020-2021	<a href="#">Uganda HFPS webpage</a>	-Uganda Bureau of Statistics (UBoS)

## What is the LSMS-ISA?

The **Living Standards Measurement Study - Integrated Surveys on Agriculture (LSMS-ISA)** is a household survey project established with a grant from the Bill and Melinda Gates Foundation and implemented by the LSMS team of the World Bank's Development Data Group. The LSMS-ISA project collaborates with the national statistics offices of its partner countries in Sub-Saharan Africa to design and implement systems of multi-topic, nationally representative panel household surveys with a strong focus on agriculture designed to improve the understanding of the links between agriculture, socioeconomic status, and non-farm income activities. The LSMS-ISA project has recently added a series of high-frequency phone surveys on COVID-19, building on existing LSMS-ISA panel surveys. Several panel datasets are now available for free download.

For more information visit: <https://www.worldbank.org/en/programs/lms/initiatives/lms-ISA>

## What is the AGRISurvey?

The FAO's **Agricultural Integrated Survey (AGRISurvey)** programme supports countries in their efforts to improve and strengthen their own agricultural survey systems and to enable access to agricultural

statistics. AGRISurvey provides an innovative survey toolkit to assist countries to develop an integrated and cost-efficient approach to generate a regular flow of relevant and up to date agricultural statistics in response to national needs and priorities.

The availability and use of these data allow the identification of challenges in production, productivity and resilience, and provide a strong base for designing, monitoring and evaluating any agricultural and rural policy or investment. This helps decision makers in shaping better policies and programmes that effectively tackle poverty and hunger, and assists in monitoring progress towards the SDGs and other goals. AGRISurvey is implemented with the support of different projects, in particular the newly established 50x2030 Initiative to close the agricultural data gap.

For more information visit: <http://www.fao.org/in-action/agrisurvey/en/>

## Countries

This section provides detailed information and links that will help you find and access resources on each of the five countries of the 50x2030 Grant Completion (2021).

### *Cambodia*

AGRISurvey ☒ LSMS-ISA ☐ Other ☐

Cambodia conducted the Cambodia Inter-Censal Agricultural Survey (CIAS) in 2019 and published [results on February 9, 2021](#).

Additional CIAS results and data are expected to be released by the Cambodia National Institute of Statistics (NIS) in April 2021. Applicants are advised to regularly check the AGRISurvey Cambodia webpage for updates on data release at: <http://www.fao.org/in-action/agrisurvey/country-work/cambodia/en/>

#### AGRISurvey Data Sources and Reports:

- CIAS 2019 full report: [http://nis.gov.kh/nis/Agriculture/CIAS2019/CIAS%202019%20report\\_FINAL\\_EN.pdf](http://nis.gov.kh/nis/Agriculture/CIAS2019/CIAS%202019%20report_FINAL_EN.pdf)
- CIAS 2019 statistical release: [http://nis.gov.kh/nis/Agriculture/CIAS2019/Statistical%20Release%20CIAS%202019\\_Final\\_EN.pdf](http://nis.gov.kh/nis/Agriculture/CIAS2019/Statistical%20Release%20CIAS%202019_Final_EN.pdf)
- CIAS 2019 e-book thematic maps: [http://nis.gov.kh/nis/Agriculture/CIAS2019/e-book%20Thematic%20maps%20CIAS%202019\\_EN.pdf](http://nis.gov.kh/nis/Agriculture/CIAS2019/e-book%20Thematic%20maps%20CIAS%202019_EN.pdf)

### *Ethiopia*

AGRISurvey ☐ LSMS-ISA ☒ Other ☐

Ethiopia has had four rounds of collection under the LSMS-ISA project, called the Ethiopia Socio-economic Surveys (ESS), plus a series of COVID-19 high-frequency phone surveys (HFPS) that build on the LSMS-ISA sample. The LSMS-ISA surveys are household-based surveys with agricultural modules.

#### LSMS-ISA Data Sources and Reports

##### *Ethiopia ESS:*

Data for the surveys were collected during these periods (microdata sets for each round can be accessed through the links in parentheses):

- Year 1: 2011-2012 (<https://microdata.worldbank.org/index.php/catalog/2053>)
- Year 2: 2013-2014 (<https://microdata.worldbank.org/index.php/catalog/2247>)
- Year 3: 2015-2016 (<https://microdata.worldbank.org/index.php/catalog/2783>)
- Year 4: 2018-2019 (<https://microdata.worldbank.org/index.php/catalog/3823>)

#### *Ethiopia HFPS:*

- Data and documentation for all rounds of the Ethiopia HFPS are available here: <https://microdata.worldbank.org/index.php/catalog/3716>
- Additional background and documentation can be found here: <https://www.worldbank.org/en/programs/lsm/brief/lsm-launches-high-frequency-phone-surveys-on-covid-19#2>

#### *Georgia*

AGRISurvey ☐ LSMS-ISA ☐ Other ☒

The National Statistics Office of Georgia (GEOSTAT) conducted an annual survey and quarterly survey, called the Survey of Agricultural Holdings in 2019 and 2020. Data for the entire year of 2019 and some data for 2020 can be obtained by visiting GEOSTAT at: <https://www.geostat.ge/>

To request specific micro datasets you can contact GEOSTAT at: [info@geostat.ge](mailto:info@geostat.ge)

Information on AGRISurvey Georgia may be found at this link: <http://www.fao.org/in-action/agrisurvey/country-work/georgia/en/> (updates may be made throughout 2021).

#### *Senegal*

AGRISurvey ☒ LSMS-ISA ☐ Other ☐

Since 2017, FAO has been providing technical and financial assistance to the Government of Senegal to expand the existing annual agricultural survey, namely the Enquete Agricole Annuelle (EAA), using the AGRISurvey methodology.

A consensual roadmap was established to guide the implementation of the activities over the period 2017–2021, in partnership with the Direction de l'Analyse, de la Prévision et des Statistiques Agricoles (DAPSA -Ministry of Agriculture and Rural Equipment), and in close collaboration with other national stakeholders, including the Prime Ministry and the Agence Nationale de la Statistique et de la Démographie (ANSD).

For more information visit: <http://www.fao.org/in-action/agrisurvey/country-work/senegal/en/>

### AGRISurvey Data Sources and Reports

To date, three cycles of the annual surveys have been successfully conducted (follow the links in parentheses to access the relevant reports and documentations for each round):

- EAA 2017-2018 (<http://anads.ansd.sn/index.php/catalog/185/related-materials>)
- EAA 2018-2019 (<http://anads.ansd.sn/index.php/catalog/218/related-materials>)
- EAA 2019-2020 (<http://www.dapsa.gouv.sn/content/rapportfinaleaa20192020>)

More resources on the annual agricultural surveys (EAAs):

- Brief report on Senegal AGRISurvey: <http://www.fao.org/3/ca5155en/ca5155en.pdf>
- Multidimensional statistical tables: [https://senegal.opendataforafrica.org/data/#topic=ENQUETE+AGRICOLE+ANNUELLE+\(DAPSA\)](https://senegal.opendataforafrica.org/data/#topic=ENQUETE+AGRICOLE+ANNUELLE+(DAPSA))

### *Uganda*

AGRISurvey ☒      LSMS-ISA ☒      Other ☐

Having received support from both the World Bank and FAO in the last several years, Uganda has had two agricultural-related survey programs that have been integrated into 50x2030:

1. Uganda Bureau of Statistics (UBoS) began working with the FAO to conduct an Annual Agricultural Survey (AAS) under the AGRISurvey Programme in 2018.
2. UBoS has also done seven rounds of collection under the LSMS-ISA project, called the Uganda National Panel Surveys (UNPS), plus a series of COVID-19 High Frequency Phone Surveys (HFPS) building on the UNPS.

### AGRISurvey Data Sources and Reports

The AAS was first conducted in 2018-2019 and again in 2019-2020. The latter set of data will be added at a later stage.

- AAS 2018 report on key findings: <http://www.fao.org/3/cb0945en/CB0945EN.pdf>
- AAS 2018 full report: [https://www.ubos.org/wp-content/uploads/publications/AAS\\_2018\\_Report\\_Final\\_050620.pdf](https://www.ubos.org/wp-content/uploads/publications/AAS_2018_Report_Final_050620.pdf)
- AAS 2018-2019 microdata set from the first round of collection (but second agricultural season of the year) is available at: <https://microdata.fao.org/index.php/catalog/1652>
- Multidimensional tables: [https://uganda.opendataforafrica.org/data#topic=Annual+Agricultural+Survey+\(AAS\)](https://uganda.opendataforafrica.org/data#topic=Annual+Agricultural+Survey+(AAS))
- AAS 2018 annex Excel tables: [https://www.ubos.org/?pagename=explore-publications&p\\_id=2](https://www.ubos.org/?pagename=explore-publications&p_id=2)
- AAS 2018 statistical release: <https://www.ubos.org/wp-content/uploads/publications/Annual%20Agricultural%20Survey%202018%20Statistical%20Release%20May%202020.pdf>



- AAS 2018 survey questionnaires:  
<https://www.ubos.org/microdata/index.php/catalog/62/related-materials>

### LSMS-ISA Data Sources and Reports

#### *UNPS:*

Data for the UNPS surveys were collected during the following periods (microdata sets for each round can be accessed through the links in parentheses):

- Year 1: 2009-2010 (<https://microdata.worldbank.org/index.php/catalog/1001>)
- Year 2: 2010-2011 (<https://microdata.worldbank.org/index.php/catalog/2166>)
- Year 3: 2011-2012 (<https://microdata.worldbank.org/index.php/catalog/2059>)
- Year 4: 2013-2014 (<https://microdata.worldbank.org/index.php/catalog/2663>)
- Year 5: 2015-2016 (<https://microdata.worldbank.org/index.php/catalog/3460>)
- Year 7: 2018-2019 (<https://microdata.worldbank.org/index.php/catalog/3795>)

#### *Uganda HFPS:*

- Data and documentation for all rounds of the Uganda HFPS are available here:  
<https://microdata.worldbank.org/index.php/catalog/3765>
- Additional background and documentation can be found here:  
<https://www.worldbank.org/en/programs/lsm/brief/lsm-launches-high-frequency-phone-surveys-on-covid-19#6>

## Visual Guide

Use this visual guide to help you navigate the FAO and World Bank websites to find relevant LSMS-ISA and AGRISurvey data sources for your respective countries.

The screenshot shows the FAO Agricultural Integrated Survey Programme - AGRISurvey website. At the top, the FAO logo and name are visible, along with a search bar and a language selector set to 'English'. A red arrow points to the 'Country work' tab in the navigation menu, with the annotation 'Step 1: select "Country work" tab'. Below the navigation menu is a large image of three people in a field. A red arrow points to a list of countries on the left, with the annotation 'Step 2: select country from the list'. The list includes Armenia, Cambodia, Costa Rica, Ecuador, Georgia, Kazakhstan, Nepal, Senegal (circled in red), Uganda, and Uruguay. To the right of the list is a section titled 'A country driven approach' with text about the survey process. Further right is a 'Resources' section with two bullet points: 'FAO and Cambodia organized Training of Trainers for national Agricultural Survey 2020' and 'FAO and UBoS launch the Annual Agriculture Survey report'.

Food and Agriculture Organization of the United Nations

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English

Step 1: select "Country work" tab

### Agricultural Integrated Survey Programme - AGRISurvey

What is AGRISurvey | What we offer | **Country work** | News and events | Resources

Step 2: select country from the list

- Armenia
- Cambodia
- Costa Rica
- Ecuador
- Georgia
- Kazakhstan
- Nepal
- Senegal**
- Uganda
- Uruguay

#### A country driven approach

AGRISurvey does not impose a model or standard questionnaires to partners countries. Rather, it **builds on national practices and national priorities**.

AGRISurvey is meant to be a **country-owned process**, implemented by national statistical agencies and carried out in accordance with Statistical Law and existing Strategic Plans. The tool should be implemented with a clear **governance structure** and result based annual work programmes.

Countries will have the possibility to **customize the tool** to their specific needs, complementing current survey systems and building on previous efforts.

To participate in the project, partner countries will be requested to demonstrate the **commitment** to building their agricultural statistics system and to incrementally taking over the funding responsibilities of the integrated survey system.

#### Resources

- FAO and Cambodia organized Training of Trainers for national Agricultural Survey 2020
- FAO and UBoS launch the Annual Agriculture Survey report

Visual Example 1: Finding Senegal AGRISurvey resources (image is a screenshot of: <http://www.fao.org/in-action/agrisurvey/country-work/en/>)

## LSMS-ISA



The **Living Standards Measurement Study - Integrated Surveys on Agriculture (LSMS-ISA)** is a household survey project established with a grant from the [Bill and Melinda Gates Foundation](#) and implemented by the LSMS team.

Recognizing that existing agricultural data in the region suffers from inconsistent investment, institutional and sectoral isolation, and methodological weakness, the LSMS-ISA project collaborates with the national statistics offices of its **eight partner countries in Sub-Saharan Africa** to design and implement systems of multi-topic, nationally representative panel household surveys with a **strong focus on agriculture**. The primary objective of the project is to foster **innovation** and efficiency in statistical research on the links between agriculture and poverty reduction in the region.

In each partner country, the LSMS-ISA supports multiple rounds of a nationally representative panel survey with a multi-topic approach designed to improve the understanding of the links between **agriculture, socioeconomic status, and non-farm income activities**. The frequency of data collection is determined on a country-by-country basis, depending on data demand and the availability of complementary funding.

### Open Data

The LSMS team works with national statistics offices to design and implement household surveys with a strong focus on agriculture. Several panel datasets are now available for free download; visit the **country tabs** below.



Step 1: select the country

Step 2: select Datasets to view more info on datasets and reports and how to access them

Visual Example 2: Finding Uganda LSMS-ISA datasets (image is a screenshot of: <https://www.worldbank.org/en/programs/lsm/initiatives/lsm-isa> )

## LSMS-Supported High-Frequency Phone Surveys on COVID-19



### LATEST PUBLICATIONS

#### Technical guidance note

Planning and Implementing Household Surveys Under COVID-19

#### Cross-country briefs

Impact of COVID-19 Crisis on Agriculture: Evidence from Five Sub-Saharan African Countries

Food Security in the Face of COVID-19: Evidence from Africa

#### Policy Research Working Papers

Socioeconomic impacts of COVID-19 in Four African Countries

#### Blog posts

Agriculture as a buffer in COVID-19 crisis: Evidence from five Sub-Saharan African countries

Capturing the impact of the pandemic in Burkina Faso: results from the third round of the high-frequency phone survey

Labor market impacts of COVID-19 in four African countries

Uganda High-Frequency Phone Survey on COVID-19: Results from round 2

Tracking the socioeconomic impacts of the pandemic in Nigeria: Results from the first three rounds of the Nigeria COVID-19 National Longitudinal Phone Survey

Uganda High-Frequency Phone Survey on COVID-19: Results from round 1

High-frequency monitoring of COVID-19 impacts: first results from Malawi

COVID-19 From the Ground Up: What the Crisis Means for Nigerians

#### Overview

As part of a global effort by the World Bank, LSMS is supporting high-frequency phone surveys in Burkina Faso, Ethiopia, Malawi, Mali, Nigeria and Uganda to track responses to and socio-economic impacts of COVID-19

In view of the social distancing measures that have severely limited the use of face-to-face interviews, the LSMS, with funding from the U.S. Agency for International Development and in collaboration with the World Bank Poverty and Equity Global Practice (GP), is providing financial and technical assistance to high-frequency phone surveys in Burkina Faso, Ethiopia, Malawi, Mali, Nigeria and Uganda to track responses to and socio-economic impacts of COVID-19. An LSMS-supported phone survey is expected to be launched in Tanzania in November 2020, in collaboration with the National Bureau of Statistics and World Bank Poverty and Equity GP.

LSMS-Supported High-Frequency Phone Surveys in Africa

LSMS Contributions to the Global Push for Phone Surveys on COVID-19

LSMS Methodological and Policy Research Linked to Phone Surveys

#### Phone Survey Status Update as of February 9, 2021:

The tenth round of data collection is ongoing in Ethiopia and Nigeria. The seventh round of data collection was completed in Malawi and is ongoing in Burkina Faso. The sixth round is ongoing in Mali and the fifth round is ongoing in Uganda. In Tanzania, the first round of data collection will start this month.



Data and Findings from High-frequency Phone Surveys By Country

Monitoring the State of Statistical Operations under the COVID-19 Pandemic

Survey of National Statistical Offices (NSOs) during COVID-19

### DATA AND FINDINGS FROM HIGH-FREQUENCY PHONE SURVEYS BY COUNTRY

The resources and available data and results are presented by country below. Results of subsequent rounds will be added as soon as they become available.

BURKINA FASO
ETHIOPIA
MALAWI
MALI

- Survey Report: Round 1 | Round 2 | Round 3 | Round 4 | Round 6 | Round 7
- Summary Tables: Round 1 | Round 2 | Round 3 | Round 4 | Round 5 | Round 6
- Questionnaire: Round 1 | Round 2 | Round 3 | Round 4 | Round 5 | Round 6
- Survey Data on Microdata Library
- Survey Methodology Document

Find and select your country through this tab to access relevant datasets and documentation.

Visual Example 3: Finding Ethiopia HFPS datasets (image is a screenshot of: <https://www.worldbank.org/en/programs/lms/brief/lms-launches-high-frequency-phone-surveys-on-covid-19#2>)