Integrated Agricultural and Rural Survey Program

Uganda Experience

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Outline

• Current Scenario
• Purposes of the Integration
• Main Actors
• Key Principles
• Advantages
Introduction

• In 2018-19, the Uganda Bureau of Statistics (UBoS) has decided to integrate two existing surveys run by the Bureau:

  • The Uganda National Panel Survey (UNPS)
  • The Annual Agricultural Survey (AAS)

• Such country-driven decision is aligned with the principles of the 50x2030 Initiative.
## Current scenario

<table>
<thead>
<tr>
<th></th>
<th><strong>Annual Agricultural Survey</strong></th>
<th><strong>National Panel Survey</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage</td>
<td>National (urban areas excluded)</td>
<td>National</td>
</tr>
<tr>
<td>Reference population</td>
<td>Agricultural Households (institutional and large-scale farms not covered yet)</td>
<td>Households</td>
</tr>
<tr>
<td>Topic</td>
<td>Agricultural production, inputs and ag practices</td>
<td>Multi-topic survey, with a focus on poverty</td>
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<tr>
<td></td>
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<td>Agricultural questionnaire for eligible</td>
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<tr>
<td></td>
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<td>households to investigate linkages</td>
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<tr>
<td></td>
<td></td>
<td>between poverty and agriculture</td>
</tr>
<tr>
<td>Establishment year</td>
<td>2017</td>
<td>2009/10</td>
</tr>
<tr>
<td>Technical and Financial Support</td>
<td>From FAO since 2018</td>
<td>From World Bank since 2009</td>
</tr>
<tr>
<td>Sample size</td>
<td>7,000 ag households</td>
<td>3,500 households</td>
</tr>
<tr>
<td>Representativeness</td>
<td>10 Agro-ecological Zones</td>
<td>4 Regions</td>
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</tbody>
</table>
Integration

- Between 2017 and 2019, the Household Panel Survey and the Agricultural Survey have run in parallel, with no or minimum integration.
- This setting has a clear bearing on the use of financial and human resources.
- From the agricultural year 2020 onwards, the UNPS and the AAS will be integrated into the AAS/UNPS Integrated Survey Programme.
- The field work for the Integrated Survey Programme will start in **May 2020** and will end in April 2021, thus covering the entire ag year 2020.
Integration: actors

Integration Team has been established:

- Directorate for Agriculture and Environmental Statistics (UBoS-DAES)
- Directorate for Socioeconomic Surveys (UBoS-DSES)
- With technical support from:
  - FAO
  - World Bank

Team responsible to discuss the methodological, logistical, financial and technical aspects of the survey integration.
Purposes of the Integration

Country-demanded process, driven by:

1. The need to establish a cost-efficient approach

2. Avoid potential inconsistencies in the agricultural estimates generated by the two survey programmes

3. Provide agricultural and socio-economic data in coordinated and integrated manner and on a continuous basis, through the establishment of a durable survey
Key Principles: harmonized survey calendars

The Bureau has envisaged a model where:

- the National Panel Survey and the survey on the Institutional & Large-Scale Farms run every year;
- the Annual Agricultural Survey runs every other year, with a considerable expansion of the sample.

<table>
<thead>
<tr>
<th></th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
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<th>2027</th>
<th>2028</th>
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<tbody>
<tr>
<td>UNPS (*)</td>
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<td>Institutional &amp; large farms</td>
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</table>

- Hence, statistics on the agricultural sector will be available every year although with different sample coverage and different levels of disaggregation

- Hence, ag data are periodically integrated with socio-economic data to better understand the links between agriculture and poverty reduction
Key Principles: harmonized methodologies

- **Unique set of comparable agricultural data**
  - Almost the same field work calendar, thus data will be collected simultaneously in the two samples
  - Same Ag Questionnaire for both surveys – i.e., alignment of concepts, definitions and classifications
  - Same routines for survey data management, data cleaning, data processing and analysis
Key principles: Sub-sample in common

The two surveys will share part of the sample

- Institutional and large farms
- AAS agricultural HHs
- Shared AAS/UNPS agricultural households (approx. 2,800)
- Non ag households (UNPS only)
Key principles: Sub-sample in common

In even years, the agricultural data will be collected on the entire sample, allowing a higher level of disaggregation (10 ZARDIs).
In odd years, agricultural data will be collected only on the shared sample and on non-HH sector holdings.

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<th>Year</th>
<th>2020</th>
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Advantages of the integration I

- **Cost Efficiency:**
  - The cost of the Integrated AAS/UNPS Survey Programme will be lower than the sum of the costs of the two separated survey
  - As a consequence, it will be more affordable for the Government of Uganda to financially cover the Integrated Survey Programme.

- **Unique set of agricultural data** for the monitoring of national key indicators as well as regional and global monitoring (SDG Goal 1, Goal 2, Goal 5, CAADP)

- **Ag data available every year and periodically integrated** with socio-economic data to better understand the links between agriculture and poverty reduction
Advantages of the integration II

- **Better Use of Human Resources:**
  - More time to carry out other studies and censuses
  - Fertilization across directorates: learning from other colleagues, intellectual and professional development
THANK YOU