Producing proxy estimates for SDG indicator 5.a.1 from EHCVM surveys

8 September 2022 (Session 1)

Office of Chief Statistician
Outline

1. Introduction

2. SDG indicator 5.a.1: sub-indicators (a) and (b)

3. Definition of key terms and concepts used in SDG indicator 5.a.1

4. Minimum set of data required for SDG Indicator 5.a.1
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GOAL 5
Achieve gender equality and empower all women and girls

TARGET 5.1
TARGET 5.2
TARGET 5.3
TARGET 5.4
TARGET 5.5
TARGET 5.6
TARGET 5.A
TARGET 5.B
TARGET 5.C

Undertake reforms to give women equal rights to economic resources as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws.
In the context of target 5.A, indicator 5.a.1 is important because:

**AGRICULTURAL LAND**

is a *key input* in developing countries, where poverty reduction and development strategies are frequently based on the agricultural sector.

**GENDER EQUALITY**

Women could *increase their productivity* and empowerment if they had *more access to productive resources, particularly land*. Robust empirical evidence is needed to monitor the gap and track the progress.
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INDICATOR 5.a.1 has two sub-indicators:

**a** Percentage of total agricultural population with ownership or secure rights over agricultural land, by sex

measures how prevalent ownership / secure rights over agricultural land is in the agricultural population, by sex

**b** Share of women among owners or rights-bearers of agricultural land, by type of tenure

monitors the share of women in the reference population with ownership or secure rights over agricultural land
1. Indicator 5.a.1: sub-indicators (a) and (b) (2/4)

Sub-indicator 5.a.1 (a)

<table>
<thead>
<tr>
<th>Women</th>
<th>Men</th>
</tr>
</thead>
<tbody>
<tr>
<td># of <em>women</em> with ownership or secure rights over agricultural land</td>
<td># of <em>men</em> with ownership or secure rights over agricultural land</td>
</tr>
<tr>
<td>Total # of <em>women</em> in the agricultural population</td>
<td>Total # of <em>men</em> in the agricultural population</td>
</tr>
</tbody>
</table>
Sub-indicator 5.a.1 (b)

# women with ownership or secure rights over agricultural land

_____________________________

Total agricultural population with ownership or secure rights over agricultural land
To estimate both sub-indicators we need:

1. the total **adult agricultural population**, by sex (for sub-indicator **a**)
2. the number of adult **agricultural population with ownership or secure rights** over agricultural land, by sex (for sub-indicator **a** and sub-indicator **b**)

1. Indicator 5.a.1: sub-indicators (a) and (b) (4/4)
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In order to monitor indicator 5.a.1, it is essential that we develop a common understanding of the meaning of the terms used.

<table>
<thead>
<tr>
<th>AGRICULTURAL LAND</th>
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</thead>
<tbody>
<tr>
<td>AGRICULTURAL HOUSEHOLD</td>
</tr>
<tr>
<td>ADULT AGRICULTURAL POPULATION</td>
</tr>
<tr>
<td>DOCUMENTED LAND OWNERSHIP</td>
</tr>
<tr>
<td>LAND ALIENATION RIGHTS</td>
</tr>
</tbody>
</table>
3. Key terms and concepts used in indicator 5.a.1 (2/9)

2020 World Census of Agriculture Land Use Classification

A piece of land is agricultural land if:

Its use falls under one of the first 5 land use classes. Thus, if it is used for temporary or permanent crops, temporary or permanent meadows or pasture or it is left temporarily fallow.
A household is considered agricultural if:

At least one of its members has operated land for agricultural purposes or held/tended livestock over the past 12 months, regardless of the final purpose.

Given that the focus on the indicator is the **ownership of agricultural land**, we only include agricultural activities that are carried out as **self-employment**.
An individual is considered part of the agricultural population if:

The individual is an adult (at least 18 years of age) member of an agricultural household.
Documented land ownership is:

a legally recognized right to acquire, to use and to transfer land. In private property systems, this is akin to a freehold tenure.
Land alienation rights are:

1. The right to sell the land
2. The right to bequeath the land
An individual is an owner of agricultural land if at least one of the three following proxy conditions is verified:

1. **NAME ON LEGAL DOCUMENT**
2. **RIGHT TO SELL**
3. **RIGHT TO BEQUEATH**

- The three proxy conditions are not mutually exclusive— an individual might have one or more of the above-mentioned rights at the same time.
- The presence of one of the three proxies is sufficient to define a person as owner or holder of secure rights over agricultural land.
- The indicator does not measure communal rights to land.
Existing data collection instruments often only collect information about **reported ownership**, which indicates:

- Reported ownership is a key concept for understanding the empowerment effects of asset ownership from a gender perspective since we expect the benefits and behaviors related to asset ownership to be influenced by people’s perceptions of what they believe themselves to own.

- However, it cannot be objectively verified, and it is not necessarily linked to objective rights over land, thus it is *usually not recommended* for estimating the indicator.

“when a person who considers him or herself to be an owner of the land, irrespective of whether his or her name is listed as an owner on an ownership document for the land. It measures people’s self-perceptions about their ownership status.”
The recommendation for collecting data for estimating SDG indicator 5.a.1 is to collect data on all three ownership proxies. This approach follows the recommendations of the EDGE methodology for measuring asset ownership from a gender perspective.

However, when data on the 3 recommended ownership proxies are not available, using reported ownership is an acceptable alternative to estimate a proxy for the indicator that accounts both for formal and de facto ownership of land.
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### Purpose

#### AGRICULTURAL HOUSEHOLDS
- Whether the household has operated land for agricultural purposes and/or raised livestock over the past 12 months regardless of final purpose of production
- Whether operating land or raising livestock was done only as wage labour

#### ADULT AGRICULTURAL POPULATION, BY SEX
- Sex of members of agricultural households
- Age of members of agricultural households
<table>
<thead>
<tr>
<th>Purpose</th>
<th>Data Item</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SELF-REPORTED OWNERSHIP</strong></td>
<td>Whether or not the individual owns or holds secure rights to any agricultural land</td>
</tr>
<tr>
<td><strong>LEGALLY DOCUMENTED OWNERSHIP</strong></td>
<td><em>(Proxy 1)</em> Whether or not any of the land owned or held by the individual has a legally recognized document that allows protecting his/her ownership/secure rights over the land</td>
</tr>
<tr>
<td></td>
<td><em>(If yes to Proxy 1)</em> Whether or not the individual is listed as an owner or holder on any of the legally recognized documents, either alone or jointly with someone else</td>
</tr>
<tr>
<td><strong>RIGHT TO SELL</strong></td>
<td><em>(Proxy 2)</em> Whether or not the individual has the right to sell any of the agricultural land, either alone or jointly with someone else</td>
</tr>
<tr>
<td><strong>RIGHT TO BEQUEATH</strong></td>
<td><em>(Proxy 3)</em> Whether or not the individual has the right to bequeath any of the agricultural land, either alone or jointly with someone else</td>
</tr>
</tbody>
</table>
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Q&A