



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

8 September 2022  
(Session 1)

Office of Chief Statistician



## Session 1

### Overview of SDG Indicator 5.a.1– Official Methodology



## 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

## Session 1

### Overview of SDG Indicator 5.a.1– Official Methodology



## 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

# 1. Introduction (1/2)



## 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

# 1. Introduction (2/2)

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.

## Session 1

### Overview of SDG Indicator 5.a.1– Official Methodology



## 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

# 1. Indicator 5.a.1: sub-indicators (a) and (b) (1/4)

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)

### Women

# of **women** with ownership or secure rights over agricultural land

---

Total # of **women** in the agricultural population

### Men

# of **men** with ownership or secure rights over agricultural land

---

Total # of **men** in the agricultural population



# 1. Indicator 5.a.1: sub-indicators (a) and (b) (3/4)

## 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

# 1. Indicator 5.a.1: sub-indicators (a) and (b) (4/4)

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**)



## Session 1

### Overview of SDG Indicator 5.a.1– Official Methodology



## 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

### 3. Key terms and concepts used in indicator 5.a.1 (1/9)

In order to monitor indicator 5.a.1, it is essential that we develop a common understanding of the meaning of the terms used.

**AGRICULTURAL LAND**

**AGRICULTURAL HOUSEHOLD**

**ADULT AGRICULTURAL POPULATION**

**DOCUMENTED LAND OWNERSHIP**

**LAND ALIENATION RIGHTS**

# 3. Key terms and concepts used in indicator 5.a.1 (2/9)

AGRICULTURAL  
LAND

AGRICULTURAL  
HOUSEHOLDS

ADULT  
AGRICULTURAL  
POPULATION

DOCUMENTED LAND  
OWNERSHIP

LAND ALIENATION  
RIGHTS

## 2020 World Census of Agriculture Land Use Classification

LU1	LAND UNDER TEMPORARY CROPS
LU2	LAND UNDER TEMPORARY MEADOWS AND PASTURES
LU3	LAND TEMPORARILY FALLOW
LU4	LAND UNDER PERMANENT CROPS
LU5	LAND UNDER PERMANENT MEADOWS AND PASTURES
LU6	LAND UNDER FARM BUILDING AND FARMYARDS
LU7	FOREST AND OTHER WOODED LAND
LU8	AREA USED FOR AQUACULTURE
LU9	OTHER AREA NOT ELSEWHERE CLASSIFIED

ARABLE LAND

CROPLAND

AGRICULTURAL LAND

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.

### 3. Key terms and concepts used in indicator 5.a.1 (3/9)

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**

AGRICULTURAL LAND

AGRICULTURAL  
HOUSEHOLD

ADULT  
AGRICULTURAL  
POPULATION

DOCUMENTED LAND  
OWNERSHIP

LAND ALIENATION  
RIGHTS

# 3. Key terms and concepts used in indicator 5.a.1 (4/9)

AGRICULTURAL LAND

AGRICULTURAL  
HOUSEHOLDS

ADULT  
AGRICULTURAL  
POPULATION

DOCUMENTED LAND  
OWNERSHIP

LAND ALIENATION  
RIGHTS

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

# 3. Key terms and concepts used in indicator 5.a.1 (5/9)

AGRICULTURAL LAND

AGRICULTURAL  
HOUSEHOLDS

ADULT  
AGRICULTURAL  
POPULATION

**DOCUMENTED  
LAND  
OWNERSHIP**

LAND ALIENATION  
RIGHTS

**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.**



# 3. Key terms and concepts used in indicator 5.a.1 (6/9)

AGRICULTURAL LAND

AGRICULTURAL  
HOUSEHOLDS

ADULT  
AGRICULTURAL  
POPULATION

DOCUMENTED LAND  
OWNERSHIP

LAND  
ALIENATION  
RIGHTS

Land alienation rights are:

1. The right to sell the land
2. The right to bequeath the land

# 3. Key terms and concepts used in indicator 5.a.1 (7/9)

AGRICULTURAL LAND

AGRICULTURAL  
HOUSEHOLDS

ADULT  
AGRICULTURAL  
POPULATION

DOCUMENTED LAND  
OWNERSHIP

LAND ALIENATION  
RIGHTS

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.

### 3. Key terms and concepts used in indicator 5.a.1 (8/9)

Existing data collection instruments often only collect information about **reported ownership**, which indicates:

“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.”

- 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.

### 3. Key terms and concepts used in indicator 5.a.1 (9/9)

- 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.

## Session 1

### Overview of SDG Indicator 5.a.1– Official Methodology



## 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**

## 4. Minimum set of data required for 5.a.1 (1/2)

Purpose	Data Item
<b>AGRICULTURAL HOUSEHOLDS</b>	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
<b>ADULT AGRICULTURAL POPULATION, BY SEX</b>	Sex of members of agricultural households
	Age of members of agricultural households

## 4. Minimum set of data required for 5.a.1 (2/2)

Purpose	Data Item
<b>SELF-REPORTED OWNERSHIP</b>	Whether or not the individual owns or holds secure rights to any agricultural land
<b>LEGALLY DOCUMENTED OWNERSHIP</b>	<b>(Proxy 1)</b> 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
	<i>(If yes to Proxy 1)</i> 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
<b>RIGHT TO SELL</b>	<b>(Proxy 2)</b> Whether or not the individual has the right to sell any of the agricultural land, either alone or jointly with someone else
<b>RIGHT TO BEQUEATH</b>	<b>(Proxy 3)</b> Whether or not the individual has the right to bequeath any of the agricultural land, either alone or jointly with someone else

## Session 1

### Overview of SDG Indicator 5.a.1– Official Methodology



# Q&A