



# Sampling and data collection to compile 5.a.1– Women’s secure access to agriculture land in Bhutan

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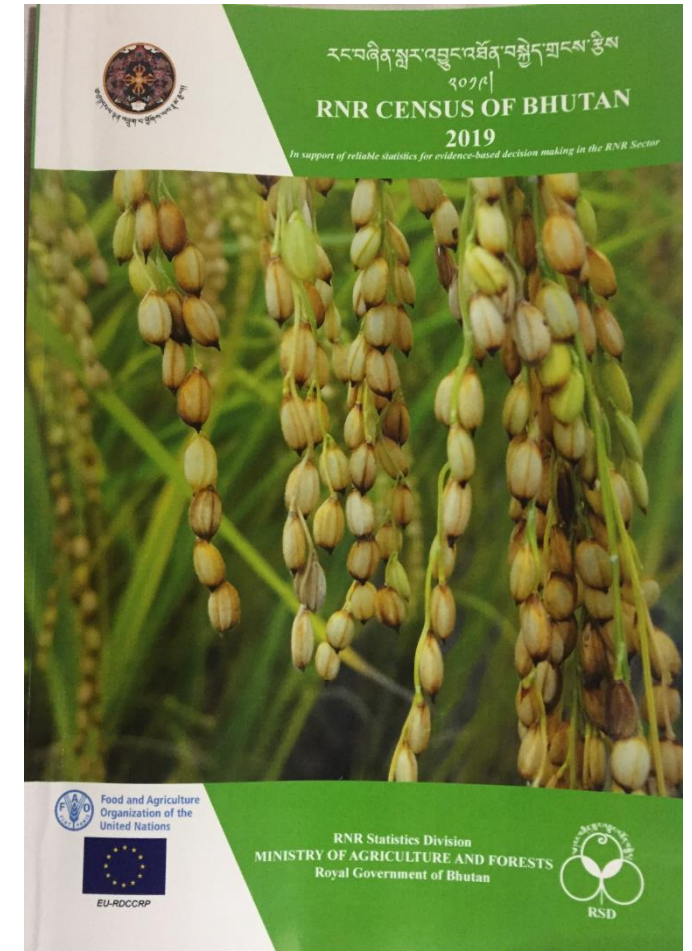
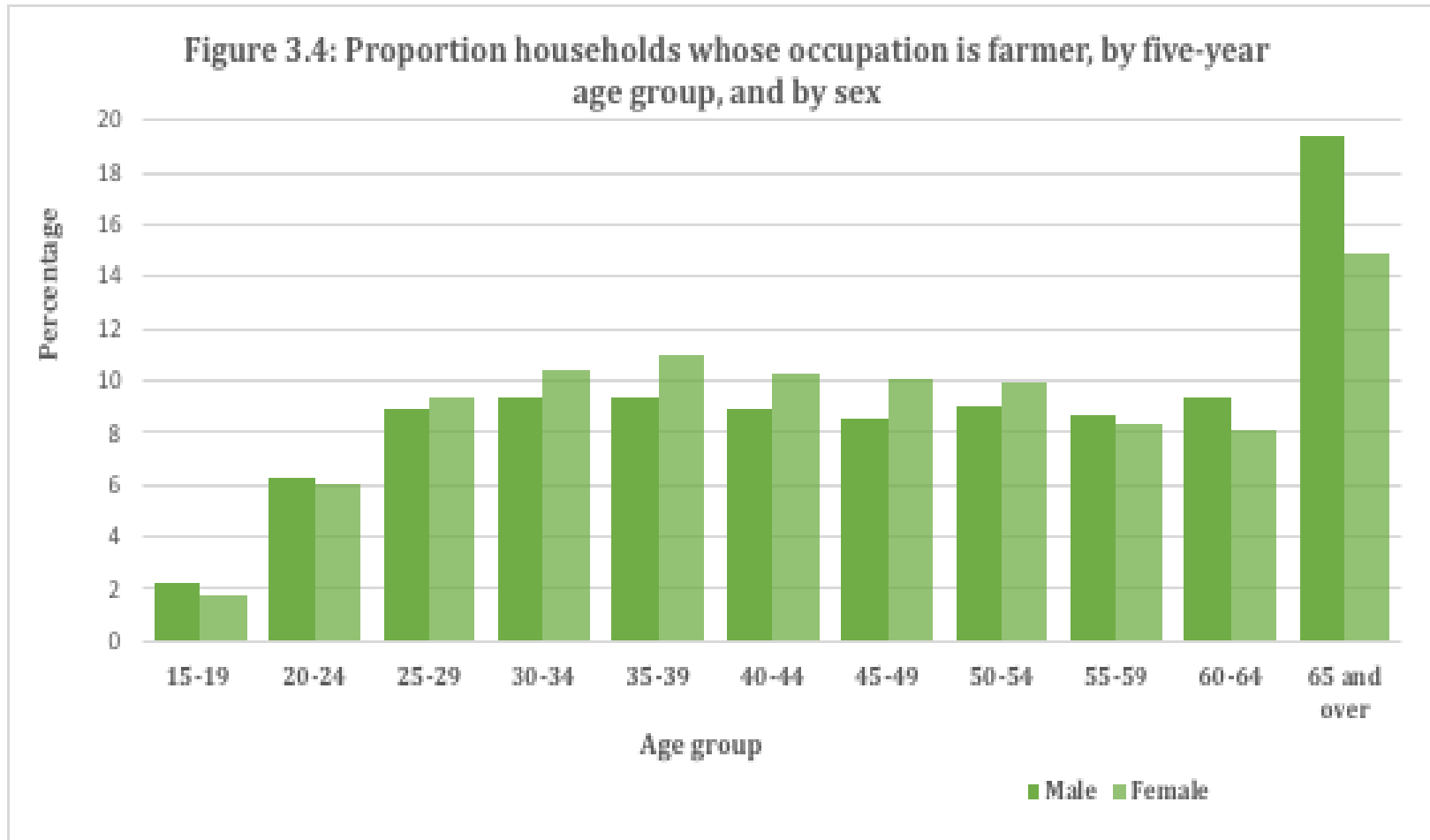
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# About Bhutan

- Small economy with 734,374 people, of which 60% reside in rural areas.
- Women accounts 47% of the population; 45.2% of the labour force, and 63% of them are employed in agriculture
- Largely agrarian; agricultural sector contributed 17.4% of GDP and employs 54% of the population;



# 2019 Bhutan RNR Census 2019 results



# 2019 Bhutan RNR Census

- Bhutan's agriculture census is referred to as the RNR Census
- 2019 RNR Census, conducted in March-April 2019, was Bhutan's third census, and the first in Asia Pacific:
  - To use the World Census of Agriculture 2020 methodology;
  - To use tablet-based Computer Assisted Personal Interviewing (CAPI);
  - To include questions for compiling SDG indicator 5.a.1 (women and men's secure rights to agriculture land); and
  - To pilot CAPI-based sampling of HH members for 5.a.1

# Agricultural land ownership and SDG 5.a.1



## 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

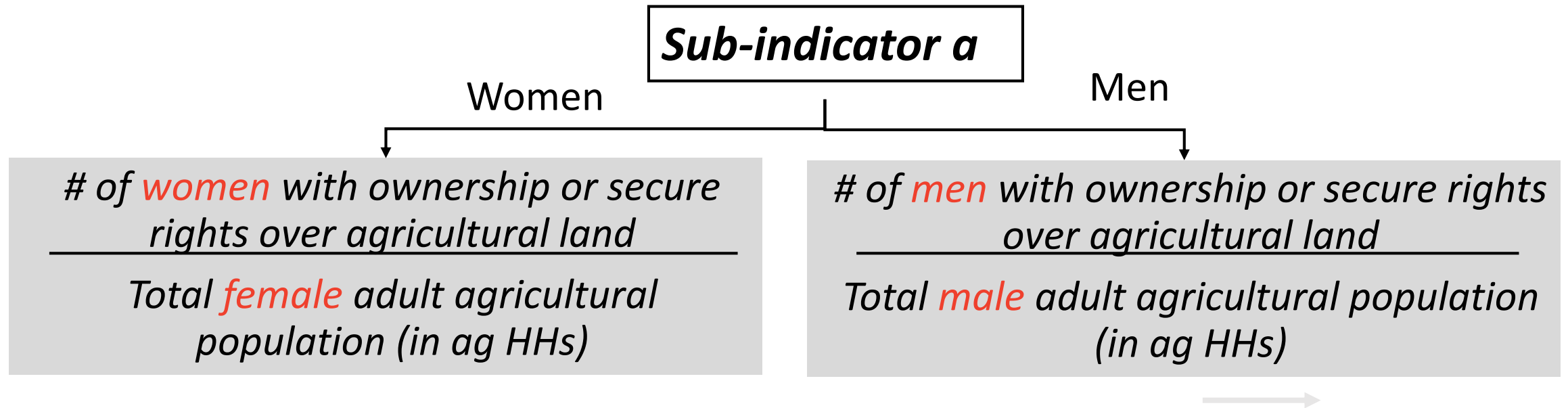
TARGET  
5.A

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

# SDG indicator 5.a.1 (a) (1/2)



Since Indicator 5.a.1 focuses on ownership or secure rights over agricultural land (crop land, meadows and pastures) the reference population (denominator) is **the population whose livelihood is linked to agricultural land – i.e., agricultural households.**

# Indicator 5.a.1 (b) (2/2)

## ***Sub-indicator b***



*# **women** with ownership or secure rights over agricultural land, by type of tenure*

*Total **people** with ownership or secure rights over agricultural land, by type of tenure*

Total adult agricultural population = population in agriculture household

Household is agricultural if it operates agriculture land and has own account agriculture workers

# *What to ask:* Proxy questions for indicator 5.a.1 (1/2)

A globally valid 5.a.1 indicator - based upon the **conclusions of the Evidence and Data for Gender Equality (EDGE) project** - uses **three proxy conditions**:



The three proxy conditions are **not mutually exclusive**, therefore it could be possible that one individual has 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 tenure rights over agricultural land.

# *What to ask:* Proxy questions for indicator 5.a.1 (2/2)

## *Proxy*

## *The proxy indicates:*

## *An individual owns or has land rights if any of the following holds :*

**LEGALLY  
RECOGNIZED  
DOCUMENT**

availability of a legally recognized document

name on a document that testifies tenure rights

**RIGHT TO SELL**

ability of an individual to permanently transfer asset in return for cash or in-kind benefits.

the right to sell the land

**RIGHT TO  
BEQUEATH**

ability of an individual to pass on the asset to another person(s) after his or her death, by written will, oral will or intestate succession

the right to bequeath the land/designate heirs

# Bhutan RNR Census 2019 questions

1. Is your name listed as an owner or one or more Thrams?
2. If yes, what type of thram is it (individual or joint)?
3. If no, are you family member for a thram for a family ownership?

Respondents above the age of 15 years and above

1<sup>st</sup> sub-set of questionnaire was asked to the respondents

2<sup>nd</sup> sub-set of questionnaire was asked to randomly selected respondents

3<sup>rd</sup> sub-set of questionnaire was filled by the enumerator

## Proxy questions

Do you own or hold use rights for any agricultural land, singly or jointly?

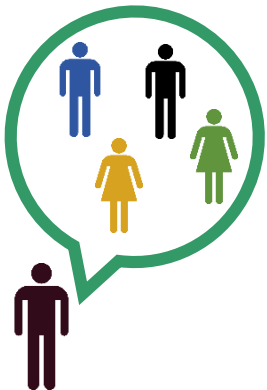
1. Is there a registered document for any of this land, singly or jointly?
2. Do you have the right to sell the land, singly or jointly?
3. Do you have the right to bequest the land, singly or jointly?

*Note: Thrams provide the right to sell and bequeath (jointly if ownership is joint or family)*

# Who to ask: Data collection strategies (1/3)

## One proxy respondent

*Normally the most knowledgeable household member, is interviewed to collect information on all the household members*



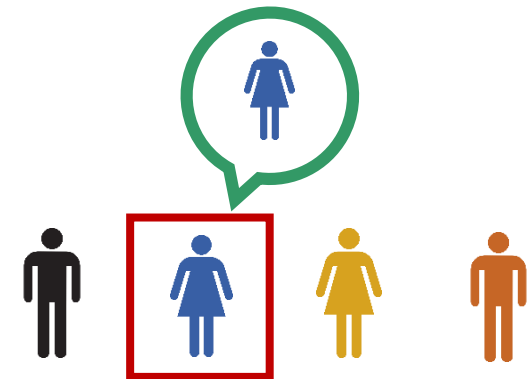
## Self-respondent approach applied to all members

*Each adult member of the household is interviewed on his/her ownership/tenure rights over agricultural land*



## Self respondent approach applied to one member

*One randomly selected adult household member is interviewed on his/her ownership /tenure rights over agricultural land*



# Conclusions and next steps



- Relatively high degree of gender equality in land ownership in Bhutan
- For randomly selected 2<sup>nd</sup> respondent, need to disaggregate proxy and direct responses, by sex
- Confirm that land ownership questions should specifically mention agriculture land ownership, or ownership of operated agriculture land? (e.g. what about agriculture operators who have non-agriculture thrams used for agriculture activity)?
- Determine how to combine main respondent and randomly selected respondent to derive an unbiased sample.

**Thank you!**

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