



Food and Agriculture
Organization of the
United Nations

SUSTAINABLE
DEVELOPMENT
GOALS



APCAS/24/B4.4

ASIA AND PACIFIC COMMISSION ON AGRICULTURAL STATISTICS

30TH SESSION

19–24 May 2024
Kathmandu (Nepal)





SIDE EVENT B:

Indonesia Experiences with Farm-based SDG Indicators

B4.4:

Indonesia Experience With SDGi 5.a.1
(Women's secure access and equal rights to agricultural land)

Presenter:

Kadarmanto

BPS – Statistics Indonesia



Metadata

Lead Ministry/Agency	BPS - Statistics Indonesia
Data users	The Ministry of National Development Planning/Bappenas, Researcher
SDGi data source	Indonesia Agricultural Integrated Survey (AGRIS/SITASI)
Data collection year(s)	2021
Reference period	1 Agustus 2020 s.d 31 Juli 2021
Sample size	301.175 holdings
Data collection frequency	Every 2-3 years (following Agris rotating modules)
Data collection mode	CAPI, PAPI, CAWI
SDGi reporting status	Reported



01

SDGs Indicators 5.a.1

The result of 2021 Agricultural Integrated Survey

A Glimpse of the Survey

2021 Agricultural Integrated Survey Coverages

Subsector



CROPS:

- Food Crops
- Horticultural
- Plantation



LIVESTOCK



FISHING



FORESTRY



AGRICULTURE SERVICES

Statistics Unit, Sample Target, and Data Collection Mode



298.779

Agricultural Households



used
CAPI/PAPI



1.219

Non Agricultural Household (institution, etc)



used
CAPI/PAPI



1.177

Agricultural Households



used
CAWI/PAPI

Area Coverage

2021 AGRIS held in
34 Province in
Indonesia and
**513 District/
City** (except
Jakarta Pusat City)



Involved about
13 thousand field workers






Indonesia 2021 Agris Questionnaire can be downloaded at:

http://s.bps.go.id/ind_agris2021

Core Questionnaires

2021 AGRIS (SITASI)

REPUBLIC OF INDONESIA
 CENTRAL BUREAU OF STATISTICS
 INTEGRATED AGRICULTURAL SURVEY 2021
MAIN DATA (KOR)

CONFIDENTIAL

IDENTITY OF REGION	
001. Province	
002. District/City*	
003. Sub-district	
004. Village/Urban Village*	
005. Classification of Village/Urban Village	1. Urban 2. Rural
006. Number of Census Block	
007. Number of Sample Code (NKS)	
008. Name of Local Environment Unit (SLS)	
009. Serial Number of Physical Building	
010. Serial Number of Census Building	
011. Sample Unit	1. Household 2. Company 3. Non Household
012. Serial Number of Household/Business Unit	
013. Serial Number of Sample	
014. Name of the Head of Household/Official Business Unit./Company	
015. Business Unit Address	

*)/strike through one

BLOCK I. IDENTITY OF BUSINESS

PART 1.1 SURVEY PREPARATION

Name of Census Taker : _____

Code: _____

Start time of interview: _____

The question R101 and R102 below are addressed for the census taker.

R101. Are the selected sample found?
 0 No → Proceed to Block IX. Add notes regarding the cause not found and STOP filling out the questionnaire.
 1 Yes, but not as an agricultural business unit → Proceed to Block IX.
 2 Yes, as an agricultural business unit

R102. Are the respondent (Owner/Vice Owner/Manager/Administrator/Employee/Household Assistant who work in agricultural business unit) can/willing to be interviewed?
 1 Willing to be interviewed → proceed to next question, and go to Economic Questionnaire and MPA
 2 Could not be interviewed until the enumeration deadline → (STOP)
 3 Refuse to be interviewed (STOP)

TEXT TO READ:
 I represent the Central Bureau of Statistics. We are conducting a survey on agricultural production in all regions of Indonesia. This survey aims to obtain information about the agricultural activities that you do. This is necessary to know the general situation of agriculture in Indonesia which will be used by the government to determine policies in advancing agriculture which in turn can improve the welfare of farmers. For this reason, we really hope for information that is in accordance with the actual conditions. The information that you provide is guaranteed to be confidential by the government. If you have any questions regarding this survey, please contact us. I thank you for your participation in this survey.

BLOCK VIII: RESIDENCE AND HOUSEHOLD ASSETS

R801 to R804 ONLY ASKED FOR BUSINESS UNITS WHICH OWNER IS AN INDIVIDUAL OR GROUP (BLOCK I, R110 = 1 or 2)

R801 to R804 must also be asked if there is a representative owner in the business unit (Block I, R110 = 2)

R801. Report the type of residence of the business unit owner.
(choose one)
 1 Detached house
 2 Semi-detached house
 3 Flats or apartments in an apartment block
 4 Rooms in a building or house complex
 5 Stores
 6 Basement or garage
 7 Employer's house? Servants' house
 8 Others (mention)

R802. Does any household member have a bank account?
 1 Yes
 0 No → Proceed to R804.

R803. Report household members who have bank accounts?
 Household member number 1: _____
 Household member number 2: _____
 Household member number 3: _____

R804. Report goods and services owned by households
(option can be more than one)
 1. Electricity
 2. Landline
 3. Mobile phone
 4. Radio
 5. Television
 6. Internet
 0. None of the above

R805 to R806 ASKED FOR BUSINESS UNITS WHICH OWNER IS AN INDIVIDUAL, GROUP OR COMPANY (BLOCK I, R110 = 1, 2, or 3)

R805. What is the ownership status of farmland used by the business unit at the time of enumeration?
(option can be more than one)
 1 Owned with official documents (including title deed, will, purchase agreement, etc.)
 2 Owned without official documents
 3 Rent by written agreement
 4 Rent without written agreement
 5 State property or customary land used together with a written agreement (certified use rights)
 6 State property or customary land that is shared without a written agreement (unclear usage rights)
 7 Occupy/manage without permission
 8 No farmland

R.806 Write the name of the company or household member who owns farmland in individual and group business units.

name of company/household member number 1: _____
 name of company/household member number 2: _____
 name of company/household member number 3: _____

R806a. If R. 805 is selected as code 1, does the [company or household member] have official land ownership documents (which give the right to own, use, cultivate) and issued by the National Land Agency (BPN)?
(Choose one)
 1 Yes
 2 No
 3 Do not know
 4 Unwillingly to answer

BLOCK VIII: ADVANCED

R806b. Type of certificate/proof of land ownership owned [company or household member]
(choose one)
 1 Freehold Title
 2 Building Rights Title
 3 Certificate of Right to Use
 4 Title of Land Ownership
 5 Notarial Deed of Sale
 6 Others (mention)

R806c. Does [company or household member] have the right to the land ownership document?
(Choose one)
 1 Yes
 2 No
 3 Do not know
 4 Unwillingly to answer

R806d. Does [company or household member] have the right to sell part or all the land (owned, used or cultivated)?
(Choose one)
 1 Yes
 2 No
 3 Do not know
 4 Unwillingly to answer

R806e. Does [company or household member] have the right to inherit part or all of the land (owned, used or cultivated)?
(Choose one)
 1 Yes
 2 No
 3 Do not know
 4 Unwillingly to answer

Notes for BLOCK VIII:

Indonesia 2021 Agris Core Questionnaire can be downloaded at: <http://s.bps.go.id/CoreQuest2021>

SDGs Indicator 5.a.1



SDGs Indicator 5.a.1

5.a.1 (a) :

Percentage of people **with ownership or secure rights over agricultural land** (out of total agricultural population) by sex

5.a.1 (b) :

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



Secure Agricultural Land/**Tenure Rights** Concept

Alienation Rights



Legal Document



Right to Sell



Right to Bequeath

- The above 3 conditions are called proxy conditions to measure **secure agriculture land rights**.
- The presence of **any one of the 3** to define a person as owner or holder of tenure rights over agricultural land. **proxies is sufficient**

SDGs Indicator 5.a.1

Indonesia AGRIS 2021's result

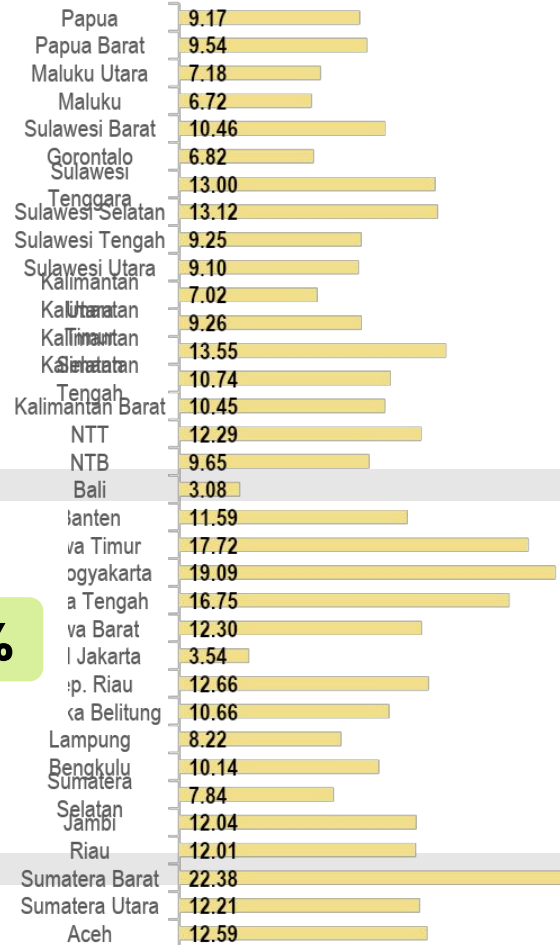
5.a.1 (a)

Percentage of people **with ownership or secure rights over agricultural land** (out of total agricultural population) by sex



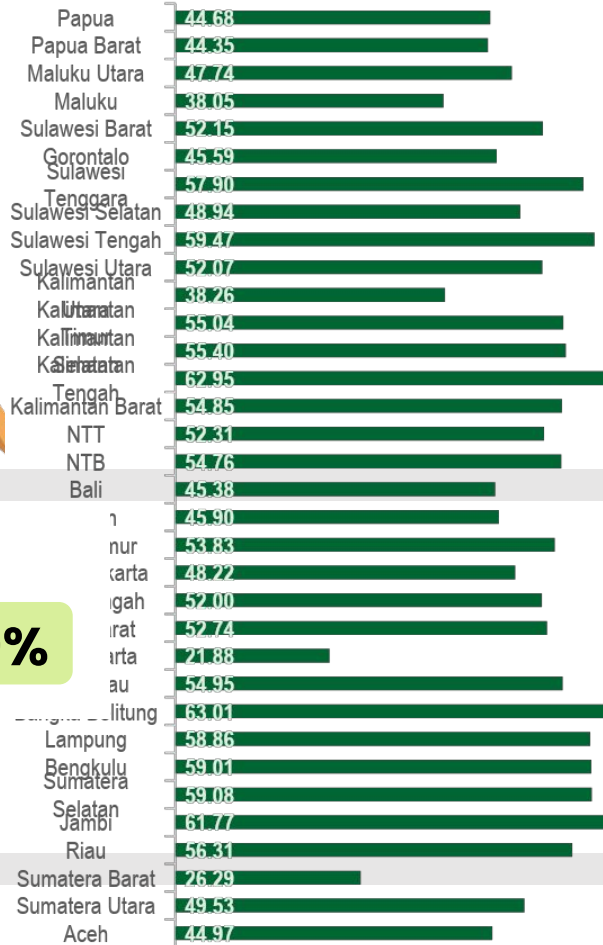
5.a.1 (a):
Women

13,61%



5.a.1 (a):
Men

52,09%

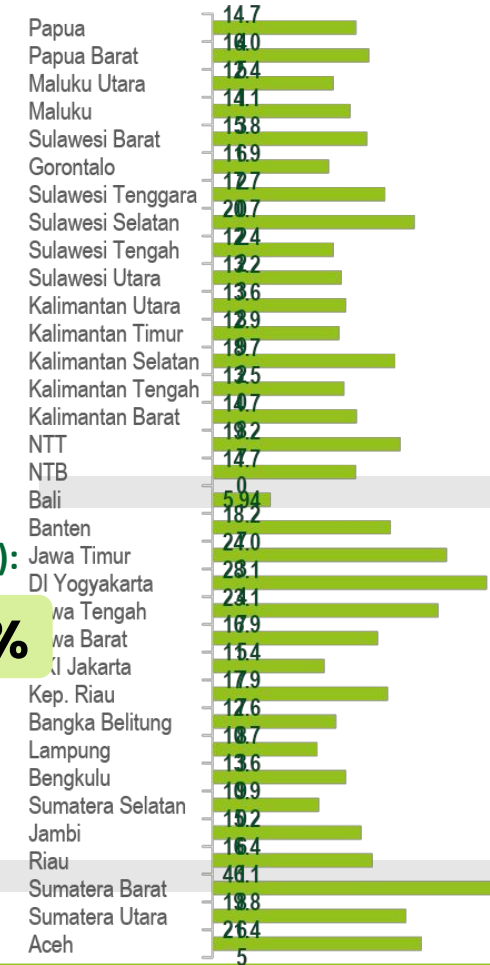


5.a.1 (b)



5.a.1 (b):

19,65%

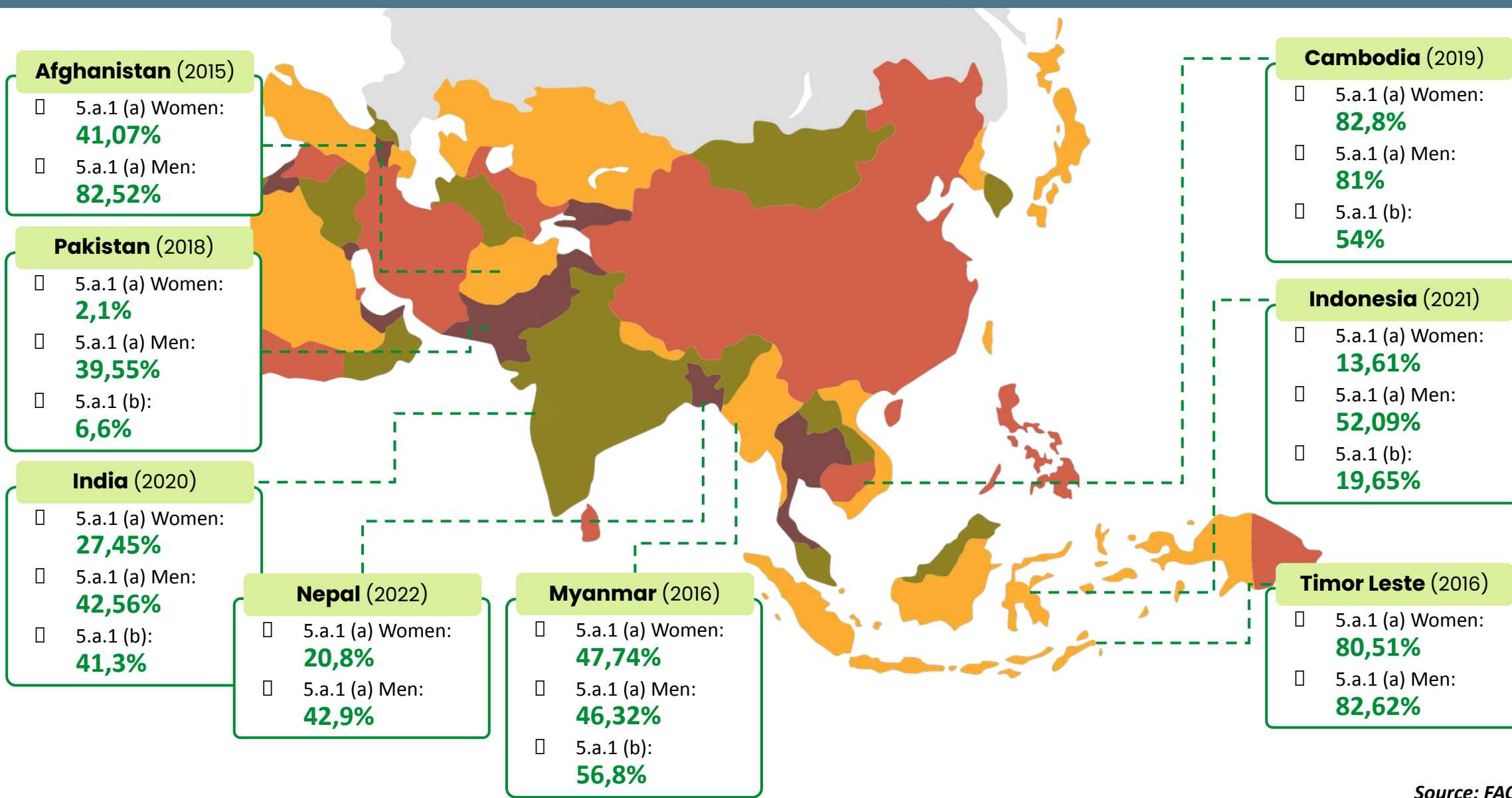


• **In Sumatera Barat**, the gap between men and women in terms of ownership or secure rights over agricultural land is relatively small. This is largely due to the prevalent practice of **a matrilineal system** among the majority of its population.

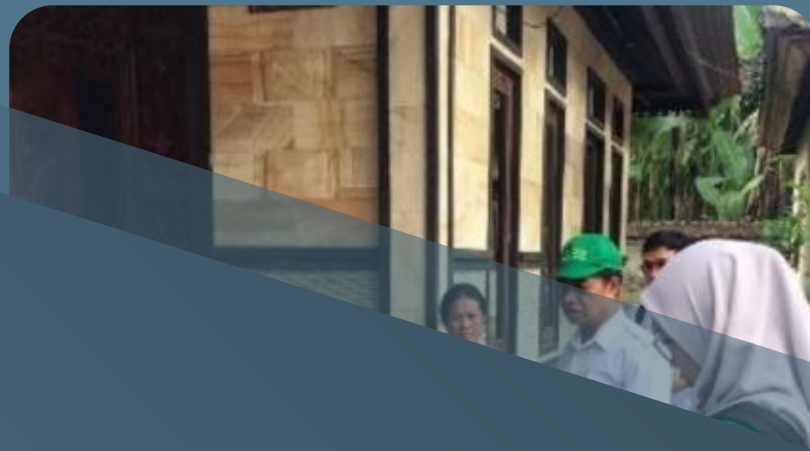
• **Di Bali**, only a small number of women possess ownership or secure rights over agricultural land. The limited land ownership by women is attributed to the prevailing cultural norms, as the Balinese society adheres to **a patriarchal system**.

SDGs Indicator 5.a.1

Around Asia



Source: FAO



02

Challenge, Solution, and Recommendation

01



Budgetary Constraints

The limitations in budget allocation result in inadequate compensation for field enumerators. Effective budget planning, conducted well in advance of the survey period is essential.

02



Questionnaire Complexity

The complexity of the AGRIS/SITASI questionnaires imposes a significant burden on respondents during enumeration, with an average completion time of approximately 3 hours per respondent.

03



Technological Challenges

The implementation of CAPI technology introduces technical and operational challenges, particularly with the BPS server's capacity limitations and the complexity of questionnaires causing server overload. To mitigate this issue, the IT team developed an alternative web-entry application during the enumeration period.

04



Impact of the Pandemic

Conducting the survey amidst the COVID-19 pandemic presents substantial difficulties, including limitations on enumeration due to lockdowns or isolation in certain areas. This necessitates an extended enumeration period, typically requiring an additional 2 months to complete.

05



Conceptual Misalignments

Some concepts and definitions in the survey are not applicable within the Indonesian context, leading to enumerator unfamiliarity and difficulties in effectively conveying and eliciting information on these international concepts.

06



Enumeration Strategies

The majority of respondents are only available for interviews during evening hours. Consequently, implementing a multiple-visit strategy becomes imperative to ensure comprehensive data collection from certain respondents.

Thank you
for your attention!



bps.go.id

