

## Technical Session 4B

### Group Discussion on practical issues relating to sampling frames

#### Learning Objective

You have by now selected core data items relevant to AFRILAND and decided on what item is suitable for complete enumeration and what should be done by sampling. You are aware that a Population Census is under preparation in AFRILAND and you want to take this opportunity to get an up to date and adequate frame for conducting your agricultural census in a cost effective manner.

Activities: Same groups, A, B, C, D.

#### Question 1:

Among the core data items that you have identified for complete enumeration, what are the items that you would like to negotiate with the responsible of the population census for inclusion in the population census? Why? How this would support your agricultural census strategy?

#### Question 2:

How will these questions in the population census help you to decide on an operational definition of agricultural holding? What are possible scenarios and what are the implications in terms of agricultural census coverage and the cost of the census?

The list of core data items and the example of Mozambique are given as follow

## Items recommended for Core

- 0001 Identification and location of agricultural holding
- 0002 Legal status of agricultural holder
- 0003 Sex of agricultural holder
- 0004 Age of agricultural holder
- 0005 Household size
- 0006 Main purpose of production of the holding
- 0007 Area of holding according to land use types
- 0008 Total area of holding
- 0009 Land tenure types on the holding
- 0010 Presence of irrigation on the holding
- 0011 Types of temporary crops on the holding
- 0012 Types of permanent crops on the holding and whether in compact plantations.
- 0013 Number of animals on the holding for each livestock type
- 0014 Presence of aquaculture on the holding
- 0015 Presence of forest and other wooded land on the holding
- 0016 Other economic production activities of the holding's enterprise

EXAMPLE OF MOZAMBIQUE:

Questions included in the population census

Section G - Livestock and Aquaculture activity

(As obtained in Section G: Population and Housing Census –Agriculture Module)

G 1: Does any member of the household practices agriculture for himself?

Yes No

G2: Does the household have any tank for aquaculture?

Yes No

If yes, how many? -----

G3: Does any member of the household practice fishing through traditional methods?

Yes No

G4: Does this household have cashew nut trees?

Yes No

If yes, how many? -----

G5: Does this household have coconut trees?

Yes No

If yes, how many? -----

G6: How many animals, this household has got?

G 6.1 Cows/Bullocks-----

G 6.2 Goats -----

G 6.3 Sheep -----

G 6.4 Pigs -----

G 6.5 Chicken -----

G 6.6 Ducks -----

## Matrix- Scenarios

Variables Section G	Urban/ Rural	Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 6
<b>Agriculture (G1=1)</b>	U & R	All Hhs	All Hhs	All Hhs	All Hhs	All Hhs
<b>Cashew+ Coconut</b>	U R	- -	>=5 >=5	>= 5 >=1	>= 5 >=5	>= 5 >=1
<b>Cows</b>	U R	>=1 >=1	>= 1 >=1	>= 1 >=1	>= 1 >=1	>= 1 >=1
<b>Goats+She ep+ Pork</b>	U R	>=1 >=1	>= 1 >=1	>= 3 >=1	>= 3 >=3	>= 3 >=1
<b>Chicken + Ducks</b>	U R	>=1 >=1	>= 1 >=1	>= 5 >=1	>= 5 >=5	>= 10 >=1
<b>Agril. Househols</b>		3,592,103	3,691,651	3,659,297	3,433,733	3,611,629
<b>% of Total Hhs</b>		75.0	77.0	76.4	71.7	<b>75.4</b>

Analysis of agricultural questions in the population census.

Activities	Percent
No Agril. activities	27.8
Only Agriculture	24.2
Only Livestock	0.4
Agri + Livestock	4.4
Agri + livestock + Chicken	9.0
Agri + CC	7.7
Agri + CC + Chicken	3.8
Agri + live + Chicken + CC	5.0