



# Update on the EDGE Surveys in Asia

R-CDTA 8243: Statistical Capacity Development for  
Social Inclusion and Gender Equality  
Component 1: Sex-disaggregated data on assets &  
entrepreneurship

Side event to the 47<sup>th</sup> UN Statistical Commission  
Methodological Developments for Gender Statistics  
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# Outline

- ❧ R-CDTA 8243 – An overview
- ❧ Survey design and implementation of EDGE pilot surveys
- ❧ Project progress
- ❧ Issues and challenges
- ❧ Next steps



# R-CDTA 8243 – An Overview

## Component 1: Sex-disaggregated data on asset ownership and entrepreneurship

### Objectives

- ☞ Contribute to development of methods under global **EDGE** initiative for data collection on asset ownership and entrepreneurship from a gender perspective
- ☞ Assist countries in adapting the standard methodology to conduct pilot surveys
- ☞ Methodological research and documentation of pilot surveys experience and results to inform EDGE guidelines



# R-CDTA 8243 – An Overview (*cont'd*)

- ❧ Being implemented in collaboration with the global EDGE initiative of UNSD and UNWOMEN
- ❧ Participating countries – Georgia (national survey), Mongolia (national survey), Philippines (one province)
- ❧ Country-driven and country-led with technical support from ADB and UNSD.
- ❧ Country Survey Team composition:
  - ❧ Team leader
  - ❧ Sampling expert
  - ❧ Data processing expert
  - ❧ Field survey management expert
  - ❧ Gender statistics expert

# Survey Design and of EDGE Pilot Surveys

## Methodology

- ∞ Drawn from Uganda MEXA survey experience:
  - Employs treatment arm 4: adult (18+) interviewed alone and simultaneously, asked on assets owned exclusively or jointly by any household member;
  - Stand-alone survey of randomly selected households
  - Questionnaires
    - *Household module*: household roster and selection of individual adults
    - *Individual module*: collects data on assets owned and entrepreneurship

# Survey Design and Implementation of EDGE Pilot Surveys

## Methodology (*cont'd*)

- ☞ At most three adult members of the household administered individual questionnaire
- ☞ Eligible respondents
  1. Primary Respondent
  2. Spouse/partner  
(together defined as the **Principal couple** are important units of analysis)
  3. **Third adult selected randomly** if there are more than 3 adults in a household

# Survey Design and Implementation of EDGE pilot Surveys (*cont'd*)

## Questionnaire Structure

Module
<b>Household questionnaire</b>
<b>Module 2:</b> Basic demographic and socio-economic information at the individual level
<b>Individual Questionnaire</b>
Module 3: Dwelling
Module 4: Agricultural Land
Module 5: Livestock
Module 6a-b: Small and Large Agricultural Equipment
Module 7: Non-agricultural enterprise and enterprise assets
Module 8: Other real estate
Module 9: Consumer durables
Module 10: Financial Assets
Module 11: Liabilities
Module 12: Valuables



# Survey Design and Implementation of EDGE Pilot Surveys *(cont'd)*

## Scope of data collection

- ∞ Collects information on :
  - Asset ownership (as a bundle of right)
    - Reported ownership
    - Documented ownership
    - Economic ownership
    - Right to alienate  
*(right to sell and bequeath)*
  - Asset valuation\*
  - Modes of acquisition\*
  - Hidden assets\*

\* Excluded in livestock, small agri. equipment, consumer durables, and valuables



# Project Progress since UNSC 2015

## Pre-Survey Phase

☞ March to September 2015

- customization of EDGE questionnaires/ manual to national context and translations
- modification of questions and response categories
- country workshops on sampling design

### Customization Process

### Pre-testing of questionnaires

- conduct of pretest I & II in Mongolia and the Philippines: *May – June 2015,*
- conduct of pretest in Georgia: *Aug 2015*

- Conduct of training of trainers, supervisors, and enumerators (*two levels of training were conducted*)

### Training

### Finalization of survey instruments

- Revision and Finalization of the questionnaire (*based on the results of pre-testing and training experience*)



# Project Progress *(cont'd)*

## Survey Phase – *Conduct of Pilot Survey*

- ∞ Face-to-face interviews using paper questionnaire.
- ∞ Team approach for data collection – each team comprising 2-4 enumerators and supervisor.

### Georgia

- 30 September to 20 October
- 2 to 3 enumerators per team
- 173 enumerators (93 contracted and 80 regular staff)

### Mongolia

- 18 September to 15 November 2015
- 5 members per team (9 teams)
- 36 enumerators

### Philippines

- 15 September to 10 October 2015
- 4 to 5 members per team (9 teams)
- 32 enumerators

# Project Progress *(cont'd)*

## Sampling Frame

Georgia	Mongolia	Philippines
<b>2014 General Population Census</b> conducted in November 2014.	<b>Population and Household Database</b>	PSU Frame: <b>2012 Census of Agriculture and Fisheries</b>

**A stratified two or three stage survey design was used in the three countries**

# Project Progress (*cont'd*)

## Post-Survey Phase

☞ December 2015 to July 2016

- Manual editing of filled in questionnaires
- Preparation of data-entry specifications
- Machine processing

### Data Processing

### Conduct of Regional Workshop on Post-Fieldwork Discussion

- Discuss progress and country experiences in the implementation of the pilot surveys

- Perform logical checks
- Data validation
- Data cleaning
- Trial tables

### Data Validation and Preliminary Tabulations

### Data Analysis and Preparation of the report

- Generation of tables on quantitative assessment and indicators
- Preparation of draft country reports

# Project Progress *(cont'd)*

## Sample Composition

∞ Number of households and individuals surveyed

	PSUs*	Households	Individuals
Georgia	158	3,160	5,938
Mongolia	188	2,964	5,595
Philippines	96	1,535	3,580

\*1 Primary Sampling Units.

# Project Progress *(cont'd)*

## Sample – hhds with 3 or more adults *(preliminary data from one country)*

Distribution of households interviewed in households with 3 or more adult members

	Total Number of households interviewed (N <sub>01</sub> )	3 adult member households		4 adult member households		5 adult member households		6 adult household members		7 or more adult household members	
		N1	%	N2	%	N3	%	N4	%	N5	%
<b>Households with 3 or more adult household members</b>	782	337	43.1	233	29.8	119	15.2	42	5.4	35	4.5
<b>Rural</b>	309	131	42.4	89	28.8	48	15.5	20	6.5	18	5.8
<b>Urban</b>	473	206	43.6	144	30.4	71	15.0	22	4.7	17	3.6

# Project Progress *(cont'd)*

## Sample – hhds with principal couples *(preliminary data from one country)*

Distribution of sample households with principal couple

	Total Number of sampled households (N <sub>01</sub> )	Households with principal couple		Households interviewed					
				Both members of principal couple		One member of principal couple		Neither member of principal couple	
				N <sub>2</sub>	%	N <sub>3</sub>	%	N <sub>4</sub>	%
Households with 3 or more adults	782	579	74.0	522	90.2	36	6.2	21	3.6
Rural	309	226	73.1	210	92.9	13	2.2	3	0.5
Urban	473	353	74.6	312	88.4	23	4.0	18	3.1
Remaining households (with 2 or fewer adults)	753	526	69.9	464	80.1	29	5.0	33	5.7
Rural	284	206	72.5	188	91.3	10	1.7	8	1.4
Urban	469	320	68.2	276	86.3	19	3.3	25	4.3
Total	1535	1105	72.0	986	89.2	65	11.2	54	9.3
Rural	593	432	72.8	398	92.1	23	4.0	11	1.9
Urban	942	673	71.4	588	87.4	42	7.3	43	7.4

# Project Progress *(cont'd)*

## Sample – individuals interviewed alone *(preliminary data from one country)*

Number and percent of interviews conducted alone or with others present

Module	Interviews conducted alone		Interviews conducted with other adult(s) present		Interviews conducted with children present	
	N <sub>1</sub>	%	N <sub>2</sub>	%	N <sub>3</sub>	%
3. Dwelling	3,291	91.9	99	3.0	70	2.1
4. Agricultural Land	3,320	92.7	79	2.4	61	1.8
5. Livestock	3,311	92.5	89	2.7	60	1.8
6a. Large Agricultural equipment	3,313	92.5	83	2.5	64	1.9
6b. Small Agricultural equipment	3,313	92.5	84	2.5	63	1.9
7. Non-agricultural enterprise	3,314	92.5	88	2.7	58	1.8
8. Other real estate	3,323	92.8	80	2.4	57	1.7
9. Consumer durables	3,318	92.7	80	2.4	62	1.9
10. Financial assets	3,340	93.3	70	2.1	50	1.5
11. Liabilities	3,332	93.0	73	2.2	55	1.7
12. Valuables	3,320	92.7	83	2.5	57	1.7

Team approach appears to have succeeded in conducted simultaneous interviews



# Issues and Challenges

## Contextualization of Questionnaires process

- ❧ Questions not relevant to country context were deleted (e.g. GEO dropped the module on small agricultural equipment and questions on tenure status of dwelling and parcel)
- ❧ Some questions in pre-testing phase proved burdensome for respondents (e.g. question on soil types)
- ❧ Questions deemed relevant to country context were added (e.g. MON added a question on the total number and value of livestock)

# Issues and Challenges (*cont'd*)

## Training and Pre-testing

- ❧ Concept of the primary respondent as against usual concept of household head in the surveys

Distribution of sampled primary respondent by relationship to the head of household: one country<sup>1</sup>

Relationship to the head of household	Primary respondents					
	Rural		Urban		Total	
	Men	Women	Men	Women	Men	Women
- head	310	113	194	67	504	180
- spouse	12	260	14	149	26	409
- son/daughter	100	74	62	61	162	135
- parents	1	8	1	3	2	11
- grandchildren	9	6	4	9	13	15
- sibling (of head or spouse)	8	6	4	8	12	14
- other relatives	11	13	4	7	15	20
- non-relatives	4	7	3	4	7	11

<sup>1</sup> Preliminary results.



# Issues and Challenges (*cont'd*)

## Training and Pre-testing (*cont'd*)

- ❧ Enumerators were mistaken as social agents or swindlers because of the nature of questions being asked to household members.
- ❧ Respondents reluctant in giving detailed responses on valuables (e.g. jewellery)
- ❧ Conducting interviews separately and simultaneously found to be challenging.
- ❧ When male members were at home, they occasionally interrupted the interviews of female respondents
- ❧ Difficulty in finding eligible household members (with at least 2 adult members present) during weekdays.

# Issues and Challenges (*cont'd*)

## Survey Assessment

- ❧ Difficulty/reluctance in obtaining responses for values of assets (*If this {asset} were to be sold today, how much could be received for it?*)
- ❧ Assigning of ownership of consumer durables to specific individuals (*when considered owned by all household members*)
- ❧ Respondents are more open to talk about loans given than loans taken
- ❧ Respondents who are ill or aged are likely to refuse to answer sensitive questions on bequeathing
- ❧ Methodology for calculating ownership: Most inclusive vs self-assigned ownership approach

# Next Steps

- ❧ Data Validation and data under progress
- ❧ Data analysis and trial tables (*May 2016*)
- ❧ Preparation of the draft country reports (*July 2016*)
- ❧ Finalization of country reports and a combined report on pilot survey experience (*November 2016*)





# Thank You!

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