



# ***Mainstreaming Sex-Disaggregated Data and Gender Indicators in Agricultural Statistics: FAO Guidelines***

Chiara Brunelli  
Food Security and Nutrition Officer  
Gender Focal Point  
FAO Statistics Division

24<sup>th</sup> October 2016

# Objective

**Aim:** provide guidance to countries on mainstreaming sex-disaggregated data and gender indicators in agricultural statistics

- Focus on large-scale agricultural surveys & agricultural modules in household & other surveys

**Final goal:** improve availability of comparable sex-disaggregated and gender-relevant data within agricultural surveys & modules

Gender Research activity is part of the *Global Strategy for Improving Agricultural and Rural Statistics*

# Main Research Output

A guideline that recommends indicators & suggests cost-effective methodologies for agricultural surveys/agricultural modules

- Proposes questions and modules for agricultural surveys
- Proposes adaptation of existing questions and modules

The proposed indicators aim to:

- Quantify men's and women's participation in agriculture & identify gender-based disparities
- Help compare progress in gender equality across countries/regions
- contribute to more in-depth analyses of men and women's engagement in agriculture

**General Approach:** move away from the holding level data and sex-disaggregations based on the sex of the holder.

# Target Audience

**Relevant national statistical authorities** responsible for designing & implementing large-scale agricultural surveys:

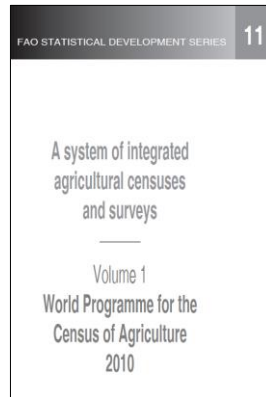
- National Statistical Offices
- Ministries of Agriculture

**Reference population: Holdings**

- non household sector – ie., commercial farms
- household sector – ie., households practicing agriculture

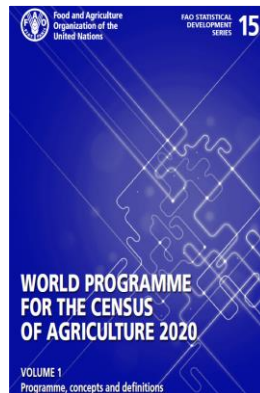
# Origins

- Builds on work in mainstreaming gender in ag statistics in FAO Statistics Division:



## 2010 World Census of Agriculture:

Concept of **Sub-Holder** proposed in recognition of the complex decision-making dynamics within holdings



## 2020 World Census of Agriculture:

1. distribution of managerial responsibilities
  2. Management and ownership of assets
- Proposed as optional concepts for an AC.

- The rather limited possibility to incorporate gender relevant data in Ag Censuses suggested a shift towards Ag. Surveys

# GS Gender Research: Process

Literature  
Review on  
data gaps &  
good practices  
(2015)

Draft  
guideline/prop  
osal for field  
tests  
(2016)

Expert  
Meeting  
(2016)

Field Tests  
  
(July-Nov  
2016)

Guideline's  
finalization  
  
(early 2017)

# Literature Review

Purpose to identify:

- Gender-based disparities in agriculture in developing countries
- Current practices and data gaps in ag surveys and censuses
- Main challenges affecting the collection of sex-disaggregated data
- Good practices



TECHNICAL REPORTS & WORKING PAPERS

## Sex-Disaggregated Data and Gender Indicators in Agriculture – A Review of Data Gaps and Good Practices



This document reviews the literature on the collection of sex-disaggregated data in agricultural surveys and the agricultural modules of national household surveys in preparation for a guidance document for national statistical institutions.

DOWNLOAD



<http://gsars.org/fr/category/publications/technicalreports/>

# Guideline's Thematic Areas

## Decision Making

- ✓ Go beyond concept of “holder” as unique decision-maker of the farm
- ✓ Collect data on **who decides/manages** specific crops or plots.

## Assets

- ✓ Priority is on **land** and **livestock** ownership
- ✓ Need to capture “**bundle of rights**”
- ✓ **Consistency with** ongoing research on women's asset ownership

## Financial Resources

- ✓ Collect individual level information on financial resources: **formal access and de-facto control**



# Guideline's Thematic Areas

## Time use & work of household members

- ✓ Production **destination** (consumption ↔ market)
- ✓ Paid ↔ **Unpaid** work
- ✓ **Control over income**
- ✓ **Light time-use module** to capture women's contribution to agricultural, domestic & care work

## External labor

- ✓ Number of female / male external workers linked with **wage-gap analysis, type of tasks**, etc.

## Trainings / groups

- ✓ Participation in trainings
- ✓ Access to extension services (and obstacles)
- ✓ Participation in groups

# Guideline's Approach

## Non household sector

Holders / managers

Labor

## Household sector

Decision Making

Assets

Time use & work of household members

Financial Resources

External labor

Trainings / groups

### For each thematic area :

- Relevant indicators
- Recommendations for data collection (questions)
- Attention to feasibility for ag surveys

# Example: Decision-Making

## Classical approach

- Who is the 'holder' (main responsible) of the farm
- Sex and age of the holder

## Proposals

1. Replace the typical question "who is the holder?" with a question that allows listing all the individuals responsible for the farm.
  
2. Identify who, in the holding, make decisions about:
  - ✓ Major permanent investments
  - ✓ Land use
  - ✓ Which crops to plant and inputs to use
  - ✓ Financing cropping activities
  - ✓ Destination of the production
  - ✓ Control of the proceedings

# Proposal 1

Q01 - List all the individuals responsible for the farm and that take the major decisions over it (HOLDERS). Start with the most important person.

ID	Q01a – Name	Q01b – Surname	Q01c – Sex 1- male 2- female	Q01d – Age	Q01f – highest level of education completed 1- none 2- less than primary 3- primary 4- Lower secondary 5- Upper secondary 6- Tertiary	Q01g - Does this person also make the day-to-day decisions about farming operation on this holding? 1- yes 2- no
1	_____	_____	_	_ _	_	_
2	_____	_____	_	_ _	_	_
–	_____	_____	_	_ _	_	_
N	_____	_____	_	_ _	_	_



# Field Tests

## Countries:

- Uganda (Sept – Oct 2016)
- Indonesia (Oct – Nov 2016)

## Topic 1 – Decision making:

- Holder as per 'classical approach' vs decision-makers: What's the added value?
- Overlap analysis across decision-making questions: identification of key questions

## Topic 1 – Time-use module:

- Feasibility of including a time-use module in ag. surveys

# Dissemination Strategy

Disseminated through Global Strategy's main partners:

- **African Development Bank** (AfDB) – Responsible for the GS Regional Office and technical assistance in Africa
- **UN Economic Commission for Africa** (UNECA) – Responsible for technical assistance in Africa
- **FAO Regional Office for Asia and the Pacific** (FAORAP) – Responsible for the GS Regional Office and technical assistance in Asia-Pacific
- **UN Statistical Institute for Asia and the Pacific** (SIAP) – Responsible for technical assistance in Asia-Pacific

Approaches:

- E-learning course
- Guideline in hard copies
- In-country technical assistance missions

# Thanks !

For more information:

Chiara Brunelli

Food Security and Nutrition Officer, Gender Focal Point, FAO

[Chiara.Brunelli@fao.org](mailto:Chiara.Brunelli@fao.org)

Marya Hillesland

Gender Specialist, FAO

[Marya.Hillesland@fao.org](mailto:Marya.Hillesland@fao.org)

Flavio Bolliger

Global Strategy Research Coordinator, FAO

[Flavio.Bolliger@fao.org](mailto:Flavio.Bolliger@fao.org)