

Second Regional Training Course on Sampling Methods for
Producing Core Data Items for Agricultural and Rural Statistics

Module 5: Sampling Methods for Livestock Surveys
Session 5.3&5.4: Data collection and field operations

9 – 20 November 2015,
Jakarta, Indonesia



Designing Questionnaire

- ✓ **Possible difficulties:**
 - ✓ Use of concepts and definitions:
 - ✓ Must be commonly understood by holders
 - ✓ May vary by regions
 - ✓ Be clearly explained by enumerators
 - ✓ Simple phrase
 - ✓ Pre-tested

Role of maps & satellite images

✓ For frame construction

- ✓ Land coverage/use
- ✓ Type of products
- ✓ Define PSU boundaries
- ✓ Assure full coverage of holdings

✓ For field operation

- ✓ Locate and find PSUs

Non-sampling errors

- ✓ Frame imperfections (urban areas, nomadic/mobile holders, remote areas,..)
- ✓ Difficult to find PSU/SSU
- ✓ Missing/damage questionnaires
- ✓ Different units of measurements across regions
- ✓ Convenience enumeration by enumerator

Work load

- ✓ Expected sample size
- ✓ Classifications:
 - ✓ Holding/holder
 - ✓ Large/ small criteria
- ✓ Size of clusters (segmentation)