Agriculture Statistics in Cambodia

Hang Lina, Director General
National Institute of Statistics, Cambodia
Cambodia Agricultural Statistics System

- The National Institute of Statistics (NIS) under the Ministry of Planning is the official national statistical office play a central role in producing basic statistics through:
  - Conduct agriculture census, every 10 years
  - Conduct inter-censal agriculture survey, every 5 years (Mid-decade Census on Agriculture)
  - Collect primary data from line ministries to compile national accounts statistics, including agriculture sector value added (GDP by sector)

- Ministry of Agriculture, Forestry and Fisheries (MAFF) play major role in the collection and compilation of agricultural statistics (e.g. crops, livestock, fisheries, and forestry statistics)

- Other ministries, such as Ministry of Water Resources and Meteorology, Ministry of Land Management, Urban Planning and Construction and Ministry of Environment responsible for the collection and compilation of other related agricultural statistics, such as waters management and irrigated land statistics, land use statistics, and agri-environment statistics
• The 2013 Agricultural Census was the first historical census of agriculture in Cambodia, covering 14,073 villages with 2.6 million households
  • Main objective is to provide data on agricultural situation for evidence-based planning and policy-making, use as sampling frame for agricultural sample surveys, and provide data at the smallest administrative unit in the country
  • It was undertaking for collection and compilation of information on crop cultivation, raising livestock and poultry and aquaculture operation

• The Census were funded by FAO, AusAid, Sida and USAID with the total costs of USD 5.2 million, including the government counterpart fund USD 1.42 million
• **Cambodia Inter-Censal Agricultural Survey 2019** was conducted by the NIS in partnership with the Ministry of Agriculture, Forestry, and Fisheries and FAO.

• It is the first Agricultural Survey conducted in Cambodia under the AGRISurvey Project supported by the FAO, funded by USAID and the Bill and Melinda Gates Foundation.
Major Agricultural Statistics Outputs /3

• **Cambodia Socio-Economic Survey (CSES)** is the household survey conducted every two years started in 2019 onwards

• Possible areas of linkage between the CSES and Agricultural Survey:
  – Standardize agricultural questions and concepts for the two surveys
  – Determine optimal strategy for collecting agricultural data from each of the two surveys
  – Evaluate sampling strategies for both surveys, and consider efficiencies of using a group of enumeration areas for both surveys
  – Collecting both CSES and Agricultural Survey data from a group of households in the sample for both surveys
Data Gaps

• Annual agricultural statistics have not been produced
• Data gaps exist in all types of agricultural domains:
  – Crop areas and production
  – Livestock and poultry inventories
  – Aquaculture and capture fishing activity
  – Demographics
  – Economics, labor and productivity
  – Production methods
  – Environment
  – Machinery and equipment
Challenges

• Lack of technical capacities: need for long term technical assistance, in particularly training activities and workshops needed, for example: survey methodology, sampling methods, questionnaire design, data analysis and data dissemination

• Coordination between the NIS and line ministries for data collection and compilation operation and dissemination have remain weak and ineffective
Other needs

• Need for annual agricultural survey to support a developing agriculture sector, monitor changes in the industry, support policy impact assessment, and measure SDG indicators

• Further, statistics for key indicators, such as crop production, food balance sheets, cost of production, agro-environmental, and farm gate prices, are insufficient and need to be better collected and utilized

• Funding and technical support
  – Need for increase budget allocation from Government
  – Need for continued funding and technical support from development partners
Thank You