Improving the methodology for producing and using administrative data in agricultural statistics

Work programme for 2013

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Background

- Sample surveys and censuses remain the most reliable source of agricultural data.

- But in practice, a large proportion of the data being currently produced in developing countries comes as by product of administrative activities (reports from extension workers, field projects other administrative services).

- Given resource and capacity limitations, it is likely that administrative data will continue to play an important role in any agricultural statistics system in the majority of developing countries.

- Even if not used for directly deriving data, administrative data can be used as auxiliary variable in designing sample surveys and censuses.
Purpose

• This research topic aims at developing strategies and technical guidelines on the improvement of administrative sources and on their use in an integrated agricultural statistics system.

• This research will be initiated in 2013 with a review of relevant studies and experiences in developed countries as well as on-going similar research, including defining the concept of administrative data.

• A detailed analysis of developed and developing country experiences in use of administrative sources will be undertaken.

• Data from Country Assessment will be used as a starting point to analyse administrative sources being currently used by developing countries.
1. **Task 1:** Review of relevant literature, studies country experiences in **developed countries** → **Output:** technical report with lessons learned that can be relevant for developing countries.

2. **Task 2:** Review of on-going research on the use of administrative data in Europe and identification of areas of synergy and complementarity → **Output:** technical report with lessons learned and areas of collaboration relevant for developing countries.
Tasks and expected outputs in 2013 (2)

3. **Task 3**: Analysis of administrative sources being currently used by developing countries: *assessment of their strength, weaknesses and suitability for use in agricultural statistics within an integrated and cost-effective system* → **Output**: technical report with identification of areas of improvement and strategies of using the improved data in an integrated agricultural statistics system.

4. **Task 4**: Identify and analyse gaps and remaining methodological issues and propose possible solutions → **Output**: Draft report on on-going or already completed research activities, literature review, gaps, remaining methodological issues and possible solutions.
Tasks and expected outputs in 2014

• Validation of results produced in 2013

• Developing a strategy for improving administrative data and approaches of using this data as input to a cost-effective agricultural statistics system combining sample surveys and administrative sources.

• Empirical studies conducted in selected developing countries on the improvements and use of administrative data.
THANK YOU

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