

Session 9 Notes

Title: **Quality Indicators and Survey Costs**
Presenter: **Marina Jansson (Statistics Sweden)**

Topic:

The presentation was about a project of assessing quality indicators and survey costs to provide guidance on how to make an optimal allocation of the resources for processes and planning for surveys regarding the total survey error.

Discussion:

- Question: (a misunderstanding if the study has been or not conducted)
- Answer: (the study has not been conducted yet)

Title: **Measuring Potential Error in Population Estimates for Local Government Areas of England and Wales**
Presenter: **Joanne Clements (Office for National Statistics, UK)**

Topic:

Presentation was about simulation methodology utilised to quantify potential errors. The principal aim is to describe sources of error, to improve understanding about the total error in measurements.

Discussion:

- Question: How do you determine the correlation structure? Is it empirical data you have or is it you just hypothesize about errors?
- Answer: We are still working on that. Research first goes in the way the correlation structure might be or between which intervals it might be. With this you then do a simulation process to get predictions on the errors.
- Question: How do you validate all of these assumptions on distributions?
- Answer: Mainly from feedback from users of the results, also against inside knowledge and the census.
- Question: Can this approach be used for a National Accounts framework?
- Answer: I am not quite sure. Maybe it is not a practical framework for that, because the main problem would be the distribution of errors.
- Question: Could you say something about Sensitivity Analysis. How the results change, changing the assumptions?
- Answer: Well, we did that in a couple of scenarios, regarding what you are talking about and the results were similar.

Title: **A Study of Sources for the Error Structure in Estimates of Census Coverage Error Components**
Presenter: **Mary Mulry (U.S. Census Bureau)**

Topic:

Presentation was about error sources, their definitions, the general codification, data collection and processing duties in the census.

Discussion:

-Question: What is the timing for getting this information?

-Answer: We are not sure yet, but we are expecting that from the summer of 2011. Perhaps we will be able to provide estimates by 2012.

-Question: (Here there were several specific short questions about details in procedures they use with interviewers and households)

-Answer: (Some specific details were given accompanied with historical numbers, facts and links to political issues)

-Question: Is there any work done on administrative records?

-Answer: There is one small study going on right now

-Question: But it is not part of this type of studies?

-Answer: Eventually it could be... There have been examples in Canada but that do not work for us.

-Question: How do you solve the coverage problem? What is the methodology you use?

-Answer: The plan is to use a demographic analysis...

-Question: Are there formal procedures afterwards that lead you to how to reduce those coverage errors that follows after you are measuring?

-Answer: Yes, there has been a plan to follow up. There are a lot of things that have been done.