

## Quality Assessment in Systems with Registers and Sample Surveys

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The National Statistical Offices (NSO) in the countries in Northern Europe (Norway, Sweden, Finland and Denmark) have developed production systems that are based on statistical registers. Almost all surveys done by the Nordic NSOs are based on these systems of registers. Besides all register surveys that use these registers also sample surveys and censuses use the register system for creating frames, including register variables and as a source for auxiliary variables used for estimation.

These ways of using registers for statistics production are well-known and many countries are developing their production systems to become more and more based on registers as in the Nordic countries. However, the *system of registers* makes it possible to work with quality assessment in a new way:

*All* registers can be compared at the micro data level and also *all* sample surveys can be compared at the micro data level with *all* registers in the system. Systematic comparisons between samples surveys and registers in the system will give new knowledge of quality in different surveys and also give new possibilities to redesign surveys and improve the quality of the surveys in the system.

**Key Words:** Administrative data, register survey, survey design, total survey error