4.1 Create frame and select sample

This sub-process establishes the frame and selects the sample for this iteration of the collection, as specified in sub-process 2.4 Design frame and sample. It also includes the coordination of samples between instances of the same business process (e.g. to manage overlap or rotation), and between different processes using a common frame or registry (e.g. to manage overlaps or to control response burden). Quality assurance and approval of the frame and the selected sample are also undertaken in this sub-process. A list of quality indicators is enclosed in this document to improve quality assurance and approval of the frame and the selected sample.

Quality indicators are applicable:
- The rate of over-coverage; the proportion of units accessible via the frame that do not belong to the target population (are out-of-scope). The rate of over-coverage is applicable to all statistical processes (including use of administrative sources);
- The rate of duplicate records identified and corrected during frame creation;
- The rate of missing or suspicious stratification and classification variables; rate of missing contact variables; time elapsed since last successful contact;
- Relative discrepancy between expected and observed sample size. Relative discrepancy between expected and observed response; addition and out of scope rates;
- The sampling error can be expressed in relative terms, in which case the relative standard error (r.s.e.) or, equivalently, the coefficient of variation (CV) is used;
- Sampling errors and confidence intervals are applicable;
- In statistical processes based on probability samples or other sampling procedures allowing computation of such information.

For details, see Quality Indicators for GBSDM (version 2.0).