

Sampling Factor Value Guidance

Sampling Factor Guidance for Appraisals where the Sample Size = 100%

It has been observed on some SCAMPI appraisals where some smaller organizations identify no real factors that cause work to be performed differently among the basic units in the organization. As a result, the sample size is 100% of the projects or work groups in the organization. In these cases, it is expected that the appraisal plan would clearly indicate that the entire organization was being sampled in the appraisal.

In these organizations, the following guidance applies when identifying sampling factors for the SAS record:

- Because SAS requires the identification of at least one valid sampling factor, define one that indicates that the entire OU is the sample.
- SAS is currently programmed to require that there be at least two values for every sampling factor identified. In the type of organization described above, appropriate values would be something to the effect of:
 - All Projects – this value would result in the creation of a subgroup that contains all projects in the OU.
 - No Projects – this would essentially be a null value, and would result in a subgroup that contained no projects.

It should also be noted that several cases have been observed where even very small organizations may have multiple factors that drive differences in the way work is performed. For example, if a small organization has commercial customers and government customers, it may very well be that “Customer Type” is a sampling factor that can result in two distinct subgroups among a small number of projects. If this is the case, it is expected that the Lead Appraiser would define the sampling factors, sampling factor values, and subgroups in accordance with this situation.