# <u>Glossary</u>

### 1. Sample

A portion drawn from a population, the study of which is intended to lead to statistical estimates of the attributes of the whole population

## 2. Population

The entire aggregation of items from which samples can be drawn

# 3. Survey

Statistical surveys are used to collect quantitative information about items in a population.

## 4. Sample Size

The sample size of a statistical sample is the number of observations that constitute it. It is typically denoted n, a positive integer (natural number).

## 5. Bias

A systematic distortion of a statistical result due to a factor not allowed for in its derivation

#### 6. Sampling error

Error in a statistical analysis arising from the un-representativeness of the sample taken

#### 7. Non-sampling error

Non-Sampling Errors are the errors, other than those attributable to sampling, that arise during the course of almost all survey activities

#### 8. Specification Error

Errors that occurs when the concept implied by the question is different from the underlying construct that should be measured

#### 9. Coverage/ Frame Error

Errors that arise from failure to cover adequately all components of the population being studied

#### 10. Non-response Error

Non-response refers to the failure to measure some of the sample units, and thus the failure to obtain observations on some units selected for the sample.

#### 11. Measurement Error

Errors arising from the fact that, what is observed or measured, departs from the actual values of sample units

#### **12. Processing Error**

Errors introduced while processing the data before they are subject to mathematical analysis.

#### 13. Gross Coverage Error

The sum of the absolute values of non-coverage and over-coverage error rates

#### 14. Unit non-response

This is a kind of non-response error that implies that no information is obtained from certain sample units

**15. Item non-response** This is a kind of non-response error which refers to a situation where, for some units the information collected is incomplete