

INTRODUCTION TO SPSS COMPLEX SAMPLES

SPSS

■ Platform: Windows ■ Level: 2

TARGET AUDIENCE

This course is designed for survey researchers who conduct studies that involve complex samples.

PREREQUISITES

On the job experience with SPSS for Windows or completion of the Introduction to SPSS course. Basic knowledge of statistics and sampling methodology will be helpful.

OVERVIEW

Do you conduct studies that involve complex samples? In this 1 day course, learn the concepts and issues relevant to complex sampling, and how to use the SPSS Complex Samples add-on module to create a sampling design, select probability-based samples and produce statistical summaries adjusted for the sampling plan.

OBJECTIVES

By the end of the course you will have learnt:

- The key survey methodologies, including clustering, stratified and multistage sampling
- To use the Sampling Wizard to guide you through the process of designing a scheme and drawing a sample
- To use the Analysis Preparation Wizard to help you prepare public-use datasets that include complex sample designs, for analysis
- To correctly analyse datasets drawn using a complex sample design
- To share analysis and sampling plans with your colleagues

COURSE CONTENT

- Sampling basics
- Probability and non-probability samples
- Sampling error
- A sample SPSS Complex Samples session
- Setting up a sampling plan
- Stratification and clustering
- One and two stage sampling designs
- Data format and entry
- Frequency and descriptive summaries
- Crosstabulation tables and test of independence
- Radio estimation
- Obtaining estimates for subpopulations.