



# Indian Institute of Public Health – Delhi Public Health Foundation of India



**Training Venue:** Plot 47, Sector 44, Institutional Area, Near HUDA City  
Centre Metro Station, Gurugram-122002, Haryana, India

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Workshop Series 2022-23

## Basic Statistical Analysis using SPSS (Aug 22-26, 2022)

Last date of registration: 8<sup>th</sup> Aug, 2022

Course Director: Prof. Sanjay Zodpey, Director, Indian Institute of Public Health- Delhi

**Course Coordinator: Dr. Ranjana Singh, Associate Professor**

**Link to registration form:** <http://tof.phfi.org/>

### About the course

Statistics plays an essential part at all stages of a research study in almost all disciplines, from planning, through conduct and to the final analysis. A researcher needs basic knowledge and understanding of statistical concepts to communicate with a statistician. With the introduction of statistical packages, by and large computing is done using computers and not manually, hence quantitative analysis of the data is often attempted by most researchers who are familiar with their research objectives and the data. This workshop proposes to cover basic statistical concepts required for understanding study results along with hands on experience of doing basic analysis using the statistical software SPSS (IBM SPSS Statistics 22). This workshop will help new users achieve a basic understanding of how to use SPSS for basic statistical analysis; as well as aid those who wish to further their skills in using SPSS.

### Contents

- Introduction to SPSS
  - Data entry
  - Data management
- Summarizing data
  - Numerically
  - Graphically
- Inferential statistics
  - Confidence interval and Hypothesis testing
  - Parametric and non-parametric tests
- Adjusted analysis
  - Linear regression
  - Introduction to logistic regression

### About the Faculty

Dr Ranjana Singh is a full-time faculty at the institute with formal training in Statistics, Population studies and Biostatistics. She has around 13 years of experience in the field of health research and applied statistics. Dr Singh is extensively involved in teaching in all in-house and eLearning academic programs and workshops at the institute. Apart from substantial teaching, she is also engaged in few of the research projects as a statistician. .

### Who should attend?

This workshop is ideal for public health and clinical researchers, social scientists, medical writers, data managers, pharmaceutical scientists, statisticians, and those working in the health research.

### How to Apply?

Interested participants may [Apply Online](#) and submit an online registration form or write to email at [trainings@iiphd.org](mailto:trainings@iiphd.org). The fee will be submitted by E-transfer, and the **bank details for E-transfer will be shared upon applying for the workshop.**

### Registration Fee

**Indian National:** 12500 INR per participant

**Foreign National:** 25000 INR per participant

The registration fee includes a course kit, lunch, and tea/coffee with snacks.

The boarding and lodging expenses will be **arranged and borne by the participants**. However, the organizers will be able to provide a list of hotels/ guest houses nearby the institute upon request.

**\*Note: We have limited seats available, admissions to be confirmed on a first come first serve basis**