



About the Institute

The NIHFW, an autonomous organization, under the Ministry of Health and Family Welfare, Government of India, acts as an 'apex technical institute' as well as a 'think tank' for the promotion of health and family welfare programs in the country. The post-graduate education, training, research, evaluation, consultancy and advisory services in the field of health and family welfare have been a major focus of the institute. In order to facilitate continuous up-gradation of knowledge and skills of various health personnel across the country, the NIHFW has been conducting training courses in different areas at regular interval. In this endeavor, the Department of Statistics & Demography, NIHFW proposes to conduct a training program on 'Data Analysis using Statistical Software for Health Professionals' from 9th – 13th January, 2023.

Course Coordinating Team

Course Coordinator : Prof. Pushpanjali Swain
Course Co-Coordinator: Dr. D.K.Yadav
Course Associates : Mr. Subhash Chand
Dr. Raj Narayan

Course Fee

There is a course fee of Rs. 5000/- per participant which can be paid by only online banking. The bank details are
Name of the beneficiary: Director NIHFW
Bank Name& Branch: SBI,NIHFW, Munirka, New Delhi
Account No.: 10932790787
IFSC Code No.: SBIN0001624
MICR Code No.: 110002056

Further Correspondence to be addressed

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Training Course
on

DATA ANALYSIS USING STATISTICAL SOFTWARE FOR HEALTH PROFESSIONALS

9th – 13th January, 2023



Department of Statistics & Demography
The National Institute of Health & Family Welfare
Baba Gang Nath Marg, Munirka
New Delhi- 110 067

Introduction

The Department of Statistics and Demography has been conducting the training programme on Demographic and Statistics methods for the health professionals including faculty of medical colleges. Over the years the feedback given by them indicates that there is a need for conducting a training programme with a special focus on statistical methods and analysis by using standard statistical software such as Epi-info/STATA/SPSS etc. All the software except Epi-info is commercial and chargeable. The software Epi-info is available freely and useful for basic statistical analysis, not for advance level analysis. The tools of the Epi-info or any free software are not user friendly; require the knowledge of Microsoft access for data management. The Statistical Software Packages for Social Sciences (SPSS) is user friendly and vastly used by academicians, researchers and students to analyse the data of research studies/Surveys/Evaluations etc. Therefore, training course on data analysis using standard Statistical Packages for Health and Demographic research is being organised for professionals engaged in research and analysis of health and demographic studies.

General Objective

To orient the participants on data analysis and develop their skills in use of statistical software for health and demographic research.

Specific Objectives

At the end of the training course, the participants would be able to:

1. To prepare the coding plan and create data set
2. To describe the nature of variables
3. To describe the applications of the statistical software in data analysis

Course Contents

The course intends to cover topics such as: -

- Introduction of data analysis
- Basic features of statistical software
- Preparation of Data set using software measurement scale of variables
- Data management
- Data analysis
- Testing of hypothesis
- Correlation and regression analysis

Methodology

The methodology of the course will comprise of:

- Lecture
- Participatory discussion
- Demonstrations
- Problem solving (exercises and data analysis using statistical software).

Duration

Five days, Date: 9th - 13th January, 2023

Nature of Participants

Faculties, Residents from Medical Colleges, Nursing Colleges, SIHFW and Demographers, Statistical Officers, Epidemiologist from Government and Pvt. organisation from anywhere in India are eligible to apply.

Last date for Receiving Nomination

31st December, 2023

Venue

Through offline mode by the National Institute of Health and Family Welfare.