

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 15th - 19th March 2027.

Course Coordinating Team

Course Coordinator : Dr. Dharmendra Kumar Yadav
Course Co-Coordinator: Mr. Subhash Chand

Course Fee & Registration Process

There is a course fee of Rs. 5000/- per participant which can be paid by only online banking.

Eligible candidates send their nominations on the E-mail: sd@nihfw.org. Required registration fee will be paid by the participants after receiving confirmation by the organizers.

TA/DA of the participants will have to be borne by themselves/ state/ sponsoring organizations.

Further Correspondence to be addressed
Dr. Dharmendra Kumar Yadav
Course Coordinator
(Assistant Professor and Acting Head)
Department of Statistics & Demography
The National Institute of Health and Family Welfare, Munirka, New Delhi-110067
E.mail: sd@nihfw.org
Phone : 26165959/26166441/ 26185696/26107773(Extn.-225)
Fax : 91-11-26101623
Web Site :www.nihfw,org

Training Course on Data Analysis using Statistical Software (SPSS) for Health Professionals

15th – 19th March, 2027



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/R/SPSS etc.

The Statistical Package for Social Sciences (SPSS) is user friendly and widely 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 about data analysis and develop their analytical skills to use of statistical software such as SPSS for health and demographic research.

Specific Objectives

After the end of training, participants will be able to undertake:

1. Data coding and create data set
2. Importing data
3. Describe the nature of variables
4. Data Transformation
5. Descriptive Statistics

Course Contents

The course intends to cover topics such as: -

- Basics of data analysis
- Descriptive statistics
- Basic features of SPSS software
- Preparation of Data set using SPSS software
- Measurement scales of variables
- Data management using SPSS software
- Testing of hypothesis using SPSS software
- Regression analysis using SPSS software

Methodology

The methodology of the course will comprise of:

- Lecture
- Participatory discussion
- Hands on SPSS software
- Problem solving (exercises and data analysis using SPSS software).

Duration

Five days, Date: 15th – 19th March 2027

Nature of Participants

Faculties, Residents from Medical Colleges, Nursing Colleges, SIHFW and Demographers, Statistical officers, Epidemiologist Research scholars/ Health Professionals working from Govt. and Pvt. organisation from anywhere in India are eligible to apply.

Last date for Receiving Nomination

5th March, 2027

Venue

Computer Centre, The National Institute of Health and Family Welfare, Munirka, New Delhi-110067.