

Terms of Reference

Short Term Senior Consultant - Biostatistics

Background

National Health Systems Resource Centre (NHSRC) has been set up under the National Health Mission (NHM) as an autonomous registered society, to channelize technical assistance and capacity building support to the states for strengthening the public health system. The NHSRC is also mandated to contribute to health policy / programme design and evaluation.

Over the years, NHSRC has played a pivotal role in evidence generation, programme evaluation, capacity building, and policy formulation to support NHM and other national health initiatives. With the growing emphasis on data-driven decision-making at national and state levels, there is an increasing need for high-quality statistical analysis, methodological support, and robust data systems. Various National Health Programmes, emerging digital health initiatives, surveys and evaluations generate extensive datasets that require expert statistical interpretation.

To enhance data-driven decision-making across programmes, NHSRC requires dedicated statistical expertise to enhance the quality of research design, data analysis, knowledge products, and programme evaluations. The Biostatistician will play a crucial role in strengthening NHSRC's analytical capacity, ensuring that evidence generated through NHM and NHSRC-supported activities is rigorous, timely, and actionable for policy and programme improvements.

The Position reports to Executive Director, NHSRC and is on a short-term contractual basis.

Roles & Responsibilities:

- Provide methodological, statistical, and analytic support for NHSRC research, evaluations, and implementation-research projects.
- Contribute to the design, implementation, data management, analysis, report generation and interpretation for research studies.
- Support development of research protocols and preparing statistical analysis plans and advise on quantitative designs, sample size, interpretation and presentation of statistical results.
- Contribute to application of advanced statistical methods, statistical analysis enhancements, advancing the knowledge of current and emerging trends in statistical analysis methodology.
- Apply data analytics techniques to generate summaries, insights, and visual presentations for reviews and senior officials.
- Manage available datasets (including large scale data), perform advanced statistical analysis, and prepare analytical progress reports.
- Conduct data cleaning, checks, outlier detection, missing data strategies, and prepare analytic datasets.
- Analyse the existing data from various from government portals (HMIS, AAM portal, NP-NCD portal etc) to generate evidence for policy decisions.

- Develop tables, figures, and write statistical sections for reports, policy-briefs, working papers, and research manuscripts.
- Manage field-level data collection activities, ensure data quality, and oversee field researchers.
- Support program evaluation and contribute to preparing strategic documents and publications.
- Perform additional activities/duties related to the institution, as assigned from time to time by Executive Director.
- Support Executive Director for functions of NHSRC.

Qualification & Experience:

- PhD / Masters in Biostatistics/Statistics (Regular Mode)
- 5 Years of relevant Post Qualification work experience in Public Health and health research.
- Sound knowledge of the principles, concepts, methods, and standards of research and statistical applications.
- Sound skill for using statistical analytical techniques and software programs such as SPSS, STATA and R etc.
- Ability to develop scientific models & computations shall be advantageous.
- Knowledge of scientific reporting and manuscript preparation requirements and standards.
- Experience in handling large scale survey data.

Age Limit: Up to 50 Years (as on the date of receiving the application)

Work Location: New Delhi; Opportunity to gain hands on experience of public health canvas of states and districts. Travel to states and districts may be involved.

****Fee offered within the band Rs. 90,000/- to 1,50,000/-will be commensurate with qualification and experience.***

Duration: The consultancy is a short-term position for three months, and an extension is based on project needs and performance.

Note: As this is a short-term assignment.

- Preference will be given to candidates residing within Delhi/NCR region.
- The selected candidate will be required to join within 7 days.
- Only shortlisted candidates will be called for an interview
- The candidates may be subjected to written test

How to apply: Candidates are requested to fill the online application correctly which is available on the NHSRC website (<http://nhsrcindia.org>). Applications will be accepted in the prescribed online application format only. The last date for receiving applications is **9th December 2025**.