

National Annual Health Review 2073/74

Nepal Health Research Council

Prof. Dr. Anjani Kumar Jha
Executive Chairman

7 Ashoj 2074, Saturday

Key Functions

Research Regulation: Regulate the research activities in health

Generation & Translation of Evidence : Conduct and/or collect evidences for translation into policies and practice

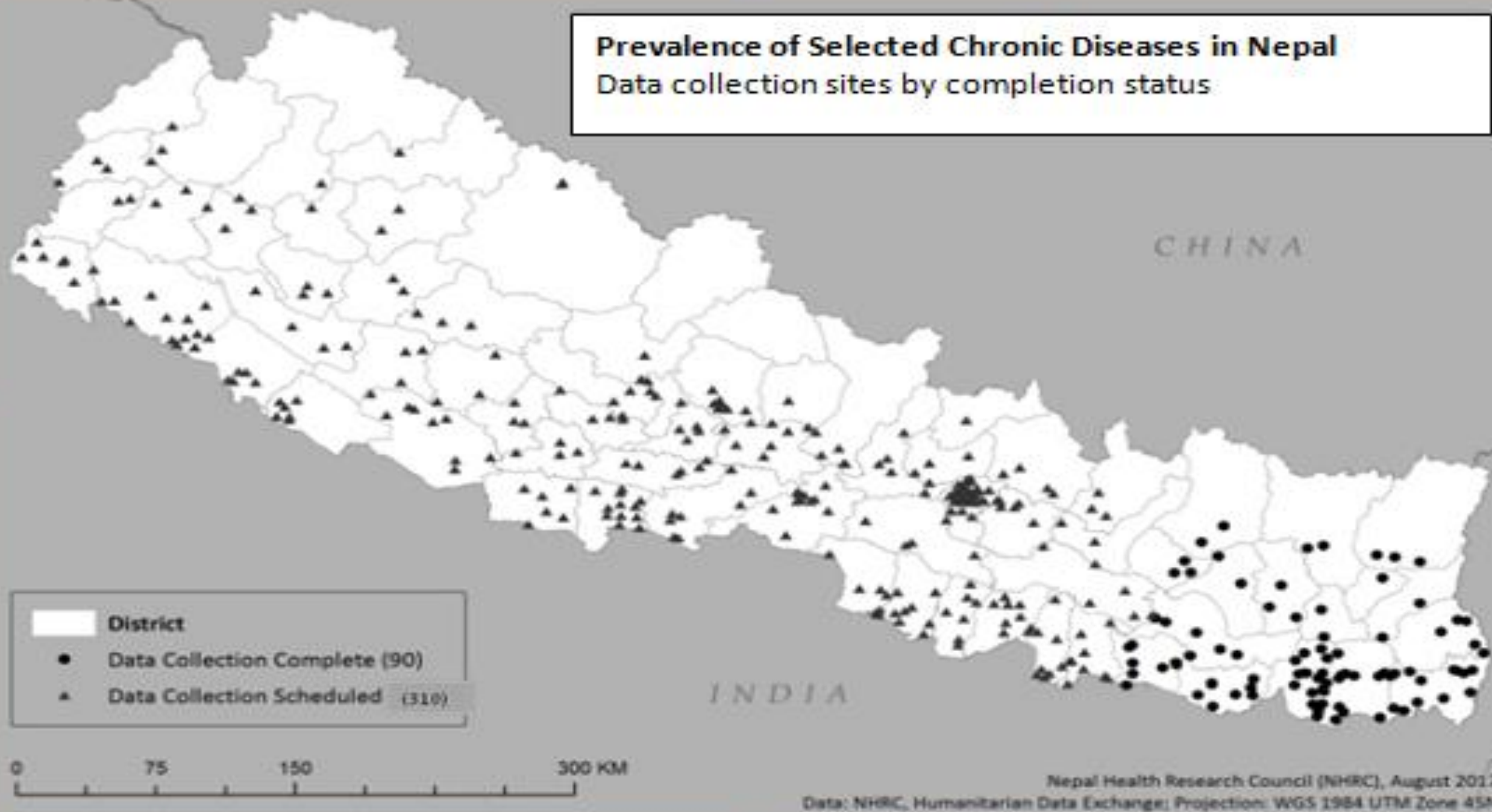
Research Promotion: Capacity Building, Facilitating evidence generation through grants and research support

Major activities and achievements

- Study on Prevalence of selected chronic diseases Chronic Obtrutive Pulmonary Disease(COPD), Coronary Artery Disease (CAD), diabetes, Chronic Kidney Disease (CKD)
 - *13200 participants from 72 districts*
 - *Data collection completed in 16 districts of EDR and 4 districts of CDR*
 - *Data collection remaining in WDR, MWDR, FWDR*
 - *Preliminary analysis of EDR has been completed*
 - Prevalence of raised blood pressure =29.4%
 - 14.6% of the respondents were at high risk of COPD
 - Prevalence of Diabetes Mellitus = 8.3%
 - Prevalence of Angina= 2.2%
 - Albumin creatinine ratio more than 30 in 12.3% of research participants

Prevalence of Selected Chronic Diseases in Nepal

Data collection sites by completion status



Major activities and achievements

- Community based Intervention for Prevention and Control of NCD risk factors (CIPCON)
 - To assess effectiveness of community based intervention in management of NCDs
 - Baseline study has been completed and intervention is ongoing
- Third National summit of Health and Population scientists successfully completed
 - There were 47 oral presentations and 129 poster presentations in the summit
 - Around 1000 participants were present in the summit

Major activities and achievements

- Verification of Disbursement Linked Indicators (DLI) completed
 - Out of 12 indicators to be verified by NHRC, 11 indicators have been verified and indicator 9.1 is being reanalyzed
- Outbreak investigation on scrub typhus completed
 - Line listing data of all scrub typhus cases reported to EDCCD was done, Chitwan district was selected for rodentological and entomological study
 - Study confirmed the presence of *O. tsutsugamushi* in human serum, rodent serum and chigger mites thereby indicating the ongoing transmission cycle of scrub typhus in Nepal

Major activities and achievements

- **Outbreak investigation on febrile disease in Foklan Tapu, Morang**
Three cases of leptospirosis in rapid test, confirmatory test ongoing in NPHL
- **Data collection for assessment of social health insurance scheme has been completed and report is being prepared.**

Major activities and achievements

- Planning for pilot study of national Mental Health Survey
- Ethical clearance and promotion of responsible conduct of research
 - 375 Research proposal ethically approved

Major activities and achievements

Knowledge management and translation of evidence into policy and practice ongoing

- Total of 5 systematic review groups working on different issues like hypertension, diabetes, oral health, Diphtheria vaccine, human resource for health

Total of 3 training sessions of health system research proposal development, 2 sessions of data management and analysis and 2 sessions of scientific writing were conducted each consisting of 25 participants

One training for government medical doctors and one advanced statistical analysis training

Major activities and achievements

- Proposal for study on Sickle cell anemia is being prepared
- Proposal for Population based cancer registry is being prepared
- Training activities at provincial level have been initiated

Major activities and achievements

- Provincial and PG grant program has been initiated
 - 35 PG grant and 25 provincial grant have been awarded this year
- Details of provincial grant
 - Province 1= 5 research projects
 - Province 2= 3 research projects
 - Province 3= 3 research projects
 - Province 4= 3 research projects
 - Province 5= 4 research projects
 - Province 6= 3 research projects
 - Province 7= 4 research projects

Key Opportunities in Federal Context

- Structural Reform
- Research Regulation
- Evidence Generation at provincial level
- Evidence Synthesis & Utility
- Capacity Building

Opportunity: Structural Reform

- Setting up provincial liaison offices in short run and branch of NHRC in long run
- Establishing linkage with provincial health offices thereby promoting evidence based decision making

Opportunity: Research Regulation

- Decentralize Ethics Approval process through provincial offices in long run

Opportunity: Evidence Generation

- Regularly develop and update the research priority at provincial level
- Initiate operational research relating to different health program at provincial level
- Opportunities for evaluation and Economic Analysis of national health programs

Opportunity: Evidence Synthesis & Utility

- Provincial office can synthesize evidences at provincial and local level to facilitate decision making
- Can use Health Management Information System (HMIS) data to facilitate decision making at provincial level
- Can prepare policy briefs for policy makers at provincial level
- Can establish more expensive coordination mechanism to identify evidence need and priorities at provincial level.

Opportunity: Capacity Building

- Through extension of training program at provincial NHRC can contribute to promotion of research capacity
- Can organize provincial level dissemination program for promotion of research culture and encouragement of research scientists.
- Collaborate with national level and provincial academic institution to develop NHRC as an education hub in the areas of health and medical research

Key Challenges in Federal Context

- Setting up infrastructures at provincial level
- Ensuring quality of research project ethically cleared from provincial offices
- Aligning structure of NHRC with structure of Ministry of Health (MOH) at provincial level

Way Forward

- Establishment of Liaison offices at short run and fully functional provincial offices at long run
- Establishing formal mechanism to link decision making at provincial health offices with provincial office of NHRC

Thank you