

Urban Health Data Hub (UHD-Hub): Promoting Evidence Use in Urban Health Systems in Budhanilkantha Municipality, Nepal

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Background

- The rapid urbanization in Nepal has brought both opportunities and challenges, in the realm of public health.
- Budhanilkantha municipality, characterized by rapid urbanization and population growth is tackling with the pressing environment and health challenges in recent years.
- As urbanization shape the landscape of communities, addressing the intricate challenges of urban health becomes imperative.
- Governments and development institutions face challenges in obtaining quality, up-to-date data for research and data-driven policy solutions.
- To bridge these challenges, this project proposes an initiative to implement an Urban Health Data Hub in the municipality

Objectives

- Understand and map the demographic distribution, housing, social and community assets in ward 7 of the municipality
- Assess the health status of residents in ward 7
- Measure the readiness of all public healthcare facilities in Municipality
- Conduct the household survey to measure the prevalence of communicable and non-communicable diseases, behavioural risk factors and environmental health conditions
- Develop an Urban health Data Hub that coordinates multiple data sources and provides a comprehensive data platform for urban health system strengthening.
- Ensure the data hub is co-designed with municipal stakeholders promoting local ownership and sustainability.

Method

Health Facility Survey

- Health facility survey will be conducted in all the 20 public health facilities.

Population Census

- Population Census will be conducted in Ward No 7
- Data will collect from 1700 households and 7000 population

Co Design Process

Development of Urban Data hub

Implementation of Urban Data Hub

Use of Urban Data hub

Secondary Data Analysis

Social Mapping

- Social mapping will be conducted in Ward No 7.
- Transect walk
- Participatory Research Methods

Household Survey

- Household Survey will be conducted in 12 wards
- 1200 households
- Grid Sampling will be used

Improved data access for decision-making

Improved data utilisation

Expected Outcome

Strengthened multi-sectoral collaboration

Sustainable Development

Better-targeted health interventions

Health Data Portal in Budhanilkantha Municipality

