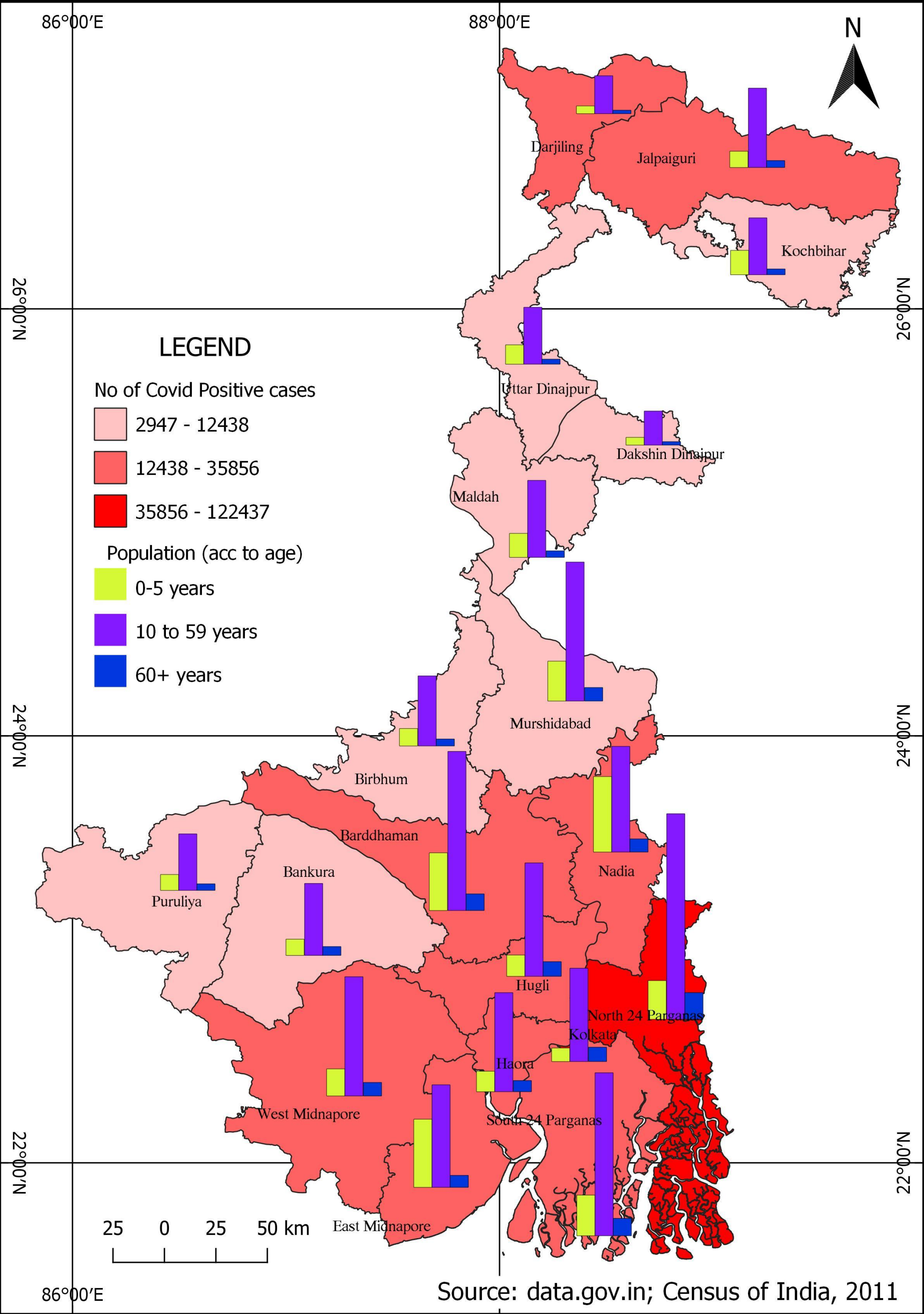
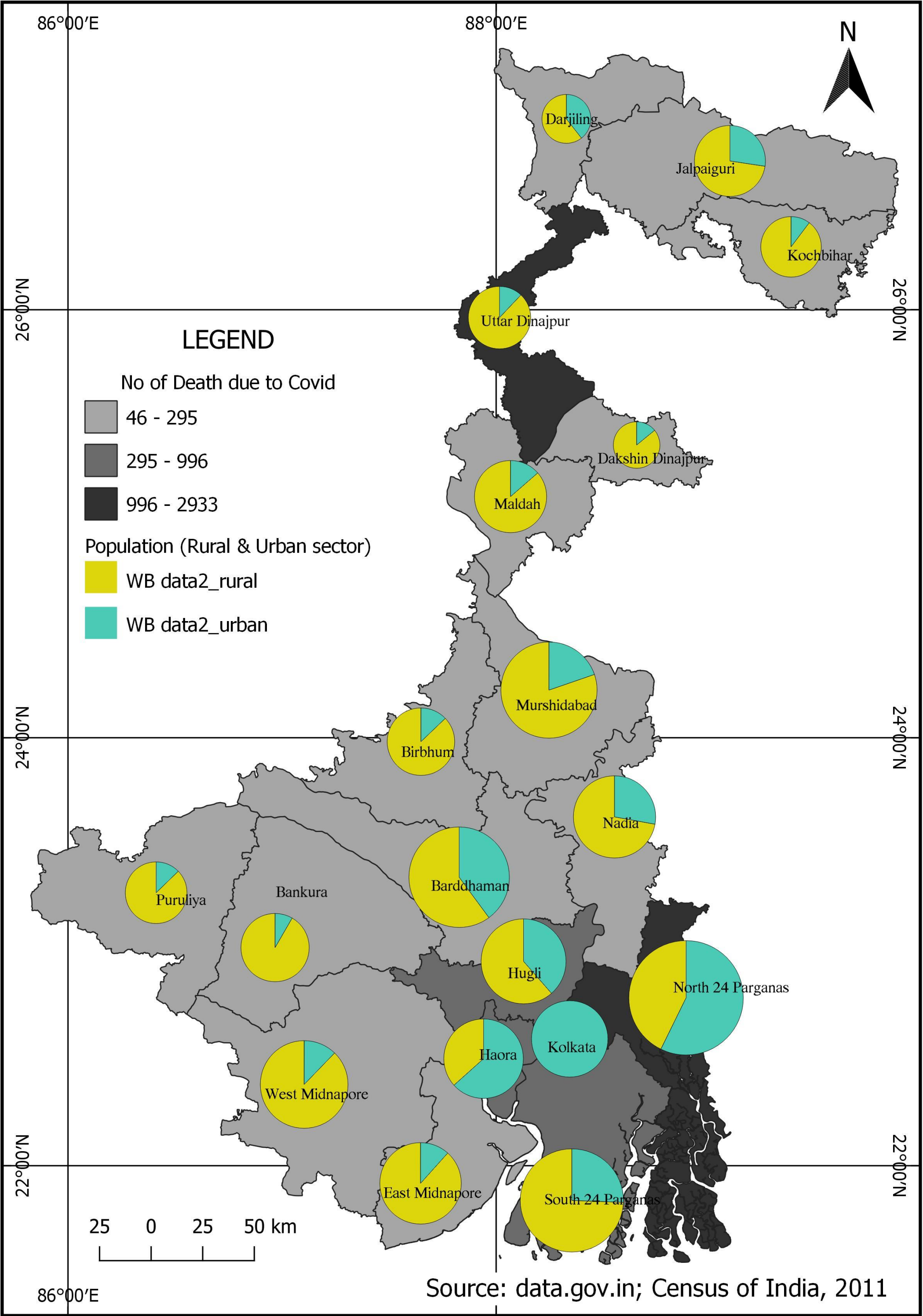


Title: Impact of Covid19 & Age-group Vulnerability Map with Rural-Urban Population Distribution of West Bengal

Map1: Total Number of Covid19 Cases & Age Group wise Population Distribution for Vulnerability Analysis



Map2: No of Covid19 Related Deaths and Rural Urban Population Distribution



Map description and analysis

West Bengal has ranked 8th in the total number of Covid19 cases among the states in India. In these two maps we have tried showcase the demographic scenario of West Bengal and the current Covid19 scenario in the state.

Objective of the study:

In this study we aimed to identify the distribution of total Covid19 and Covid19 related deaths cases across the districts in West Bengal. We also presented the age group wise population distribution of each district to identify the most vulnerable age groups in the population which will be helpful to prioritize the distribution vaccine. The rural urban population has also been presented to identify population distribution of the district in both the setup which will be very beneficial in the distribution of vaccine.

Map1- Description:

In this map we have shown the total number of Covid19 cases in the districts of West Bengal with the help of choropleth. We also shown the age group wise population in all the districts. The total population of the districts has been divided in three age groups 0-9(child population), 10-59 and 60+ (old age population)to identify the total persons in the vulnerable age groups.

Map2- Description:

This map represents the total number of Covid19 related deaths in each district of the using choropleth map. We also have used pie charts to the rural urban population distribution of each district.

Findings And Analysis:

It has been obvious that Kolkata is the hotspot of Covid19 in West Bengal. The two bordering district of Kolkata, North 24 Parganas and Howrah is the 2nd and third most affected districts in terms of both total number of Covid19 cases and deaths related to Covid19. Our study also found that only these three districts in the state has more people living in urban areas than the rural areas. Other than these three districts Nadia, East Mednapur, Bardhaman, Murshidabad, South 24 parganas is also very vulnerable to Covid19 as the old age and child population is very large in these districts.

Team Name: GeoSquad

Topic: Health infrastructure, population, age group etc. for Vaccination

Team member/lead: Debarghya Chakraborty
Tulika Mondal

Organization: International Institute for Population Sciences
Asutosh College, University of Calcutta

Contact/email: chakrabartidebarghya.10@gmail.com
tulikamondal.97@gmail.com