

# Incidence and Outcomes of Traumatic Injury in New England Before, During and After the COVID-19 Pandemic

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## Objective

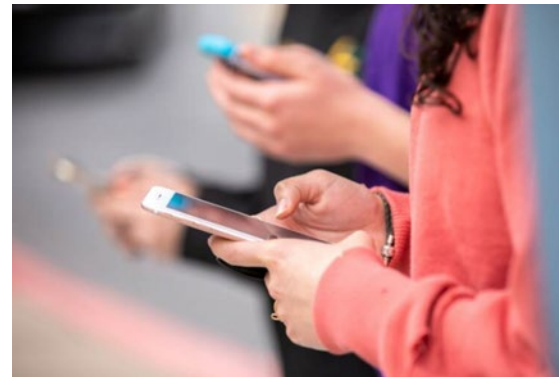
- This study utilizes cell phone data made available to the Yale School of Management by a company that collates these data from carriers.
- The goal is to correlate the degree of mobility and interaction of cellphones as predictors of both blunt and penetrating trauma volumes.
- It examines the impact of lockdowns on mobility and correlates this with trauma volumes in both rural and urban centers of New England



## Methods

This is a multi-center, Yale University led study to assess the potential for correlating variation in smart phone mobility and interaction driven by the pandemic with variations in volume of both penetrating and blunt trauma patients in one geographic region.

This project will obtain trauma registry data from a sampling of New England level I and II trauma centers to measure the epidemiology of traumatic injury. It is anticipated that this study will capture urban, suburban, and rural trauma center data for inclusion. This will be through the **Research Consortium of New England Centers for Trauma (ReCONNECT) group**.



## Results



- Data is currently being analyzed.
- There are 8 participating centers that have submitted a total of 65K patients.