

ABSTRACT

Urban transportation connectivity has been disrupted more by COVID-19 epidemic everywhere in the country. In this study, we examine how COVID-19 affects the building aspects of the urban mobility system. By examining the effects of the outbreak in different communities within the traffic conditions network, we add to the literature. We examine a sizable data on Chicago's urban mobility and extrapolate a number of conclusions. Our investigation into the mobility communication network is crucial because a deeper comprehension of these networks can limit the contacts that lead to the spread of illness. We discover that the epidemic had a substantial influence on Chicago's cab network's organisational structure.

Our research provides some specific findings for decision-makers that can help in formulating urban mobility plans during the epidemic.