

FMRI Project Highlight

Analysis of Vehicle Movement during the COVID-19 Pandemic

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This research has identified the changes in vehicle movement in the pandemic year 2020 for the period of time March until August compared to the non-pandemic year 2019 of the same period. Vehicles were categorized based on Federal Highway categorization and with emphasis on freight, statistical methods were used to recognize the days with significant changes.

Furthermore, the investigated period was separated into three stages in order to analyze the demand and resilience of transportation in pandemic management and government decisions.

Finally, in order to understand the impact of location in the decision made procedure the initial data were separated in rural and urban areas and compared for within and between them.

