



UTC Project Information – Cooperative Mobility for Competitive Megaregions (CM²)

Project Title	Estimating the Impact of COVID-19 on Travel Behavior and Perceptions: An Investigation of Commuting Travel and Intercity Travel in the Northeast Megaregion
University	University of Pennsylvania
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Funding Source(s) and Amounts Provided (by each agency or organization)	U.S. Department of Transportation: \$45,138.89 Megan S. Ryerson Grants from the University of Pennsylvania Real Estate Services and also from internal funds (match): \$29,110.57 Other (match):
Total Project Cost	\$74,249.46
Agency ID or Contract Number	UTDOT Grant number: 69A3551747135
Start and End Dates	1/15/2021-07/30/2022
Brief Description of Research Project	The impact of COVID-19 on transportation – both for routine commuting and for less routine intercity transportation trips – has been significant and uneven across modes. As traveler concerns, beliefs, behaviors, and actual travel needs have changed, there are concerns related to the use of pre-COVID-19 travel data to predict travel demand going forward. The extent to which the COVID-19 pandemic will shift the propensity to travel and the mode of travel – both because of changing norms and changing needs – is an open and highly consequential question. The goal of this project is to understand future travel demands (both in trip generation and mode choice) for trips generated from a major anchor institution for both routine commuting and intercity transportation. Through a survey of more than 400 members of the faculty and staff at the University of Pennsylvania – the largest trip generator in the Delaware Valley Region in the Northeast Megaregion – and other sites about travel behaviors prior to the COVID-19 pandemic and their perceptions and plans for travel in the future – we will build models that provide new understanding into how changing perspectives and travel needs will shape the future of commuting and intercity travel. Our analysis will provide planners, from those looking to incentivize sustainable behavior and control congestion to those planning scheduled transportation modes, with a spatial scenario analysis tool to evaluate future local, regional, and megaregional travel patterns.

Describe Implementation of Research Outcomes (or why not implemented)	"Project has not begun yet, so no implementation."
Impacts/Benefits of Implementation (actual, not anticipated)	"Project has not begun yet, so no impacts have been realized."
Web Links (to reports, project website, etc.)	

[Place Any Photos on Remaining Pages]