

Disparities in Access to Driver Education for Teens as a Health and Mobility Equity Issue

Data Collection

What data will you collect or create?

Our team has assembled a completely novel database of over 18,000 Ohio teens, which includes the following individual-level data: state licensing data, crash data, and DE completion data; household-level data matched with transportation urban planning-related open data; and results from the Virtual Driving Assessment (VDA), a virtual driving skills measurement test our broader team at the Children's Hospital of Philadelphia administers to learner drivers. Advanced spatial modeling techniques allow us to collect Socio-economic status data related to home address, and calculate impedance to the nearest DE center.

How will the data be collected or created?

We are pleased to report the data have all been collected to date from CHOP, and also from

Documentation and Metadata

What documentation and metadata will accompany the data?

We maintain a fully documented R markdown file.

Ethics and Legal Compliance

How will you manage any ethical issues?

We have support from the Wetizman RSC as well as CHOP. Our research is under an up to date IRB.

How will you manage copyright and Intellectual Property Rights (IP/IPR) issues?

N/A. This is already managed by Penn/CHOP.

Storage and Backup

How will the data be stored and backed up during the research?

Our data is all managed behind security at CHOP. We interact with the data behind the CHOP security (as we are CHOP NTPs.)

How will you manage access and security?

Our data is highly secure with CHOP.

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

All data will be secured and retained, due to it being collected in a partnership with CHOP.

What is the long-term preservation plan for the dataset?

We rely on our CHOP Partners for this preservation plan.

Data Sharing

How will you share the data?

We will not share the data. It is private, and highly secure.

Are any restrictions on data sharing required?

Yes, the data are restricted to being used behind CHOP security, and therefore to CHOP NTPs.

Responsibilities and Resources

Who will be responsible for data management?

Megan Ryerson, PI

What resources will you require to deliver your plan?

We do not require other resources, as we are already actively working with this data and our CHOP partners.

Planned Research Outputs

Data paper - "TBD Journal Publication"

We will be submitting multiple manuscripts, and presenting at TRB.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
TBD Journal Publication	Data paper	Unspecified	Open	None specified		None specified	None specified	No	No