

Transportation and Health

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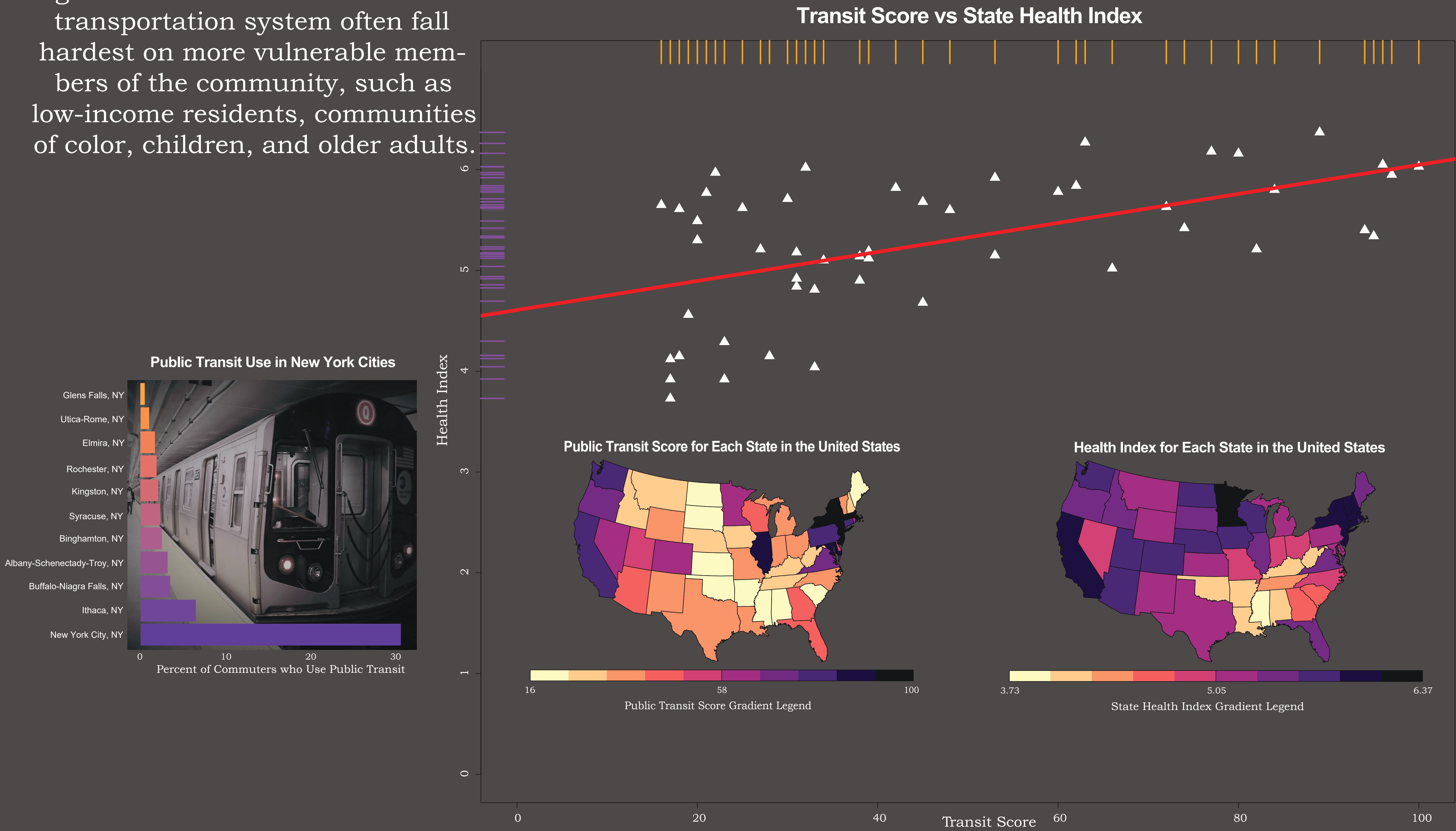
Story

Providing a well-connected, multi-modal transportation network increases people’s ability to access destinations that can influence their health and well-being, such as jobs, health care services, and parks. Negative health effects related to the transportation system often fall hardest on more vulnerable members of the community, such as low-income residents, communities of color, children, and older adults.

Can well-connected public transit sytems lead to longer, healthier lives?

Motivation

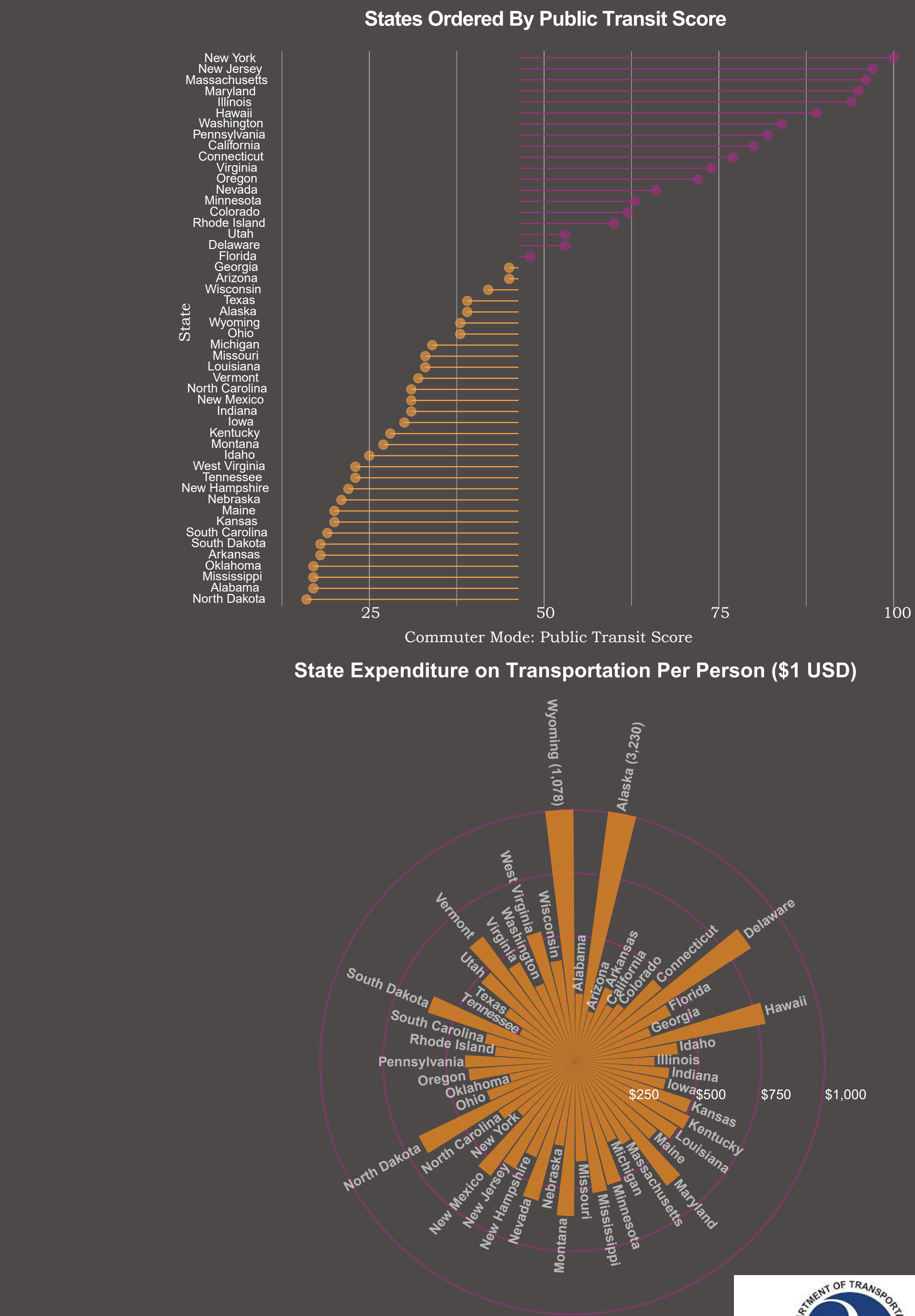
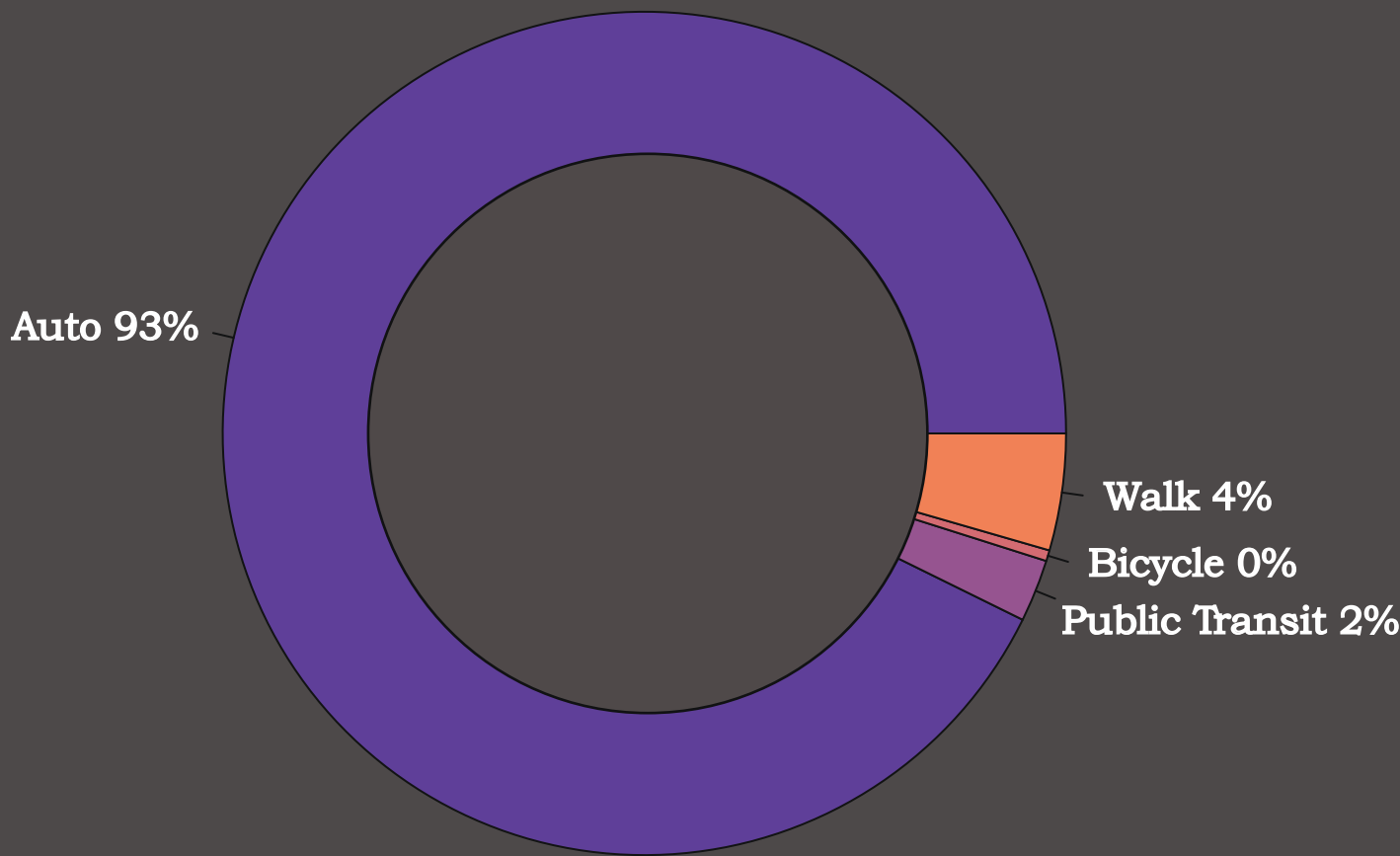
City planners and transportation departments may use this dataset to see how their state or metropolitan area compares with others in addressing key transportation and health issues. It also provides information and resources to help agencies better understand the links between transportation and health and to identify strategies to improve public health through transportation planning and policy.



Which areas have the best public transit networks?

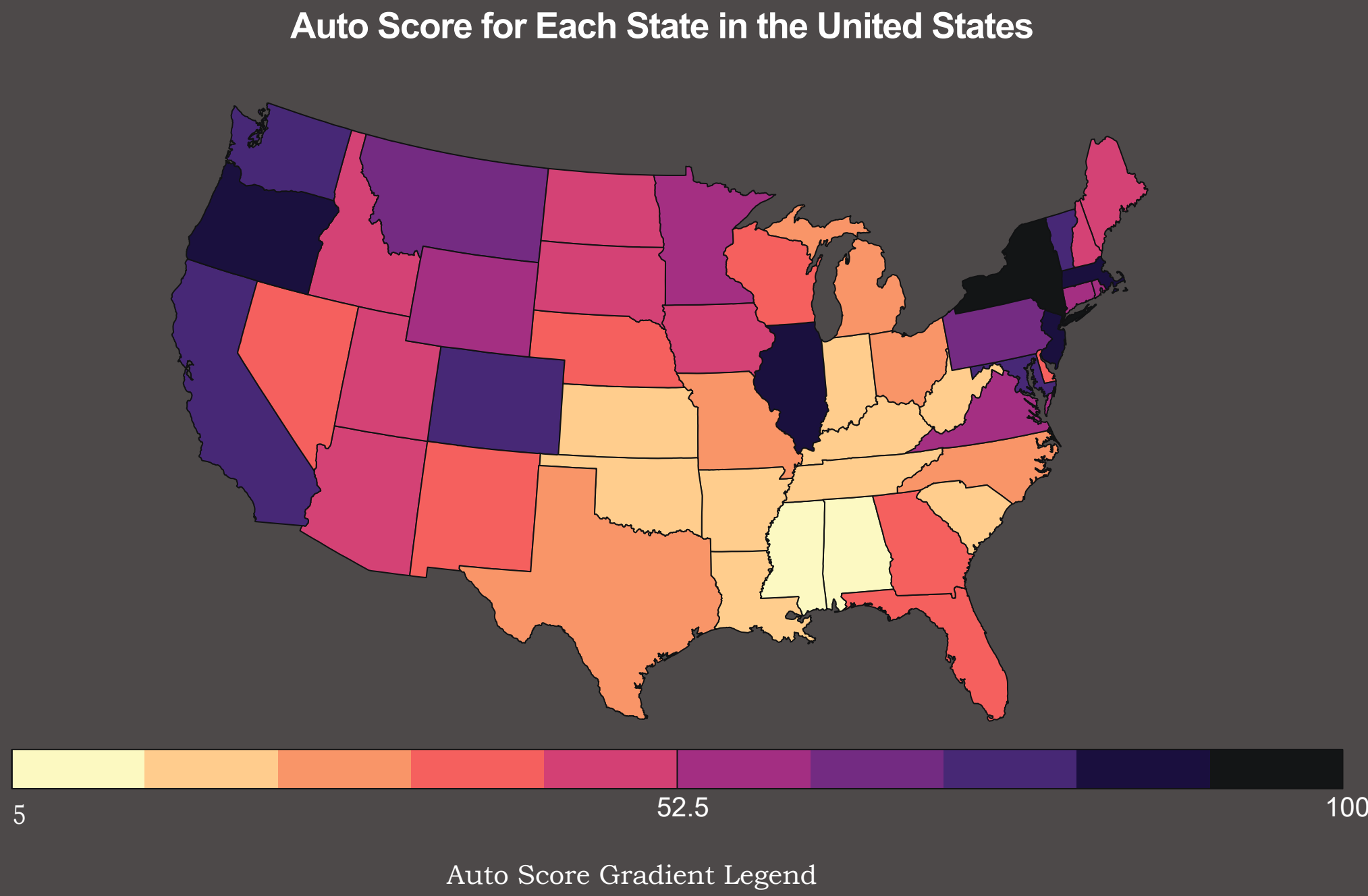
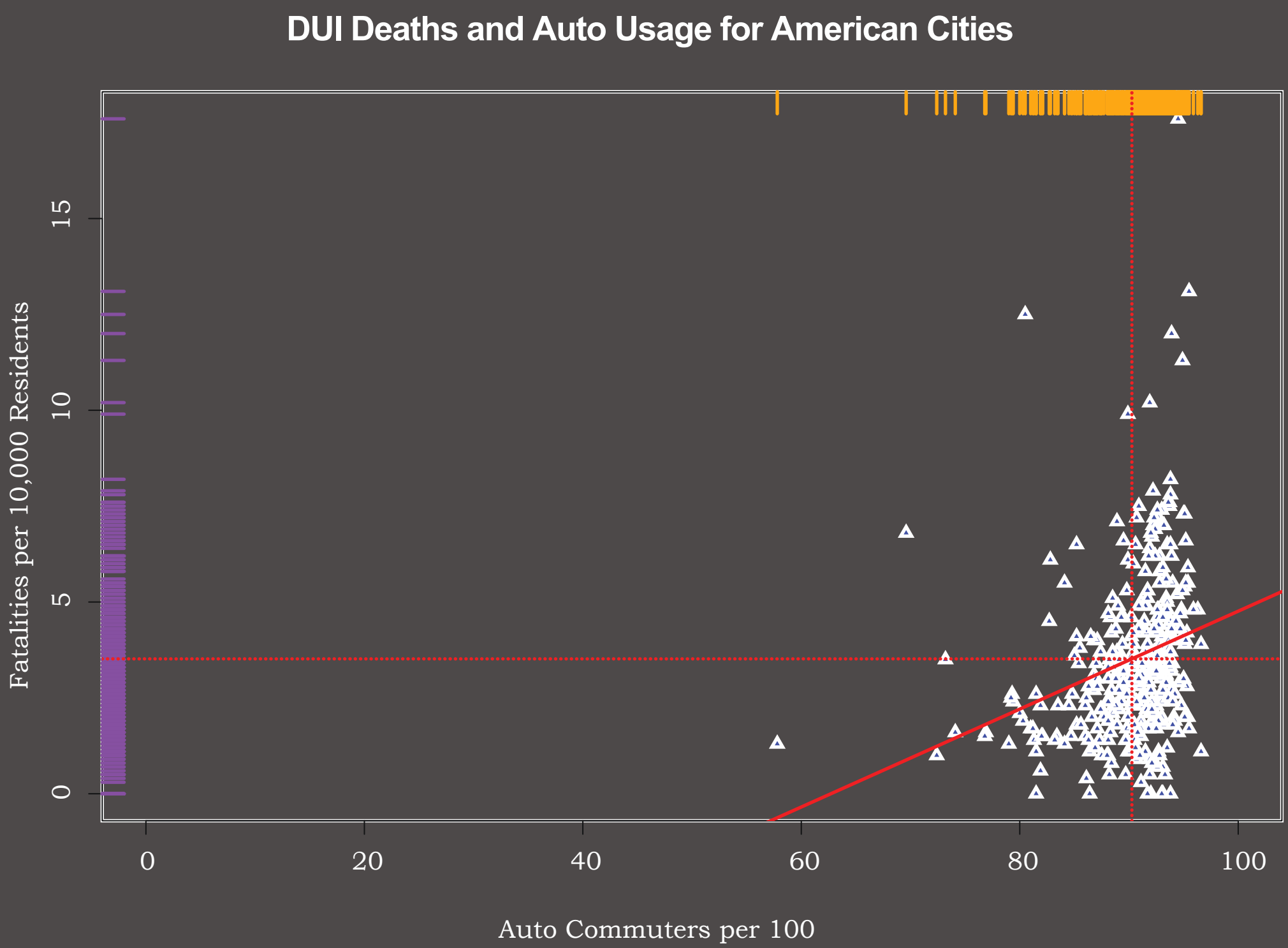
What is a negative impact of high auto use for commuting?

Syracuse, New York Commuter Methods Breakdown



Dataset Description

The dataset used was provided by the U.S. Department of Transportation and the Centers for Disease Control and Prevention to examine the health impacts of transportation systems. The dataset includes transportation and public health indicators for each U.S. state and metropolitan area that describe how the transportation environment affects safety, active transportation, air quality, and connectivity to destinations. The dataset consisted of 382 rows and 31 columns. The cleaning process was extensive and certain visualizations required subsetting and aggregations.



Sources: U.S. Department of Transportation & Centers for Disease Control and Prevention
Public: This dataset is intended for public access and use.
License: U.S. Government Work
<http://www.transportation.gov/mission/health/indicator-profiles>
Measure of America Social Science Research Council
The Measure of America Series
See R script for packages, templates, and any vector or raster images used

