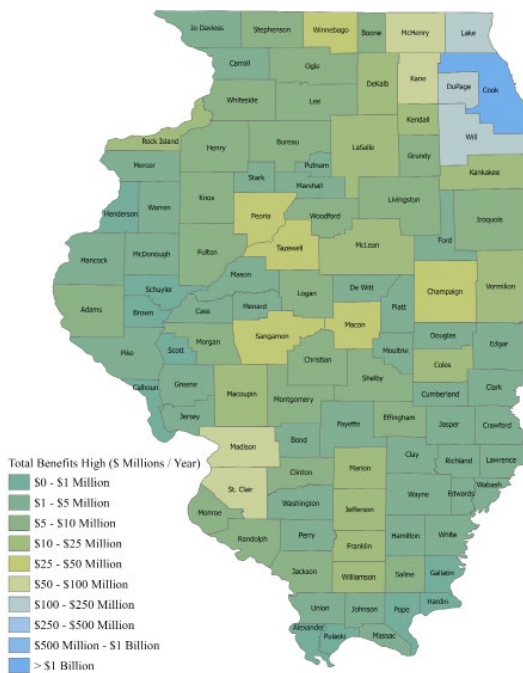


# Analysis Demonstrates Public Health Benefits of Proposed Illinois Clean Transportation Standard

Illinois's transportation system is a leading cause of air pollution in the state. The Illinois Clean Transportation Standard would reduce emissions of harmful air pollutants that impact human health and accelerate the transition to cleaner transportation fuels.

This fact sheet summarizes the results of an analysis conducted for the Great Plains Institute by Paul Meier from the Holloway Group at the University of Wisconsin-Madison's Center for Sustainability & Global Environment. The analysis demonstrates the public health benefits a clean transportation standard program could achieve. For example, less pollution exposure leads to fewer hospital visits for asthma and heart attacks, fewer lost work days, and fewer premature deaths.

## Map of Total Benefits from a CTS in Illinois by County



Source: Paul Meier, P.E., Ph.D., "IL Transportation Fuels – AQ Impact 050225" (PowerPoint, Holloway Group, Center for Sustainability & Global Environment (SAGE) Nelson Institute for Environmental Studies, University of Wisconsin – Madison)

Compared to current policies, the proposed Illinois Clean Transportation Standard would do the following:

- Achieve between \$330 million and \$687 million in annual health benefits through improved air quality (see graphic to the left)
- Avoid 47 premature deaths per year through reduced particulate matter and ozone pollution

Under a clean transportation policy, all counties would experience air quality improvement, and areas with denser population would experience higher air quality benefits. Improving air quality would particularly benefit low-income communities, communities of color, and Indigenous communities: 90% of benefits would occur in 32 counties that are home to 93% of Illinois's non-White population.

## Methodology

This analysis used the Environmental Protection Agency's CO-Benefits Risk Assessment Health Impacts Screening and Mapping Tool (COBRA) to assess how the Illinois Clean Transportation Standard would impact air pollution and human health.

## Contact

To learn more about Illinois's clean transportation standard contact [infotransportationandfuels@gpisd.net](mailto:infotransportationandfuels@gpisd.net).