

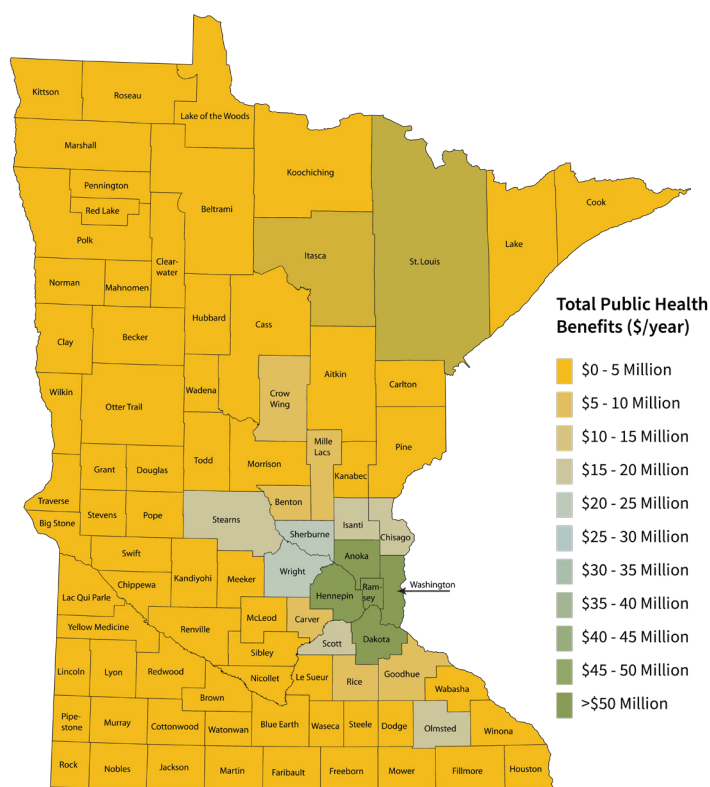
Analysis Demonstrates Public Health Benefits of Proposed Minnesota Clean Transportation Standard



Minnesota's transportation system is a leading cause of air pollution in the state. By accelerating the transition to cleaner transportation fuels, the Minnesota Clean Transportation Standard would reduce emissions of harmful air pollutants that impact human health.

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.

County-Level Public Health Benefits of a Proposed Minnesota Clean Transportation Standard



Compared to current policies, the proposed Minnesota Clean Transportation Standard would lead to the following reductions in air pollution:

- Nitrous oxide by 6%
- Ammonia by 74%
- Particulate matter by 7%
- Volatile organic compounds by 32%

This would generate \$37 million to \$70 million annually in public health benefits statewide and improve air quality in all counties as shown in the map.

Improving air quality will particularly benefit low-income communities, communities of color, and Indigenous communities. Statewide, 32% of Minnesotans are exposed to unsafe levels of air pollution, but this percentage is higher for low-income communities (46%) and communities of color and Indigenous communities (91%). The study finds that most health benefits from a clean transportation standard would occur in counties home to most of Minnesota'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 Minnesota Clean Transportation Standard would impact air pollution and human health.

Contact

To learn more about Minnesota's clean transportation standard, visit futurefuelscoalition.org/ or contact info_transportation_and_fuels@gpisd.net.