



THE UNIVERSITY OF VERMONT
**TRANSPORTATION
RESEARCH CENTER**

A Spatial Analysis of the Fuel Economy Rebound Effect in Vermont

VTrans Research and innovation symposium

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However

Reduction in trip cost may lead to more driving offsetting expected fuel savings.



Known as **Rebound Effect**



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**Relying on national rebound estimates could mislead
state and regional GHG reduction assessments.**

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Vermont vehicle inspection and registration records

Track households and their vehicles across time

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RESEARCH QUESTION

What is the magnitude of the rebound effect in Vermont?

Or how does driving mileage change with fuel-efficient vehicles?

How does this effect (rebound effect) vary across different areas?

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There's more to discuss on the poster...

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