

The Impact of Transferring Trip Generation Rates from Literature to Truck Activity Modeling

Insights from Chittenden County

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THE UNIVERSITY OF VERMONT
**TRANSPORTATION
RESEARCH CENTER**

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Planning for Urban Truck Movement

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Uncertainty in modeling introduces uncertainty into the efficacy of planning efforts.

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RESEARCH QUESTIONS

How does trip generation across models vary in...
trip volume?
major industries?
spatial distribution?

Are trip generation rates a source of uncertainty in planning?

Some Findings...

- ★ Truck trip **total volume** varied greatly depending on the model used
- ★ Contributions from each **vehicle class** (Light, Medium, and Heavy-Duty) differed across models
- ★ Each model indicated a **different industry** as the one with the largest effect on trip generation

Visit the poster to learn more!

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