Did September 11 Affect Freight Travel Times & Mode Split Between Canada and the United States? A Case Study of Freight Movements Between Quebec and New York

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- Bureau of Transportation Statistics Transborder Surface Freight Data
- Level of precision: HS 2-digit Code
- Regional scope: movement of freight between US states and CDN provinces
- Unit of Analysis:
 - QC to NY (Imports) by weight and value
 - NY to QC (Exports) by value only
- Time Period: January 1997-September 2003

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Example	of Analysi	S		
Imports by Value	Whole Period Trend	Post 9/11	Start Date of Last Trend	Consistent with Hypothesis?
All Imports	Negative	Reversed	March-01	No
Salt & Sulfur	Extremely Positive	Less pronounced	Jan-01	No
Inorganic Chemicals	Strongly Positive	Less pronounced	July-01	No
Wood	Negative**	More pronounced	Mar-02	No
Pulp of Wood	Strongly Negative	Reversed	Apr-01	No
Paper and Paperboard	Slightly Negative	Reversed	Apr-01	No
Copper	Extremely Negative	Reversed (?)	Oct-00 - Mar-03	(?)
Aluminum	Negative	Reversed	May-01	No
Zinc	Slightly Positive	Reversed	Feb-01	No
Railway Parts	Negative***	Reversed	Nov-01	Yes







Next Steps

- More rigorous econometric analysis:
 - traditional mode split regressions (but lacking key data)
 - ARIMA or ARIMEX modeling
- More research into explanation for underlying trends
- Development of freight mode choice model for the Montreal-Toronto corridor

