

Volumetric Estimates of Province to Province Merchandise Flows

Goal

Transport Canada's Predictive Analytics and Outlook group is seeking a student to support the development of synthetic data for the National Freight Transportation Forecast Model. The student will be responsible for developing volumetric estimates of the province to province merchandise flows represented in the Canadian Supply Use tables. This project will directly contribute to National Freight Transportation Forecast Model by providing an understanding of total volume of freight transported in the country.

Project

The project is composed of three core elements:

1. Using provided price data, establish a database of prices by commodity
2. Establish a benchmark price that is most representative of Canadian flows.
3. Create a measure of quality and distribution of commodity price data
4. Use prices to translate freight flows in the Canadian Supply Use tables into volumetric flows

The student will largely work independently. However, a project supervisor will be made available to help establish methodology, discuss problems, and set project priorities.

Supervisors

Martha Justus and Liam Askwith

Contact person

Martha Justus

Director | Directrice

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