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CANADA'S RAILWAYS

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# A Primer on Canada's Railway Industry

September 5, 2019

# Today's objectives

- Create a dialogue.
- Share information.
- Educate.
- Build relationships.

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# Canada's railway franchise



## About the RAC

Class 1: CN, CP and US carriers

Short line: 50+ across Canada

Passenger: Commuter, Intercity, Tourist

500 rail industry suppliers.

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# Our network in Canada

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## Locomotives

2,842

in service last year and used to haul, on average 99 cars per train.

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## Rail Cars

5.2+ M

originated carloads in Canada.

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## Employees

31,780

dedicated railroaders committed to safety and excellence.

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## Customers

+10,000

companies using our network to compete in domestic and international markets.

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## Main-track kilometers

42,557

privately owned, operated and maintained.

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## Average length haul

1,524

kilometers.

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## Revenue per tonne-km

3.16

cents to move one tonne of freight one kilometer.

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## Traffic

\$310 B

in goods handled by our network in Canada.

Source: RAC, Rail Trends 2018

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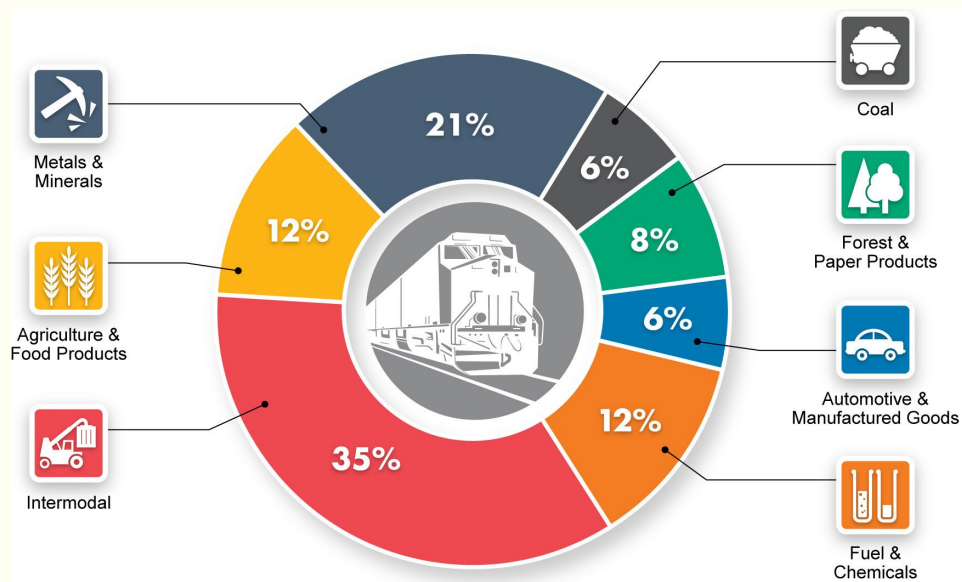
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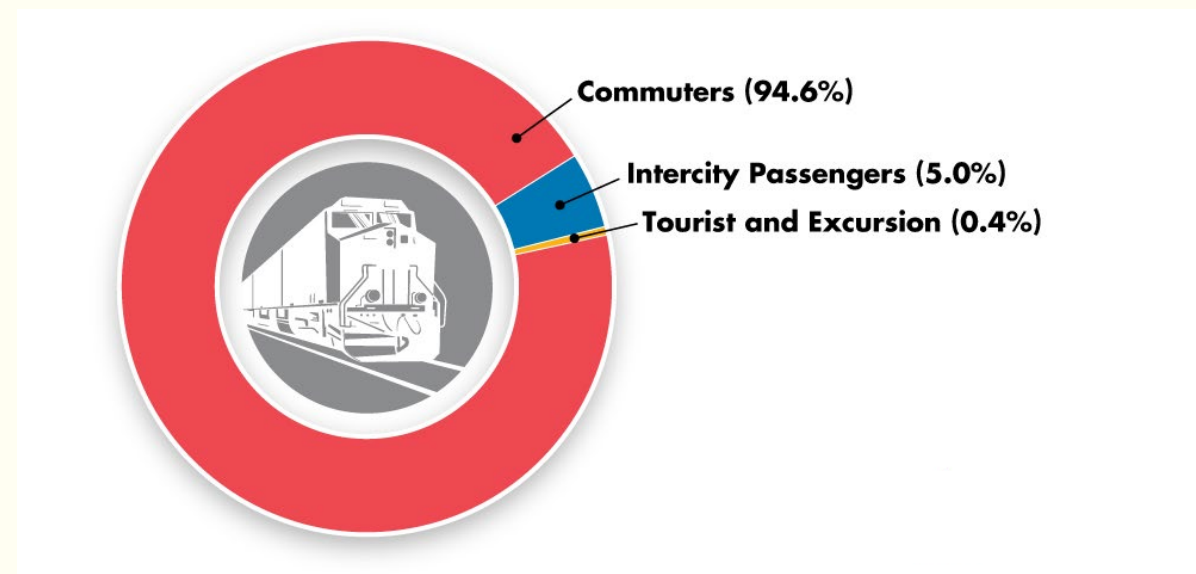
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# Our portfolio

## Freight rail

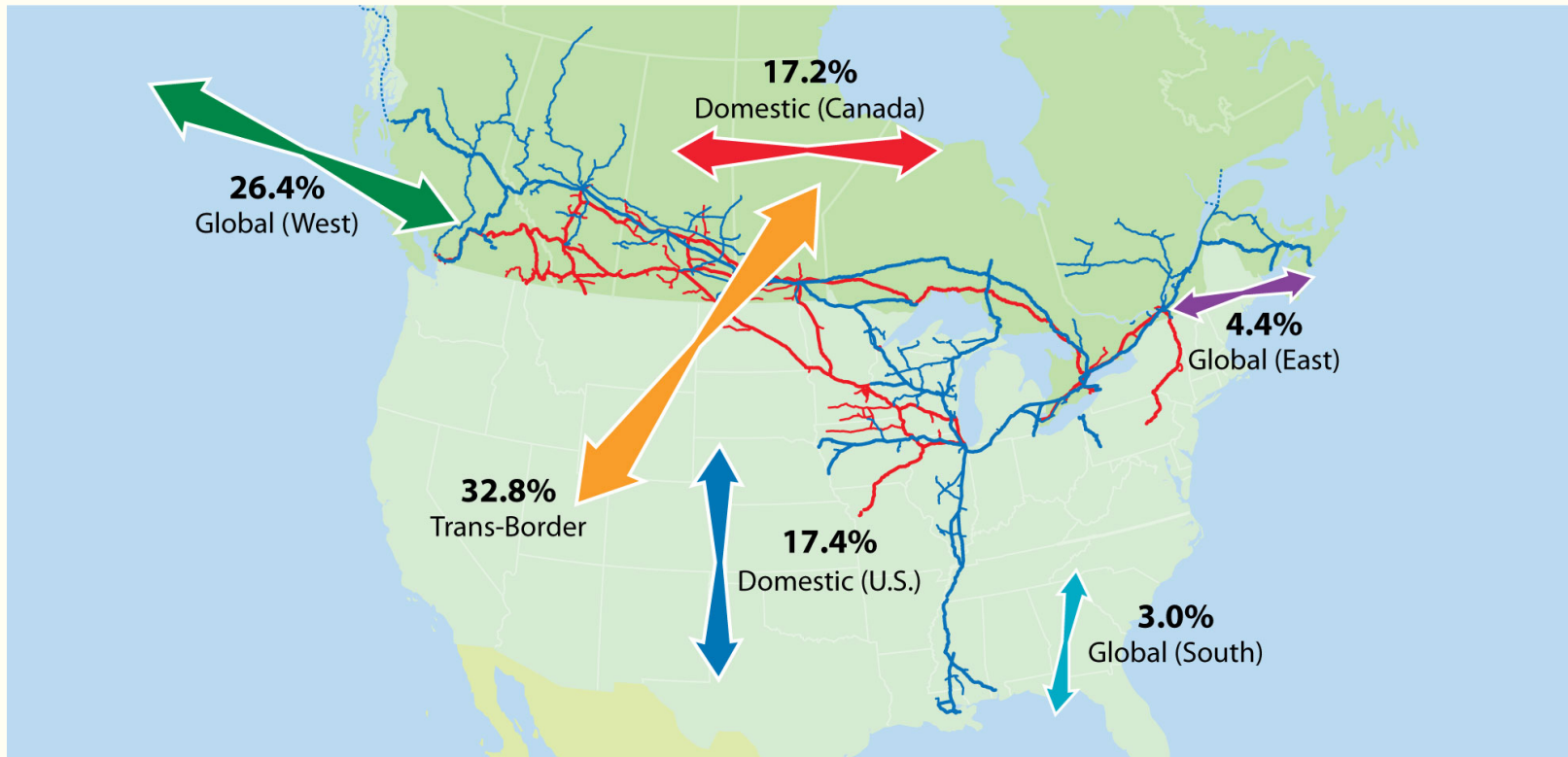


## Passenger rail



Sources: Railway Association of Canada, 2018. Rail Trends 2017 database.

# Rail trade profile



Sources: Railway Association of Canada, 2018. Rail Trends 2017 database, CN and CP 2018 annual reports.

<b>\$310 B</b>	Value of goods
<b>50%</b>	Canadian exports
<b>75%</b>	Canadian rail traffic is exported
<b>Top Rail Exports</b>	<ol style="list-style-type: none"><li>1. Agriculture and food</li><li>2. Grain</li><li>3. Forest products</li><li>4. Coal</li><li>5. Fertilizer materials</li></ol>
<b>65%</b>	Rail revenues generated by trade



# A deep commitment to safety

North American Freight Train Accident Rates

FRA Reporting Criteria, 1999 – 2018



Source: Federal Railroad Administration, CN, and CP

Use a simple railcar ID search to see whether a railcar on a train is carrying dangerous goods

View emergency contact information for all Class 1 railroads and Amtrak

Find reference resources like the Emergency Response Guidebook which provides critical response information



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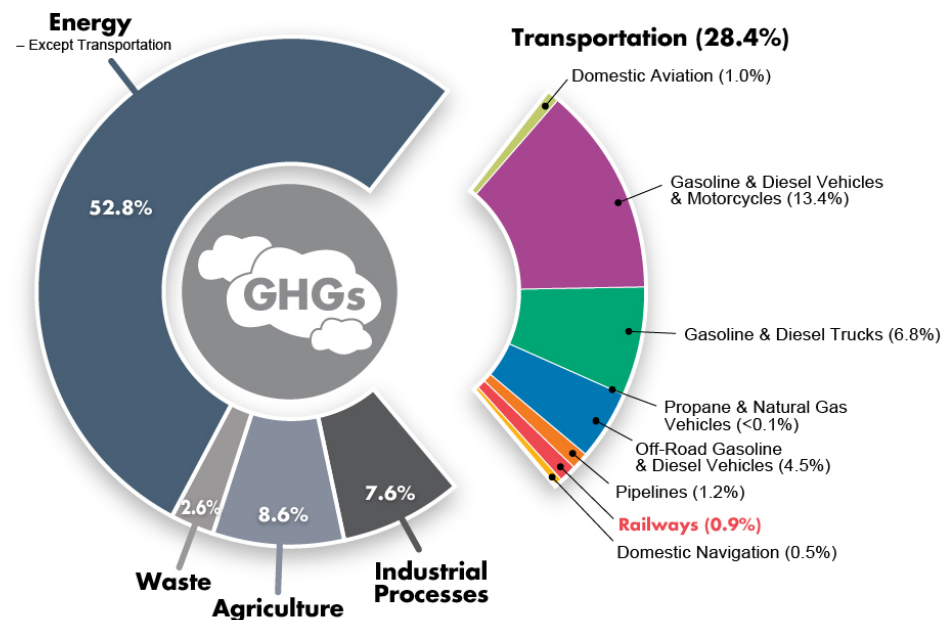
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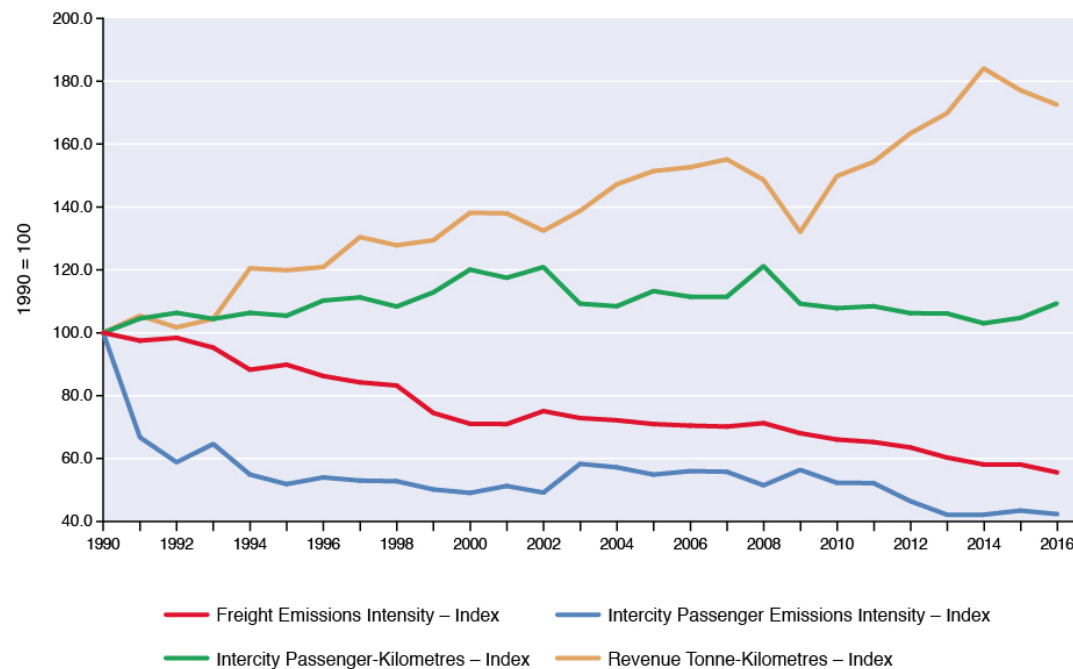


# Moving more with less

## Greenhouse Gas Emissions by IPCC Sector in 2016



Source: Table A9-2, 2018 National Inventory Report



Source: LEM Database, Rail Trends Database, 2018.

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# Our Board of Directors



- Jeff Ellis, Chief Legal Officer & Corporate Secretary, CP (RAC Chair)
- Jean-Jacques Ruest, President and CEO, CN (RAC Vice-Chair)
- Cynthia Garneau, President & CEO, VIA Rail Canada Inc.
- Sean Finn, Executive Vice-President, Corporate Services & Chief Legal Officer, CN
- Louis Gravel, President, Genesee & Wyoming Canada



- Corina Moore, President and CEO, Ontario Northland Transportation Commission
- Derek Ollmann, President, Southern Railway of British Columbia Ltd.
- Gordon Peters, President, Cando Rail Services Ltd.
- Robert Taylor, Assistant Vice President North American Advocacy, CP
- Phil Verster, President and CEO, Metrolinx

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