

# APPENDIX

- Canada's railways transport approximately \$380 billion worth of goods annually, supporting approximately 50% of Canada's GDP.
- A work stoppage will directly impact the movement of over \$1 billion worth of goods per day, not accounting for broader economic disruptions.
- Shutdowns of commuter rail services will have a profound impact on major urban centers such as Toronto, Vancouver, and Montreal, severely disrupting the daily routines of thousands of Canadians.
- Public health impacts, though difficult to quantify, include risks like compromised drinking water treatment due to halted chemical shipments.
- No other modes of transport can effectively replace the high-volume and capacity to safely move hazardous products by rail.
- Frequent supply chain disruptions impact Canada's ability to compete in global markets and damage our reputation as a reliable trading partner.

Sector	Impact	Canadian Industry says:
<b>Agriculture</b> (Grain)	Could devastate the grain sector during critical planting and harvest periods.	<p><b>Grain Growers of Canada:</b> "We are entering harvesting season, a critical time for grain farmers across Canada. A stoppage in shipping will directly impact the bottom line of producers, risk food spoilage, and cause substantial economic losses across the agricultural sector."</p> <p><b>Western Grain Elevator Association:</b> "A work stoppage of any length of time means lost shipping opportunities that will never be recovered. Shippers and exporters who cannot move grain, their customers who are waiting for product to arrive in the country of import, grain producers who are not paid because they cannot deliver, and Canadians in general, are the ones that suffer."</p>

Sector	Impact	Canadian Industry says:
<p><b>Agriculture</b> (Livestock, Perishable Goods, and Operations)</p>	<p>Could impact livestock slaughterhouse capacity, loss of perishable goods and food waste, as well as interruption to operations through an inability to heat facilities.</p>	<p><b>Canadian Federation of Agriculture:</b> “A prolonged rail disruption could result in a backlog of livestock slaughterhouse capacity which could in turn have negative impacts on supply chains and animal welfare.</p> <p>Based on previous experiences, it could also result in loss of high-value perishable agriculture and agri-food products, at a time when Canadians at home and abroad are increasingly concerned with food security.</p> <p>Interruptions to the delivery of propane would also have significant impacts on farmers’ ability dry grain and heat their barns, greenhouses, and other agricultural growing structures.”</p>
<p><b>Agri-Food</b> (Cold Storage)</p>	<p>Could lead to food waste and added refrigeration, energy, and logistics costs.</p>	<p><b>Global Cold Chain Alliance:</b> “The cold storage supply chain is reliant on the efficient flow of goods, with disruptions in one part of the chain having ripple effects both upstream and downstream.”</p>
<p><b>Automotive</b></p>	<p>Due to the industry’s heavy reliance on rail, disrupted services will impact the automotive supply chain, the retail supply of new vehicles and the supply of critical auto parts for repair and maintenance.</p>	<p><b>Global Automakers of Canada:</b> “The automotive industry in Canada has faced ongoing labour disruptions at Canada’s ports and elsewhere in the distribution system. Consumers ultimately pay the price through increased wait times for their vehicles and potential increased costs, as companies seek workarounds for an unreliable transportation network. A coordinated rail strike will do nothing to alleviate these problems.”</p> <p><b>Canadian Automobile Dealers Association:</b> "Canadian families and businesses rely on the auto sector for almost every facet of modern life and the modern economy. Since the pandemic, auto supply chains are struggling to catch up, and disruptions impacting new vehicles sales and parts will hurt consumers and businesses that rely on the auto sector for transportation."</p>

Sector	Impact	Canadian Industry says:
<b>Construction and Building Supplies</b>	Impact on the supply of crucial construction and wooden building materials.	<b>Forest Products Association of Canada:</b> "Impacts on production are likely to occur within less than a week, with the threat of complete mill shutdowns and furloughing close behind. Even a mill shutdown would generate approximately \$1 million [in costs] per day."
<b>Drinking Water</b>	Risk to public health due to disrupted supply of water treatment chemicals like chlorine.	<b>Chemistry Industry Association of Canada:</b> "The implications of this are far-reaching. The most pressing issues, however, will be impacts linked to the disruption of chlorine shipments to Canadian municipalities to support the preparation of clean drinking water."
<b>Fertilizers</b>	Risk to food security due to delayed or missed shipments of fertilizer during peak application seasons.	<b>Fertilizer Canada:</b> "Canada's fertilizer is used by Canadian farmers and exported to over 75 countries, playing a crucial role in global food security. We depend on Canada's Class 1 rail network to move nearly 30 million tonnes of Canadian fertilizer products to export markets and domestic farmers each year. Any delayed or missed shipments can impact crop yields, especially during the peak spring and fall application seasons."
<b>Food, Health and Consumer Products</b>	Shortages of critical consumer staple products, particularly in rural and remote communities.	<b>Food, Health and Consumer Products of Canada:</b> "As rail is utilized for most long-haul shipments going to Western Canada and the Atlantic provinces, there will be guaranteed delivery delays for retailers. Those delays will be felt most acutely by northern and remote communities, and result in product shortages on many food staples, over the counter medication, baby food, and infant formula."

Sector	Impact	Canadian Industry says:
<b>Manufacturing</b>	Wide-spread operational disruption and financial impacts	<p><b>Canadian Manufacturers &amp; Exporters:</b> “A recent survey of 226 manufacturers shows the devastating impacts a stoppage will have on Canada’s industrial economy:</p> <ul style="list-style-type: none"> <li>• 66% of manufacturers say a strike will have severe consequences on their operations.</li> <li>• 92% of manufacturers expect delivery delays, 76% expect increased costs, 57% expect reduced sales and 49% say it will reduce competitiveness.</li> <li>• Manufacturers will incur an average financial impact of \$275,000 each day_of a stoppage (decreases in revenues and increases in expenses).”</li> </ul>
<b>Small Business</b>	Broad economic impacts across various sectors due to disrupted operations.	<p><b>Canadian Federation of Independent Businesses:</b> "Work stoppages at CN and CPKC could be devastating for small businesses across Canada. Critical infrastructure, such as railways, are necessary for sending goods to markets or receiving much needed inputs."</p>
<b>Transportation Fuels</b>	Interrupted access to a reliable supply of liquid transportation fuels, which drive Canada’s economy and ensure Canada’s energy security.	<p><b>Canadian Fuels Association:</b> "The integrated fuel supply chain relies heavily on uninterrupted daily rail service, both for the receipt of feedstock and blending components (i.e., crude oil, ethanol, biodiesel and process chemicals), and for the delivery of petroleum products (i.e., gasoline, diesel, jet fuel, heating oil, asphalt, propane), and chemical feedstocks across the country."</p>

Sector	Impact	Canadian Industry says:
<b>Trucking</b>	While some freight could be shifted to trucks, there is simply nowhere near enough capacity in our transportation network to compensate for a shutdown of the rail network.	<b>Private Motor Truck Council of Canada:</b> "PMTC members produce and/or supply such products as groceries, fuel for vehicles and heat, hardware, blood for medical purposes, pharmaceuticals, medical gases, and many more essential items. Private fleets heavily use rail networks to help move these products to different areas of the country, and the loss of both rail networks will have grave consequences on the health and safety of Canada's population."