

Trade Dynamics Along the Eastern US–Canada Border

Dynamique commerciale à la frontière est entre les États-Unis et le Canada

Eastern Border Transportation Coalition

Québec City

May 2025



Carson Poe

Border Coordinator | Coordonnateur des frontières

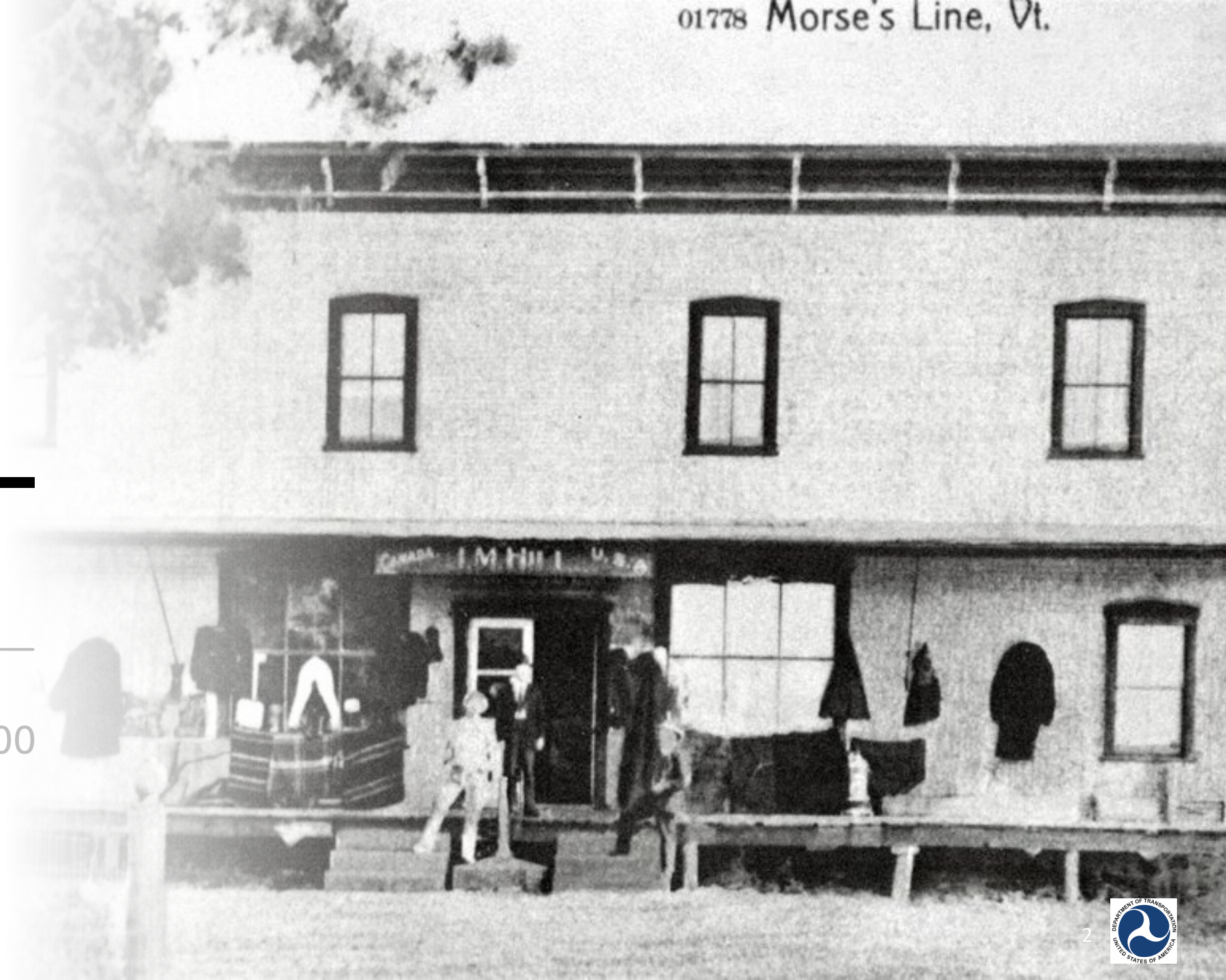
U.S. Department of Transportation

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St. Armond– Franklin

Early 1900s

Le début des années 1900



Detroit– Windsor

1930s



Detroit–Windsor

1930s



206

POPULAR MECHANICS
Time Spans
Detroit, Mich.



150-Foot Free Span of the "Good Will" Bridge between Canada and the United States, the World's Longest Suspension Span

"GOOD WILL" BRIDGE TO CANADA HAS LONGEST SPAN

Linking Canada and the United States, the Ambassador bridge, recently dedicated, has a free span of 1,850 feet, 100 feet longer than that of the Philadelphia-Camden bridge which was the longest suspension viaduct before the completion of the huge structure at Detroit. The Ambassador represents the application of

cellular structure trapped air cells vitrified fused sand for mixing with heavier sand and nature also gives

RAILROADS
DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA
LIGHTNING
ES D

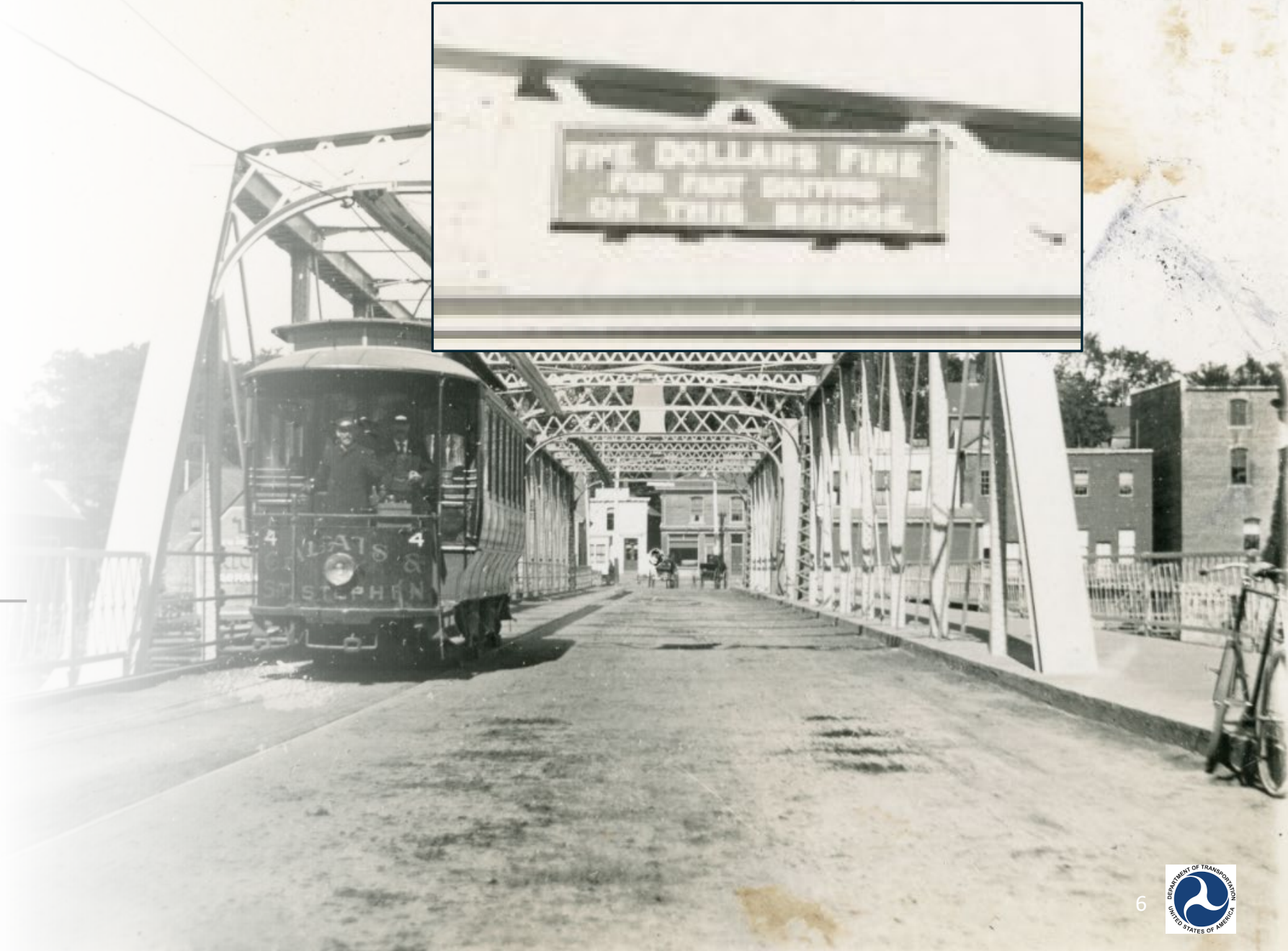
Calais– St. Stephen

Circa 1895
Vers 1895



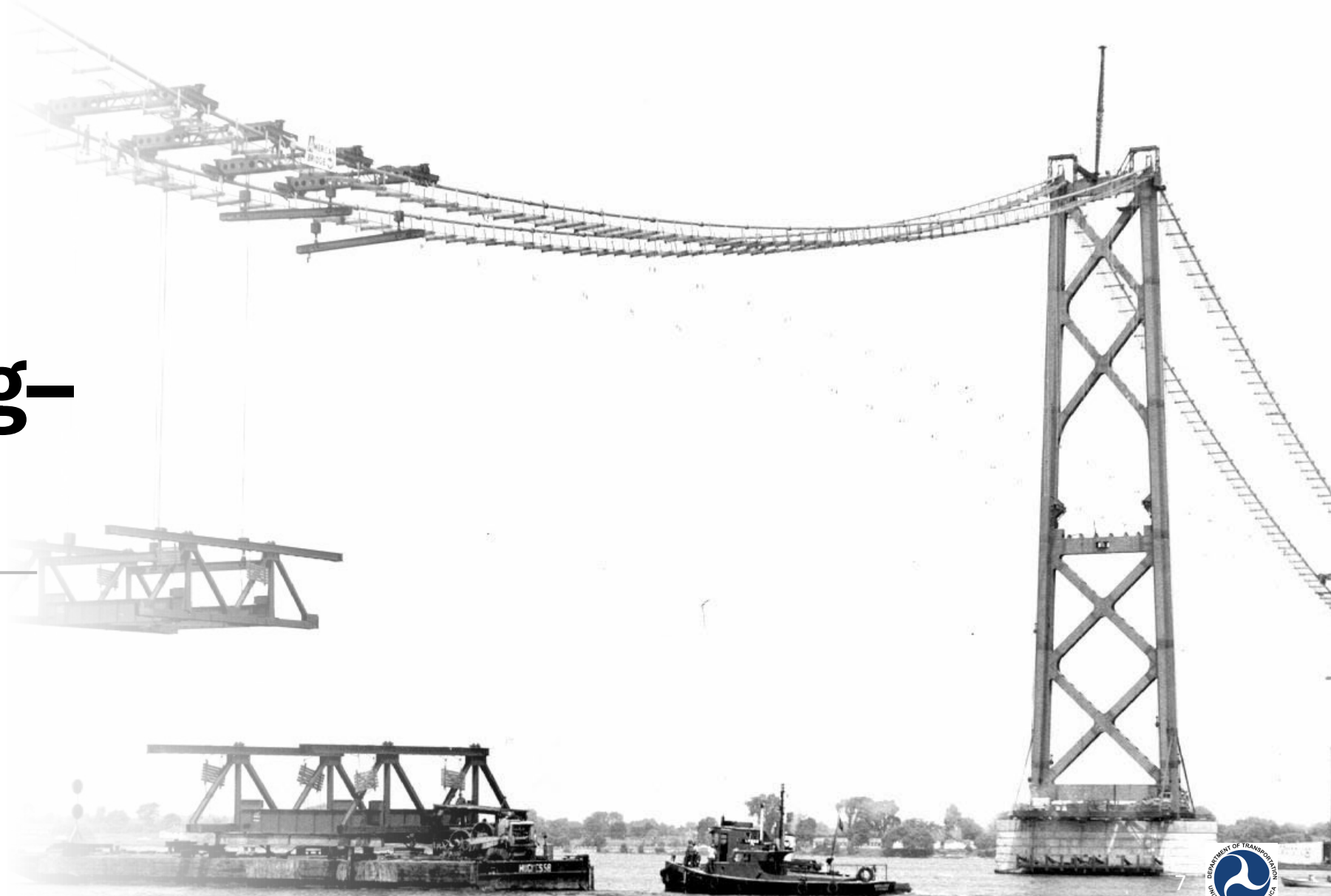
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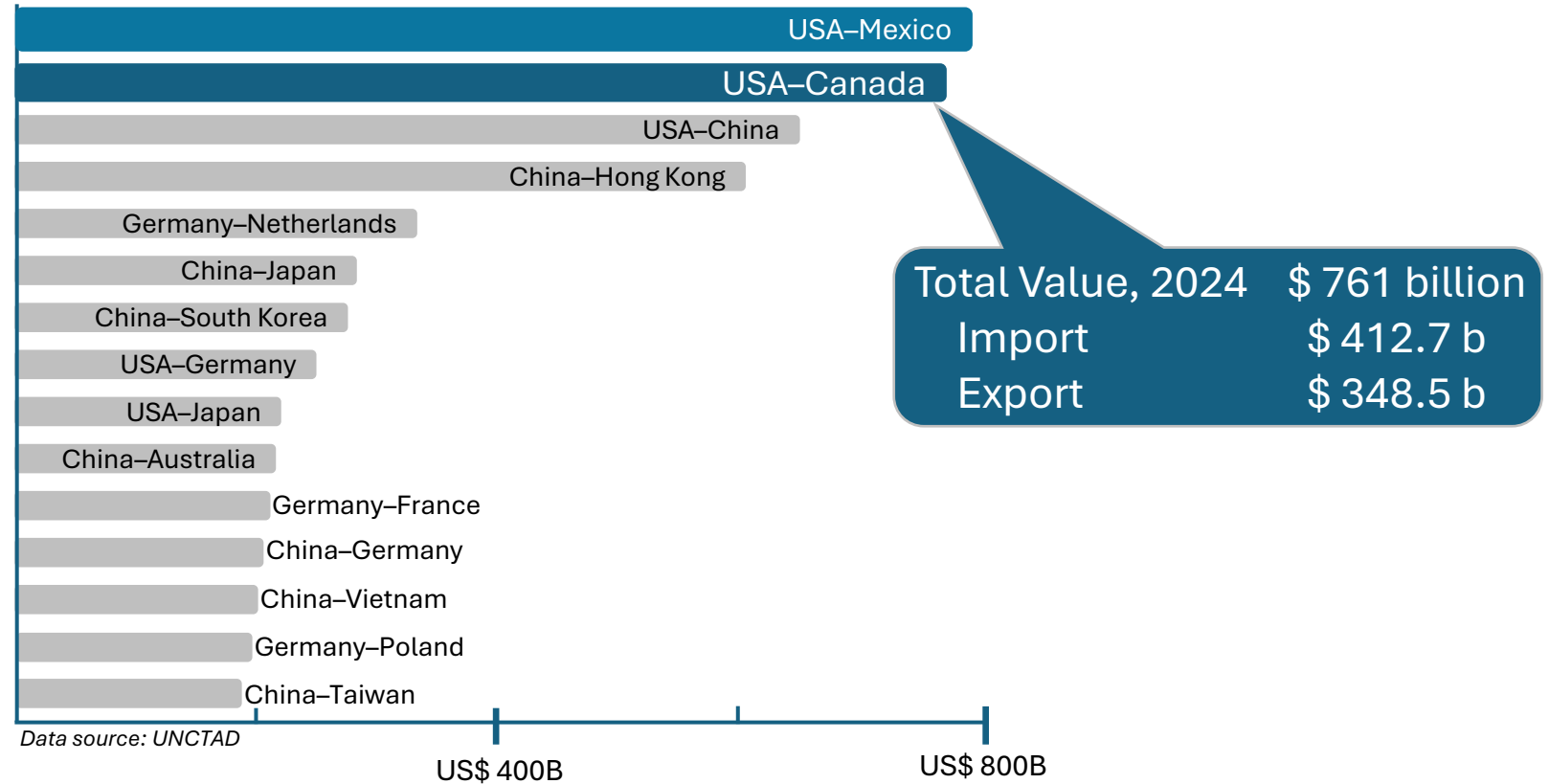
Ogdensburg- Prescott

1960



Trade Value

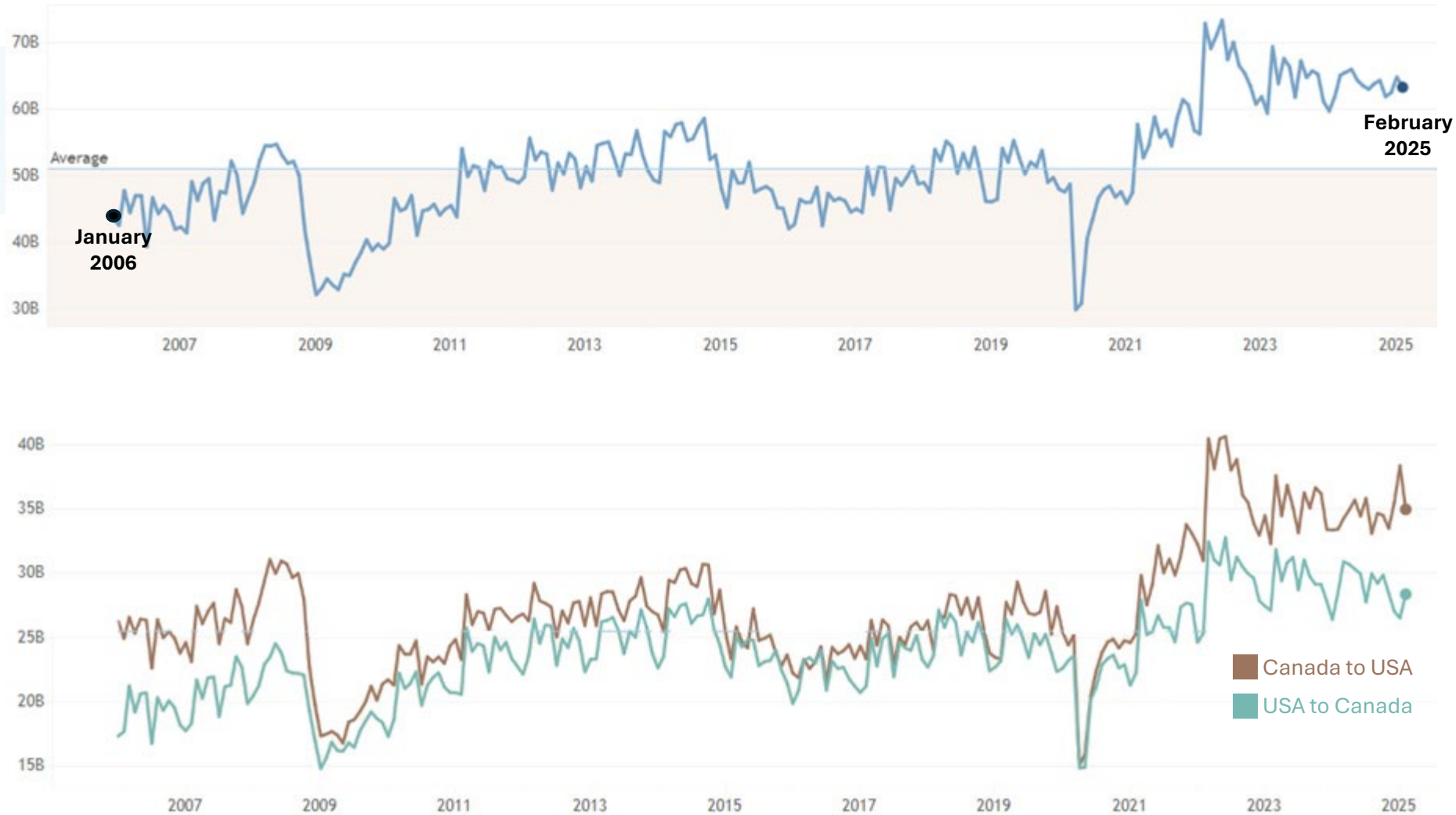
- North America: the world's largest trade relationship
- Approaching US\$ 800 billion between Canada & U.S.
- Amérique du Nord : la plus importante relation commerciale au monde
- Près de 800 milliards de dollars américains entre le Canada et les États-Unis



Trade Value

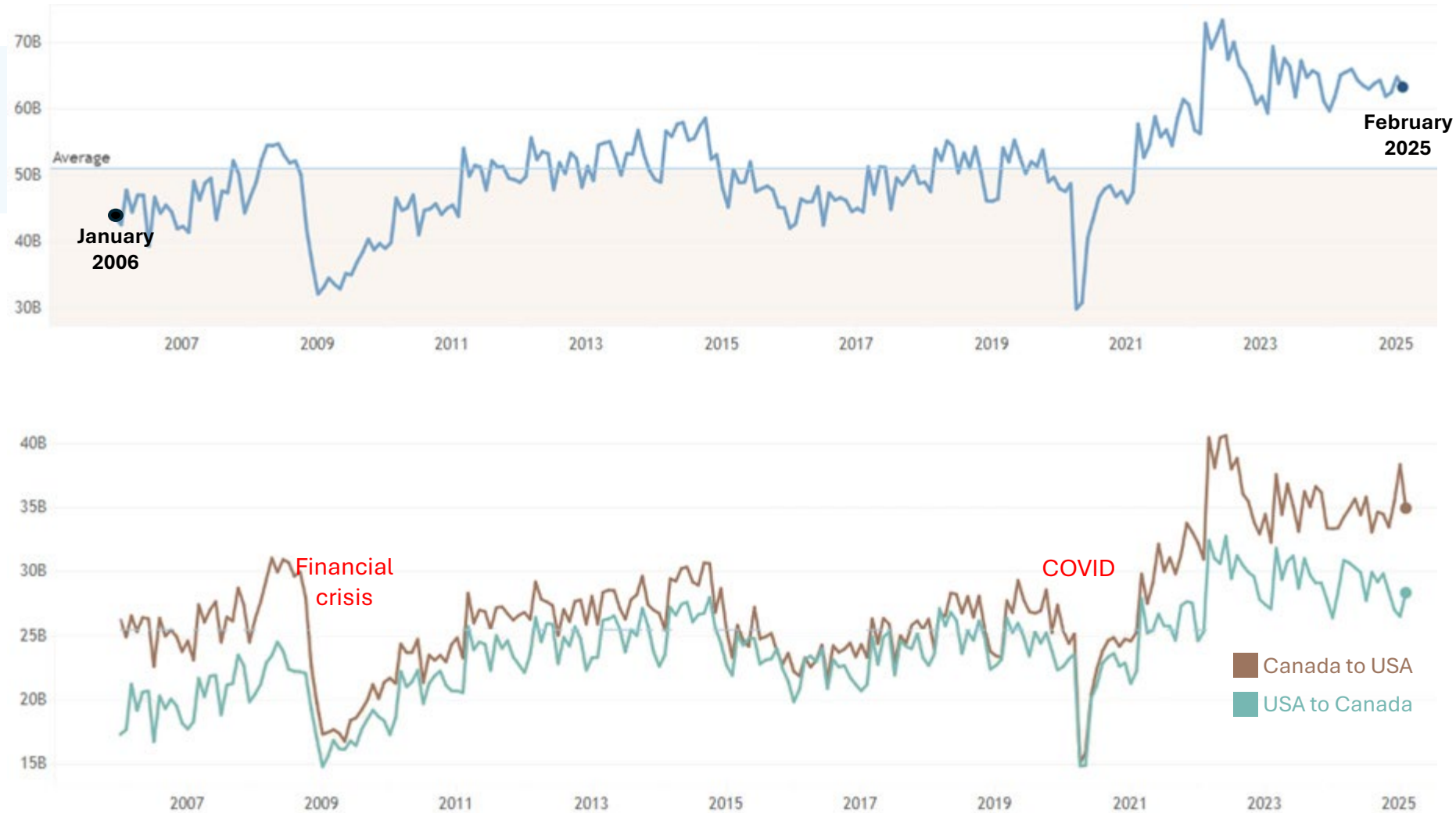
Total USA–Canada Monthly Freight Flows

- Trade value increasing in nominal terms across the border
- La valeur des échanges commerciaux augmente en termes nominaux à travers la frontière



Trade Value

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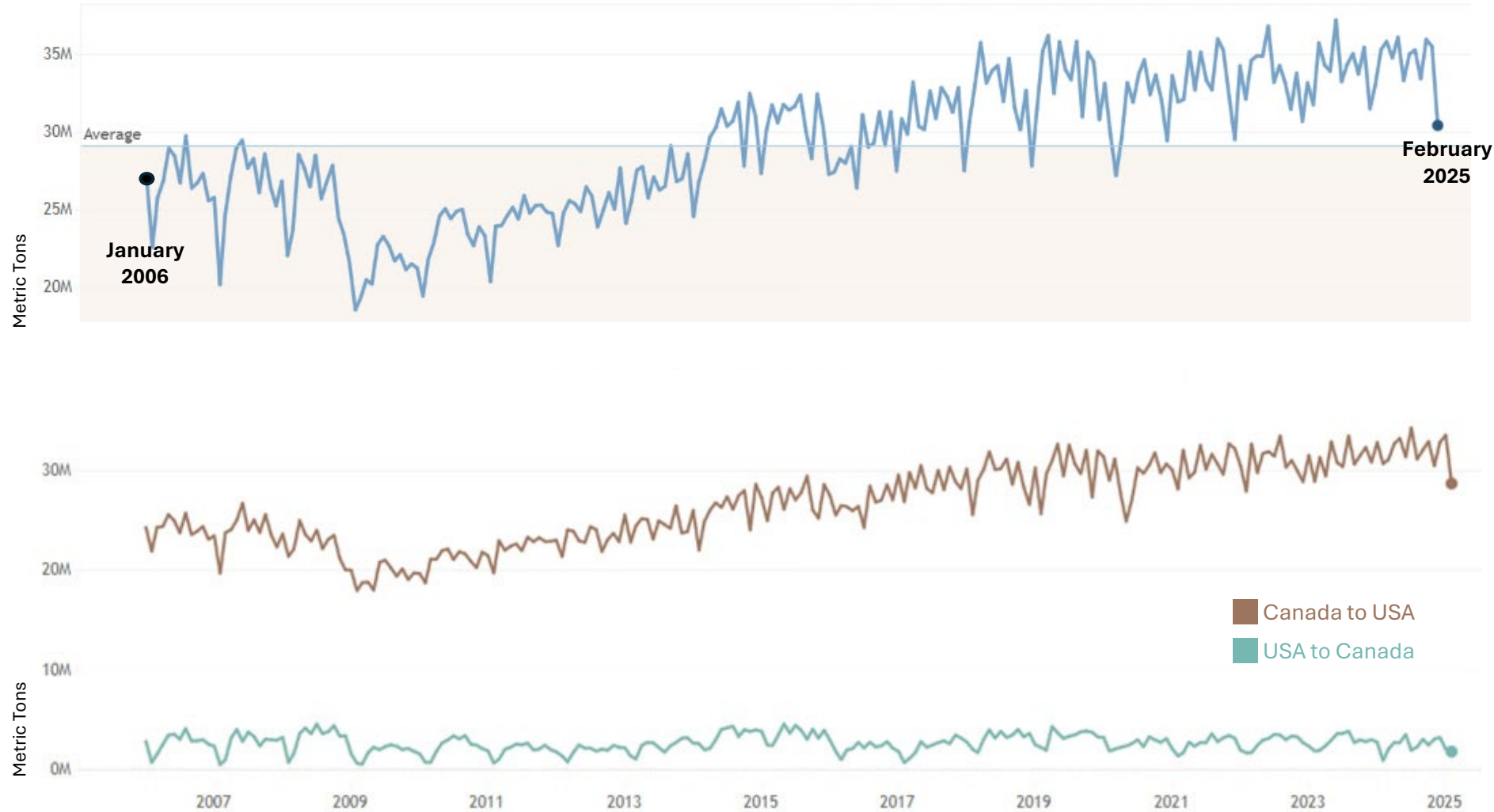


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Trade Weight

- Similar upward trend
- Southbound trade driving upward trajectory
- Tendence à la hausse similaire
- Le commerce vers le sud est un facteur important

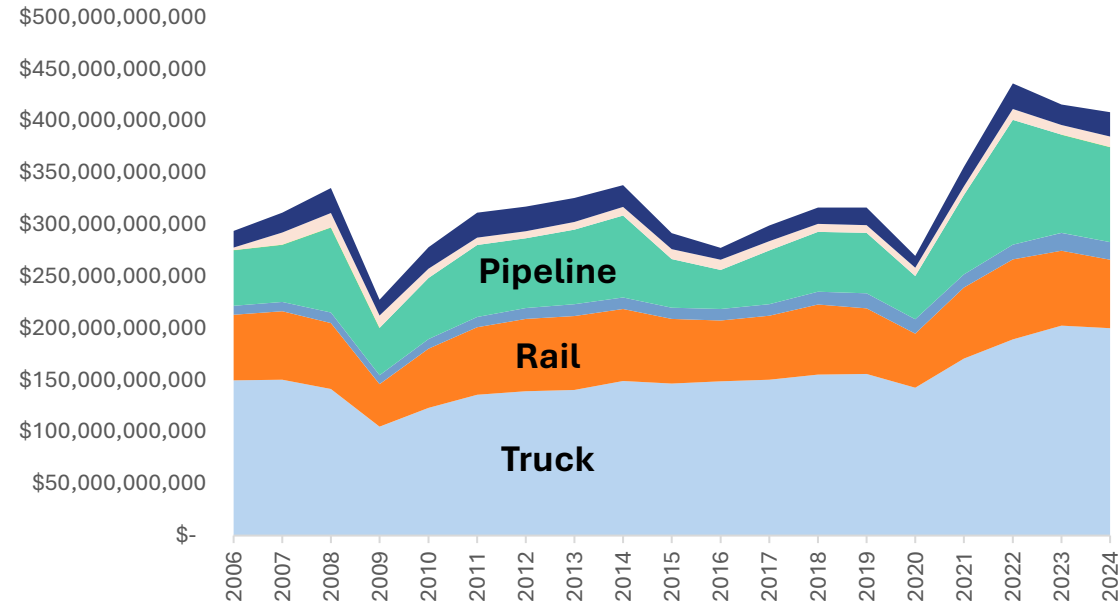
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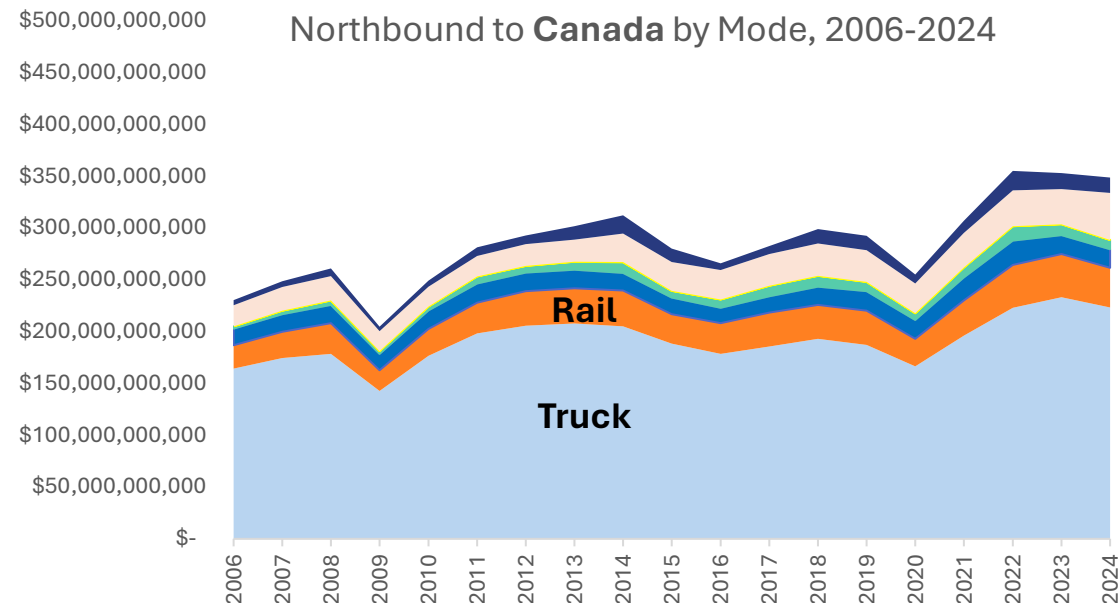
Trade **Value** by Transport Mode

- Trucks carry most of the trade, by value
- Relatively steady trend when compared proportionally to other modes
- Les camions transportent la majeure partie des échanges commerciaux, en valeur
- Tendence relativement stable

Southbound to **USA** by Mode, 2006-2024



Northbound to **Canada** by Mode, 2006-2024

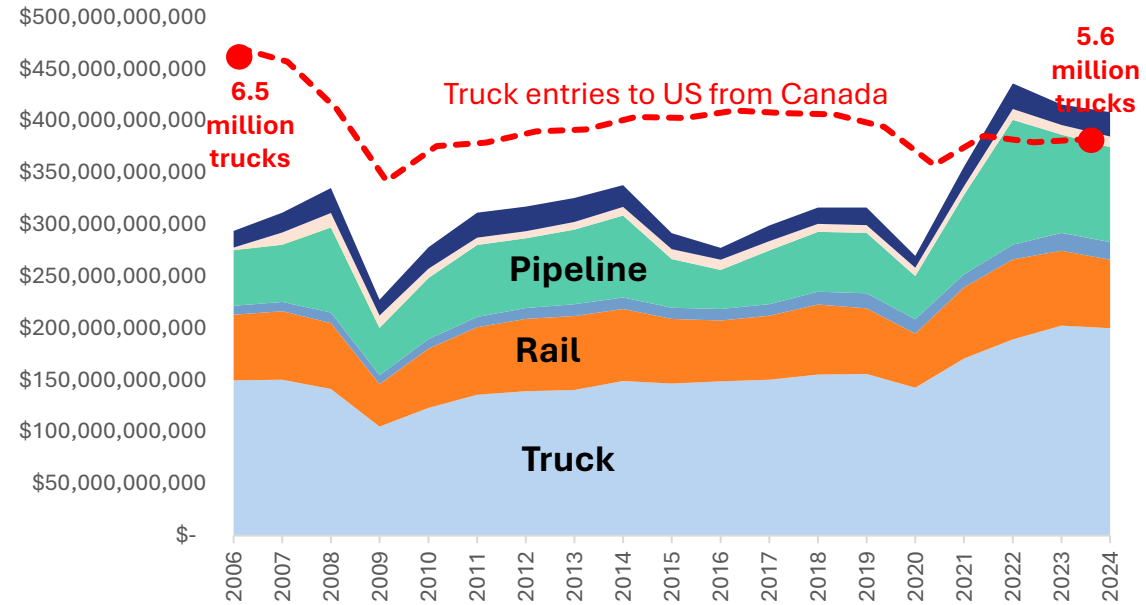


■ Air
■ Vessel
■ Other (including unknown)

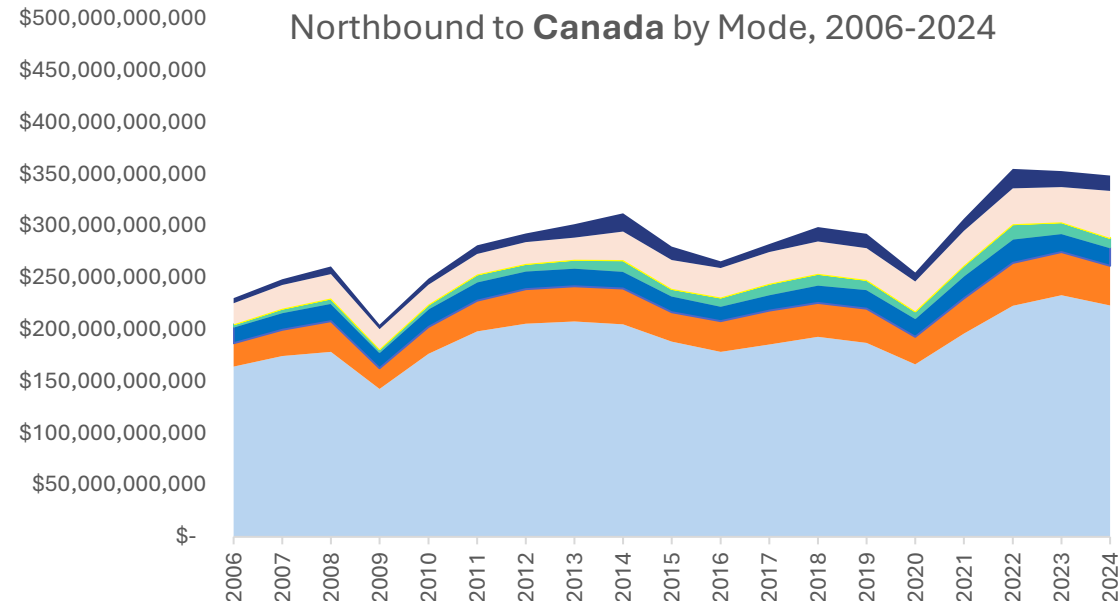
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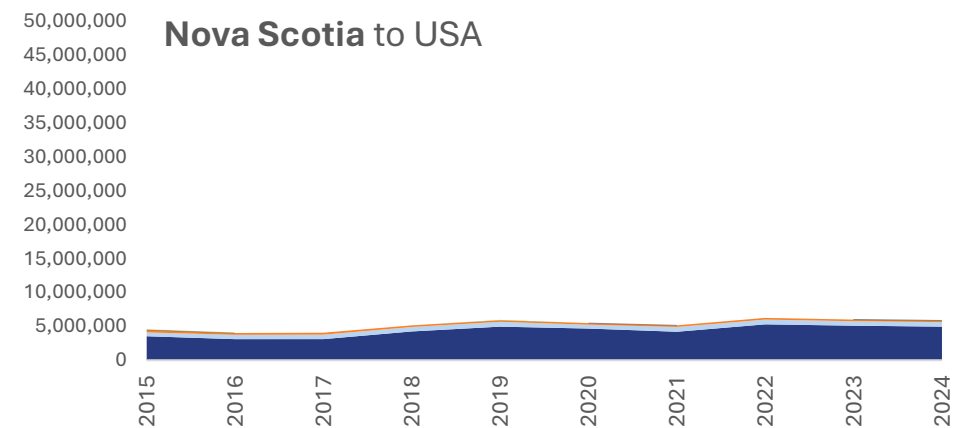
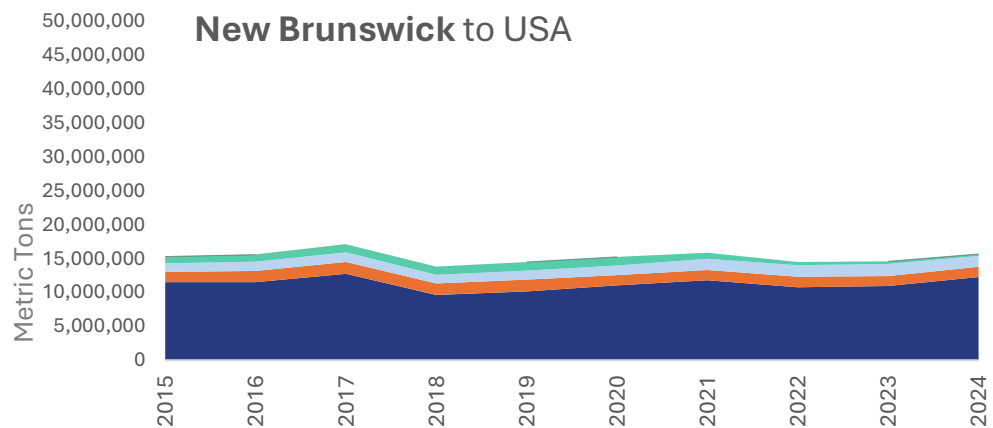
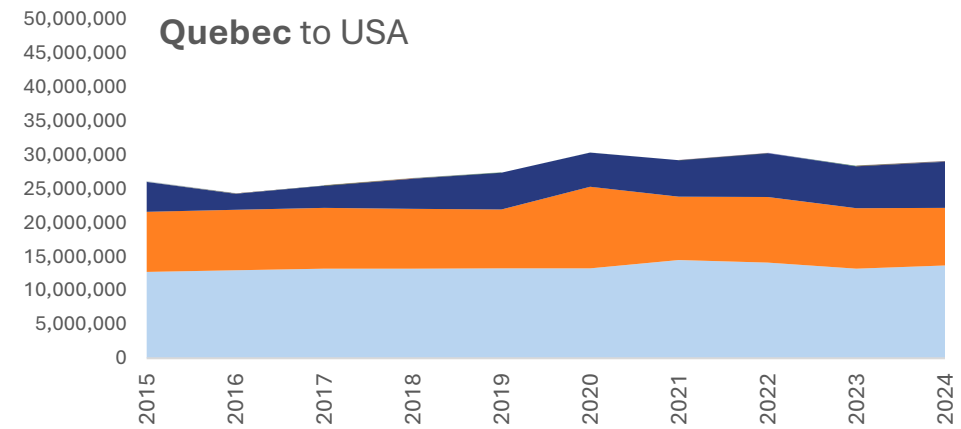
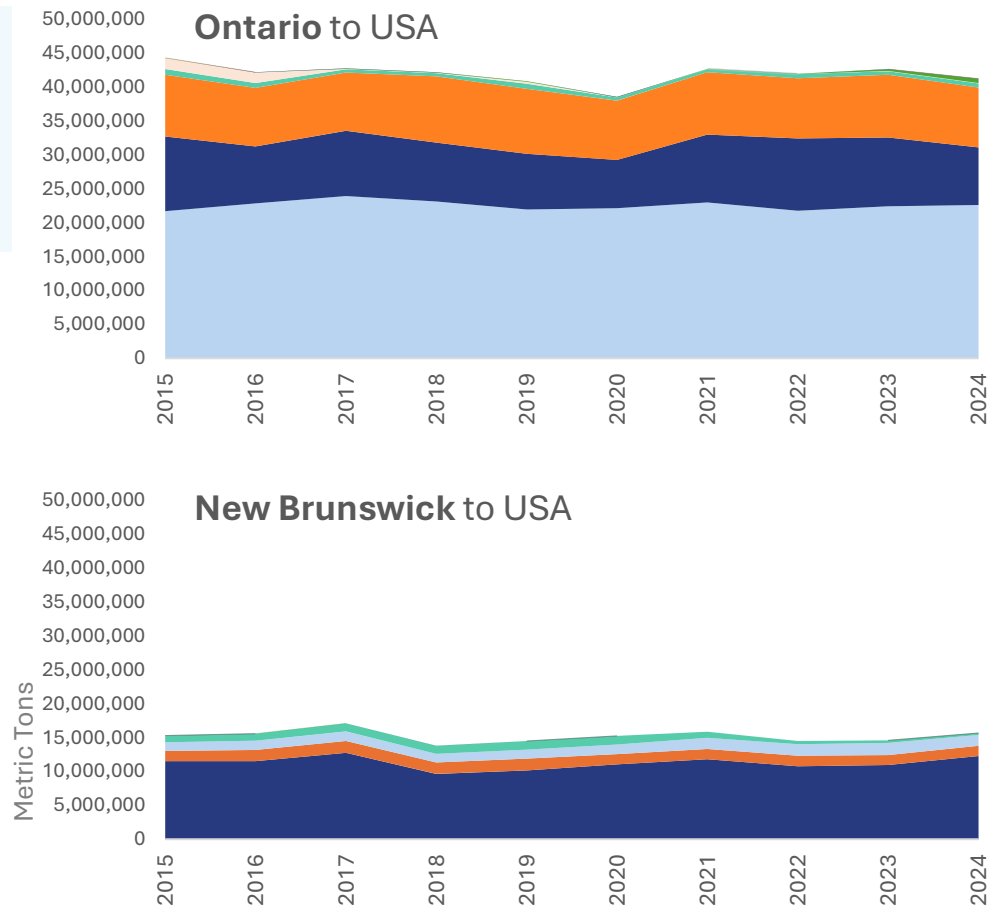
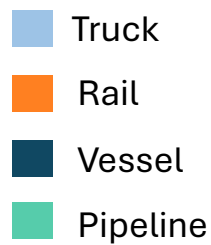


Northbound to **Canada** by Mode, 2006-2024



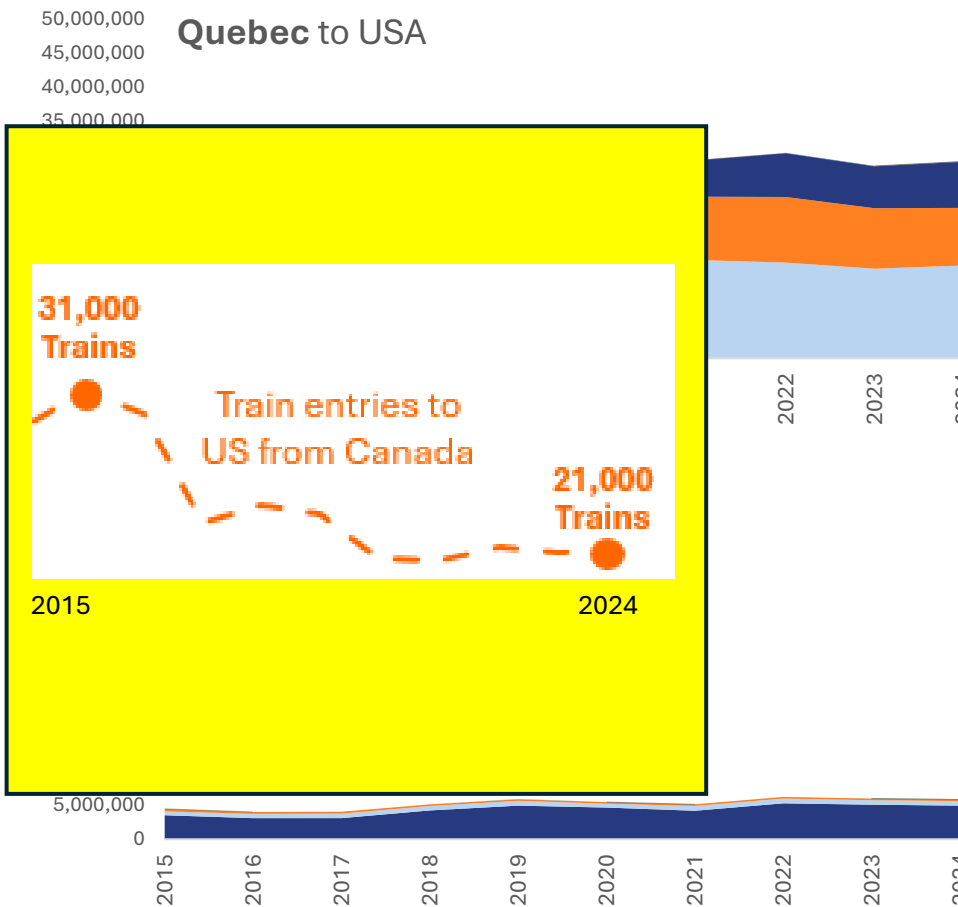
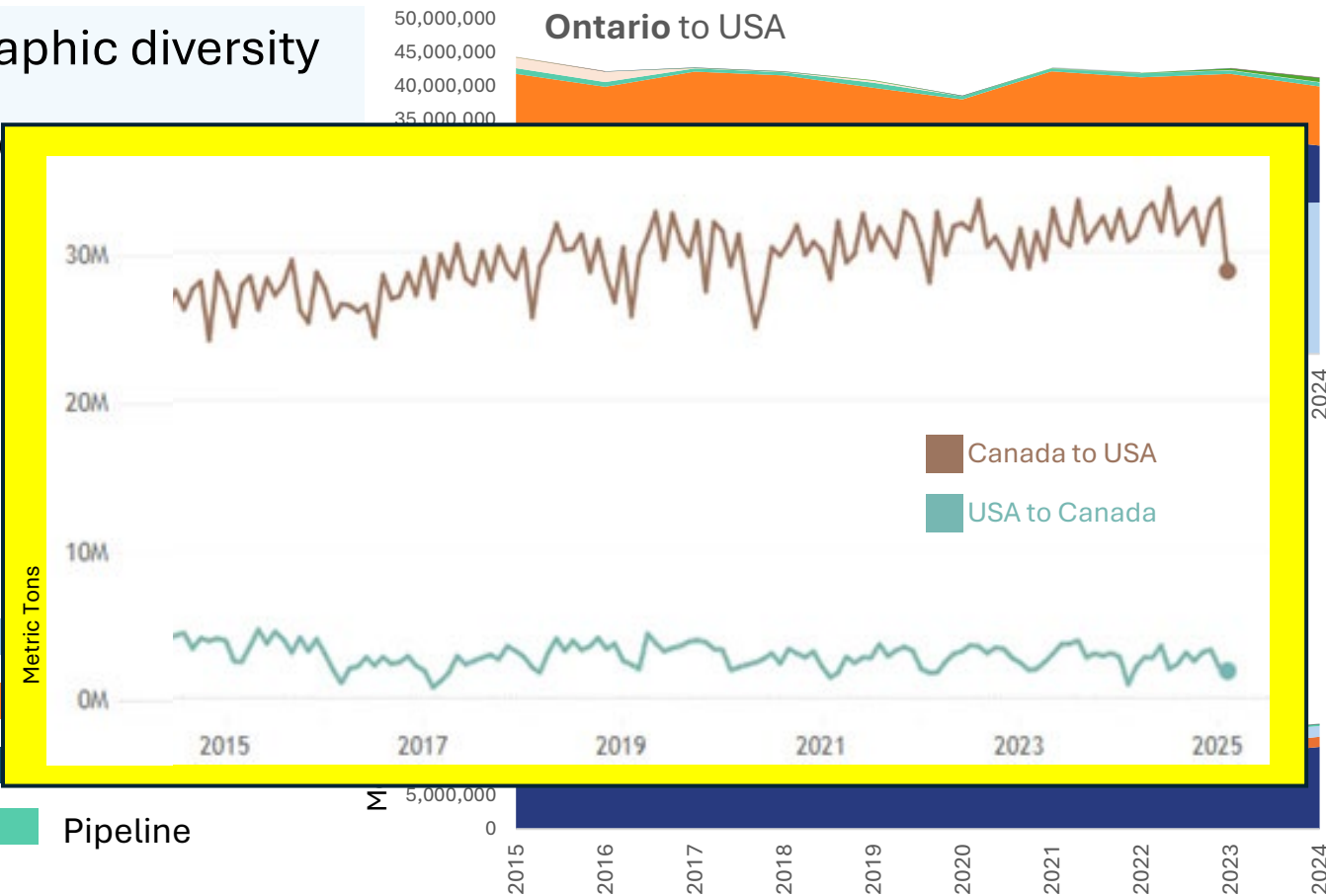
Canada to USA Trade **Weight** by Transport Mode

- Geographic diversity
- Limited change over time
- Diversité géographique
- Évolution limitée au fil du temps



Canada to USA Trade **Weight** by Transport Mode

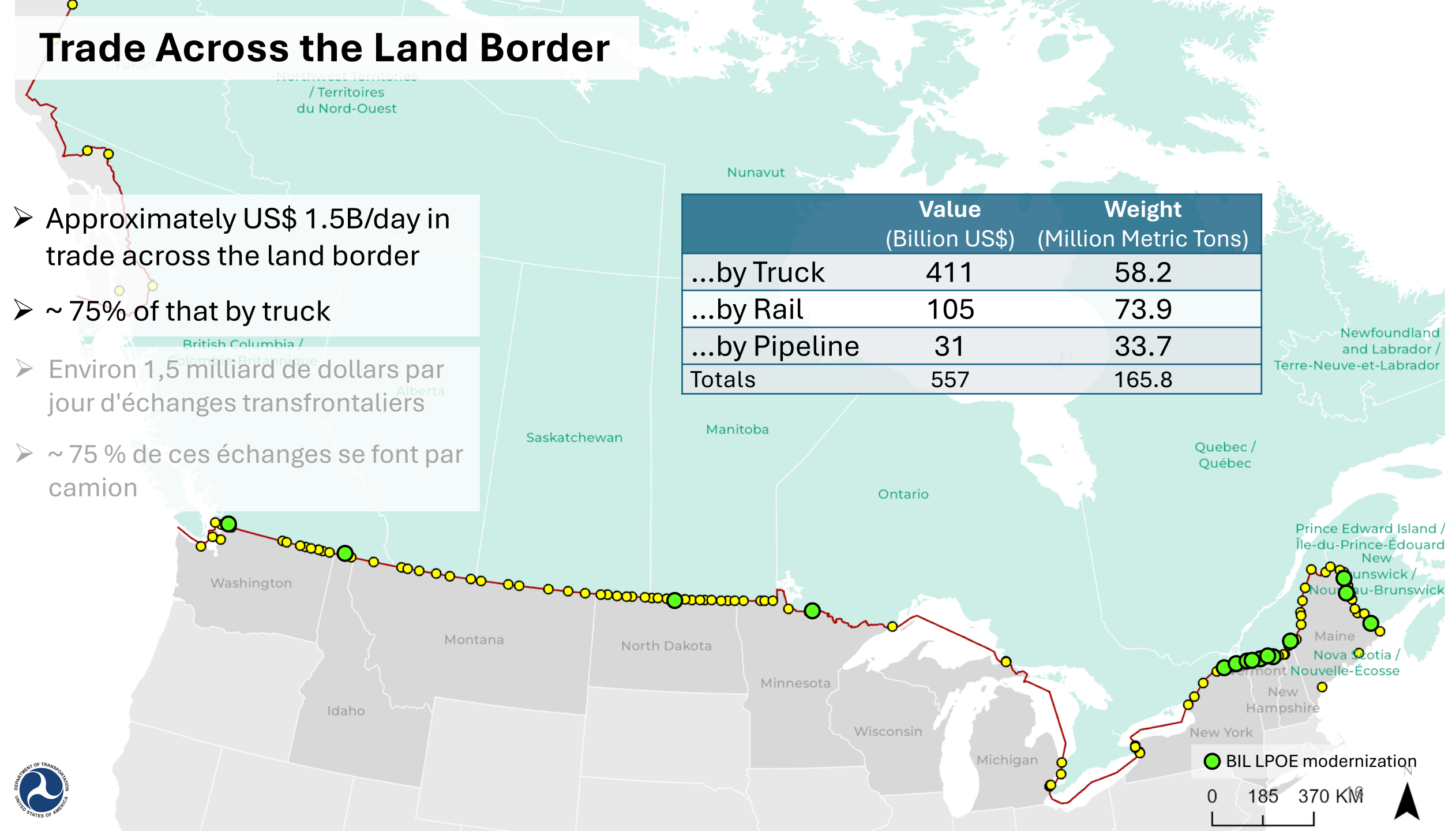
- Geographic diversity
- Limited time



Trade Across the Land Border

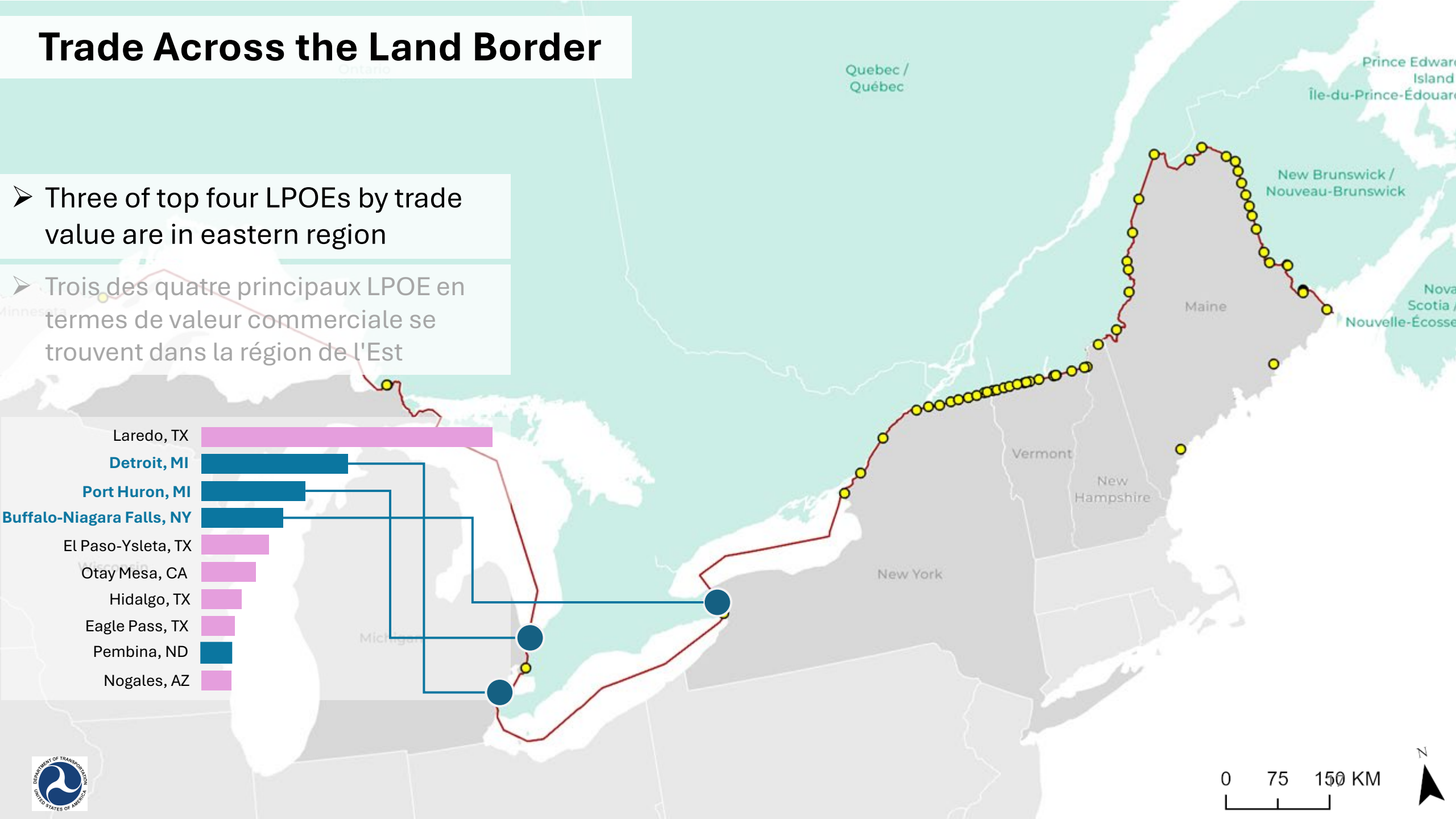
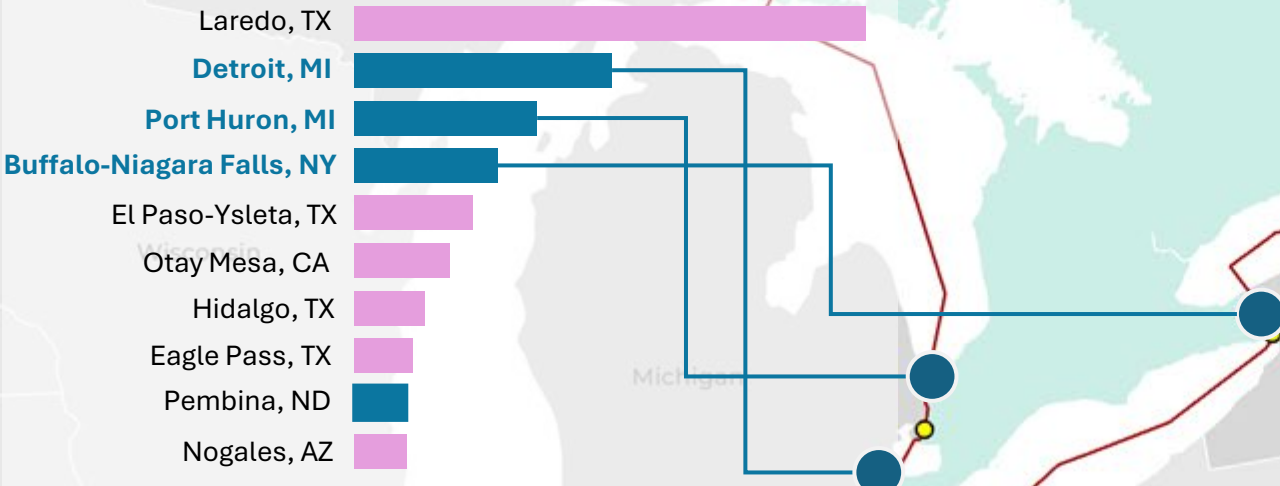
- Approximately US\$ 1.5B/day in trade across the land border
- ~ 75% of that by truck
- Environ 1,5 milliard de dollars par jour d'échanges transfrontaliers
- ~ 75 % de ces échanges se font par camion

	Value (Billion US\$)	Weight (Million Metric Tons)
...by Truck	411	58.2
...by Rail	105	73.9
...by Pipeline	31	33.7
Totals	557	165.8



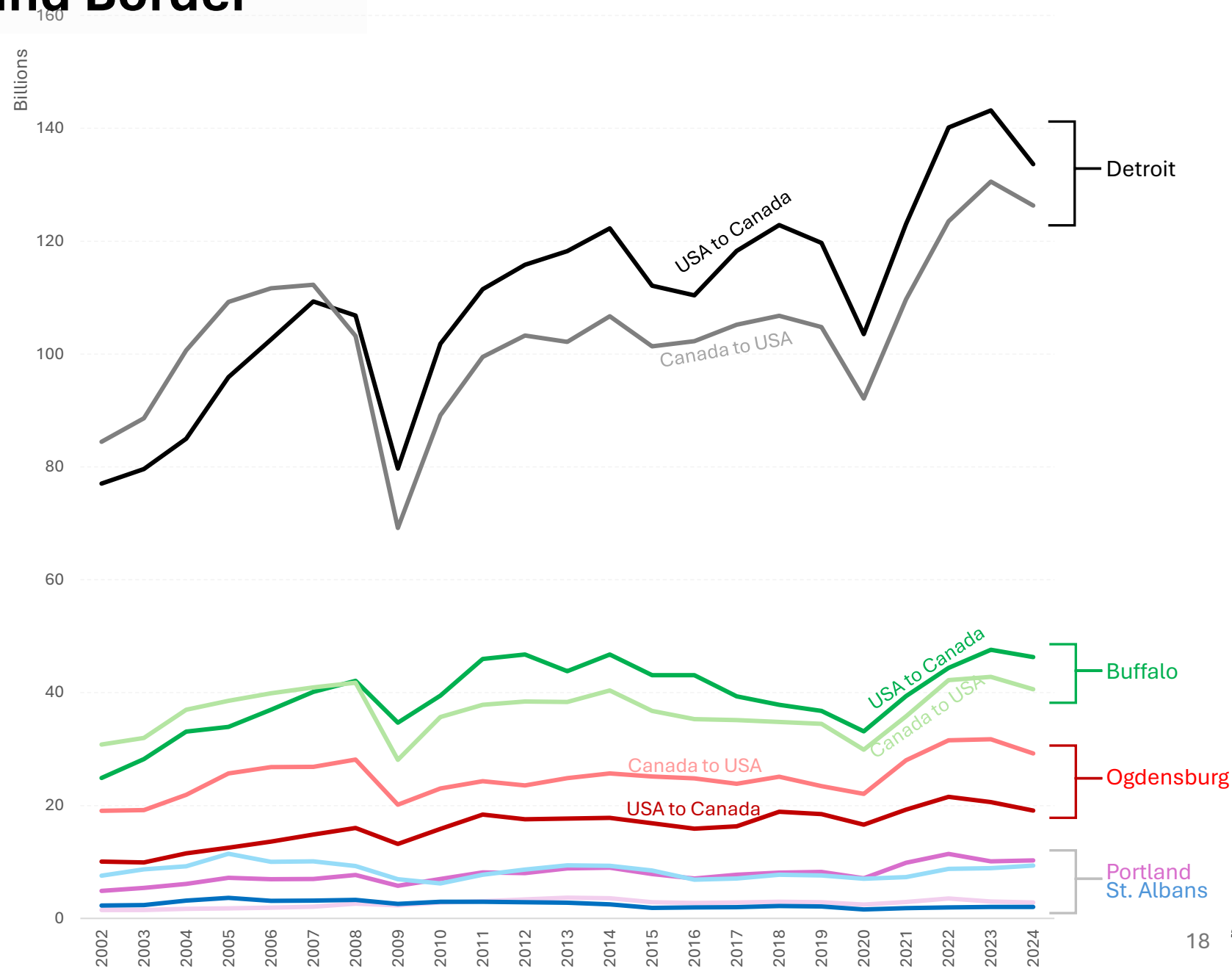
Trade Across the Land Border

- Three of top four LPOEs by trade value are in eastern region
- Trois des quatre principaux LPOE en termes de valeur commerciale se trouvent dans la région de l'Est



Trade Across the Land Border

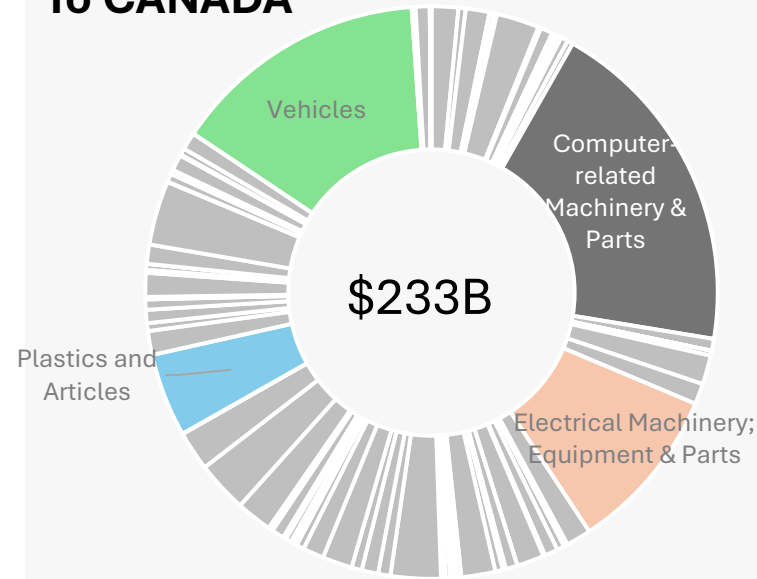
- 1.4 M American jobs supported by exports to Canada
- 2.3 M Canadian jobs supported by exports to the U.S.
- 1,4 million d’emplois américains soutenus par les exportations vers le Canada
- 2,3 millions d’emplois canadiens soutenus par les exportations vers les États-Unis



Trade by Commodity

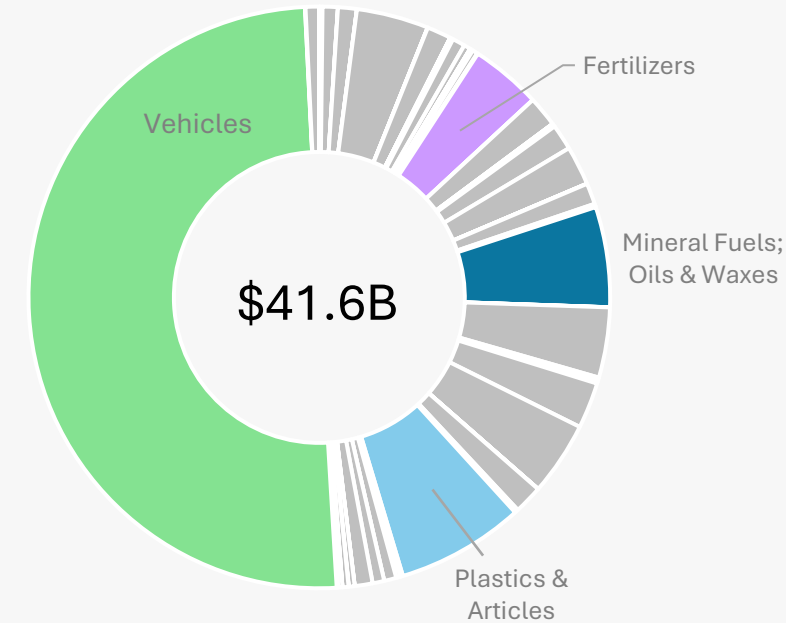
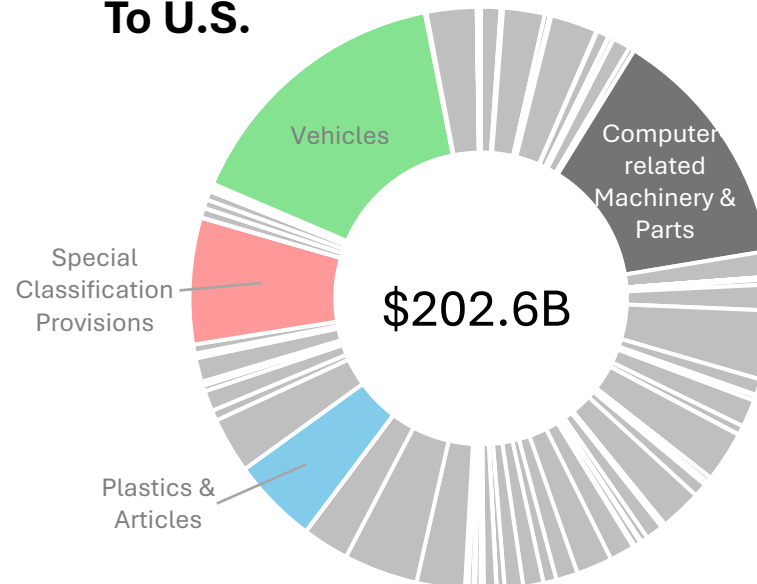
- Autos & auto parts represent significant proportion of land-based US-Canada trade
 - Other important commodities in absolute value terms include computer-related machinery and parts & mineral fuels
-
- Les automobiles et leurs pièces détachées représentent une part importante du commerce terrestre avec le Canada
 - Les autres produits importants en valeur absolue comprennent les machines et pièces informatiques, ainsi que les combustibles minéraux

To CANADA

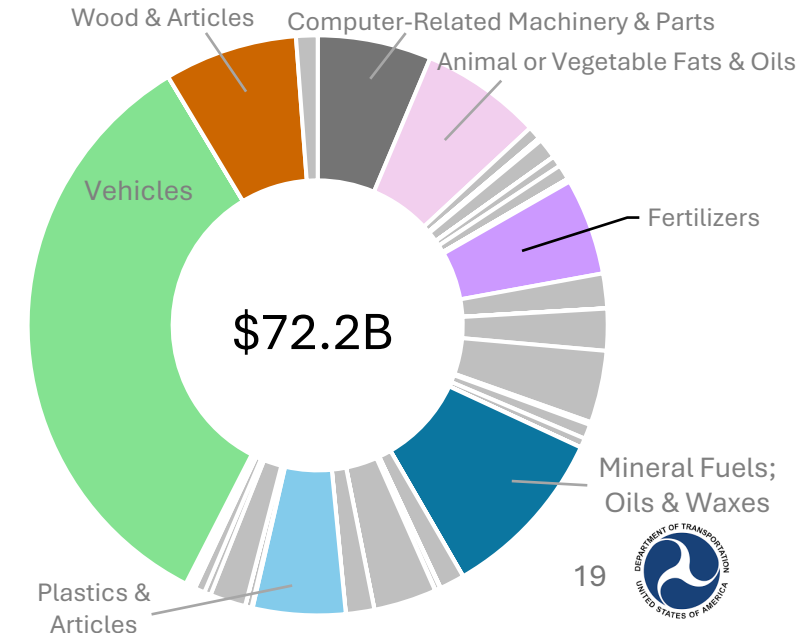


By TRUCK

To U.S.

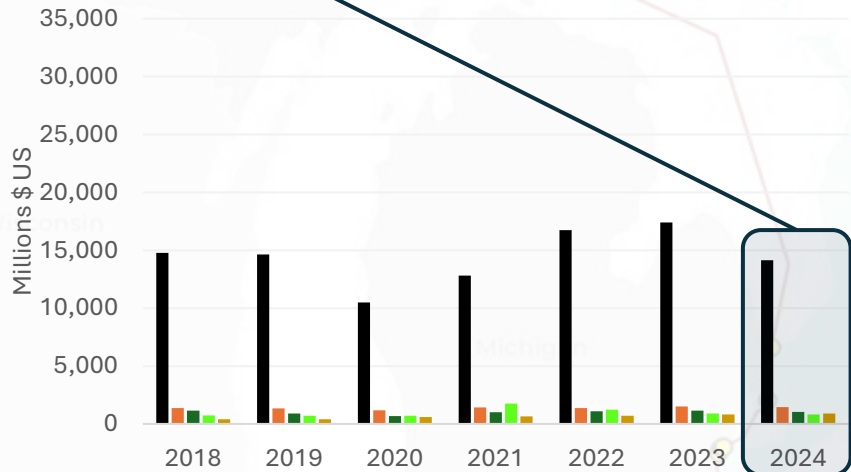
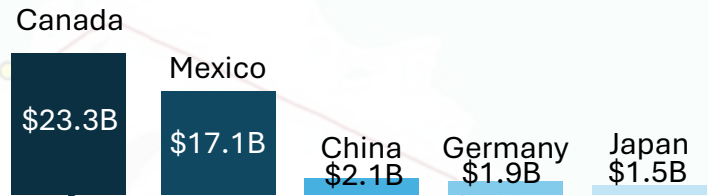


By RAIL

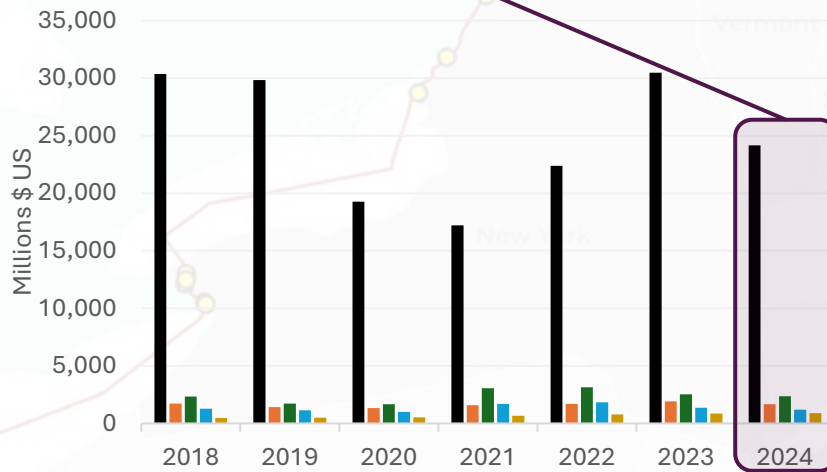
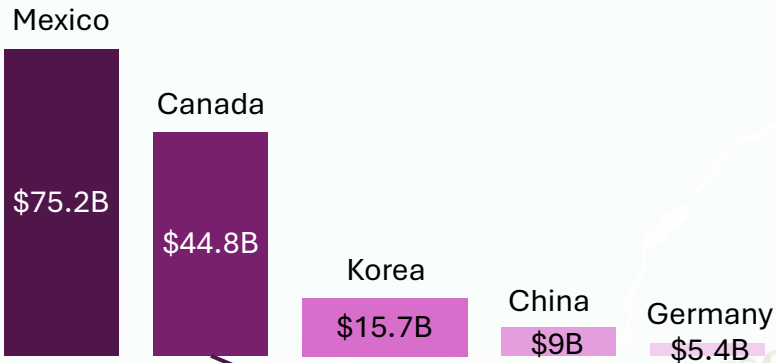


Top 5 NAICS-3 by Location

➤ Michigan Top Export Partners



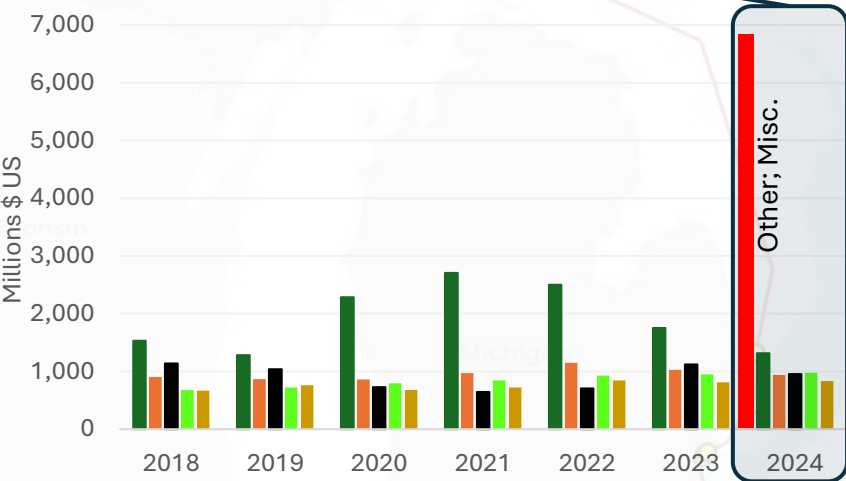
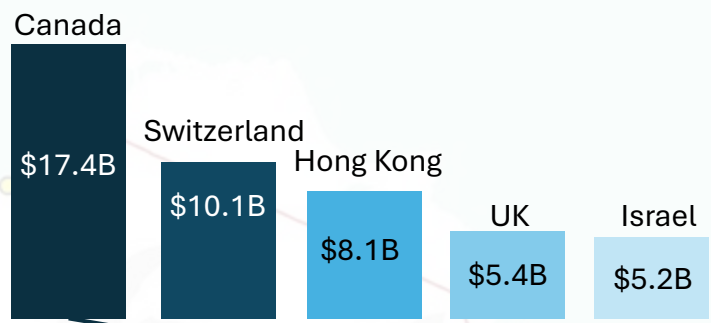
➤ Canada to Michigan



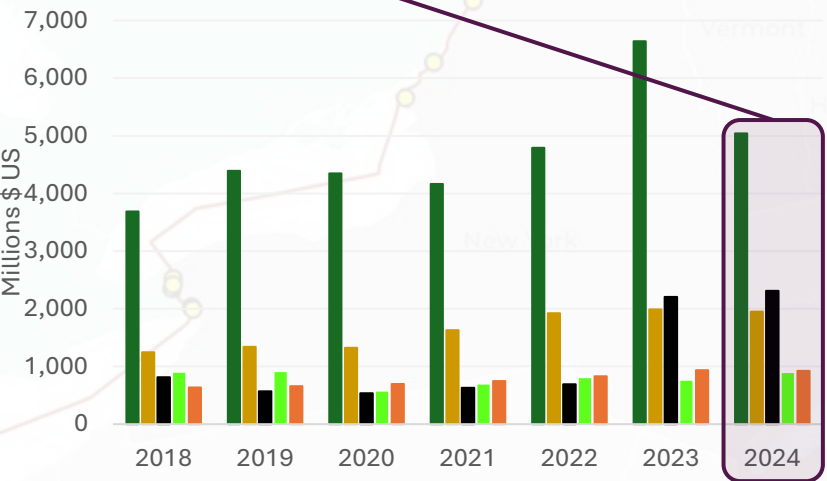
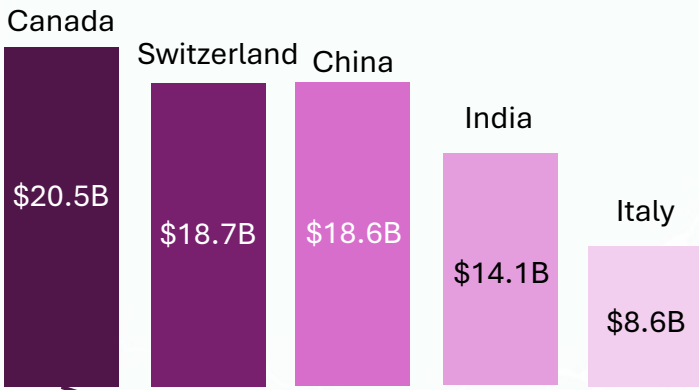
- 336 – Transportation Equipment
- 333 – Machinery, Except Electrical
- 331 – Primary Metal Manufactures
- 325 – Chemicals
- 311 – Processed Foods

Top 5 NAICS-3 by Location

➤ New York Top Export Partners



➤ Canada to New York

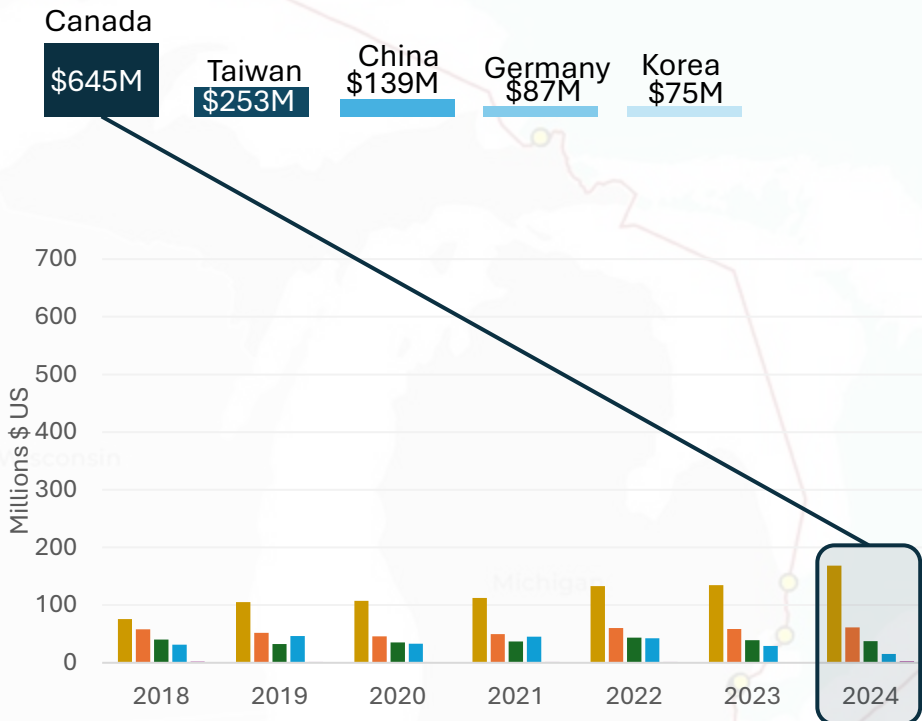


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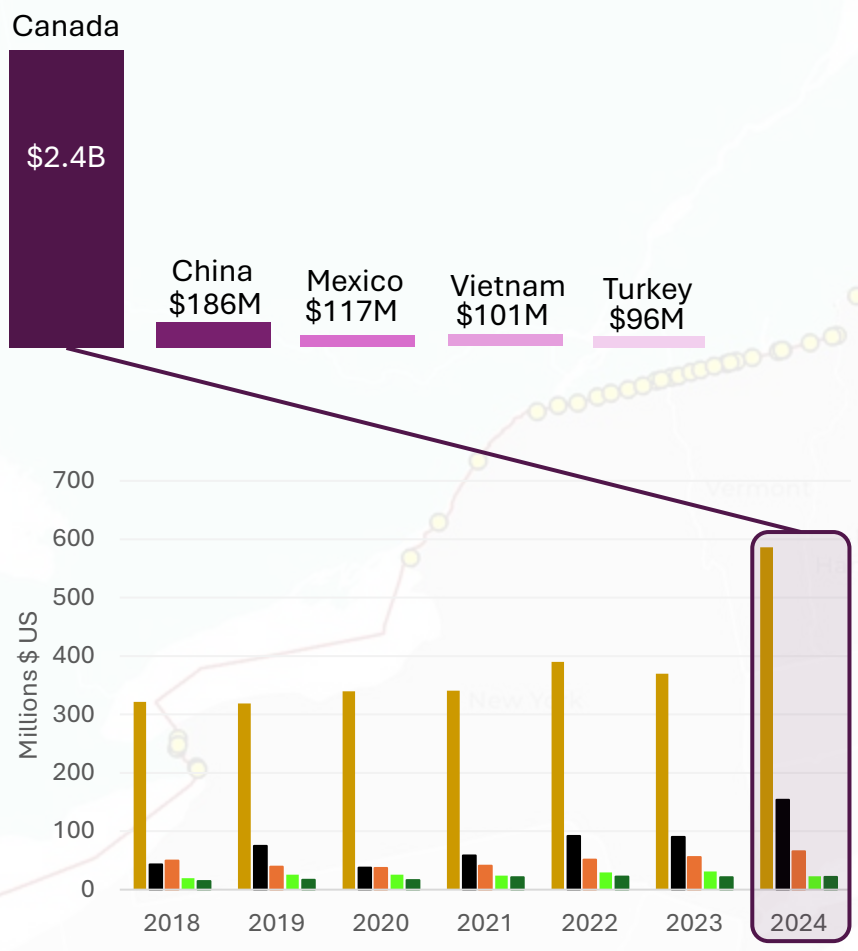


Top 5 NAICS-3 by Location

➤ Vermont Top Export Partners



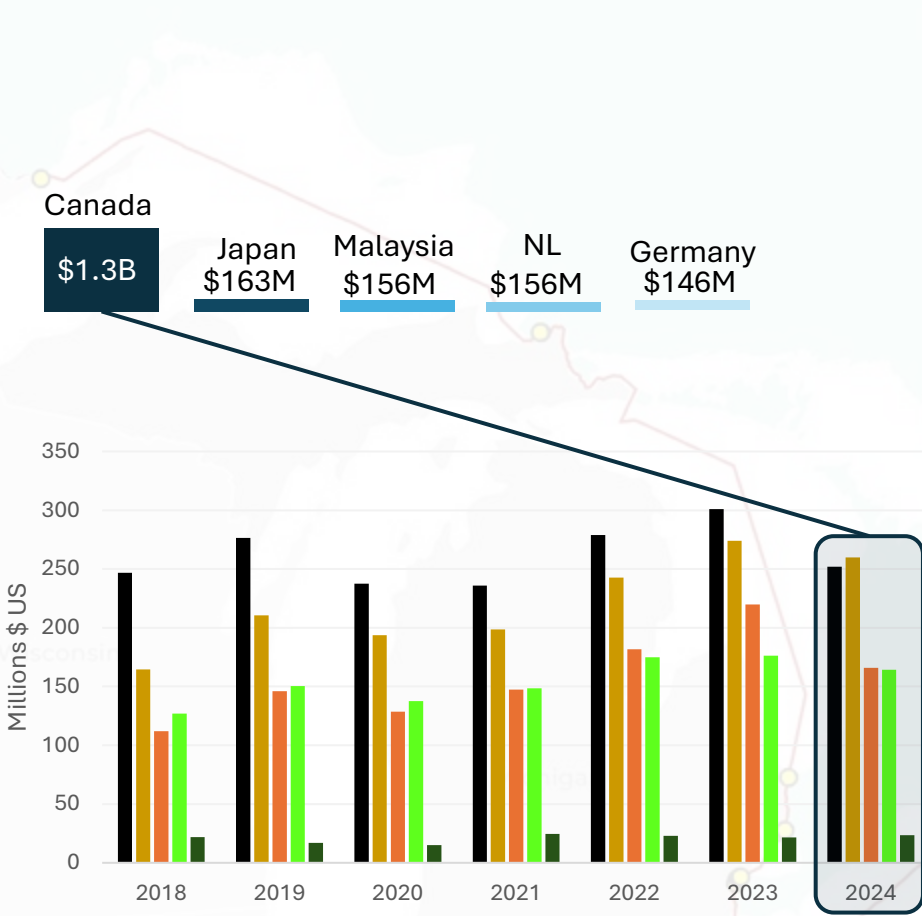
➤ Canada to Vermont



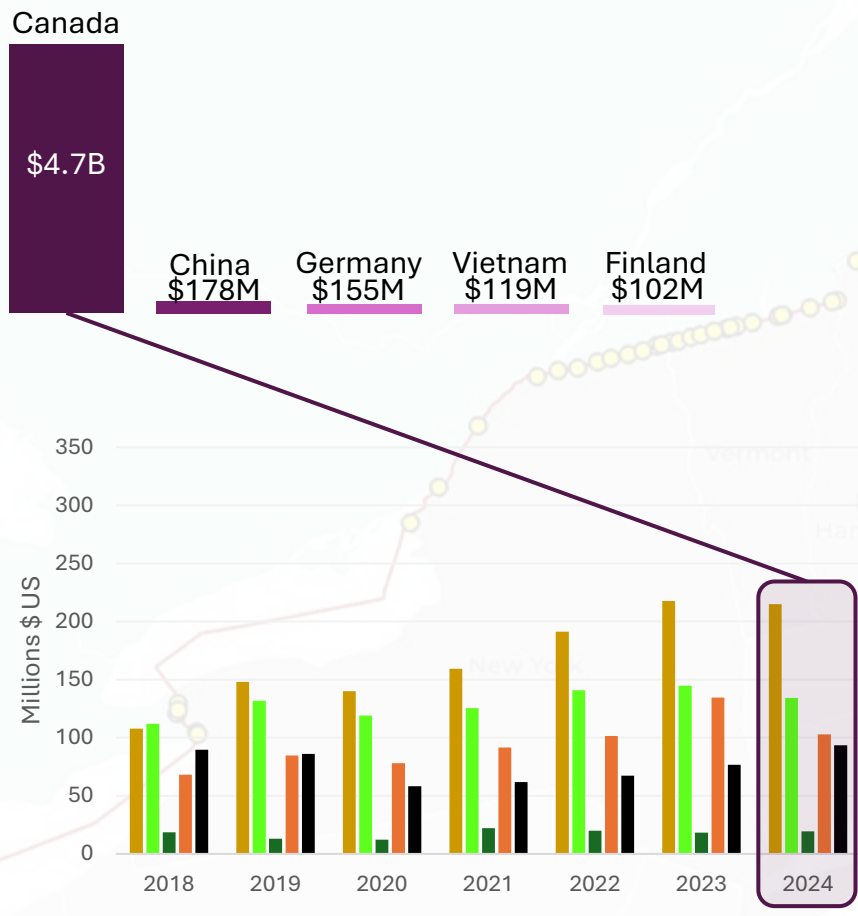
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Top 5 NAICS-3 by Location

➤ Maine Top Export Partners



➤ Canada to Maine



U.S. – Canada Energy Trade



each state/province is an indicator of the relative importance of bilateral energy trade for its economy

ranked according to gross value

COAL
URANIUM
FUEL ETHANOL

the following commodity groups: crude oil, refined petroleum products, natural gas, electricity, coal, uranium, and fuel ethanol

- Trade flows....flow
- Far-reaching economically, but physically too

- Les flux commerciaux... flux
- D'une portée économique considérable, mais aussi physique

PROVINCE	IMPORTS from U.S.	EXPORTS to U.S.
AK	\$1.11B	\$3.51B
HI	No imports	No exports
MB	\$557M	\$490M
NS	\$313M	\$9M
PE	\$<0.1M	\$4M
YT	\$2M	\$0.4M
NU	\$<0.1M	No exports
NT	No imports	No exports



JUN. 1968 North American Electric

1973-79 Oil crises spurs development of

1980-85 Canada implements

JAN. 1988 Canada-U.S.

DEC. 1993 North American

APR. 2001 The North America Energy Working Group formed

JUN. 2001 The first commercial deployment of

2009 The shale revolution reverses

JAN. 2015 U.S.-Canada Agreement on Civilian Nuclear Energy Research and Development

- FEB. 2016 U.S., Canada, and Mexico MOU Concerning Climate Change and Energy Collaboration
- MAR. 2016 U.S.-Canada Joint Statement on Climate, Energy, and Arctic Leadership
- JUN. 2016 North American Climate, Clean Energy, and Environment Partnership Action Plan
- DEC. 2016 U.S.-Canada Electric Grid Security and Resilience Strategy

JAN. 2018

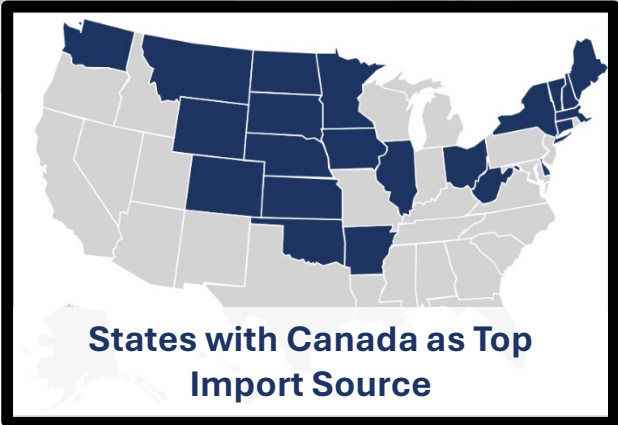


TX	\$6.90B	\$6.32B
WA	\$6.68B	\$910M
MN	\$6.04B	\$153M
MI	\$4.19B	\$1.35B
NH	\$4.29B	\$6.83M
ND	\$163M	\$3.57B
NY	\$2.47B	\$484M
MT	\$2.79B	\$6.1M
NJ	\$2.23B	\$332M
PA	\$2.08B	\$397M
OK	\$2.18B	\$36M
CO	\$2.10B	\$5M
CA	\$1.36B	\$160M
OH	\$1.14B	\$281M
LA	\$869M	\$536M
MO	\$844M	\$97M
VT	\$906M	\$0.2M
IN	\$214M	\$590M
MA	\$698M	\$24M
ME	\$330M	\$232M
PR	\$447M	No exports
FL	\$437M	\$9M
DE	\$438M	\$5M
WY	\$385M	\$6M
WI	\$242M	\$141M
IA	\$213M	\$138M
WV	\$100M	\$247M
CT	\$208M	\$62M
AL	\$257M	\$13M
OR	\$184M	\$80M
NE	\$8M	\$240M
AK	\$154M	\$67M
RI	\$220M	\$0.2M
KS	\$123M	\$36M
ID	\$134M	\$3M
VA	\$58M	\$71M
GA	\$109M	\$12M
MS	\$100M	\$20M
KY	\$53M	\$62M
MD	\$90M	\$10M
UT	\$6M	\$20M
SC	\$24	\$3M
TH	\$3M	\$31M
SD	\$0.5M	\$42M

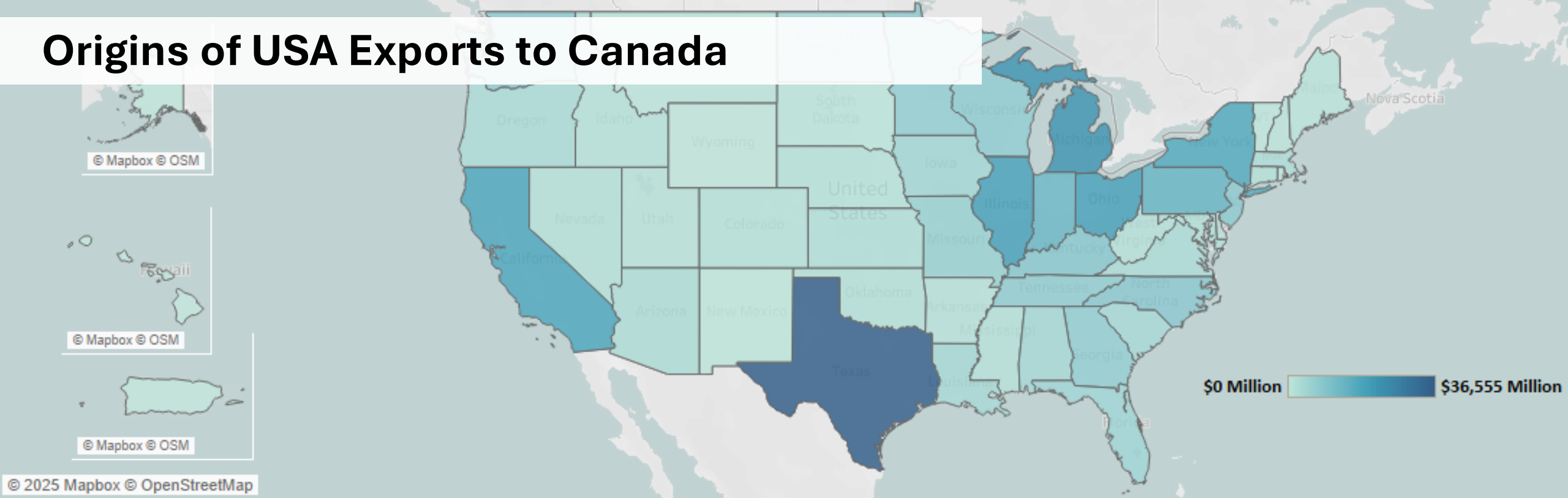
Destinations for Canada Exports to USA



State	2018	2019	2022	2023	2024
UNITED STATES	\$318,575	\$318,589	\$437,429	\$418,619	\$412,696
Illinois	\$38,042	\$37,343	\$67,953	\$65,425	\$63,816
Michigan	\$47,257	\$45,056	\$45,806	\$50,788	\$44,813
Texas	\$20,192	\$18,883	\$32,902	\$36,962	\$38,560
New York	\$17,033	\$16,808	\$22,880	\$22,517	\$20,496
Ohio	\$12,242	\$11,948	\$17,061	\$17,897	\$19,026
Washington	\$13,772	\$14,633	\$23,328	\$19,891	\$17,791
California	\$27,095	\$26,907	\$23,779	\$15,683	\$16,267
Minnesota	\$9,704	\$9,266	\$17,079	\$14,193	\$14,707
Pennsylvania	\$11,734	\$10,919	\$14,195	\$13,628	\$14,242
Indiana	\$7,973	\$7,750	\$11,308	\$11,119	\$10,671



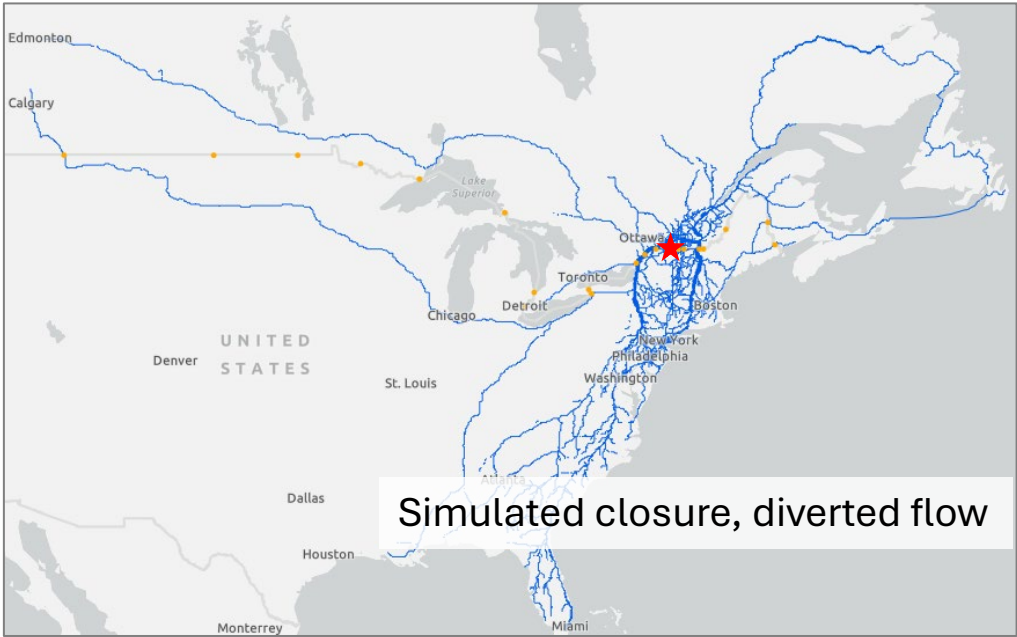
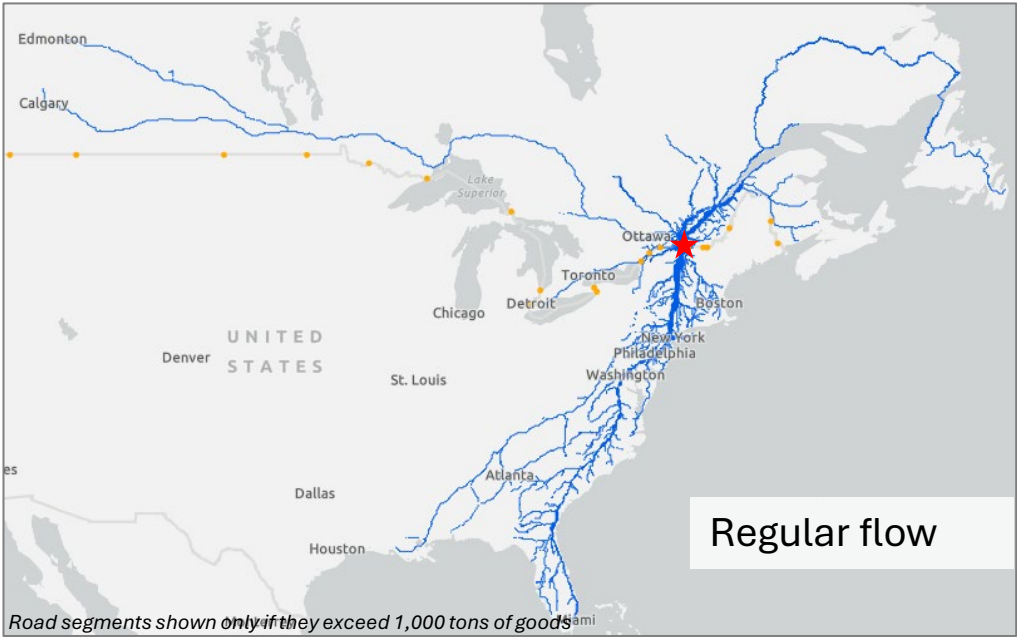
Origins of USA Exports to Canada



State	2018	2019	2022	2023	2024
UNITED STATES	\$299,732	\$292,820	\$359,237	\$354,356	\$348,503
Unallocated	\$23,138	\$23,468	\$26,004	\$25,708	\$43,204
Texas	\$27,544	\$28,531	\$38,420	\$36,072	\$36,555
Michigan	\$23,894	\$23,257	\$28,034	\$27,962	\$23,299
Ohio	\$21,175	\$20,702	\$20,243	\$21,832	\$19,891
Illinois	\$17,699	\$15,685	\$24,519	\$20,753	\$19,831
California	\$17,688	\$16,664	\$20,588	\$19,386	\$18,364
New York	\$16,809	\$16,489	\$22,776	\$21,741	\$17,435
Pennsylvania	\$10,850	\$11,219	\$13,833	\$14,415	\$14,511
Indiana	\$13,377	\$13,304	\$15,101	\$15,050	\$13,896
Kentucky	\$7,775	\$7,811	\$8,935	\$9,182	\$9,319
North Carolina	\$6,692	\$6,650	\$7,522	\$7,360	\$8,555



Disruptions



	Canadian Jobs Supported by Province's Exports to U.S.	% of Population
Ontario	~ 990,000	6.1
Québec	~ 488,000	5.4
New Brunswick	~ 40,000	4.7
Nova Scotia	~ 35,000	3.3

	American jobs supported by Canadian investment in State
Michigan	~ 32,200
New York	~ 47,500
Vermont	~ 1,700
Maine	~ 9,300

Data source: Canadian Chamber of Commerce, Business Data Lab

Moving Forward

- Continued engagement on:
 - Infrastructure investment
 - Tech advancements
- Consider disruptions/uncertainty together
- Poursuite de l'engagement sur :
 - Investissements dans les infrastructures
 - Progrès technologiques
- Analyser ensemble les perturbations et l'incertitude

