



Payroll Employment and Job Vacancies in Canada's Transportation and Warehousing Sector

Chartered Institute of Logistics and Transport in North America, Ottawa, November 2, 2022



Delivering insight through data for a better Canada



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Statistics Canada's Centre for Labour Market Information (CLMI)

- Statistics Canada's CLMI leverages survey and administrative data to provide Canadians with timely and relevant disaggregated information on:
 - Employment, by job and individual characteristics
 - Unemployment and labour force participation
 - Job vacancies, wages and hours worked
 - Other topics relevant to labour market analyses

Labour supply

Population aged 15 and older

Data sources

Labour Force Survey
(monthly)

Census
(every five years)

In the
labour force

Not in the
labour force

Employed

Unemployed

Employment Insurance statistics
(monthly)

Employment Insurance
recipients

Employment Insurance Coverage Survey
(annual)

Characteristics of those who
do or do not have access to EI



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Labour demand

Employers

Data sources

Survey of Employment, Payrolls and Hours
(monthly)

Job Vacancy and Wage Survey
(quarterly and monthly)

Payroll employment,
hours worked,
earnings

Job vacancies



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Statistics Canada measures economic output using the North American Industry Classification System (NAICS)

NAICS consists of sectors

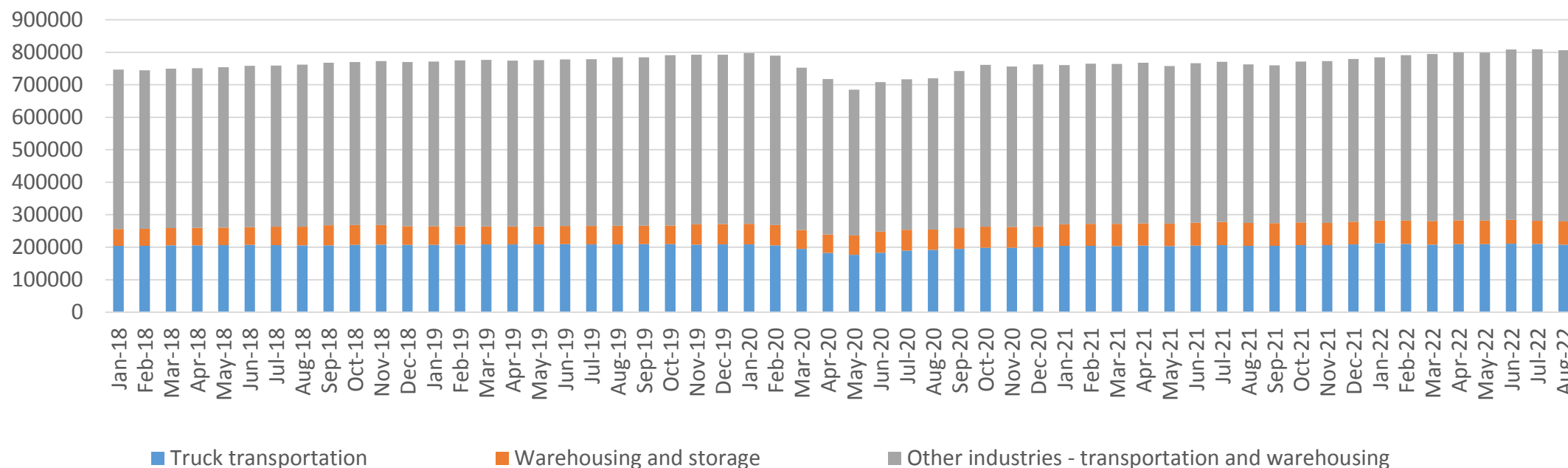
<u>11</u>	Agriculture, forestry, fishing and hunting
<u>21</u>	Mining, quarrying, and oil and gas extraction
<u>22</u>	Utilities
<u>23</u>	Construction
<u>31-33</u>	Manufacturing
<u>41</u>	Wholesale trade
<u>44-45</u>	Retail trade
<u>48-49</u>	Transportation and warehousing
<u>51</u>	Information and cultural industries
<u>52</u>	Finance and insurance

Sectors consist of industries

<u>481</u>	Air transportation
<u>482</u>	Rail transportation
<u>483</u>	Water transportation
<u>484</u>	Truck transportation
<u>485</u>	Transit and ground passenger transport
<u>486</u>	Pipeline transportation
<u>487</u>	Scenic and sightseeing transportation
<u>488</u>	Support activities for transportation
<u>491</u>	Postal service
<u>492</u>	Couriers and messengers
<u>493</u>	Warehousing and storage

There were over 800,000 workers in transportation and warehousing in August

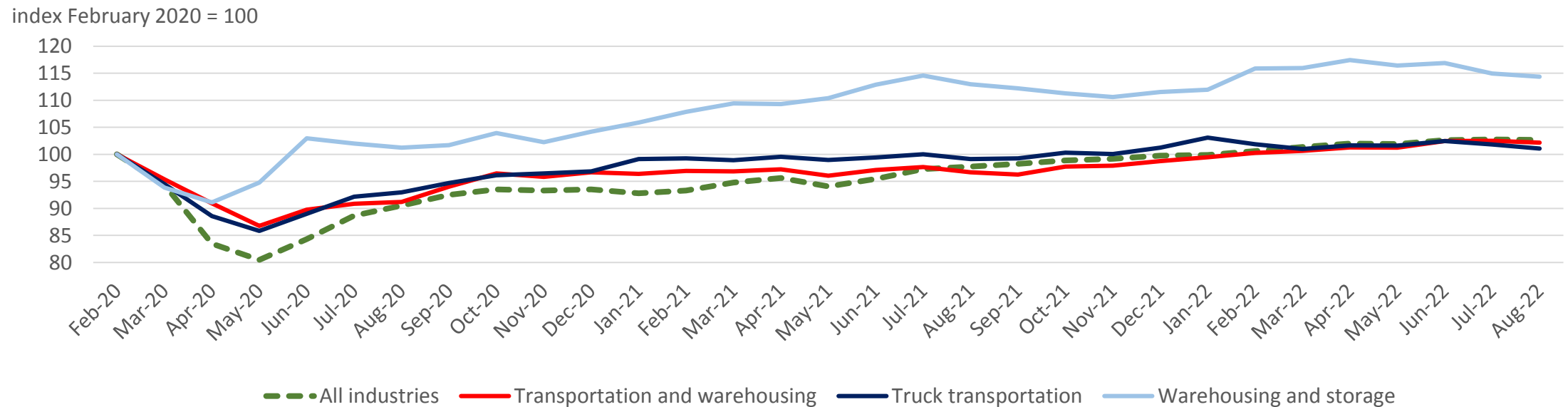
Payroll employment, transportation and warehousing, Canada, 2018 to 2022



Source: Statistics Canada, Survey of Employment, Payroll and Hours

- Employment in the sector slightly higher than in the pre-pandemic period, but growth in warehousing and storage has been more rapid

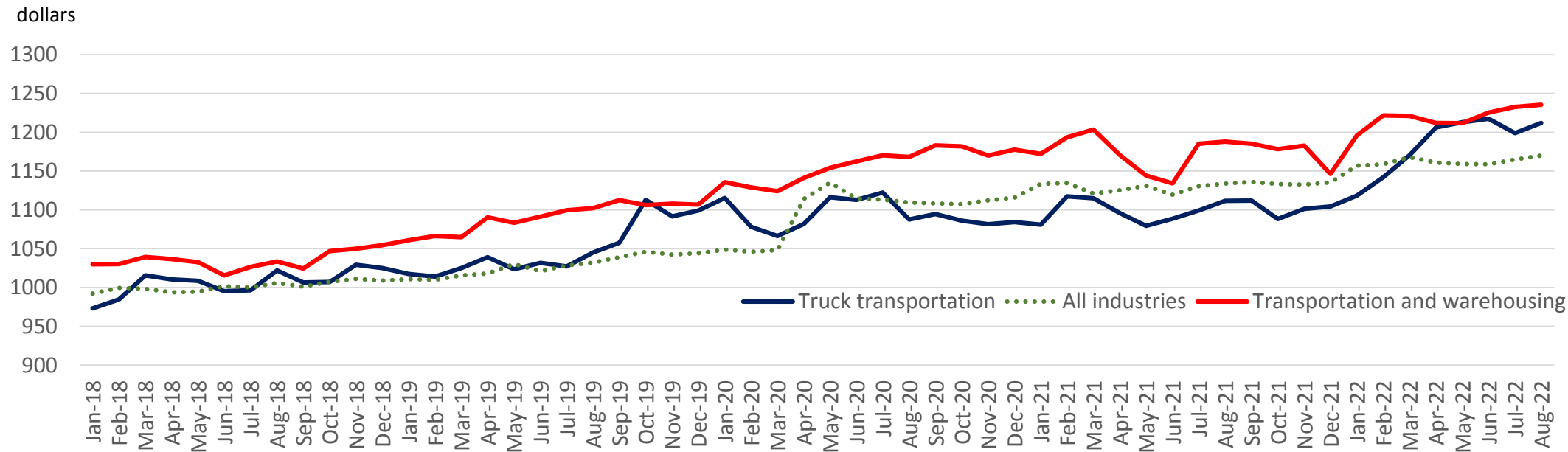
Payroll employment, transportation and warehousing, Canada, 2020 to 2022



Source: Statistics Canada, Survey of Employment, Payroll and Hours

Average weekly earnings in transportation and warehousing have generally increased more slowly than inflation

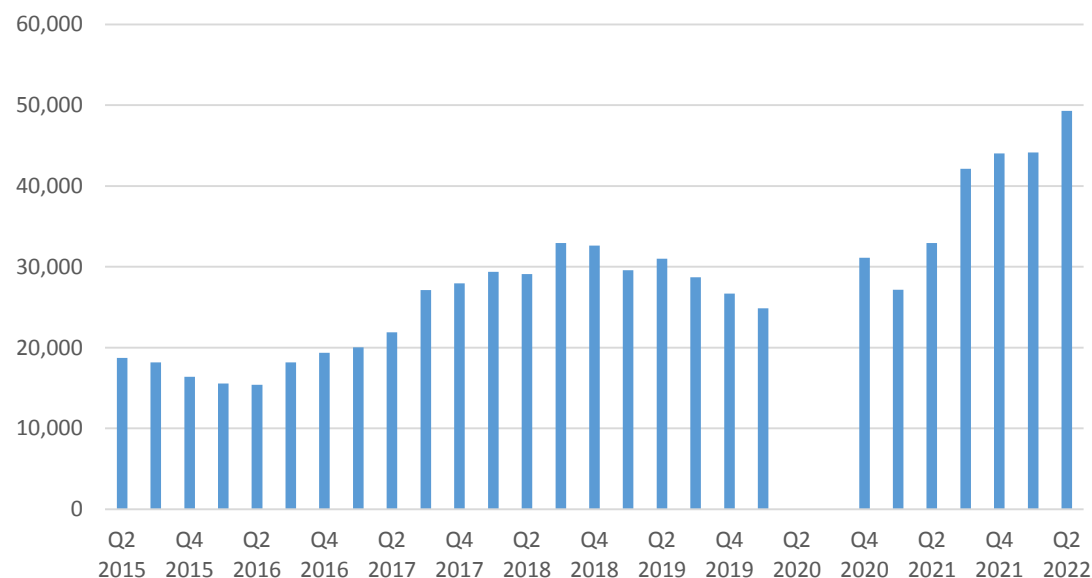
Average weekly earnings, transportation and warehousing, 2018 to 2022, Canada



Source: Statistics Canada, Survey of Employment, Payroll and Hours

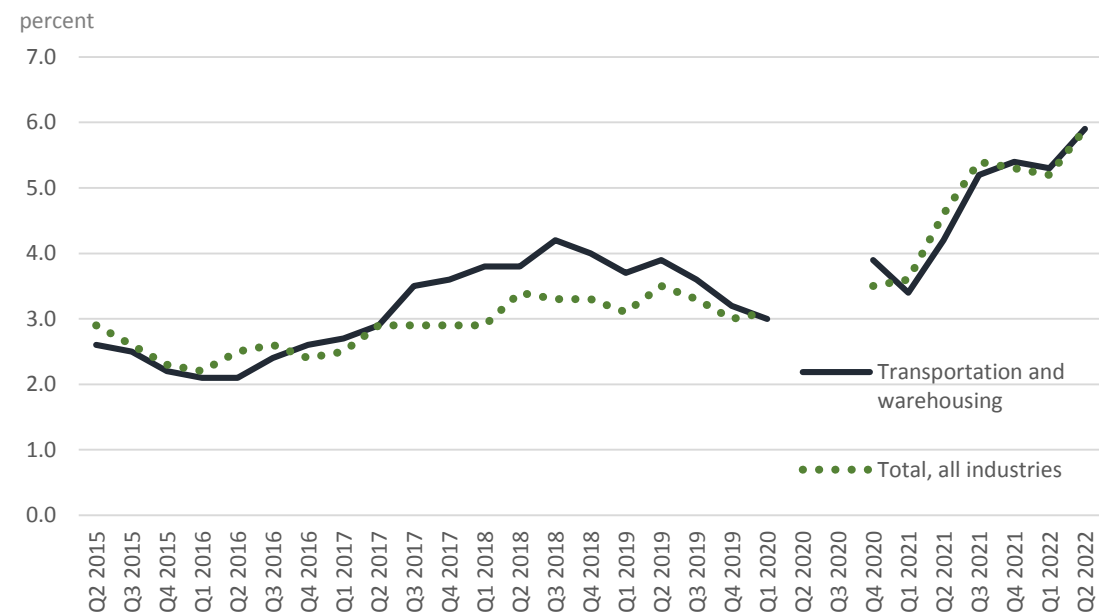
Job vacancies in transportation and warehousing reflect a tight labour market

Job vacancies, transportation and warehousing, 2015 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

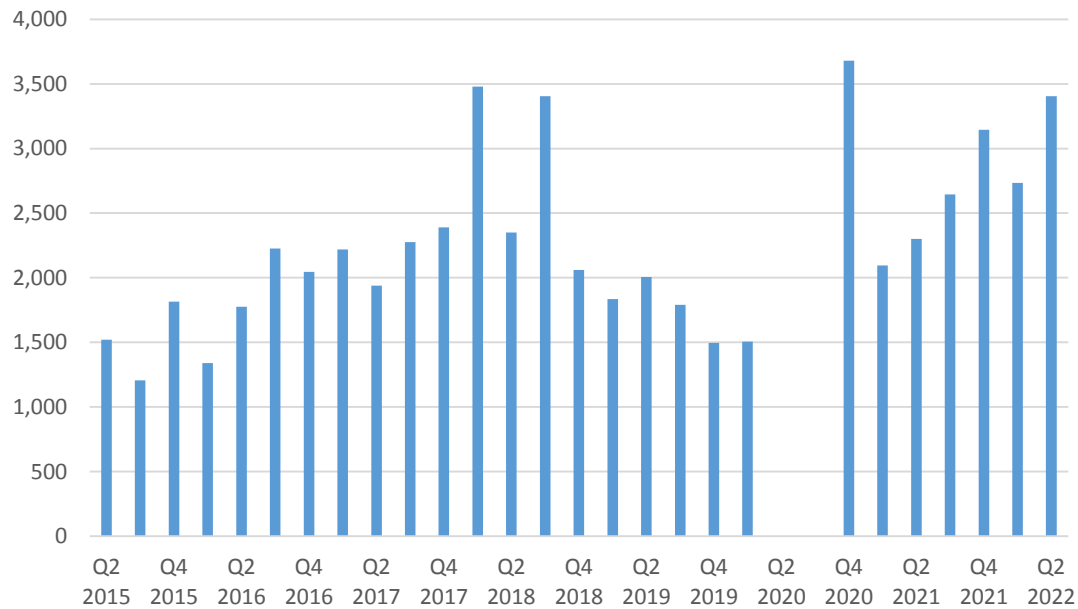
Job vacancy rate, transportation and warehousing, 2015 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

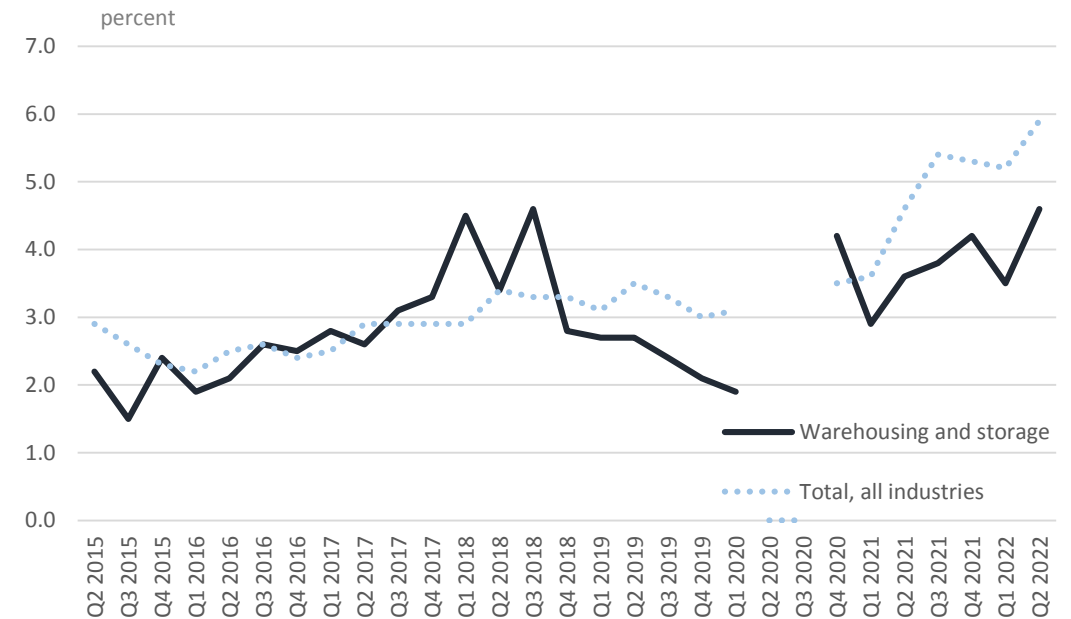
Unmet labour demand in warehousing and storage higher than in the pre-pandemic period but not as high as in other industries

Job vacancies, warehousing and storage, 2015 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

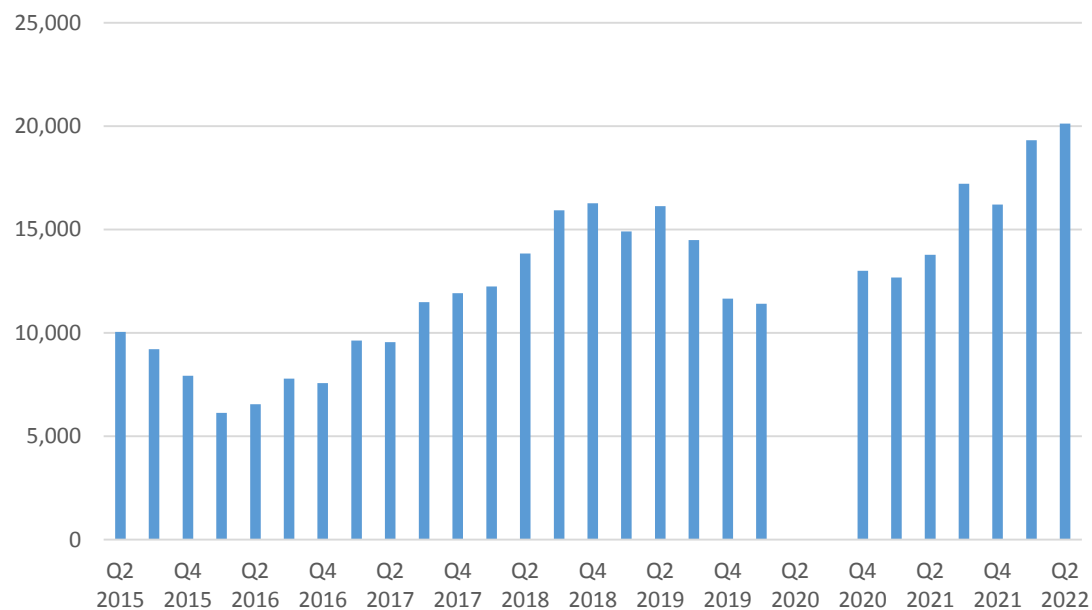
Job vacancy rate, warehousing and storage, 2015 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

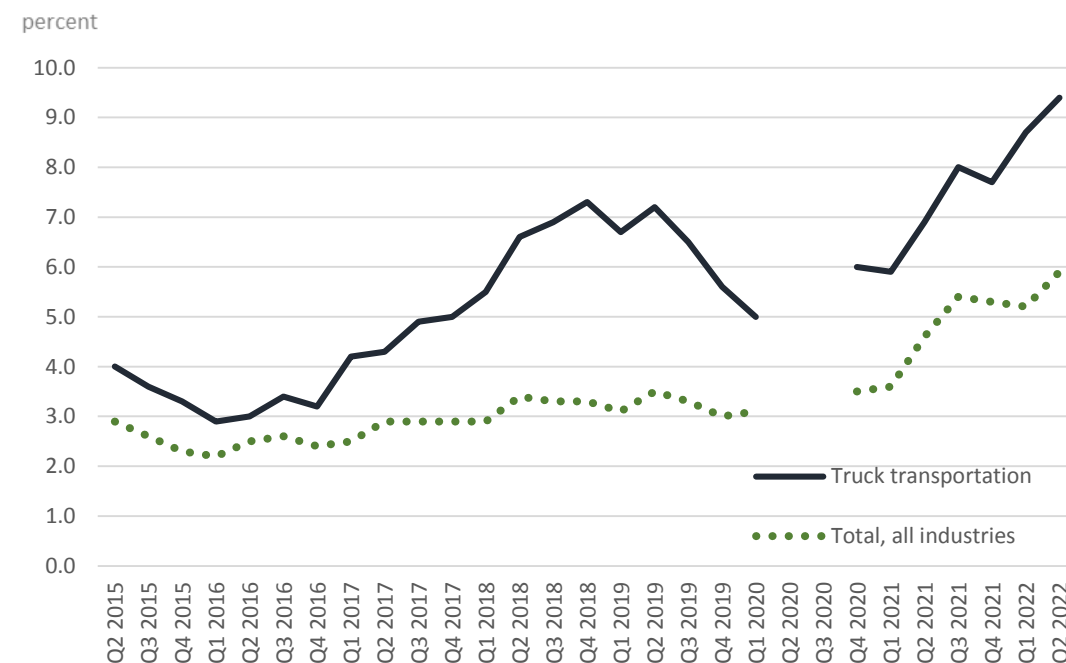
Job vacancies in truck transportation have reached record highs

Job vacancies, truck transportation, 2015 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

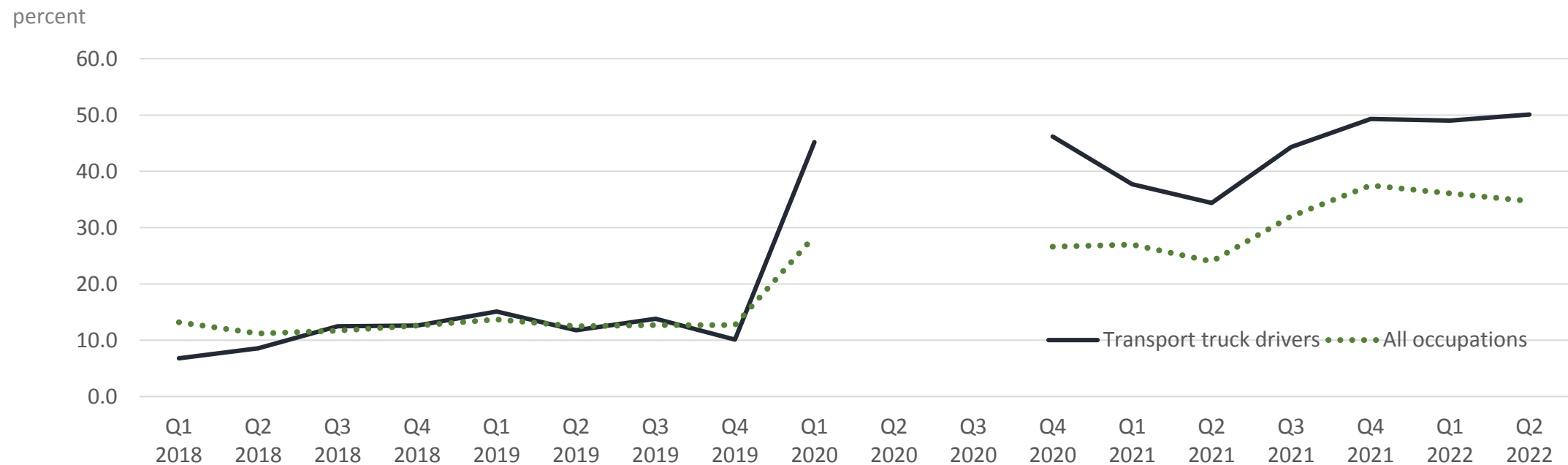
Job vacancy rate, truck transportation, 2015 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

Half of vacancies for transport truck drivers have been vacant for 90 days or more

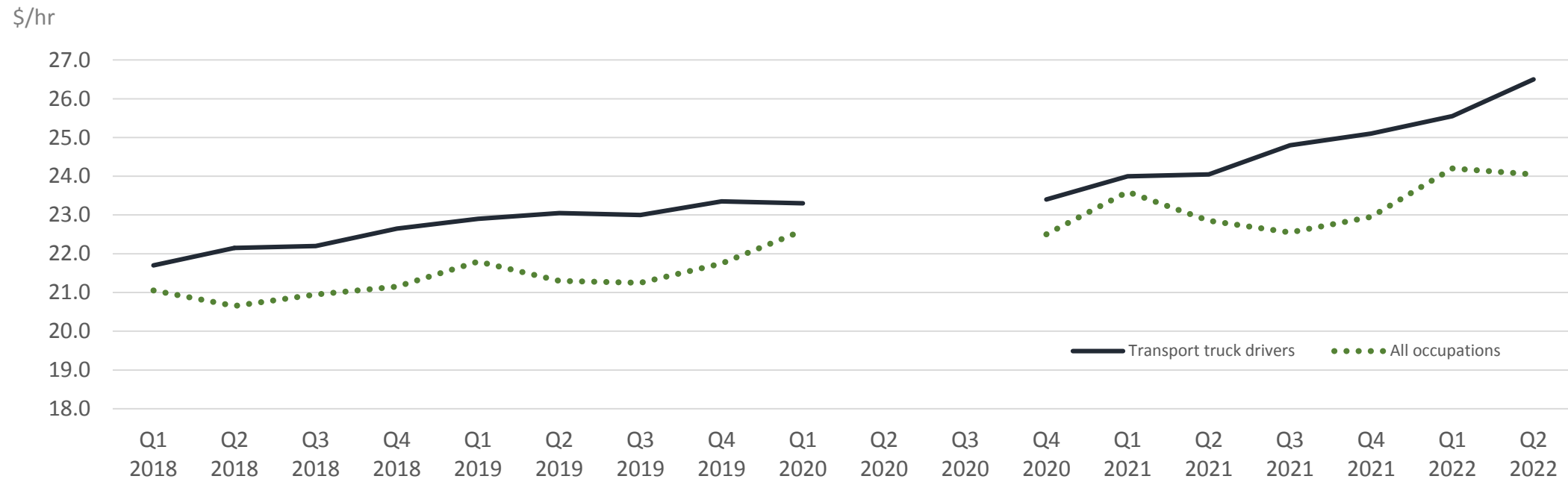
Proportion of vacancies for 90 days or more, transport truck drivers, 2018 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

Growth in offered wages for transport truck drivers has accelerated

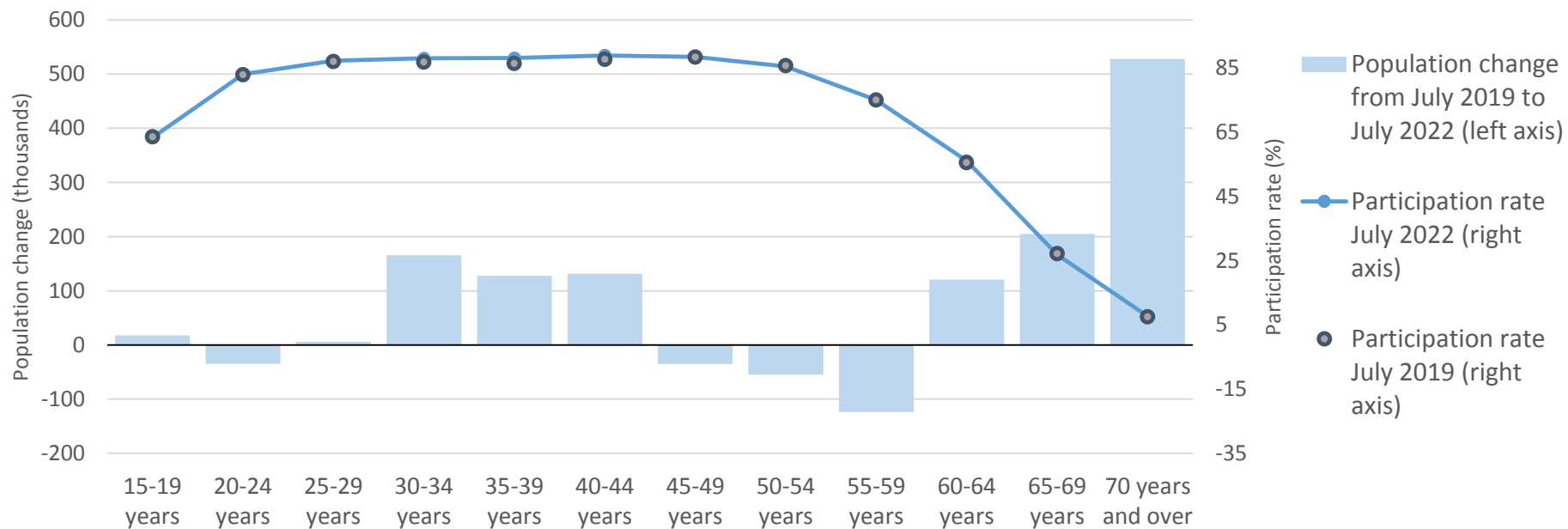
Average offered hourly wage, transport truck drivers, 2018 to 2022, Canada



Source: Statistics Canada, Job Vacancy and Wage Survey

Data on unmet labour demand need to be interpreted in the context of considerable downward pressure on labour force participation due to population aging

Participation rate and population change, by age group, Canada, July 2019 to July 2022

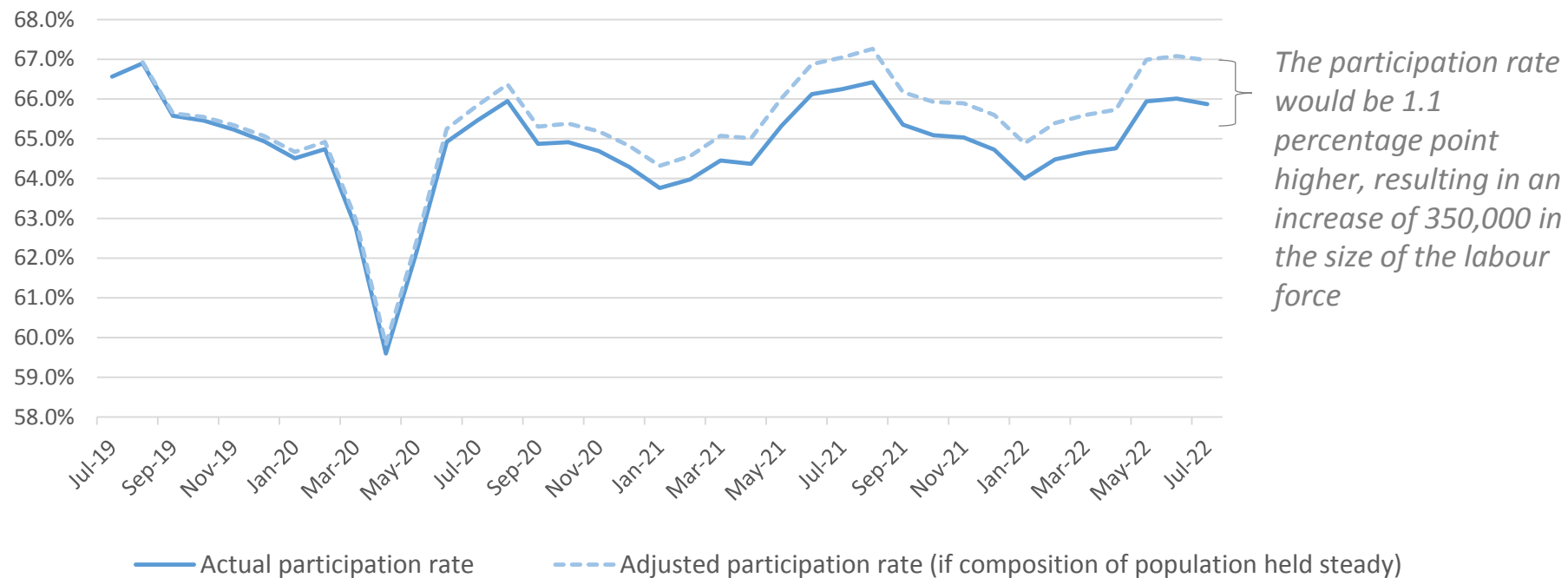


Source: Statistics Canada, Labour Force Survey

- ✓ The effects of population aging on labour force participation could potentially be partially offset by increased labour force participation among older workers.
- ✓ However, since 2019, such an increase has not been observed.

If the age structure of the population had remained constant since 2019, there would be approximately 350,000 more labour force participants in Canada

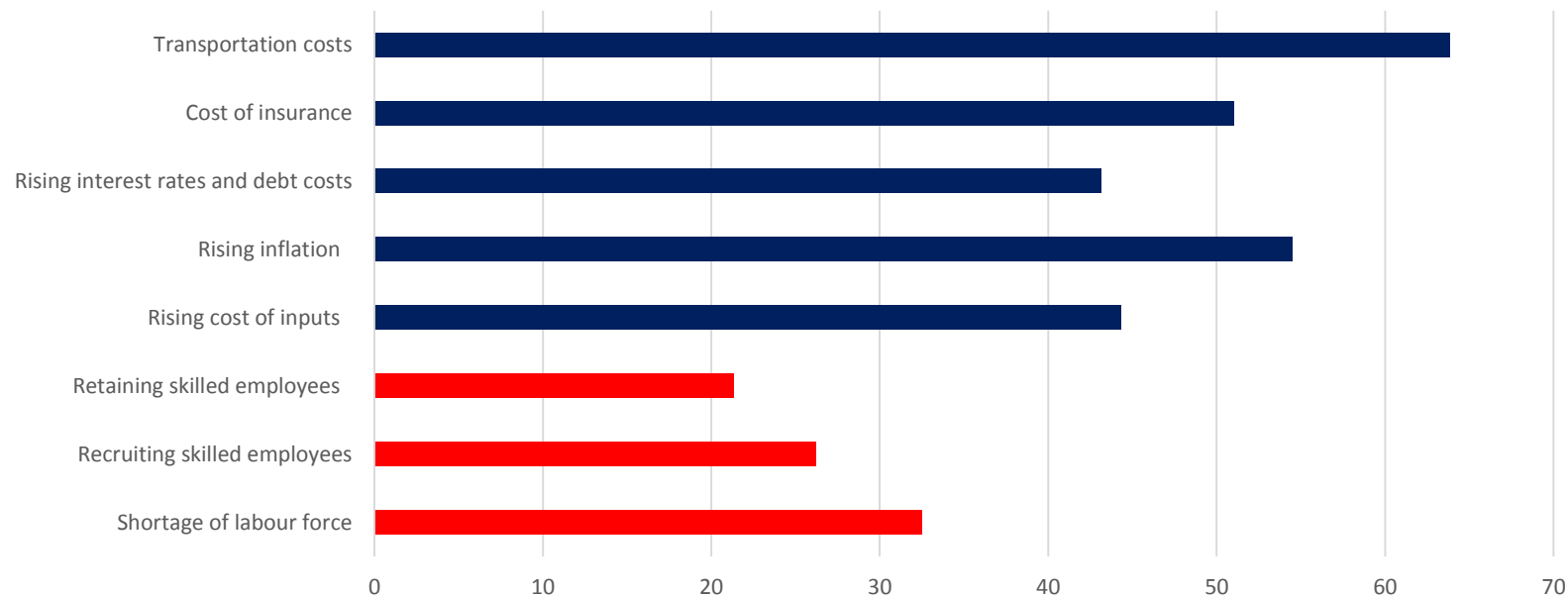
Actual participation rate and participation rate under constant demographic structure, Canada, 2019 to 2022



Source: Statistics Canada, Labour Force Survey

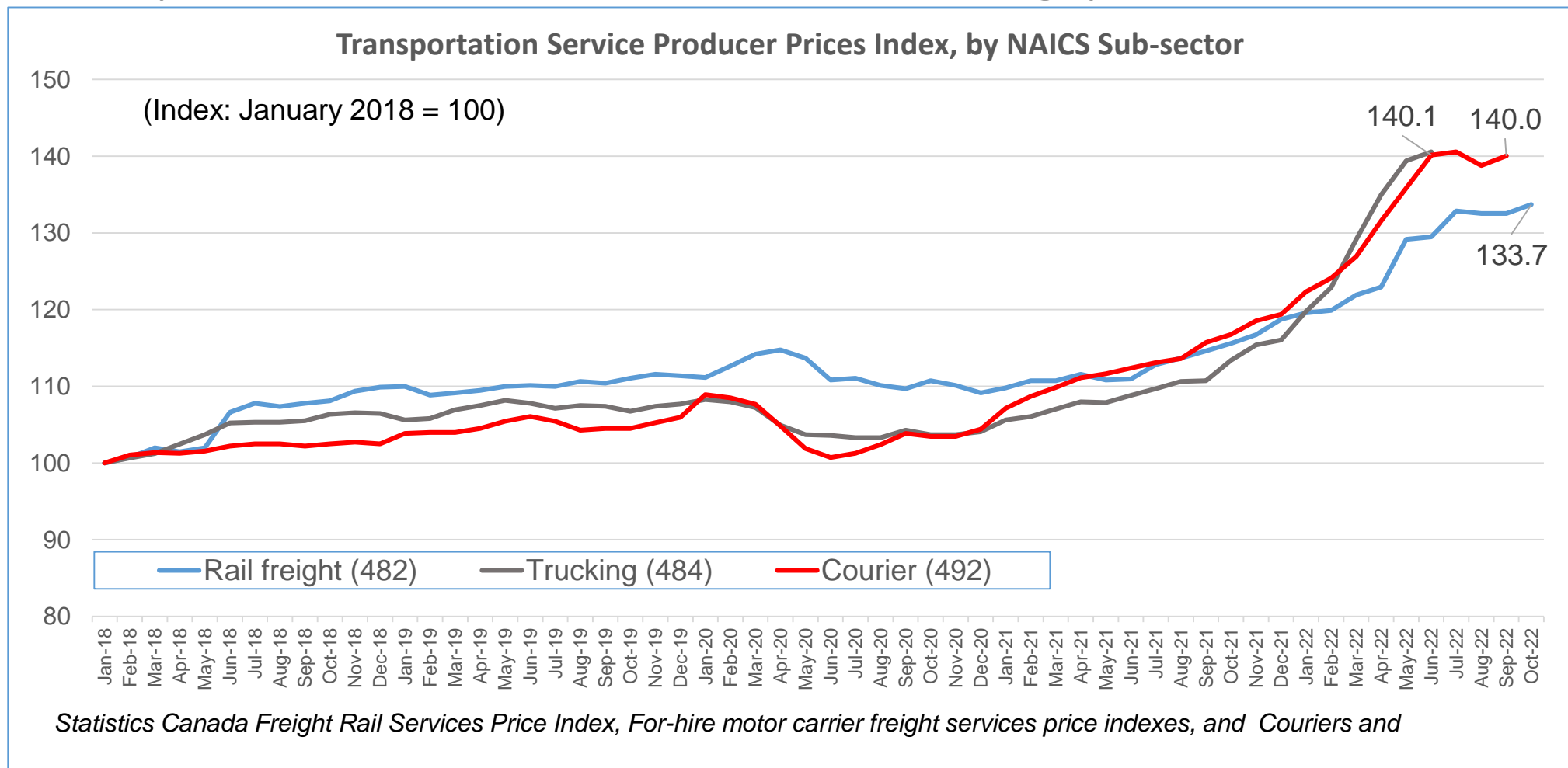
Labour shortages and job vacancies are one of many obstacles facing the transportation and warehousing sector

Business or organization obstacles over the next three months, transportation and warehousing, third quarter of 2022, Canada



Source: Statistics Canada, Canadian Survey on Business Conditions

Transportation costs rise following pandemic





Thank you

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