

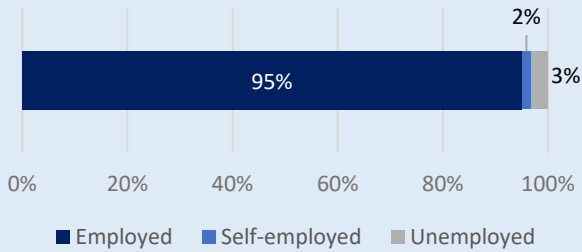
# Hoisting Engineer – Tower Crane Operator (339B)



Hoisting Engineers – Tower Crane Operators<sup>1</sup> maintain and operate tower cranes to lift, move, position and place materials and equipment, working in construction, surface mining, shipbuilding, offshore drilling rigs and railway settings. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

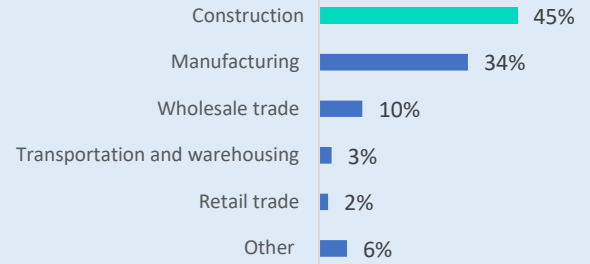
## WORKFORCE PROFILE

**Ontario's Hoisting Engineers – Tower Crane Operator Workforce, 2022**



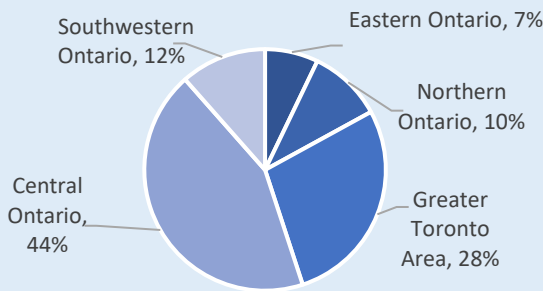
Source: Labour Force Survey – Based on 6,100 Respondents

**Where Do Hoisting Engineers – Tower Crane Operators Work?**



Source: 2021 Census

**Workforce Across Ontario**



Source: 2021 Census

**Hoisting Engineer – Tower Crane Operator (339B) Number of Certificates of Qualification Issued, 2022**

65

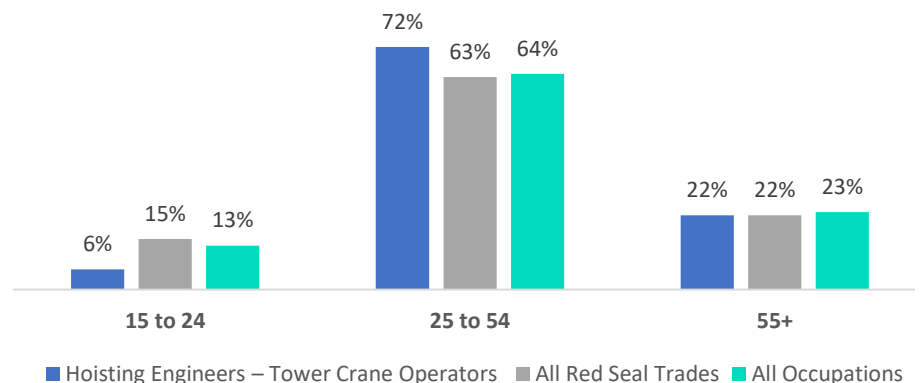
Source: STO Operations Database

## AGE PROFILE

Hoisting Engineers – Tower Crane Operators have a notably smaller share of youth (under age 25) in the workforce compared to other Red Seal trades.






More than a fifth (22%) of Hoisting Engineers – Tower Crane Operators are nearing the age of retirement (age 55 or over).

**Workforce by Age Group**



Source: 2021 Census

# WORKFORCE DEMOGRAPHICS

		Hoisting Engineer – Tower Crane Operator	Change from 2016	All Red Seal Trades
Women+		1.8%	-0.5%	13.8%
Immigrants		13.4%	-2.4%	26.2%
Racial Minorities		9.9%	+2.3%	23.3%
Indigenous Peoples		3.9%	+0.1%	3.7%
People with Disabilities		13.2%	+1.4%	13.5%

Source: 2016 Census, 2021 Census

## EDUCATION PATHWAY

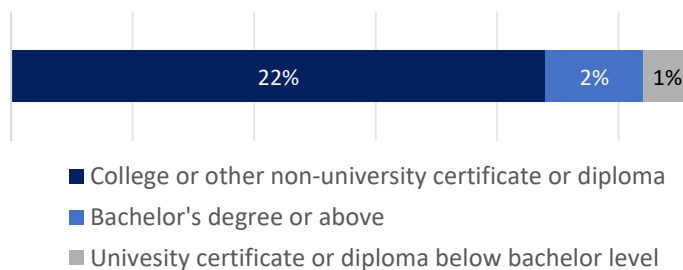
Hoisting Engineer – Tower Crane Operator is a compulsory trade in Ontario, requiring a Certification of Qualification, a Provisional Certificate of Qualification, or an active registered training agreement to practice within the province.

A grade 10 education is required to qualify for an apprenticeship.

The apprenticeship program is approximately three years, consisting of 2,640 hours of on-the-job work experience and 3 levels of in-school training.

Source: 2021 Census

### Share of Workforce with Postsecondary Credential



In addition to holding a Certificate of Qualification, approximately a quarter of Hoisting Engineers – Mobile Crane Operators also hold a postsecondary credential.

## INCOME

Income Data Not Available for 2022<sup>2</sup>

<sup>1</sup> The information in this profile is applicable to all Crane Operators (NOC 72500), which includes both the Hoisting Engineer – Mobile Crane Operator 1 (339A) and Tower Crane Operator (339B) trades.

<sup>2</sup> Hourly/annual income ranges could not be provided because of a sample size of less than 10 respondents. Hourly/annual figures can vary based on different factors including location, other certifications and work experience. In Ontario, employers, unions, and organizations may offer benefits such as: Health Insurance, Retirement Plans, Dental Insurance and Training Programs, among others.

Please refer to the FAQs for additional information and definitions.

