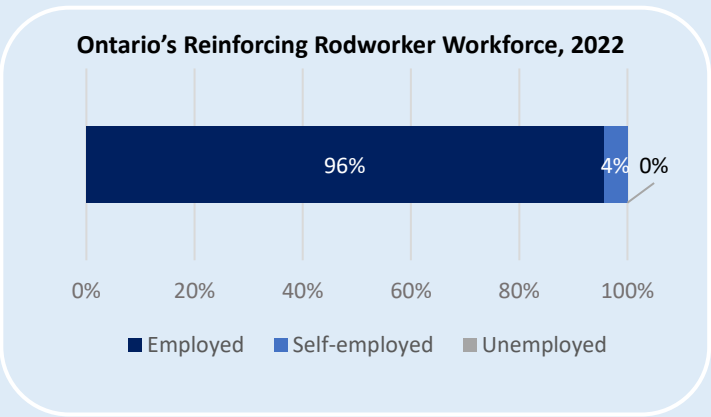


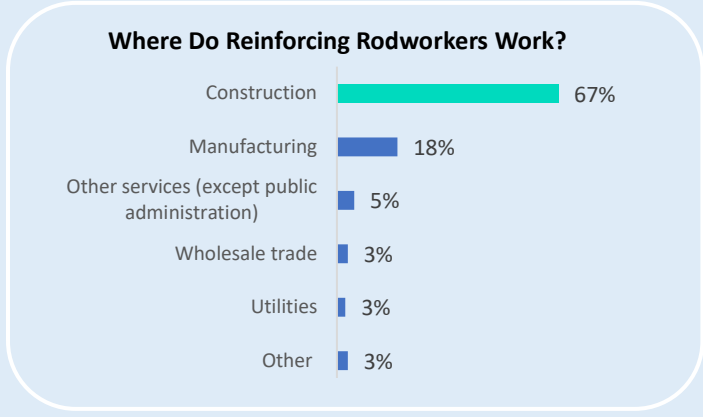
Reinforcing Rodworker (452A)

Reinforcing Rodworkers¹ reinforce a wide variety of concrete constructions including but not limited to buildings, landscape features, parking garages, caissons, highways, bridges, wind turbines, stadiums, and towers by using reinforcing steel, composite materials, welded wire mesh, post-tensioning systems and any other concrete reinforcements. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

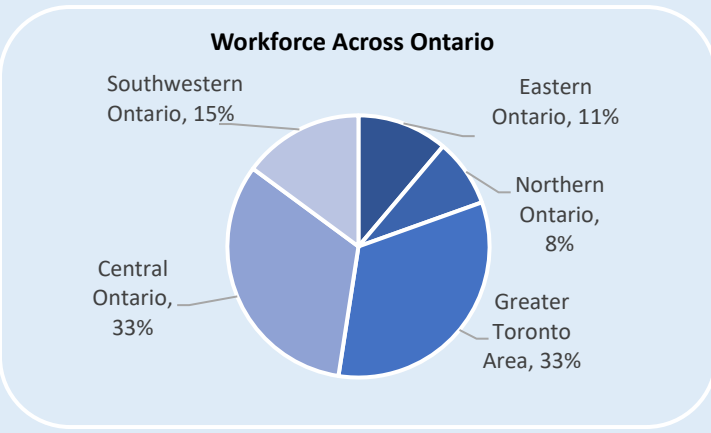
WORKFORCE PROFILE



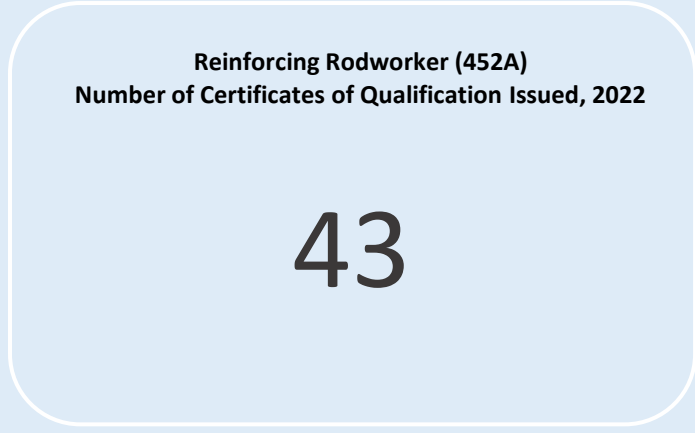
Source: Labour Force Survey – Based on 3,600 Respondents



Source: 2021 Census



Source: 2021 Census



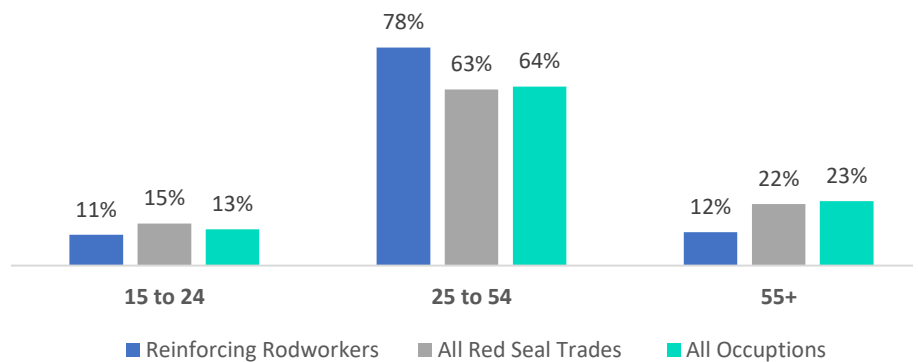
Source: STO Operations Database

AGE PROFILE

Reinforcing Rodworkers have a higher share of core-aged workers (age 25 to 54) compared to other Red Seal trades.






12% of Reinforcing Rodworkers are nearing the age of retirement (age 55 or over). This figure is notably below the share across all Red Seal trades.

Workforce by Age Group



Source: 2021 Census

WORKFORCE DEMOGRAPHICS

		Reinforcing Rodworker	Change from 2016	All Red Seal Trades
Women+		1.7%	+0.2%	13.8%
Immigrants		14.0%	+1.3%	26.2%
Racial Minorities		13.9%	+3.4%	23.3%
Indigenous Peoples		6.6%	+0.1%	3.7%
People with Disabilities		11.8%	+1.8%	13.5%

Source: 2016 Census, 2021 Census

EDUCATION PATHWAY

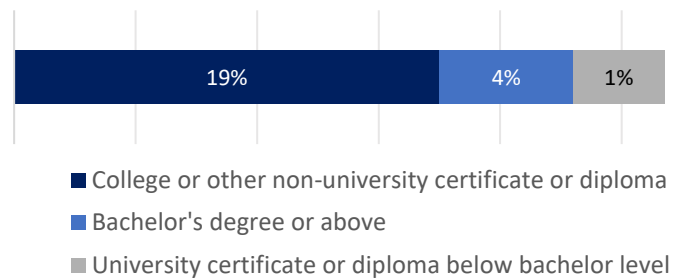
Reinforcing Rodworker is a non-compulsory trade in Ontario, which does not require certification or registration as an apprentice to practice within the province.

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

The apprenticeship program is approximately two and a half years, consisting of 3,640 hours of on-the-job work experience and 2 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 Reinforcing Rodworkers also hold a postsecondary credential.

INCOME

\$30.00 - \$48.66

Hourly Wage Range²

Source: Workforce Planning Ontario. (2023). Labour Market Insights Report: Job Posting Data January to December 2022

\$58,500 - \$94,886

Annual Salary Range²

Source: Workforce Planning Ontario. (2023). Labour Market Insights Report: Job Posting Data January to December 2022

¹ The information in this profile is applicable to all Ironworkers (NOC 72105), which also includes the Ironworker – Generalist (420B), Ironworker -- Structural and Ornamental (420A) and Reinforcing Rodworker (452A) trades.

² 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.

