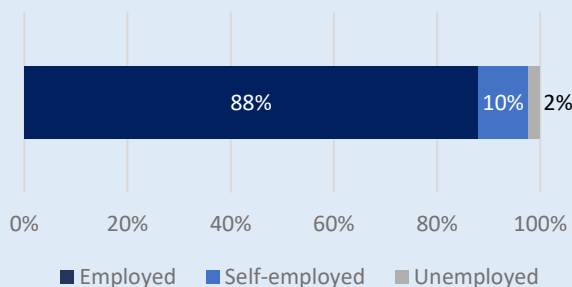


Electrician – Construction and Maintenance (309A)

Construction Electricians¹, lay out, assemble, install, test, troubleshoot and repair electrical wiring, fixtures, control devices and related equipment in buildings and other structures. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

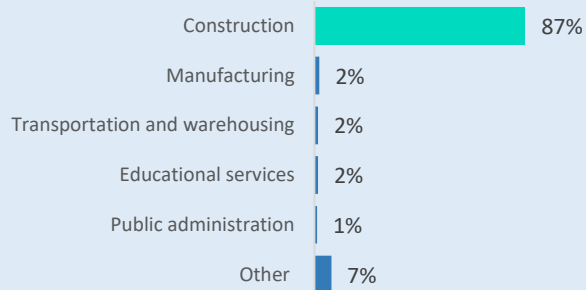
WORKFORCE PROFILE

Ontario's Construction Electrician Workforce, 2022



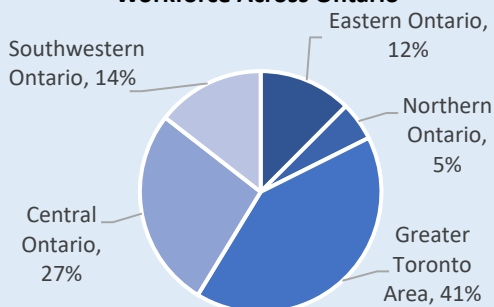
Source: Labour Force Survey – Based on 42,200 Respondents

Where Do Construction Electricians Work?



Source: 2021 Census

Workforce Across Ontario



Source: 2021 Census

Electrician - Construction and Maintenance (309A)
Number of Certificates of Qualification Issued, 2022

2,705

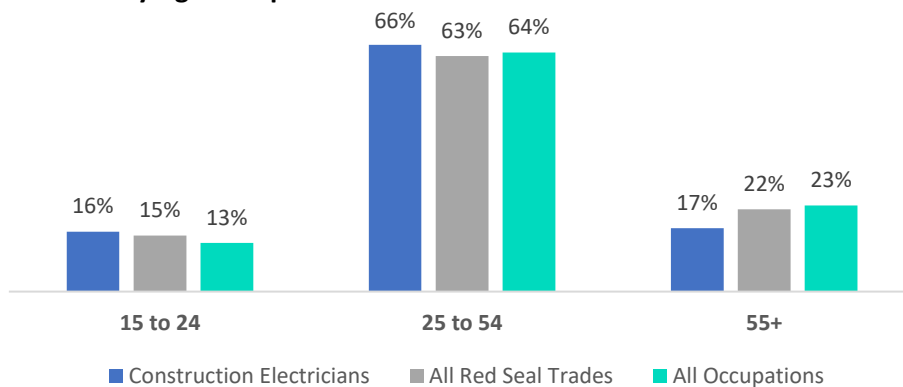
Source: STO Operations Database

AGE PROFILE

Construction Electricians have a younger age demographic compared to the share across Red Seal trades and all occupations.






Just under a fifth (17%) of Construction Electricians are nearing the age of retirement (age 55 or over).

Workforce by Age Group



Source: 2021 Census

WORKFORCE DEMOGRAPHICS

		Construction Electrician	Change from 2016	All Red Seal Trades
Women+		1.6%	+0.4%	13.8%
Immigrants		20.4%	-2.6%	26.2%
Racial Minorities		16.1%	+2.9%	23.3%
Indigenous Peoples		2.6%	+0.0%	3.7%
People with Disabilities		10.0%	+0.5%	13.5%

Source: 2016 Census, 2021 Census

EDUCATION PATHWAY

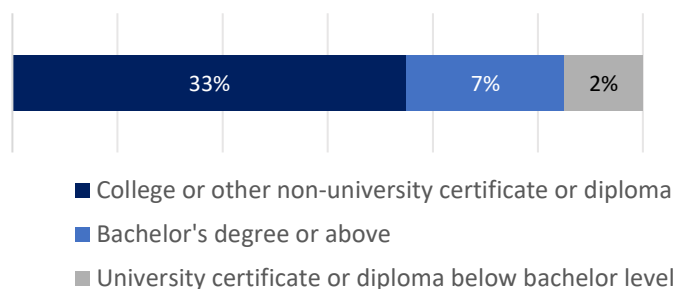
Electrician – Construction and Maintenance is a compulsory trade in Ontario, requiring a Certification of Qualification, a Provisional Certificate of Qualification, or an active registered training agreement to practice within the province.

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

The apprenticeship program is approximately five years, consisting of 8,160 hours of on-the-job work experience and 3 levels of in-school training.²

Source: 2021 Census

Share of Workforce with Postsecondary Credential



In addition to holding a Certificate of Qualification, more than 40% of Construction Electricians hold a postsecondary credential.

INCOME

\$31.00 - \$42.99

Hourly Wage Range³

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

\$60,450 - \$83,830

Annual Salary Range³

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 Electricians (except industrial and power system) (NOC 72200), which includes the Electrician - Construction & Maintenance (309A) and Electrician - Residential and Rural (309C) trades.

² The Updated Electrical Trades' Curriculum Standard will add a level of in-school training and the new curriculum will start to be phased in September 2024.

³ 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.

