

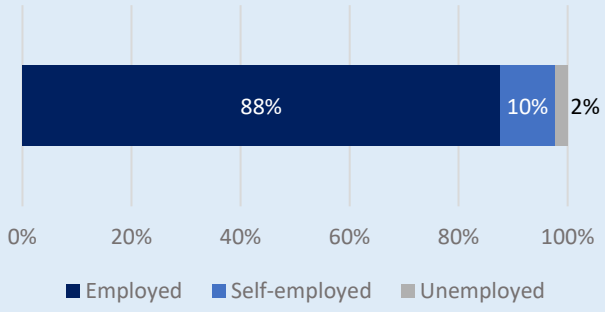
Heavy Duty Equipment Technician (421A)



Heavy Duty Equipment Technicians¹ repair, troubleshoot, adjust, overhaul and maintain mobile heavy-duty equipment used in construction, transportation, forestry, mining, oil and gas, material handling, landscaping, land clearing, farming and similar activities. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

WORKFORCE PROFILE

Ontario's Heavy Duty Equipment Technician Workforce, 2022



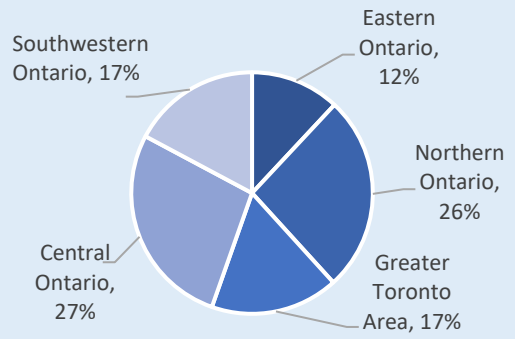
Source: Labour Force Survey – Based on 11,900 Respondents

Where Do Heavy Duty Equipment Technicians Work?



Source: 2021 Census

Workforce Across Ontario



Source: 2021 Census

Heavy Duty Equipment Technician (421A) Number of Certificates of Qualification Issued, 2022

153

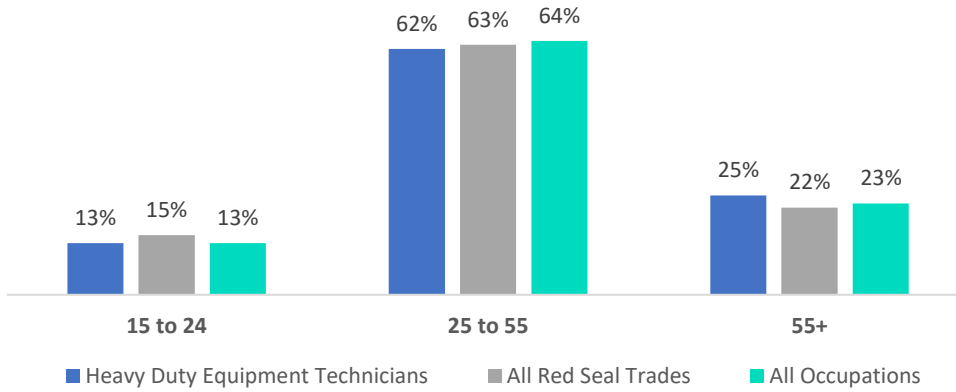
Source: STO Operations Database

AGE PROFILE

Heavy Duty Equipment Technicians have an older age demographic compared to other Red Seal trades.






A quarter of Heavy Duty Equipment Technicians are nearing the age of retirement (age 55 or over).

Workforce by Age Group



Source: 2021 Census

WORKFORCE DEMOGRAPHICS

		Heavy Duty Equipment Technician	Change from 2016	All Red Seal Trades
Women+		0.9%	-0.3%	13.8%
Immigrants		11.2%	-1.5%	26.2%
Racial Minorities		8.6%	+1.9%	23.3%
Indigenous Peoples		5.4%	+0.7%	3.7%
People with Disabilities		15.4%	+3.2%	13.5%

Source: 2016 Census, 2021 Census

EDUCATION PATHWAY

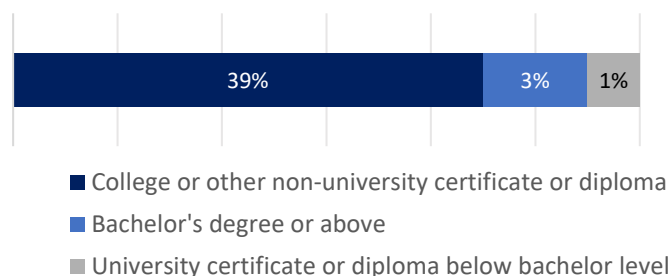
Heavy Duty Equipment Technician is a non-compulsory trade in Ontario, which does not require certification or registration as an apprentice to practice within the province.

A grade 12 education is required to qualify for an apprenticeship.

The apprenticeship program is approximately three and a half years, consisting of 6,280 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, more than 40% of Heavy Duty Equipment Technicians also hold a postsecondary credential.

INCOME

\$30.00 - \$44.00

Hourly Wage Range²

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

\$58,500 - \$85,800

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 Heavy Duty Equipment Mechanics (NOC 72401), which includes the Agricultural Equipment Technician (425A) trade.

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.

