

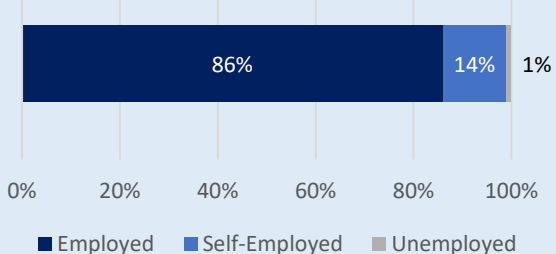
Refrigeration and Air Conditioning Systems Mechanic (313A)



Refrigeration and Air Conditioning Systems Mechanics install, maintain, repair and overhaul residential central air conditioning systems, commercial and industrial refrigeration and air conditioning systems and combined heating, ventilation, and cooling systems. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

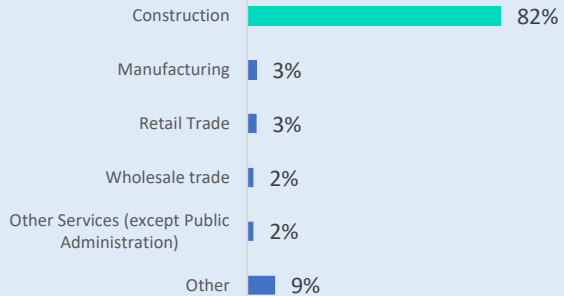
WORKFORCE PROFILE

Ontario's Refrigeration and Air Conditioning Systems Mechanic Workforce, 2022



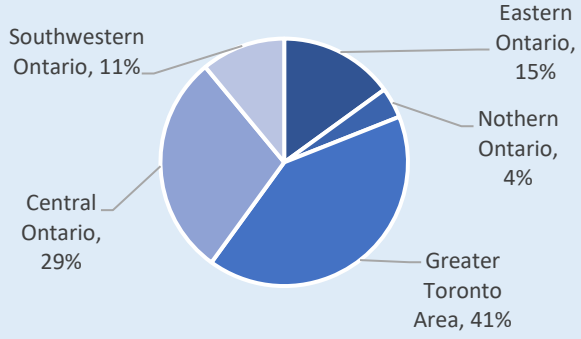
Source: Labour Force Survey – Based on 22,000 Respondents

Where Do Refrigeration and Air Conditioning Systems Mechanics Work?



Source: 2021 Census

Workforce Across Ontario



Source: 2021 Census

Refrigeration and Air Conditioning Systems Mechanic (313A) Number of Certificates of Qualification Issued, 2022

280

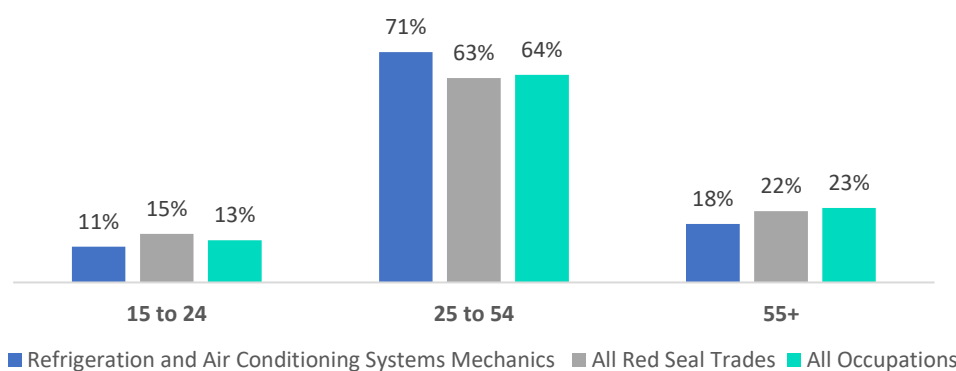
Source: STO Operations Database

AGE PROFILE

The Refrigeration and Air Conditioning System Mechanic workforce has a larger core-aged (aged 25 to 54) demographic than other Red Seal trades.






Approximately one-fifth (18%) of Refrigeration and Air Conditioning Mechanics are nearing retirement (age 55 or over).

Workforce by Age Group



Source: 2021 Census

WORKFORCE DEMOGRAPHICS

| | | Refrigeration and Air Conditioning Systems Mechanic | Change from 2016 | All Red Seal Trades |
|--------------------------|---|---|------------------|---------------------|
| Women+ |  | 1.7% | -0.3% | 13.8% |
| Immigrants |  | 20.9% | +0.9% | 26.2% |
| Racial Minorities |  | 21.6% | +6.5% | 23.3% |
| Indigenous Peoples |  | 2.7% | +1.0% | 3.7% |
| People with Disabilities |  | 10.9% | -0.1% | 13.5% |

Source: 2016 Census, 2021 Census

EDUCATION PATHWAY

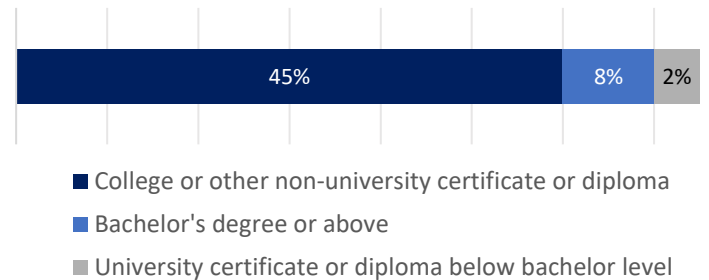
Refrigeration and Air Conditioning Systems Mechanic is a compulsory trade in Ontario, requiring a Certification of Qualification, a Provisional Certificate of Qualification, or an active registered training agreement to practice within the province.

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

The apprenticeship program is approximately five years, consisting of 8,280 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 half of Refrigeration and Air Conditioning Systems Mechanics also hold a postsecondary credential.

INCOME

\$29.74 - \$51.28

Hourly Wage Range¹

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

\$58,000 - \$100,000

Annual Salary Range¹

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

¹ 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.

The information in this report applies to trades/occupations with the National Occupational Code 72402: 313A Refrigeration and Air Conditioning Systems Mechanic.

