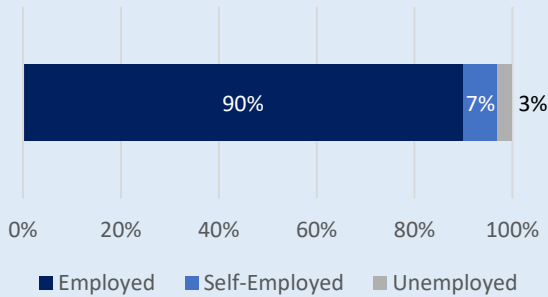


Welders operate welding equipment to weld ferrous and non-ferrous metals. Welders also operate previously set up welding machines such as spot, butt and seam resistance or gas and arc welding machines to fabricate or repair metal parts. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

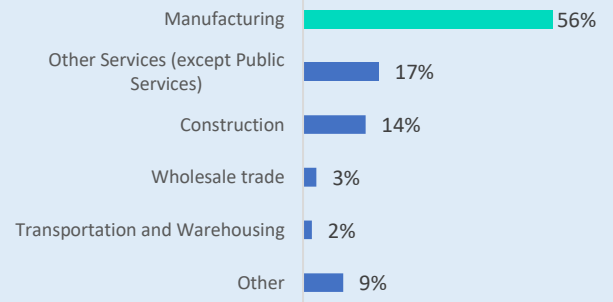
## WORKFORCE PROFILE

Ontario's Welder Workforce, 2022



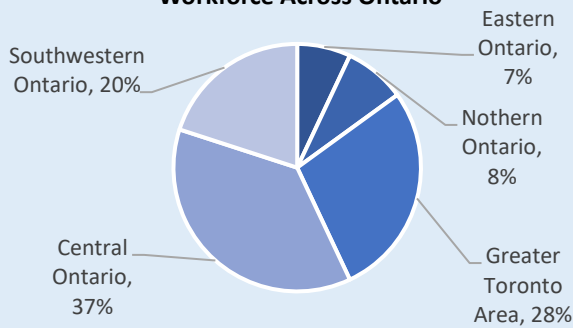
Source: Labour Force Survey – Based on 28,600 Respondents

Where Do Welders Work?



Source: 2021 Census

Workforce Across Ontario



Source: 2021 Census

Welder (456A)  
Number of Certificates of Qualification Issued, 2022

69

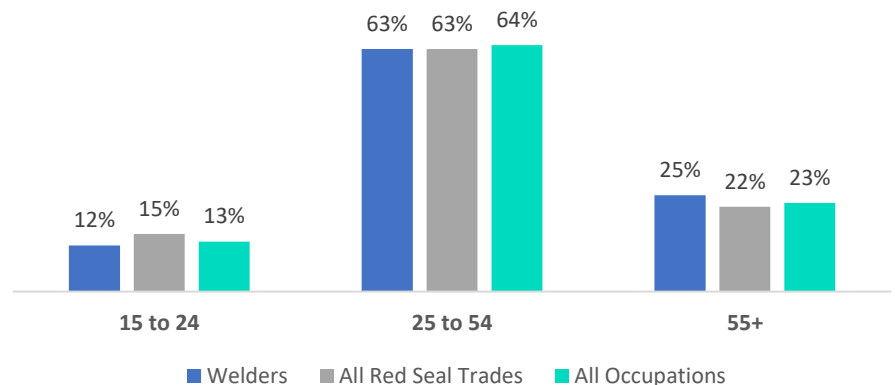
Source: STO Operations Database

## AGE PROFILE

Welders have an age demographic that is comparable to the share across Red Seal Trades.






A quarter of Welders are nearing the age of retirement (age 55 or over).

Workforce by Age Group



Source: 2021 Census

# WORKFORCE DEMOGRAPHICS

		Welder	Change from 2016	All Red Seal Trades
Women+		6.5%	+1.0%	13.8%
Immigrants		30.5%	-2.3%	26.2%
Racial Minorities		28.0%	+4.1%	23.3%
Indigenous Peoples		3.6%	+0.4%	3.7%
People with Disabilities		14.7%	+2.0%	13.5%

Source: 2016 Census, 2021 Census

## EDUCATION PATHWAY

Welder 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 years, consisting of 5,280 hours of on-the-job work experience and 3 levels of in-school training.

Source: 2021 Census

### Share of Workforce with Postsecondary Credential



- College or other non-university certificate or diploma
- Bachelor's degree or above
- University certificate or diploma below bachelor level

In addition to holding a Certificate of Qualification, approximately 30% of Welders also hold a postsecondary credential.

## INCOME

**\$22.00 - \$32.00**

Hourly Wage Range<sup>1</sup>

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

**\$42,900 - \$62,400**

Annual Salary Range<sup>1</sup>

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

<sup>1</sup> 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 72106: 456A Welder.

