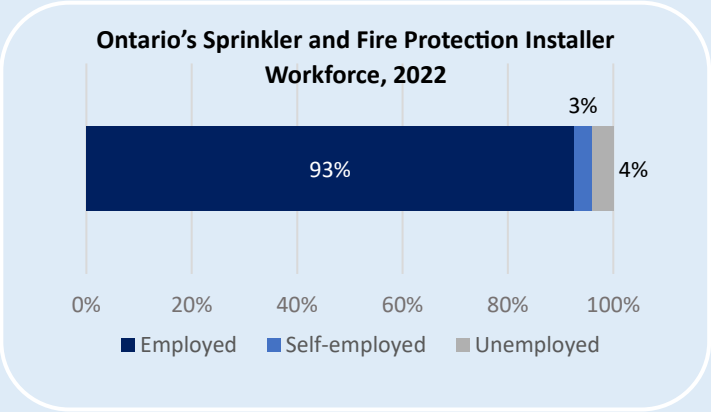


# Sprinkler and Fire Protection Installer (427A)

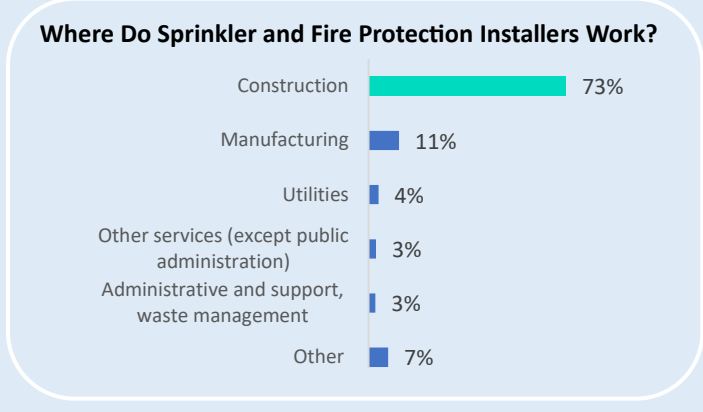


Sprinkler and Fire Protection Installers<sup>1</sup> lay out, install, maintain, modify, inspect, and test fire protection systems, including water-based and speciality fire suppression systems in a variety of environments. For additional information regarding this trade, see the trade's [scope of practice](#), as outlined in Ontario Regulation 875/21.

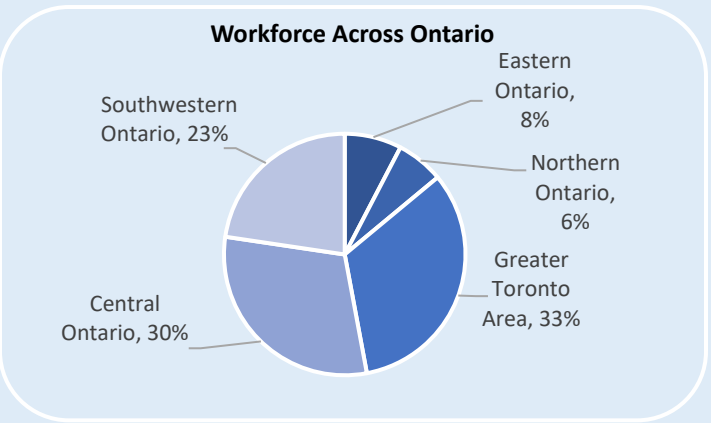
## WORKFORCE PROFILE



Source: Labour Force Survey – Based on 7,400 Respondents



Source: 2021 Census



Source: 2021 Census

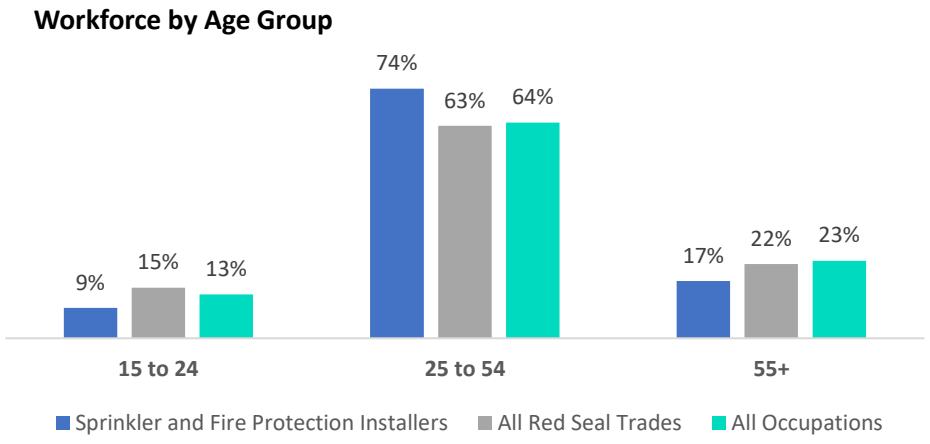


Source: STO Operations Database

## AGE PROFILE






Sprinkler and Fire Protection Installers have a larger core-aged (25 to 54) workforce compared to other Red Seal trades.

Nearly a fifth of Fire and Protection Installers are nearing the age of retirement (age 55 or over).



Source: 2021 Census

# WORKFORCE DEMOGRAPHICS

		Sprinkler and Fire Protection Installer	Change from 2016	All Red Seal Trades
Women+		1.4%	+0.3%	13.8%
Immigrants		9.1%	-1.8%	26.2%
Racial Minorities		8.7%	+3.0%	23.3%
Indigenous Peoples		3.7%	+0.3%	3.7%
People with Disabilities		10.8%	+0.1%	13.5%

Source: 2016 Census, 2021 Census

## EDUCATION PATHWAY

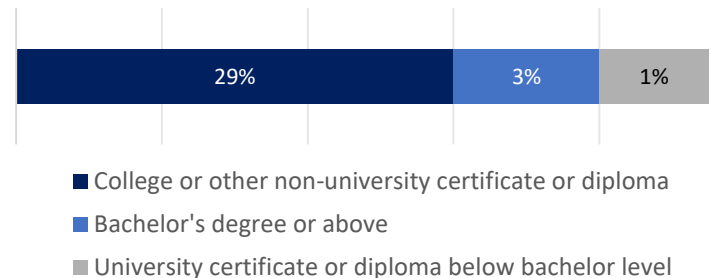
Sprinkler and Fire Protection Installer is a compulsory trade in Ontario, requiring a Certification of Qualification, a Provisional Certificate of Qualification, or an active registered training agreement to practice within the province.

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

The apprenticeship program is approximately four years, consisting of 6,480 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 30% of Sprinkler and Fire Protection Installers also hold a postsecondary credential.

## INCOME

**\$27.69 - \$45.00**

Hourly Wage Range<sup>2</sup>

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

**\$54,000 - \$87,750**

Annual Salary Range<sup>2</sup>

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

<sup>1</sup> The information in this profile is applicable to all Steamfitters, pipefitters, and sprinkler system installers (NOC 72301), which includes both the Steamfitter (307A) and the Sprinkler and Fire Protection Installer (427A) trades.

<sup>2</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.

