

**OCCUPATION
HIGHLIGHTS**

#4 OCCUPATION IN THE
CONSTRUCTION
SECTOR
(7% of all jobs in the sector)

Number of jobs 2017
191

CHANGE IN # OF JOBS
2016 - 2017
↓ **7%**

Median Earnings (2017)
\$29.38/hr

Earnings Range (2017)
\$18.60/hr → \$40.74/hr

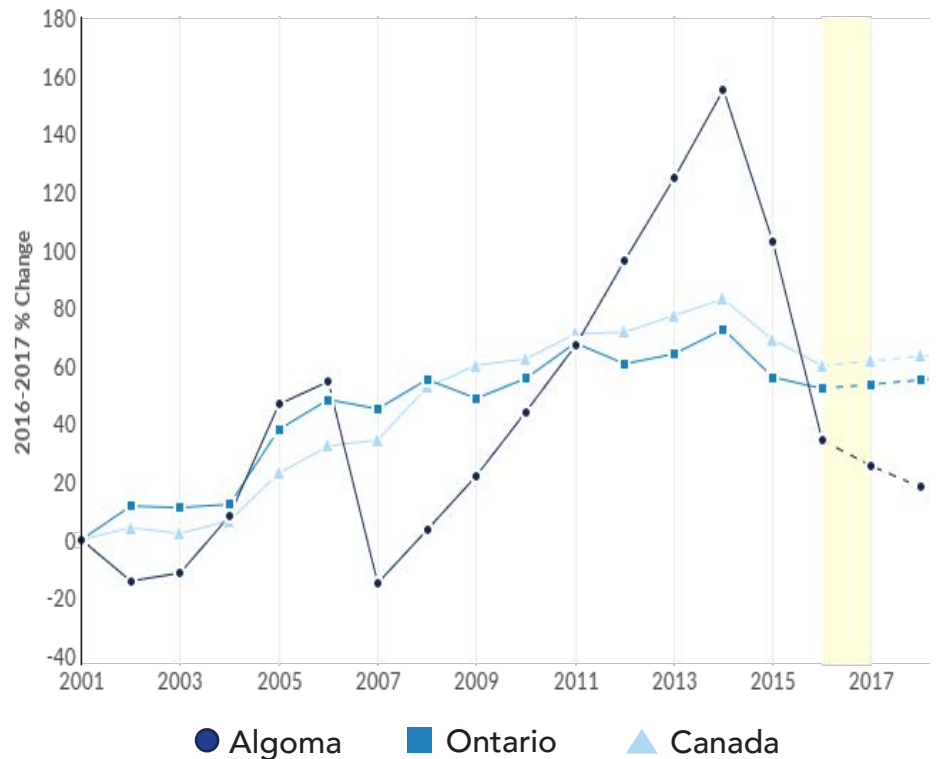
Aging Workforce
37% Over the age of 45

Gender

3% Female 97% Male

**ELECTRICIANS (EXCEPT INDUSTRIAL
AND POWER SYSTEM)
NOC 7241**
Electricians

Electricians in this unit group lay out, assemble, install, test, troubleshoot and repair electrical wiring, fixtures, control devices and related equipment in buildings and other structures. They are employed by electrical contractors and maintenance departments of buildings and other establishments, or they may be self-employed.

Employment Trends


REGION	2016 JOBS	2017 JOBS	CHANGE	% CHANGE 2016 - 2017	MEDIAN HOURLY EARNINGS
Algoma	205	191	-14	-7%	\$29.38
Ontario	26,365	26,612	247	1%	\$28.85
Canada	78,355	79,124	769	1%	\$29.36

Job Titles

- Apprentice electrician
- Construction electrician
- Construction electrician apprentice
- Domestic and rural electrician
- Electrician

INDUSTRIES OF EMPLOYMENT	
BUILDING EQUIPMENT CONTRACTORS	70%
GENERAL MEDICAL AND SURGICAL HOSPITALS	4%
ELEMENTARY AND SECONDARY SCHOOLS	3%
OTHER SPECIALTY TRADE CONTRACTORS	3%
LOCAL, MUNICIPAL AND REGIONAL PUBLIC ADMINISTRATION	2%

What Are The Typical Job Duties?

- Read and interpret drawings, circuit diagrams and electrical code specifications to determine wiring layouts for new or existing installations
- Pull wire through conduits and through holes in walls and floors
- Install brackets and hangers to support electrical equipment
- Install, replace and repair lighting fixtures and electrical control and distribution equipment, such as switches, relays and circuit breaker panels
- Splice, join and connect wire to fixtures and components to form circuits
- Test continuity of circuits using test equipment to ensure compatibility and safety of system, following installation, replacement or repair
- Troubleshoot and isolate faults in electrical and electronic systems and remove and replace faulty components
- Connect electrical power to audio and visual communication equipment, signalling devices and heating and cooling systems
- Conduct preventive maintenance programs and keep maintenance records

Campus Based Courses Available In Algoma

- Pre Trades & Technology (Sault College)
- Electrical Engineering Technician - Power Generation, Process Automation and Trades (Sault College)

Electricians In Algoma

REGION	2016 JOBS	2017 JOBS	2016 - 2017 CHANGE	2016 - 2017 % CHANGE
Sault Ste. Marie	182	169	-13	-7%
Huron Shores	<10	<10	-	-
White River	<10	<10	-	-
Macdonald, Meredith and Aberdeen Additional	<10	<10	-	-