



Your Local Employment Planning Council

Occupation Report

Industrial electricians **NOC 7242**

Ottawa, Ontario, & Canada (2014-2019)
3-year historical data & forecasted growth

Updated July 2017

Industrial electricians

Ottawa Outlook

NOC 7242

Limited ★ Fair ★★ Good ★★★

Based on past and forecasted growth.

A Local Snapshot

- Employment in this occupation **increased significantly in Ottawa from 2014 to 2016 (80.8%)**; it is forecast to **grow an additional 12.8%** over the next three years.
- **25.0%** were **unemployed in Ottawa in 2011**; **none** of those in this occupation are **self-employed**.
- **Median hourly wage** for this occupation was **\$32.78**.
- **12.7%** of the 2016 jobs were in the **Building equipment contractors** industry sector.
- Ottawa has a **significantly lower share of this occupation** than the nation.
- **Provincially**, this occupation showed a net increase from 2014 to 2016 (**27.5%**); it is expected grow over the next three years (**8.8%**).

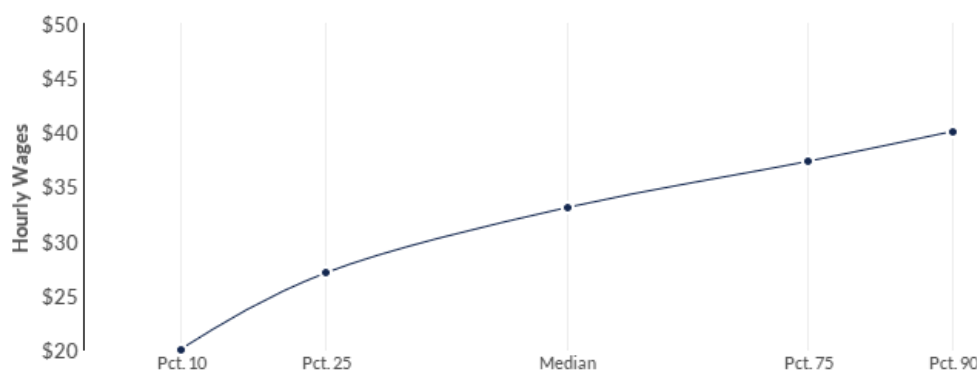
Overview

Ottawa Jobs (2016)	141 (<i>None were self-employed</i>)		
2011 Ottawa Unemployment Rate	25.0%	Ontario	5.0%
Location Quotient to Nation (2016)	0.14		
Change in Jobs (2014 - 2016)	80.8%	(2016 - 2019)	12.8%

NOTE: Location quotient (LQ) is a way of quantifying how concentrated a particular occupation is in a region compared to the nation or province. A quotient of 1.00 means Ottawa has the same share of the occupation as the nation/province. A quotient higher than 1.00 means Ottawa has a greater share, and lower than 1.00 means Ottawa's share is lower than the average.

OTTAWA | Percentile Earnings (*not including self-employed*)

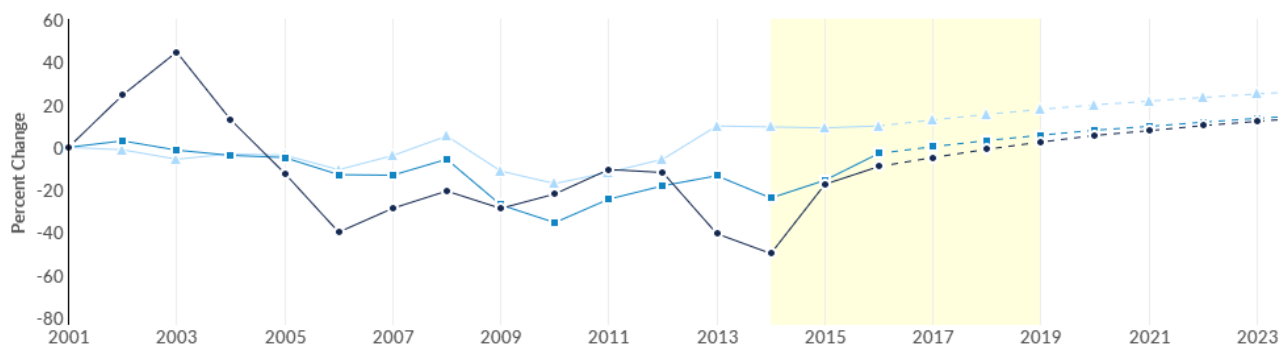
\$26.82/hr	\$32.78/hr	\$37.00/hr
25th Percentile Earnings	Median Earnings	75th Percentile Earnings



Ottawa | Growth

78 2014 Jobs	159 2019 Jobs	81 Change (2014-2019)	103.8% % Change (2014-2019)
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Regional Trends



Region	2014 Jobs	2019 Jobs	Change	% Change
● Ottawa	78	159	81	103.8%
● Ontario	9,488	13,163	3,675	38.7%
● Canada	31,678	34,056	2,378	7.5%

	Ottawa	Ontario	Canada
2014 Jobs	78	9,488	31,678
2015 Jobs	128	10,528	31,544
2016 Jobs	141	12,099	31,816
2017 Jobs	148	12,489	32,627
2018 Jobs	154	12,851	33,393
2019 Jobs	159	13,163	34,056

Ottawa | Industries Employing this Occupation

Industry	Occupation Jobs in Industry (2016)	% of Occupation in Industry (2016)	% of Total Jobs in Industry (2016)
Building equipment contractors	18	12.7%	0.2%
Non-residential building construction	<10	6.6%	0.3%
Business, professional, labour and other membership organizations	<10	3.1%	0.0%
Printing and related support activities	<10	2.7%	0.1%
Other specialty trade contractors	<10	2.5%	0.2%

NOTE: Inverse staffing patterns provides a table of percentages that shows how regional occupations are divided up among regional industries. For example, an inverse staffing pattern for registered nurses may show that 70% of RNs are employed by hospitals, 10% by local government (i.e., public schools), 10% by nursing homes, and 10% by offices of physicians.

Educational programs and completions in Ottawa (public institutions only)

2 Programs (2014)		71 Completions (2014)
CIP Code	Program	Completions (2014)
46.03	Electrical and power transmission installers	71
47.01	Electrical/electronics maintenance and repair technology	0

NOTE: EMSI Analyst uses Statistics Canada's PSIS data to compile completions for postsecondary programs offered in Canada, classified by the 2011 CIP codes. 2014 data includes those who graduated in spring 2015.

Other Considerations

LICENSURE/OTHER REQUIREMENTS FOR ONTARIO: None required (**not** a regulated profession)

NOTE: Workers in regulated occupations require a licence to work legally. Workers in non-regulated occupations do not require a licence, but employers may have other certification requirements.

CANADIAN LANGUAGE BENCHMARKS: N/A

[Career Map for Internationally Trained Professionals](#) – Explains every step of the registration process, including language requirements, industry trends, labour market conditions, credential assessment process, licensing fees and other important information.

Links to Additional Occupational Information

[Ontario Job Futures](#) – NOC 7242 Industrial electricians

[GOC Job Bank](#) – Cites outlook information for Canada; also shows job postings and wage information for Ottawa.

[Statistics Canada - Occupation information for NOC 7242](#)

[Ontario Skills Passport - Skills profile for Industrial electricians](#) – Note that this website categorizes occupations using the NOC 2006 classification system; as such, occupation titles may not match the titles used by the NOC 2011 system.

About EMSI Occupational data

Economic Modeling Specialists Inc. (EMSI) amalgamates information from several data sources in order to produce its occupation counts:

- Canadian Business Patterns (CBP) – *Updated December 2016*
- Census – *2006 and 2011*
- Survey of Employment, Payrolls and Hours (SEPH) – *Updated monthly*
- Labour Force Survey (LFS) – *Updated monthly*
- Canadian Occupational Projection System (COPS) – *Latest projections cover 2014-2024*
- Demographic CANSIM tables – *Various updates*
- Postsecondary Student Information System (PSIS) - *Updated annually; 2014/15 data available now*

Information from these sources is combined into a dataset that is updated twice annually by EMSI; the latest release came in the Spring of 2017 and these reports reflect actuals and projections based on that data. Detailed occupation data is based primarily on industry staffing patterns collected by the SEPH, which surveys businesses and is considered more reliable than the LFS, which surveys individuals.

NOTE: In 2016, EMSI Analyst switched from the NOC-S 2006 occupation classification system to the NOC 2011 occupation classification system. Some occupation titles and groupings have been modified slightly as a result; all historical data has been adjusted to match the NOC 2011 classification system.

*Should you have any further questions about the data in this report, please contact **Ottawa Employment Hub** at **613-727-4723 X6873** or info@OttawaEmploymentHub.ca.*