



Your Local Employment Planning Council

Occupation Report

Electrical power line and cable workers NOC 7244

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

Updated July 2017



NOTE: EMSI recommends taking occupation data below 500 jobs with “a grain of salt” because of source data sampling sizes; therefore, outlook also considers Ontario data.

Electrical power line and cable workers

Ottawa Outlook

NOC 7244

Limited ★ Fair ★★ Good ★★★

Based on past and forecasted growth.

A Local Snapshot

- Employment in this occupation **increased in Ottawa from 2014 to 2016 (65.6%)**; it is forecast to **grow an additional 14.9%** over the next three years.
- **None** were unemployed in Ottawa in 2011; none of those in this occupation are self-employed.
- **Median hourly wage** for this occupation was **\$34.65**.
- **38.3%** of the 2016 jobs were in the **Electric power generation, transmission and distribution** industry sector.
- Ottawa has a **significantly lower share of this occupation** than the nation.
- **Provincially**, this occupation showed an increase from 2014 to 2016 (**3.6%**); it is expected to grow over the next three years (**6.5%**).

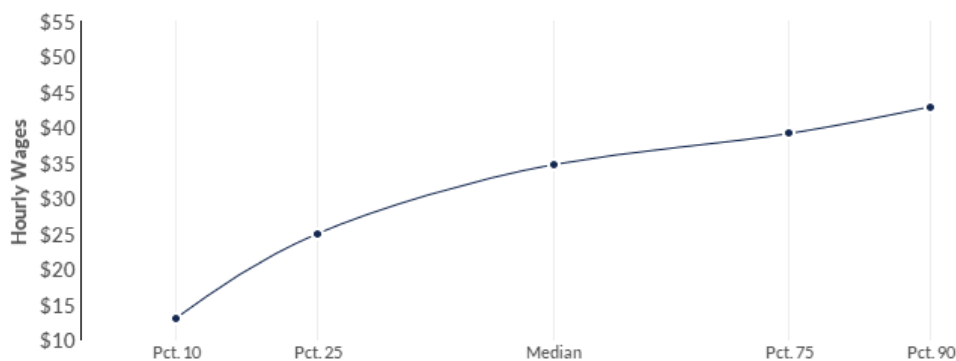
Overview

Ottawa Jobs (2016)	404 (None were self-employed)		
2011 Ottawa Unemployment Rate	0.0%	Ontario	2.5%
Location Quotient to Nation (2016)	0.87		
Change in Jobs (2014 - 2016)	65.6%	(2016 - 2019)	14.9%

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)

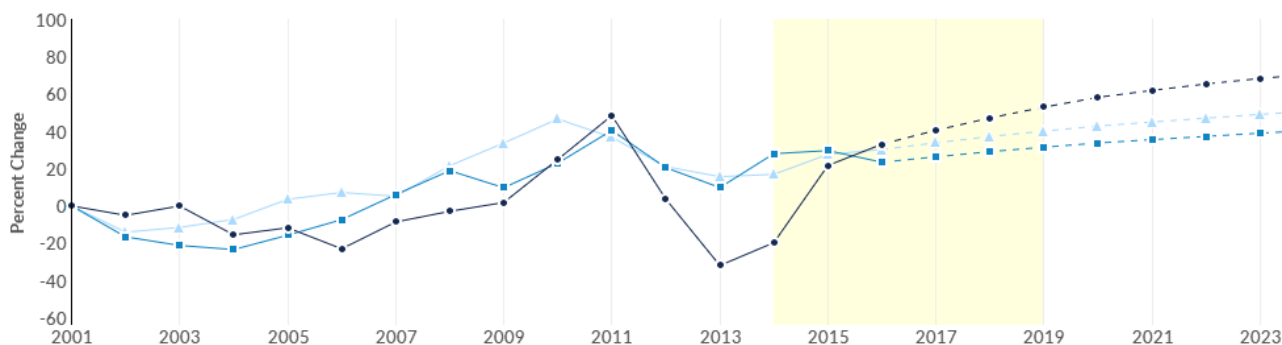
\$24.90/hr	\$34.65/hr	\$39.04/hr
25th Percentile Earnings	Median Earnings	75th Percentile Earnings



Ottawa | Growth

244 2014 Jobs	464 2019 Jobs	220 Change (2014-2019)	90.2% % Change (2014-2019)
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Regional Trends



Region	2014 Jobs	2019 Jobs	Change	% Change
● Ottawa	244	464	220	90.2%
● Ontario	4,931	5,066	135	2.7%
● Canada	13,125	15,729	2,604	19.8%

	Ottawa	Ontario	Canada
2014 Jobs	244	4,931	13,125
2015 Jobs	369	4,996	14,325
2016 Jobs	404	4,755	14,622
2017 Jobs	427	4,867	15,025
2018 Jobs	447	4,974	15,402
2019 Jobs	464	5,066	15,729

Ottawa | Industries Employing this Occupation

Industry	Occupation Jobs in Industry (2016)	% of Occupation in Industry (2016)	% of Total Jobs in Industry (2016)
Electric power generation, transmission and distribution	155	38.3%	16.3%
Defence services	73	18.0%	0.5%
Utility system construction	72	17.7%	7.3%
Building equipment contractors	56	13.9%	0.6%
Local, municipal and regional public administration	12	3.0%	0.1%

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)

1 Programs (2014)		71 Completions (2014)
CIP Code	Program	Completions (2014)
46.03	Electrical and power transmission installers	71

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

Links to Additional Occupational Information

[Ontario Job Futures](#) – NOC 7244 Electrical power line and cable workers

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

[Statistics Canada - Occupation information for NOC 7244](#)

[Ontario Skills Passport - Skills profile for Electrical power line and cable workers](#) – 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.*