



L.M.I. Newsletter

Labour Market Information

OCCUPATIONS DESCRIPTION

2.1 CONSTRUCTION MILLWRIGHTS AND INDUSTRIAL MECHANICS
 Construction millwrights and industrial mechanics install, maintain, troubleshoot, overhaul and repair stationary industrial machinery and mechanical equipment. Construction millwrights are employed by millwrighting contractors. Industrial mechanics are employed in manufacturing plants, utilities and other industrial establishments.

Education/Training:
 Completion of a three to four-year apprenticeship program.

2.2 CONSTRUCTION ESTIMATORS
 Construction estimators analyze costs of, and prepare estimates on civil engineering, architectural, structural, electrical and mechanical construction projects. They are employed by residential, commercial and industrial construction companies and major electrical, mechanical and trade contractors, or they may be self-employed.

Education/Training:
 Completion of a three-year college program in civil or construction engineering technology

Feature

In-demand Construction Jobs 2014-2023

This month's LMI Newsletter takes a look at the projected in-demand jobs for construction and maintenance. Table 1 below shows the projected in-demand occupations as indicated across the country. Hourly wages are included for these occupations based on national data.

The demand occupations and wages will vary by region.

The data does not include the territories (Nunavut, Northwest Territories, and Yukon).

Provinces and territories of Canada

Table: 1

Trades and Occupations In-Demand 2014-2023 ¹ (National) <i>Listed by Demand</i>	Current 2014 Wages (\$/hr) ²		
	Low	Median	High
Construction millwrights and industrial mechanics	\$ 17.00	\$ 27.00	\$ 40.00
Contractors and supervisors	\$ 19.23	\$ 35.00	\$ 60.00
Boilermakers	\$ 24.76	\$ 36.40	\$ 43.00
Elevator constructors and mechanics	\$ 18.03	\$ 37.00	\$ 49.00
Crane operators	\$ 18.25	\$ 29.76	\$ 41.21
Construction managers	\$ 19.23	\$ 35.00	\$ 60.00
Steamfitters, pipefitters and sprinkler system installers	\$ 19.00	\$ 32.65	\$ 43.00
Residential home builders and renovators	\$ 13.94	\$ 17.50	\$ 25.00
Ironworkers and structural metal fabricators and fitters	\$ 18.00	\$ 30.00	\$ 39.46
Industrial instrument technicians and mechanics	\$ 22.00	\$ 35.00	\$ 51.44
Plumbers	\$ 15.00	\$ 25.80	\$ 37.50
Gas fitters	\$ 18.00	\$ 28.00	\$ 38.00
Construction estimators	\$ 18.75	\$ 30.00	\$ 44.67
Heavy equipment operators (except crane)	\$ 16.00	\$ 25.00	\$ 34.25
Insulators	\$ 16.00	\$ 26.58	\$ 38.00
Heavy-duty equipment mechanics	\$ 16.00	\$ 26.40	\$ 40.00
Roofers and shinglers	\$ 13.50	\$ 22.00	\$ 34.85
Refrigeration and air conditioning mechanics	\$ 15.50	\$ 28.00	\$ 40.00
Truck drivers	\$ 13.48	\$ 20.00	\$ 30.68
Electricians (including industrial and power system)	\$ 19.67	\$ 30.00	\$ 42.00

Sources: ¹“Construction and Maintenance Looking Forward, 2014-2023”, BuildForce Canada; ²“Working in Canada”, Job Bank, Government of Canada

Monthly Labour Force Information for Reference Week of September 14 to 20, 2014

	Canada	Ontario	Brantford CMA	Hamilton CMA	St.Catharines/Niagara CMA
Participation Rate	66.0% -	65.9% -	65.4% ↓	64.9% ↑	61.3% -
Unemployment Rate	6.8% ↓	7.1% ↓	6.7% ↑	6.0% ↓	7.3% ↓
Employment Rate	61.5% ↑	61.2% ↑	61.0% ↓	61.1% ↑	56.8% ↑

Source: Statistics Canada, Labour Force Survey, released October 10, 2014

The demand for any occupation can vary between regions. In Ontario the top five occupations in demand are:

1. Boilermakers
2. Construction millwrights and industrial mechanics
3. Steamfitters, pipefitters and sprinkler system installers
4. Contractors and supervisors
5. Construction managers

Industrial instrument technicians and mechanics may be in-demand across the country, it is however not an occupation that is experiencing a shortfall in Ontario. This occupation is projected to have excellent opportunities in Alberta and good in Quebec.

Overall construction employment demand is strongest in Alberta throughout 2013 to 2023. Ontario is projected to require more skilled labour during 2015 to 2017 which afterwards some of the occupations will have a surplus of workers.

Saskatchewan experienced a shortage of workers among almost all trades in 2013, this is expected to bounce around between surpluses and shortages though to 2023.

British Columbia is expected to have a severe shortage of Boilermakers; and Construction millwrights and industrial mechanics; as well as Steamfitters, pipefitters and sprinkler system installers between 2014 to 2016, while almost all other trades in BC may have shortfall 2016 to 2017.

New Brunswick requires more trades people from 2016 to 2018 with a severe shortage in most trades in 2017. While Newfoundland Labrador's shortage of workers in 2013 to 2014 is projected to turn over completely from 2015 to 2019 with having too many people for available jobs.

More detailed information available on this subject, please contact GREAT's labour market analyst.

ABOUT THE DATA

What the Symbols represent:

- Increase Good = ↑ Bad = ↑
- Decrease Good = ↓ Bad = ↓
- No change = -

SIX NATIONS EMPLOYERS - COUNT YOURSELF IN

There is an estimated 350 businesses on reserve whose participation in this survey is mutually beneficial to employer and worker. Plan to be a part of the annual EmployerONE Survey. By participating you will assist your local service providers in the development of a skilled workforce to meet your needs, here within the community.

MAKING IT BETTER

If you have a questions about the information provided in this newsletter or if you would like to know more about a specific topic, please email to paul@greatsn.com

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Table: 2

Ontario's Top 5 Occupations "In-Demand" Rankings	2014	2015	2016	2017	2018
Boilermakers	4	4	4	4	3
Construction millwrights and industrial mechanics	4	4	4	4	3
Steamfitters, pipefitters and sprinkler system installers	4	4	4	4	3
Contractors and supervisors	3	3	4	4	3
Construction managers	2	3	4	4	3

- 2 Workers meeting employer qualifications are available to meet demands.
- 3 Available workers meeting employer qualifications may be limited by large projects.
- 4 Workers meeting employer qualifications are available are generally not available locally.