



A Profile of the **UTILITIES SECTOR IN NEW BRUNSWICK**

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NBjobs.ca

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Note: This profile includes data from a variety of sources that use different methodologies and are subject to periodic retroactive revisions. As a result, data from one source may not match with data from other datasets. Information about the sources and methodologies used are available upon request. In some instances source data points have been suppressed. Where this occurs, the data values presented have been inferred from non-suppressed data. Also, some totals may not equal the sum of their components due to rounding.

Sector Definition

The Utilities sector consists of establishments that are primarily engaged in operating electric, gas and water utilities. These establishments generate, transmit, control and distribute electric power; distribute natural gas; treat and distribute water; operate sewer systems and sewage treatment facilities; and provide related services, generally through a permanent infrastructure of lines, pipes and treatment and processing facilities.

The scope of this profile includes North American Industry Classification System (NAICS 2017) sector 22.

Legend



Utilities sector



All sectors



Male



New Brunswick



Canada



Female

Current Business Environment

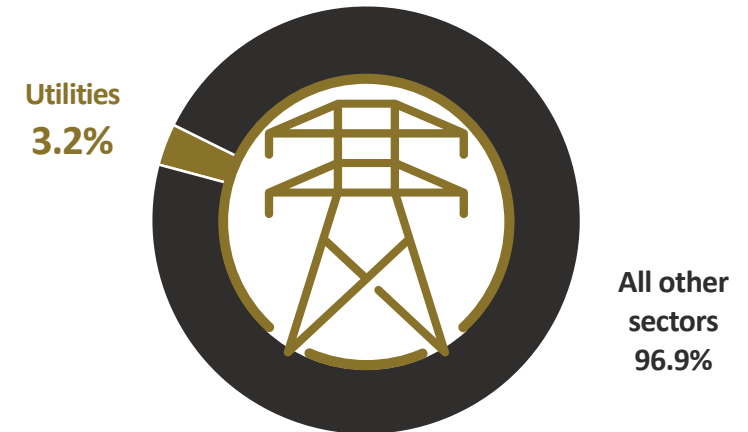
GDP* and Productivity

In 2018:

- The Utilities sector represented 3.2% of New Brunswick's (NB) GDP, contributing \$1.2 billion (chained 2012 dollars)^{1, 2}
- NB Labour Productivity^{2, 3} (a measure of productivity based on GDP per hour worked in the sector):
 - This sector – \$194.89 output per hour of work (chained 2012 dollars)
 - Average of all sectors – \$47.57 output per hour of work (chained 2012 dollars)

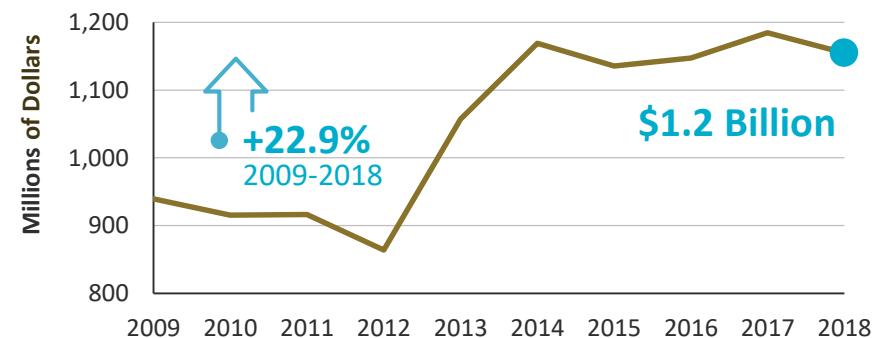
* Gross Domestic Product

Proportion of GDP in NB: 2018¹
Utilities Sector



Real GDP²
NB Utilities Sector

(at Basic Prices, Chained 2012 Dollars)



Employment in New Brunswick

In 2018:

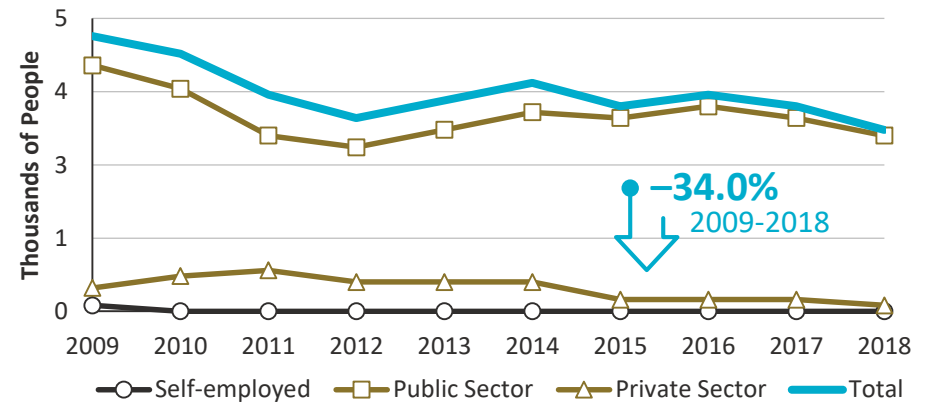
- 3,100 were employed in the NB Utilities sector (*≈100% full-time*)⁴
- Unemployment was near zero⁴
- 0.9% of all employed in NB worked in this sector⁴
- 74.2% of employees in this NB sector were part of a union and/or covered by a collective agreement – versus 29.8% of all employees in the Province⁵



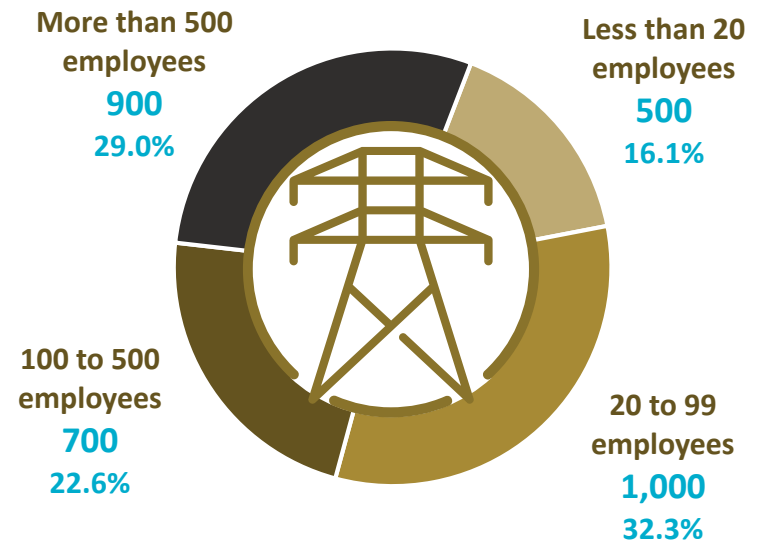
NB Unemployment Rate: 2018⁴ Utilities Sector vs All Sectors



Employment: 2009-2018⁶ NB Utilities Sector



Employment by Size of Employer: 2018⁷ NB Utilities Sector



*This chart does not include the self-employed.

Human Resources Profile

Demographics

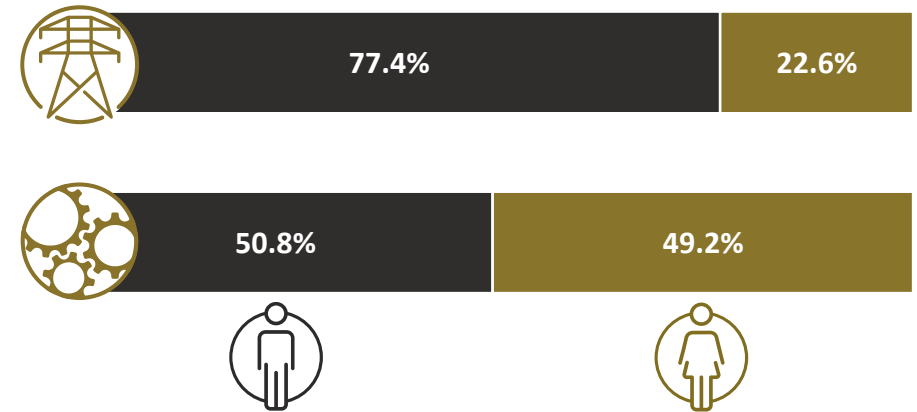
In 2018:

- 3,100 people were part of the labour force in the NB Utilities sector, of which 3,100 were employed⁴

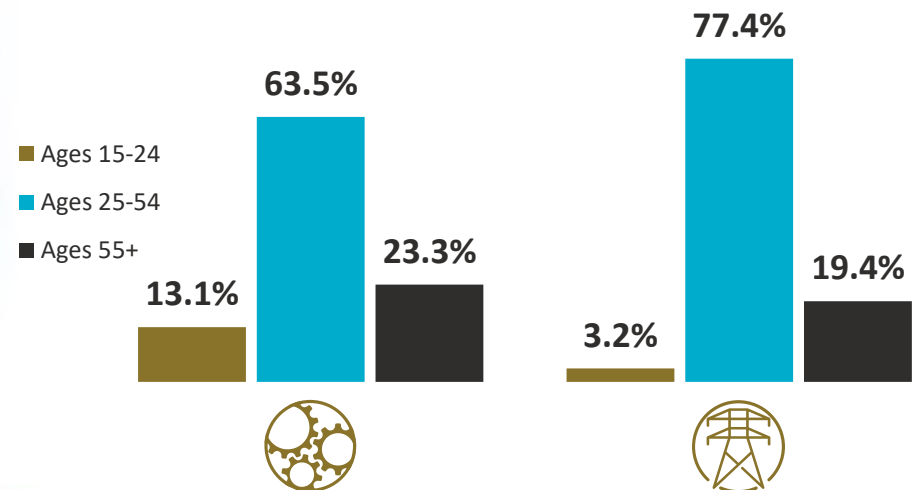
From 2009 to 2018:

- The percentage of females employed in the sector decreased from 23.4% to 22.6%⁴
- The percentage of workers employed in this sector:⁴
 - Ages 15-24 decreased 5.3 percentage points
 - Ages 25-54 increased 0.8 percentage points
 - Ages 55 and over increased 4.5 percentage points

NB Employment by Sex: 2018⁴ Utilities Sector vs All Sectors



NB Employment Age Distribution: 2018⁴ Utilities Sector vs All Sectors



Major Occupations

In 2018:

- 30.3% of those working in the NB Utilities sector worked in one of the five National Occupation Code (NOC) occupations listed in the table to the right⁸
- These 1,100 employees represented 0.3% of all employed in NB⁸



Major Occupations: 2018 ⁸ NB Utilities Sector		
Occupation	Employed	NOC
Power engineers and power systems operators	400	9241
Electrical power line and cable workers	300	7244
Electrical and electronics engineers	200	2133
Supervisors, petroleum, gas and chemical processing and utilities	100	9212
Construction millwrights and industrial mechanics	100	7311

Wage and Salary Information

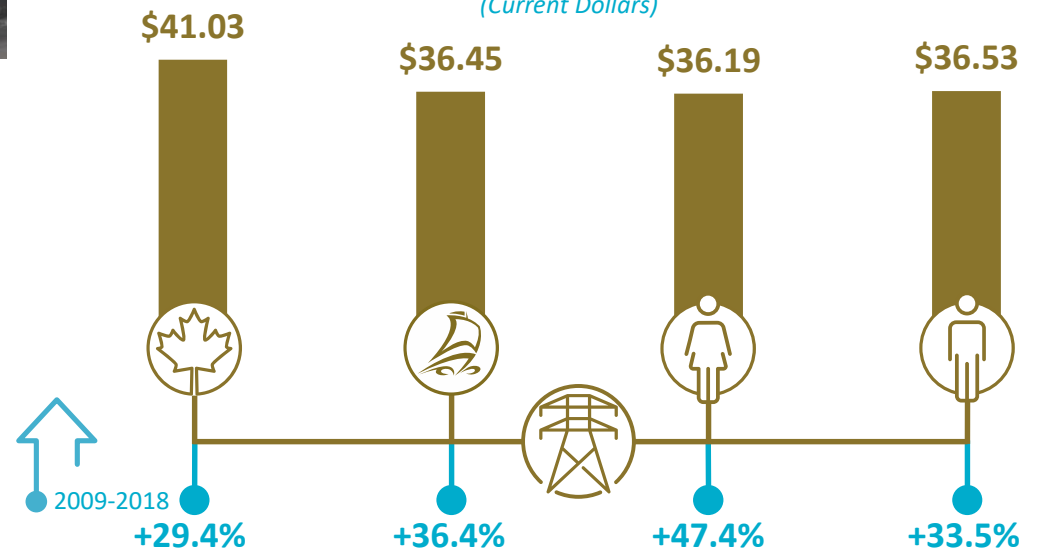
In 2018:

- The average wage in the NB Utilities sector (\$36.45) was greater than the average NB wage across all sectors (\$22.89)⁹

From 2009 to 2018:

- The relative change in the sector's average wage (+36.4%) was greater than the relative change in the average NB wage across all sectors (+22.4%)⁹

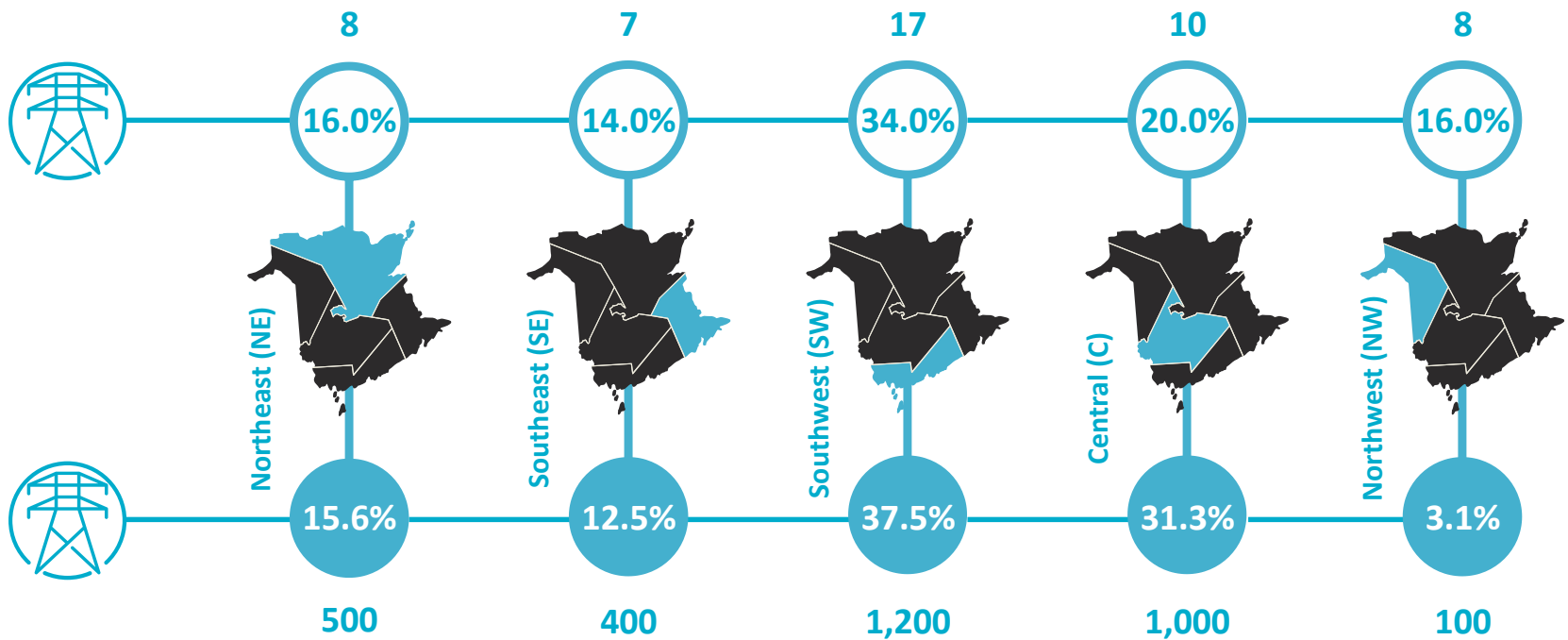
Average Hourly Wage: 2018⁹ Utilities Sector (Current Dollars)



Regional Highlights

Employers

Regional Distribution: 2018¹⁰



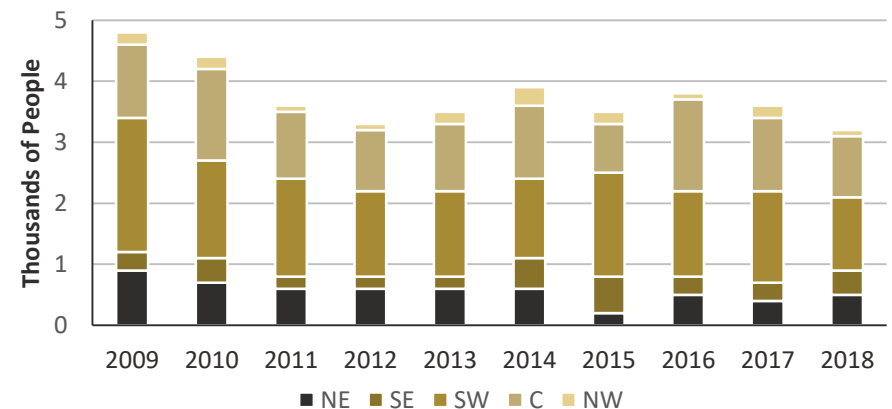
Employed

Regional Distribution: 2018¹¹

**Number of Regional Employers by Employment Size: 2018¹⁰
NB Utilities Sector**

Region	1-9	10-49	50-199	200+	Total
NE	3	4	1	0	8
SE	3	3	1	0	7
SW	4	8	4	1	17
C	2	2	5	1	10
NW	6	2	0	0	8
Unknown	1	0	0	0	1
TOTAL	19	19	11	2	51

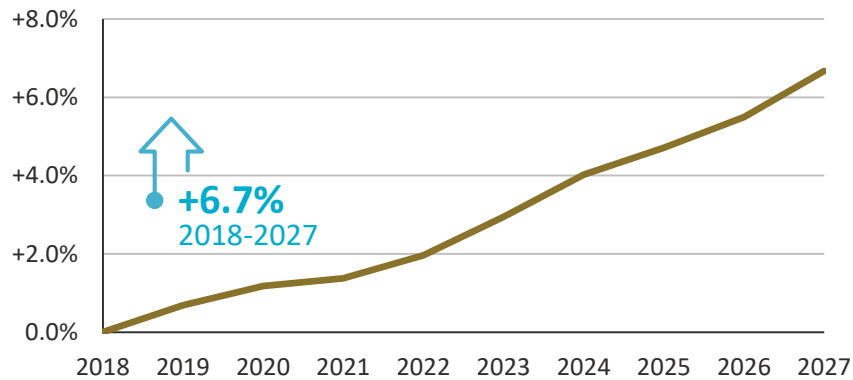
**Employment by Economic Region: 2009-2018¹¹
NB Utilities Sector**



Business Outlook 2018-2027

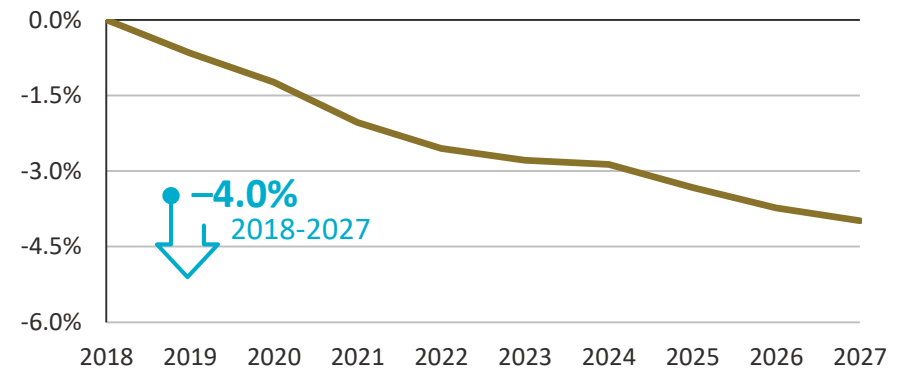
GDP Forecast

Forecasted Change in Real GDP⁸
NB Utilities Sector
(Relative to 2018)

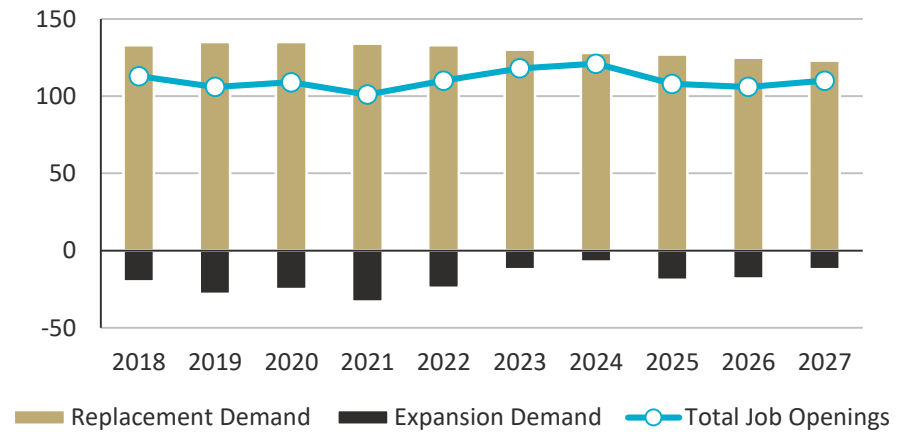


Employment Forecast

Forecasted Change in Employment⁸
NB Utilities Sector
(Relative to 2018)



Forecasted Job Openings⁸
NB Utilities Sector



Links for Further Information

Government Sources

- NBjobs.ca
- Labour Market Information
- Sector Definitions - North American Industry Classification System, 2017 (NAICS)
- Classification of Occupations - National Occupational Classification, 2016 (NOC)

Sector Associations

- Canadian Electricity Association
- Canadian Gas Association
- Canadian Wind Energy Association
- Electrical Contractors Association of New Brunswick

For Additional Information Contact:

New Brunswick Department of Post-Secondary Education,
Training and Labour

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Prepared by:



Data Sources

- ¹ Statistics Canada, Table 36-10-0400-01
- ² Statistics Canada, Table 36-10-0402-01
- ³ Statistics Canada, Table 36-10-0489-01
- ⁴ Statistics Canada, Table 14-10-0023-01
- ⁵ Statistics Canada, Table 14-10-0070-01
- ⁶ Statistics Canada, Table 14-10-0027-01

Other Sources

- New Brunswick Energy and Utilities Board
- NB Power
- Saint John Energy



- ⁷ Statistics Canada, Table 14-10-0068-01
- ⁸ Stokes Economics, Customized New Brunswick Forecast
- ⁹ Statistics Canada, Table 14-10-0064-01
- ¹⁰ Statistics Canada via the Community Data Program
- ¹¹ Statistics Canada, Table 14-10-0092-01