



# CIVIL ENGINEERS

NOC 21300

Plan, design and oversee the construction and repair of a wide variety of public and private structures. Examples of their work include buildings, roads, bridges, dams and sewers.



### 3-YEAR OUTLOOK



Moderate

### 3-YEAR JOB OPENINGS

280

### MEDIAN HOURLY WAGE

\$43.94

\$27.00 \$74.52  
LOW HIGH

### TYPICALLY REQUIRED



University

### EMPLOYED

1,535

### AVERAGE SALARY

\$93,200

The information presented is based on data for New Brunswick. To learn more about the data provided, visit [www.nbjobs.ca/occupations](http://www.nbjobs.ca/occupations).



### EMPLOYMENT BY INDUSTRY

<b>44.0%</b>	Professional, scientific and technical services
<b>23.3%</b>	Public administration
<b>16.7%</b>	Construction
<b>16.0%</b>	All Other Industries



### EMPLOYMENT BY AGE

<b>5.1%</b>	15-24
<b>26.7%</b>	25-34
<b>21.6%</b>	35-44
<b>22.4%</b>	45-54
<b>17.6%</b>	55-64
<b>6.7%</b>	65+

### ALSO KNOWN AS

- Bridge Engineer
- Civil Engineer
- Construction Engineer
- Construction Project Engineer
- Environmental Engineer
- Geodetic Engineer

### MAIN DUTIES:

This group performs some or all of the following duties:

- Confer with clients and other members of the engineering team and conduct research to determine project requirements
- Plan and design major civil projects such as buildings, roads, bridges, dams, water and waste management systems and structural steel fabrications
- Develop construction specifications and procedures
- Evaluate and recommend appropriate building and construction materials
- Interpret, review and approve survey and civil design work
- Conduct field services for civil works.

