

# CIVIL ENGINEERS (NOC: 2131)



A **bachelor's degree** in civil engineering or in a related engineering discipline is required.

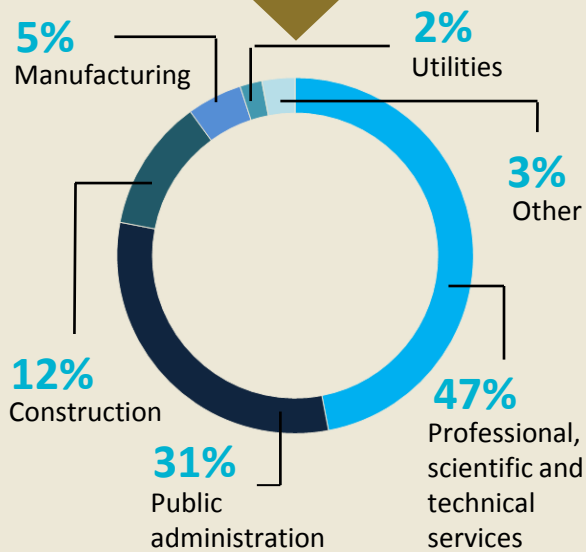


Work Prospects  
(2018- 2020): **Good**

Civil engineers plan, design, develop and manage projects for the construction or repair of buildings, earth structures, powerhouses, roads, airports, railways, rapid transit facilities, bridges, tunnels, canals, dams, ports and coastal installations and systems related to highway and transportation services, water distribution and sanitation. Civil engineers may also specialize in foundation analysis, building and structural inspection, surveying, geomatics and municipal planning. Civil engineers are employed by engineering consulting companies, in all levels of government, by construction firms and in many other industries, or they may be self-employed.



## Employment by Industry



## Examples of duties performed

- 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.



## Sample Job Titles

Construction Engineer

Municipal Engineer

Civil Engineer

# 315

Job Openings  
2017-2026

# \$58,018

Average Annual  
Employment Income



Funded by the Government of Canada and the Province of New Brunswick through the Canada-New Brunswick Labour Market Agreements.

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