POPULATION HEALTH

# Physical environment



**Community**
Fredericton



**Zone 3**
Fredericton and River Valley Area



**Province**
New Brunswick

## Built Environment

### Household and place of work

| | | | |
|---|---|---|---|
| Own a dwelling % \| 2021 | **57** | **73** | **73** |
| Rent a dwelling % \| 2021 | **43** | **26** | **26** |
| Live in band housing % \| 2021 | **0.0** | **1.3** | **0.8** |
| Occupied dwellings requiring major repairs % \| 2021 | **6.3** | **8.3** | **7.8** |
| Occupied dwellings built before 1960 % \| 2021 | **20** | **20** | **22** |
| Work at home % \| 2021 | **21** | **16** | **16** |
| Work at usual work place % \| 2021 | **69** | **70** | **71** |

### Transportation to and from work, school or health care

| | | | |
|---|---|---|---|
| Children - walk, bike or skateboard to get to school % \| 2025-2026 | **15.5** | **11.0** | **13.0** |
| Youth - walk, bike or skateboard to get to school % \| 2025-2026 | **11.3** | **9.2** | **9.5** |
| Youth - walk, bike or skateboard in combination with inactive transportation to get to school % \| 2025-2026 | **23.6** | **20.8** | **22.7** |
| Adults and seniors - walk or bike to get to work % \| 2021 | **9** | **5** | **5** |
| Use public transport % \| 2021 | **3.7** | **1.5** | **1.5** |
| Passenger or driver in a car, truck or van % \| 2021 | **85** | **92** | **92** |

### Green spaces

| | Community Fredericton | Zone 3 Fredericton and River Valley Area | Province New Brunswick |
|---|---|---|---|
| Have a park close to home % \| 2017 | n/a | **76** | **71** |
| Participate in outdoor activities close to home % \| 2017 | n/a | **81** | **76** |

## Natural Environment

### Air

| | | | |
|---|---|---|---|
| Parents - report their child lives with someone who smokes % \| 2016-2017 | **19.7** | **26.3** | **25.9** |
| Children - live with someone who smokes % \| 2025-2026 | **24.5** | **35.0** | **30.9** |
| Youth - report being exposed to cigarette smoke at home % \| 2023-2024 | **10.5** | **14.7** | **12.9** |
| Parents - report smoking being allowed inside the family vehicle % \| 2016-2017 | **2.2** | **3.0** | **2.9** |
| Youth - report riding in a car with someone who was smoking cigarettes % \| 2024-2025 | **14.0** | **20.0** | **17.2** |
| Extreme heat events Number \| 2020 | **0** | **3** | **5** |
| Extreme cold days Days \| 2020 | **1** | **9** | **14** |
| Greenhouse gas emission Megatonnes of $CO_2$ equivalent (Mt $CO_2$ eq) \| 2019 | n/a | n/a | **12** |
| Fine particulate matter (PM2.5) Parts per billion (ppb) \| 2018 | **6** | n/a | **6** |
| Ground-level ozone Micrograms per $m^3$ of ambient air ($\mu g/m^3$) \| 2018 | **51** | n/a | **52** |
| Radon - household with high radon concentration % \| 2007 | **6** | **18** | **25** |
| Radon - household who has heard of radon % \| 2017 | S | **77** | **63** |
| Radon - household who has not tested for radon % \| 2017 | S | **90** | **87** |

### Land

| | | | |
|---|---|---|---|
| Households - have applied chemical pesticide % \| 2017 | S | S | **10** |

### Water

| | Community<br>Fredericton | Zone 3<br>Fredericton and River Valley Area | Province<br>New Brunswick |
|---|---|---|---|
| Municipal drinking water supply % \| 2017 | n/a | **42** | **55** |
| Private well drinking water supply % \| 2017 | n/a | **57** | **44** |
| Number of boil orders Number \| 2020 | **0** | **13** | **25** |
| Recreational water - provincial beach water quality violations Number \| 2020 | n/a | **0** | **23** |
| **Energy** | | | |
| Source of energy for household heating equipment - wood/wood pellets % \| 2017 | S | S | **16** |
| Source of energy for household heating equipment - electricity % \| 2017 | S | **54** | **55** |
| Source of energy for household heating equipment - heating oil % \| 2017 | S | S | **9** |

# About this Table

The physical environment in which we live, work and relax, is represented by the quality of the built environment as well as the natural environment.

**Content and description**

Information on households and places of work, transportation to and from work/school or healthcare services and green spaces. It also includes indicators related to the quality of the air, water, land and energy.

**Why is this important?**

The decisions we make regarding our transportation, housing, industry, water use, energy use and waste management all have a direct influence on the quality and length of life.

**Availability of the data**

Indicators from a variety of sources are collected, organized, and analyzed by the NBHC. These data sources are used to represent the population health of New Brunswickers. Each have various levels of reliability and limitations as detailed in the Indicator pages. The information for this data table is available for the 33 NBHC Communities, 7 Health Zones and for New Brunswick overall.

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The Population Health data table series provides comprehensive view about the people who live, learn, work, take part in activities and in community life in this area.

**Caption**

n/a = Not applicable / not available

S = Data suppressed due to confidentiality requirements and/or small sample size

Above-average performance

Below-average performance