

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 <sub>2</sub> equivalent (Mt CO <sub>2</sub> 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 <sup>3</sup> of ambient air (µg/m <sup>3</sup> )   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
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### Water

	Community Fredericton	Zone 3 Fredericton and River Valley Area	Province 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
<b>⚡ Energy</b>			
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.

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### **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