

APPENDIX H1 - Data Limitations

Each community profile regroups a variety of indicators that is collected and synthesized by the New Brunswick Health Council from a variety of sources.

These data sources are being used to represent the health of the population in each community, each with various levels of reliability and limitations.

Type of information:

- Information used from administrative databases (i.e. Vital Statistics, Government of New Brunswick) usually undergoes rigorous validation and was provided to us from the owners of those databases at no cost.
- Information used from any census questionnaires (i.e. Census, Statistics Canada) has given equal opportunity for all to respond. This information was provided to us at no cost from the data owner's website or from our own in-house surveys.
- Information used from volunteer surveys (i.e. National Household Survey from Statistics Canada) each have their own methodology, target audience, and sample sizes. One limitation with these surveys are due to their voluntary nature, those not responding are not represented. It is well accepted that some marginalized groups (including the poor, immigrants, aboriginals, the less educated and mobile students) are least likely to volunteer information, which means their status can be under-represented. We acknowledge that responding to any survey is voluntary, and can be subject to the perspective of the respondent.

Together, the administrative, census and volunteer survey information help paint a clearer picture about our individual communities.

Small sample size of data:

- Data for these communities has been merged together to ensure proper data representation. This had to be done due to the small sample size of specific surveys in these areas.

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DATA SOURCE	AGE RANGE	COMMUNITIES AFFECTED
Canadian Community Health Survey, Statistics Canada	All	<p>Community 11 - Salisbury Area</p> <p>Community 15 - Hillsborough Area</p> <p>Data has been combined to ensure proper representation. These communities have the same information when it is from this source.</p>
Canadian Community Health Survey, Statistics Canada	All	<p>Community 17 - Minto Area</p> <p>Community 22.2 - New Maryland Area</p> <p>Data has been combined to ensure proper representation. These communities have the same information when it is from this source.</p>
Student Wellness Survey, New Brunswick Department of Healthy and Inclusive Communities	Grade 6 to Grade 12	<p>Community 17 - Minto Area</p> <p>Community 22.2 - New Maryland Area</p> <p>Data has been combined to ensure proper representation. These communities have the same information when it is from this source.</p>

Data is suppressed in some cases:

- Data is suppressed in situations where it might be possible to either identify a person (i.e., not enough survey respondents) or the numbers are too unreliable to be published. This can happen for one indicator in a specific community.

Data is unavailable:

- Data is unavailable in some instances due to the no respondents to specific surveys for certain communities.

DATA SOURCE	AGE RANGE	COMMUNITIES AFFECTED
Student Wellness Survey, New Brunswick Department of Healthy and Inclusive Communities	Grade 6 to Grade 12	<p>Community 11 - Salisbury Area</p> <p>Community 15 - Hillsborough Area</p> <p>Community 18.2 - Grand Bay-Westfield Area</p> <p>No respondent to this survey from these communities therefore no data is available for the indicators from this source.</p>
Student Wellness Survey, New Brunswick Department of Healthy and Inclusive Communities	Kindergarten to Grade 5 - Parent Survey	<p>Community 1 - Kedgwick Area</p> <p>Community 6 - Shippagan Area</p> <p>Community 7 - Tracadie-Sheila Area</p> <p>No respondent to this survey from these communities therefore no data is available for the indicators from this source.</p>

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DATA IS NOT AVAILABLE AT THE COMMUNITY LEVEL:

- For a variety of reasons, the following data sources are not available at the community level for the 2016 My Community at a Glance reports. They are available at the health zone or provincial level only.

DATA SOURCE	AGE RANGE	INDICATOR NAME
Statistics Canada, Census	All	Dependency ratio (number of dependents for every 100 people in the working age population)
Statistics Canada, Census	under 20	Youth, under 20 years, as a proportion of total population
Statistics Canada, Census	65+	Seniors, 65 years and over, as a proportion of total population
Statistics Canada, Canadian Community Health Survey	12+	Breastfeeding Initiation
Statistics Canada, Canadian Community Health Survey	All	Always wear a helmet when using a bicycle
Statistics Canada, Canadian Community Health Survey	0 to 5	Food insecurity in homes with children 0 to 5 present, moderate and severe
Statistics Canada, Canadian Community Health Survey	Under 18 years old	Food insecurity in homes with children less than 18 present, moderate and severe
Statistics Canada, Households and the Environment Survey	n/a	Households that owns recreational vehicles (ATV, snowmobiles, personal watercraft, etc)
Statistics Canada, Households and the Environment Survey	n/a	Availability of parks/public green spaces close to home
Statistics Canada, Households and the Environment Survey	n/a	Source of energy for household heating equipment - Wood/wood pellets
Statistics Canada, Households and the Environment Survey	n/a	Source of energy for household heating equipment - Heating Oil
Statistics Canada, Households and the Environment Survey	n/a	Source of energy for household heating equipment - Electricity
Statistics Canada, Households and the Environment survey	n/a	Households with at least one type of energy-saving light
Statistics Canada, Households and the Environment survey	n/a	Households that had a low-volume toilet
Statistics Canada, Households and the Environment survey	n/a	Households that had a low-flow shower head
Statistics Canada, Households and the Environment Survey	n/a	Households that had applied chemical pesticide

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DATA SOURCE	AGE RANGE	INDICATOR NAME
Statistics Canada, Households and the Environment Survey	n/a	Households that had applied chemical fertilizer
Statistics Canada, National Graduates Survey	Graduates	Percentage of college graduates who borrowed from government student loans programs
Statistics Canada, National Graduates Survey	Graduates	Percentage of bachelors graduates who borrowed from government student loans programs
Statistics Canada, National Graduates Survey	Graduates	Average debt at college graduation of those who borrowed
Statistics Canada, National Graduates Survey	Graduates	Average debt at bachelors graduation of those who borrowed
Statistics Canada, Canadian Vital Statistics	All	Potentially avoidable mortality from preventable causes
Statistics Canada, Canadian Vital Statistics	All	Potentially avoidable mortality from treatable causes
Statistics Canada, Canadian Vital Statistics	All	Life expectancy at birth
Statistics Canada, Canadian Vital Statistics	All	Life expectancy at birth
Statistics Canada, Canadian Vital Statistics	All	Life expectancy at birth
Environment Canada, Canada's Emissions Trends	n/a	Greenhouse gas emission per person
Report of the Chief Electoral Officer of Canada on the 41st general election of May 2, 2011	18+	Voter Turnout - Federal Election
Government of New Brunswick, Department of Health, DAD / 3M / AHIM	Infants	Universal newborn and infant screening
Government of New Brunswick, Department of Health, Office of the Chief Medical Officer of Health	15 to 19	Sexually transmitted infections - Chlamydia rate
Government of New Brunswick, Department of Health, Office of the Chief Medical Officer of Health	All	Sexually transmitted infections - Chlamydia rate
Government of New Brunswick, Department of Health, Office of the Chief Medical Officer of Health	Kindergarten	Immunization
Government of New Brunswick, Department of Health, NB Cancer Registry	All	Breast cancer screening participation rate for women aged 50 to 69 in the last 2 years

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DATA SOURCE	AGE RANGE	INDICATOR NAME
Government of New Brunswick, ElectionsNB	18+	Voter Turnout - Provincial Election
Government of New Brunswick, Vital Statistics	15 to 19	Teen birth rate
Government of New Brunswick, Vital Statistics	Live birth	Infant with less than average birth weight (< 2,500 grams)
Government of New Brunswick, Vital Statistics	Less than 1 year	Infant deaths
Government of New Brunswick, Vital Statistics	Before age 75	Premature deaths from heart and stroke
Government of New Brunswick, Vital Statistics	0 to 19	Premature deaths from cancer
Government of New Brunswick, Vital Statistics	Before age 75	Premature deaths from cancer
Government of New Brunswick, Vital Statistics	Before age 75	Premature deaths from breathing diseases
Government of New Brunswick, Vital Statistics	0 to 19	Premature deaths from injuries
Government of New Brunswick, Vital Statistics	Before age 75	Premature deaths from injuries
Government of New Brunswick, Vital Statistics	0 to 19	Premature deaths due to suicides / self-inflicted injuries
Government of New Brunswick, Vital Statistics	Before age 75	Premature deaths due to suicides / self-inflicted injuries
Government of New Brunswick, Department of Education and Early Childhood Development	Pre-kindergarten, kindergarten	Kindergarten school readiness Anglophone School District
Government of New Brunswick, Department of Education and Early Childhood Development	Pre-kindergarten, kindergarten	Kindergarten school readiness Francophone School District
Government of New Brunswick, Department of Social Development	All	Family receiving Social Assistance or Welfare benefits (% out of all families with children at home)
Government of New Brunswick, Atlantic Lottery,	19+	Lottery sales per population 19 and up

ABOUT THE NEW BRUNSWICK HEALTH COUNCIL:

New Brunswickers have a right to be aware of the decisions being made, to be part of the decision making process, and to be aware of the outcomes delivered by the health system and its cost.

The New Brunswick Health Council will foster this transparency, engagement, and accountability by engaging citizens in a meaningful dialogue, measuring, monitoring, and evaluating population health and health service quality, informing citizens on health system's performance and recommending improvements to health system partners.

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**New Brunswick
Health Council** | **Conseil de la santé
du Nouveau-Brunswick**

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Engager. Évaluer. Informer. Recommander.