

Population Health Outcomes

Health Zone 2: Fundy Shore and Saint John Area

| Indicator | Unit | Zone Value | | NB Value | Year | Source |
|--|-----------------------------|------------|---|----------|-----------|--|
| Citizens who rate their health as excellent or very good | % | 40.9 | ▼ | 39.5 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Citizens who rate their overall mental or emotional health as excellent or very good | % | 50.6 | ▼ | 49.8 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Citizens who reported being satisfied or very satisfied with their life (score of 6 or more on a scale from 0 to 10) | % | 90.1 | ▲ | 90.8 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Infant mortality | Rate per 1,000 live births | 4.2 | ▲ | 3.2 | 2016-2018 | Service New Brunswick, Vital Statistics |
| Life expectancy | Years | 80.1 | ▼ | 80.7 | 2015-2017 | Statistics Canada. Table 13-10-0389-01 Life expectancy, at birth and at age 65, by sex |
| Low birth weight rate (<2,500 Grams, excluding <500 grams) | % | 5.8 | ▼ | 6.2 | 2018-2019 | Canadian Institute for Health Information, Quick Stats |
| Mortality from preventable causes | Rate per 100,000 population | 153.6 | ▲ | 142.5 | 2015-2017 | Statistics Canada. Table 13-10-0753-01 Premature and potentially avoidable mortality |
| Mortality from treatable causes | Rate per 100,000 population | 79.4 | ▼ | 72.0 | 2015-2017 | Statistics Canada. Table 13-10-0753-01 Premature and potentially avoidable mortality |
| Potential years of life lost (PYLL) from breathing disease | Rate per 10,000 population | 32.9 | ▼ | 30.0 | 2014-2018 | Service New Brunswick, Vital Statistics |
| Potential years of life lost (PYLL) from cancer | Rate per 10,000 population | 176.1 | ▲ | 171.5 | 2014-2018 | Service New Brunswick, Vital Statistics |
| Potential years of life lost (PYLL) from heart and stroke | Rate per 10,000 population | 105.8 | ▼ | 96.4 | 2014-2018 | Service New Brunswick, Vital Statistics |
| Potential years of life lost (PYLL) from injuries | Rate per 10,000 population | 55.6 | ▼ | 61.5 | 2014-2018 | Service New Brunswick, Vital Statistics |
| Potential years of life lost (PYLL) from suicides and self-inflicted injuries | Rate per 10,000 population | 31.7 | ▼ | 43.7 | 2014-2018 | Service New Brunswick, Vital Statistics |
| Premature mortality | Rate per 100,000 population | 343.6 | ▲ | 317.0 | 2015-2017 | Statistics Canada. Table 13-10-0753-01 Premature and potentially avoidable mortality |

Health Services

account for 10% of health determinants

| Indicator | Unit | Zone Value | | NB Value | Year | Source |
|---|--|------------|---|----------|-----------|---|
| Age standardized participation rate for women aged 21 to 69 who had at least one Pap Smear test in the past 42 months | % | 62.7 | ▲ | 65.1 | 2014-2017 | New Brunswick Department of Health, New Brunswick Cancer Network, Cancer System Performance |
| Age-standardized acute care hospitalization rate for ambulatory care sensitive conditions | Rate per 100,000 population 75 and under | 403.0 | ▲ | 371.0 | 2019-2020 | Canadian Institute for Health Information, Your Health System: In Depth |
| Citizens (age 65+) who received a flu shot in the last 12 months | % | 70.4 | ▲ | 66.5 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Citizens who have a primary care provider (family doctor or nurse practitioner) | % | 90.4 | ▼ | 89.9 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Favourable rating of hospital services received (8, 9, or 10 out of 10) | % | 79.7 | ▲ | 78.5 | 2019 | New Brunswick Health Council, Acute Care Survey |
| Favourable rating of overall health care services received (8, 9, or 10 out of 10) | % | 65.3 | ▼ | 66.2 | 2020 | New Brunswick Health Council, Primary Health Survey |
| High Users of Inpatient Acute Care Services | % | 4.8 | ▼ | 4.9 | 2019-2020 | Canadian Institute for Health Information, Your Health System: In Depth |
| Percentage of women (age 50 to 74) who participated in the provincial breast cancer screening program in the last 30 months | % | 52.5 | ■ | 59.3 | 2017 | New Brunswick Department of Health, New Brunswick Cancer Network, Cancer System Performance |

Health Behaviours

account for 40% of health determinants

| Indicator | Unit | Zone Value | | NB Value | Year | Source |
|--|----------------------------|------------|---|----------|-----------|---|
| Citizens who are daily or occasional smokers | % | 19.5 | ▼ | 17.5 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Citizens who eat 5 or more servings of fruits or vegetables per day | % | 40.3 | ▼ | 41.9 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Citizens who reported having 5 or more drinks (men) or 4 or more drinks (women) on one occasion, at least once per month in the past 12 months | % | 27.4 | ▲ | 26.9 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Citizens who take part in moderate or vigorous physical activity at least two and a half hours per week | % | 51.5 | ▼ | 49.9 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Perceived life stress, most days quite a bit or extremely stressful | % | 13.8 | ▲ | 18.8 | 2017-2018 | Statistics Canada. Table 13-10-0113-01 Canadian health characteristics, two-year period estimates |
| Sexually transmitted infections, genital Chlamydia | Rate per 10,000 population | 22.1 | ▲ | 29.0 | 2019 | New Brunswick Department of Health, Office of the Chief Medical Officer |
| Teens who gave birth | Rate per 1,000 females | 9.1 | ▲ | 9.8 | 2019 | Service New Brunswick, Vital Statistics |

Social and Economic Factors

account for 40% of health determinants

| Indicator | Unit | Zone Value | | NB Value | Year | Source |
|--|------|------------|---|----------|------|--|
| Citizens who reported somewhat strong or very strong sense of belonging to local community | % | 71.0 | ▲ | 72.0 | 2020 | New Brunswick Health Council, Primary Health Survey |
| Divorced | % | 6.3 | ■ | 5.6 | 2016 | Statistics Canada. Census of Population |
| Low income households | % | 17.6 | ▼ | 17.1 | 2016 | Statistics Canada. Census of Population |
| No high school diploma (25-64 years) | % | 10.5 | ▲ | 13.9 | 2016 | Statistics Canada. Census of Population |
| Single parent family | % | 17.4 | ▲ | 16.2 | 2016 | Statistics Canada. Census of Population |
| Unemployment rate, 15 years and over | % | 6.7 | ▲ | 8.1 | 2017 | Statistics Canada. Table 14-10-0334-01 Unemployment rate, health regions (2017 boundaries) and peer groups |

Physical Environment

account for 10% of health determinants

| Indicator | Unit | Zone Value | | NB Value | Year | Source |
|--|------|------------|---|----------|-----------|---|
| Homes tested with radon concentrations above 200 Bq/m3 | % | 10.9 | ■ | 24.8 | 2009-2011 | Health Canada, Cross-Canada Survey of Radon Concentrations in Homes |
| Occupied dwellings requiring major repairs | % | 8.5 | ▲ | 8.3 | 2016 | Statistics Canada. Census of Population |

Context for Health Zone 2: Fundy Shore and Saint John Area

Median Age ^{*5} 43
Total Population ^{*5} 175,059

Top 10 most frequent hospital admissions (per 10,000) ^{*7}



| Rank | Admissions | Zone Cases | Zone Rate | NB Rate |
|------|--|------------|-----------|---------|
| 1 | Normal Newborn, Singleton Vaginal Delivery | 794 | 45.1 | 37.0 |
| 2 | Chronic Obstructive Pulmonary Disease | 630 | 35.7 | 32.5 |
| 3 | Heart Failure without Coronary Angiogram | 427 | 24.2 | 21.1 |
| 4 | Unilateral Knee Replacement | 422 | 23.9 | 21.9 |
| 5 | Vaginal Birth with Anaesthetic and Non-Major Obstetric/Gynecologic Intervention | 407 | 23.1 | 19.6 |
| 6 | Viral/Unspecified Pneumonia | 360 | 20.4 | 20.9 |
| 7 | Vaginal Birth without Anaesthetic without Non-Major Obstetric/Gynecologic Intervention | 313 | 17.8 | 14.0 |
| 8 | Percutaneous Coronary Intervention with MI/Shock/Arrest/Heart Failure | 291 | 16.5 | 12.7 |
| 9 | Newborn/Neonate 2500+ grams, Other Minor Problem | 285 | 16.2 | 14.6 |
| 10 | Vaginal Birth with Anaesthetic without Non-Major Obstetric/Gynecologic Intervention | 283 | 16.1 | 13.4 |



Top 10 most common chronic health conditions ^{*2}



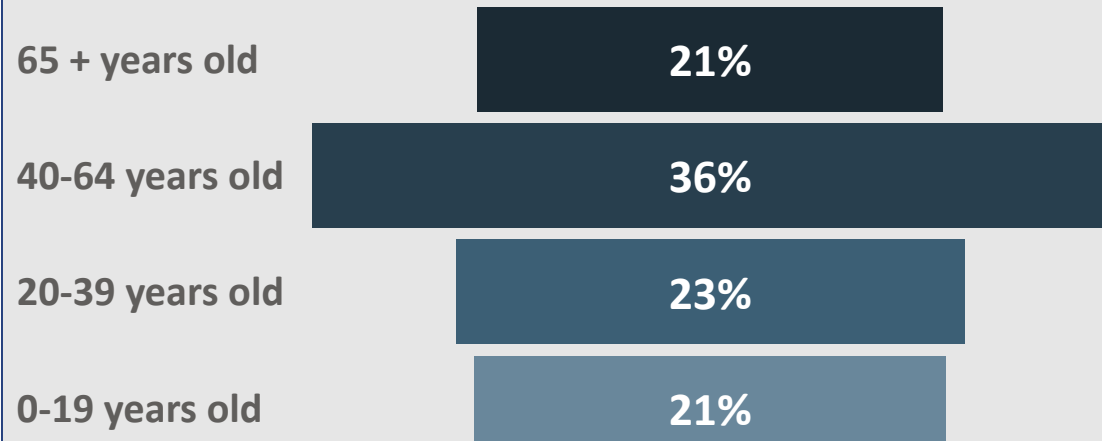
| Rank | Condition | Zone Prevalence (%) | NB Prevalence (%) |
|------|-------------------------------------|---------------------|-------------------|
| 1 | High blood pressure or hypertension | 30.1 | 29.8 |
| 2 | Arthritis | 23.2 | 19.2 |
| 3 | High cholesterol | 20.9 | 20.7 |
| 4 | Anxiety | 19.8 | 19.2 |
| 5 | Depression | 17.4 | 17.3 |
| 6 | Chronic pain | 17.3 | 17.6 |
| 7 | Gastric reflux (GERD) | 16.8 | 16.6 |
| 8 | Diabetes | 12.2 | 12.0 |
| 9 | Asthma | 11.9 | 11.8 |
| 10 | Heart disease | 9.9 | 9.6 |

Top 5 causes of avoidable mortality ^{*3}

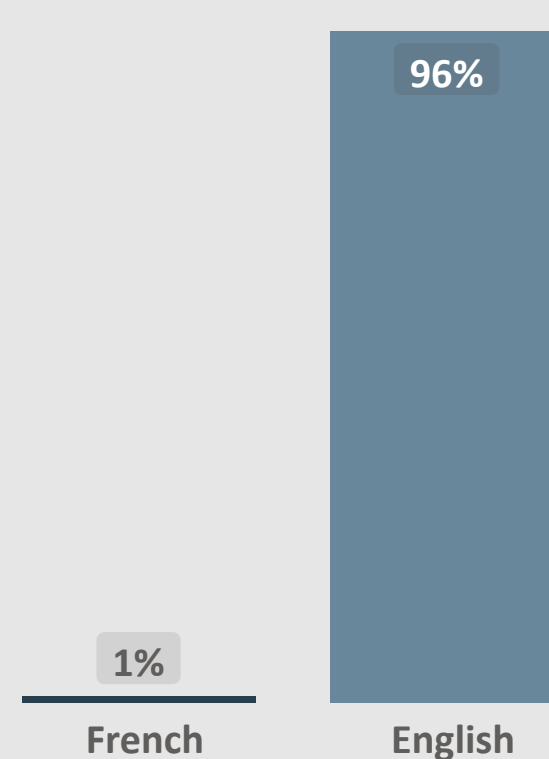
| Rank | Cause |
|------|---------------------------------------|
| 1 | Lung cancer |
| 2 | Heart disease |
| 3 | Chronic obstructive pulmonary disease |
| 4 | Diabetes |
| 5 | Stroke |

Demographic Information

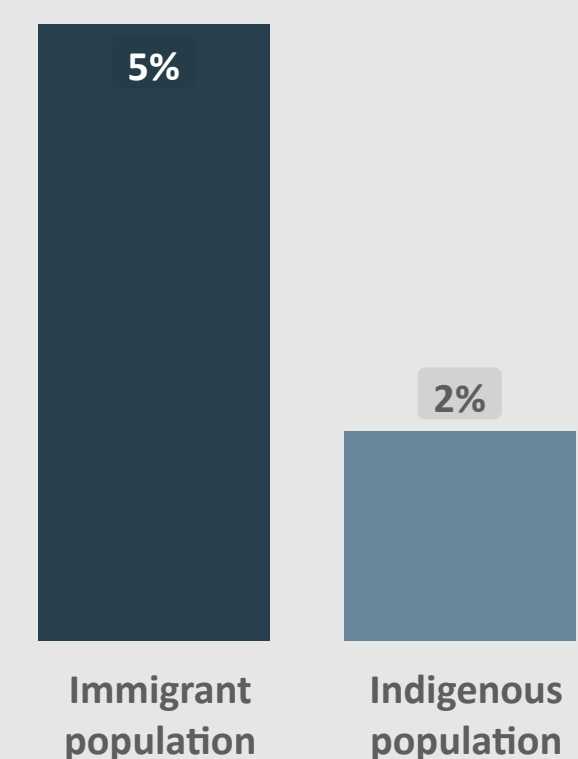
Population age breakdown ^{*4}



Language spoken at home ^{*5}



Additional characteristics ^{*5}



Sources:

*1- Canadian Institute for Health Information, Discharge Abstract Database (2019-2020)

*2- New Brunswick Health Council, Primary Health Survey (2020)

*3- Service New Brunswick, Vital Statistics (2012-2016)

*4- Statistics Canada, Center for Demographics, customized data (2020)

*5- Statistics Canada, Census, semi-custom profile (2016)