Air Cancer Risk

Legend

<table>
<thead>
<tr>
<th>Risk per Million</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>61 - 87</td>
<td>Light Green</td>
</tr>
<tr>
<td>88 - 108</td>
<td>Green</td>
</tr>
<tr>
<td>109 - 127</td>
<td>Dark Green</td>
</tr>
<tr>
<td>128 - 145</td>
<td>Light Blue</td>
</tr>
<tr>
<td>146 - 167</td>
<td>Blue</td>
</tr>
<tr>
<td>168 - 193</td>
<td>Dark Blue</td>
</tr>
<tr>
<td>194 - 243</td>
<td>Very Dark Blue</td>
</tr>
<tr>
<td>244 - 283</td>
<td>Very Light Blue</td>
</tr>
<tr>
<td>284 - 351</td>
<td>Light Blue</td>
</tr>
<tr>
<td>352 - 604</td>
<td>Blue</td>
</tr>
</tbody>
</table>

Counties

NEW BRUNSWICK CITY

MIDDLESEX

Date: 4/11/2022

0 1.5 3 Miles

Legend

- Counties
- NEW BRUNSWICK CITY
Air Quality Index (AQI) Days above 100 (3 yr Avg) 2018 to 2020

Date: 4/18/2022
### Surface Water Quality

#### NEW BRUNSWICK CITY

<table>
<thead>
<tr>
<th>Municipalities</th>
<th>Impaired (Percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOUTH BOUND BROOK BORO</td>
<td>0</td>
</tr>
<tr>
<td>SOUTH BRUNSWICK TWP</td>
<td></td>
</tr>
<tr>
<td>FRANKLIN TWP</td>
<td></td>
</tr>
<tr>
<td>NORTH BRUNSWICK TWP</td>
<td></td>
</tr>
<tr>
<td>MILLTOWN Boro</td>
<td></td>
</tr>
<tr>
<td>SOUTH RIVER BORO</td>
<td></td>
</tr>
<tr>
<td>EAST BRUNSWICK TWP</td>
<td></td>
</tr>
</tbody>
</table>

#### MIDDLESEX

<table>
<thead>
<tr>
<th>Counties</th>
<th>Impaired (Percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW BRUNSWICK CITY</td>
<td>100</td>
</tr>
</tbody>
</table>

#### Legend
- Counties
- Municipalities
- NEW BRUNSWICK CITY

#### Date: 4/13/2022

0 miles to 1 mile scale.
New Jersey’s Surface Water Quality Standards (SWQS) establish the designated uses of the State’s surface waters, classify surface waters based on those uses, and specify the water quality criteria and other policies necessary to attain those uses. Designated uses include water supply for drinking, agriculture and industrial uses, fish consumption, shellfish resources, propagation of fish and wildlife, and recreation.

The table below show the designated use information for your municipality. For more information on Surface Water Quality, see the Healthy Community Planning Report for this municipality.

<table>
<thead>
<tr>
<th>AU_name</th>
<th>Aquatic_General</th>
<th>Aquatic_Trout</th>
<th>Water_Supply</th>
<th>Recreation</th>
<th>Shellfish</th>
<th>Fish_Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Haritan R Lwr (Lawrence Bk to Mile Run)</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Mile Run</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Lawrence Bk (below Milltown/Herberts br)</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Haritan R Lwr (MileRun to I-287 Piscw)</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
</tbody>
</table>
Contaminated Sites

Legend
- Counties
- NEW BRUNSWICK CITY
- Municipalities

Known Contaminated Sites
Density Weighting:
- 0
- 1
- 2
- 3
- Other

Date: 4/12/2022

Counties
- MIDDLESEX

Municipalities
- NEW BRUNSWICK CITY
- MILLTOWN BORO
- SOUTH RIVER BORO
- EAST BRUNSWICK TWP
- EAST BRUNSWICK TWP
- EDISON TWP
- HIGHLAND PARK BORO
- FRANKLIN TWP
- PISCATAWAY TWP
- NORTH BRUNSWICK TWP
- NEW BRUNSWICK CITY
- NORTHERN BRUNSWICK TWP
- TPKE

Miles

0 0.3 0.6
State Comparison

- **Above**
- **Below**
- **No Difference**
- **Suppressed**

**Legend**

- Municipalities
- New Brunswick City

**Asthma (Emergency Department)**

**Middlesex**

- **Age-adjusted Rate**
- **per 10,000 People**
- **2016 to 2019**
- **Emergency Department Visits for Asthma**

**Date:** 4/12/2022

**Legend**

- Municipalities
- New Brunswick City
COPD (Emergency Department)

State Comparison

Legend
- Municipalities
- New Brunswick City
- Above
- Below
- No Difference
- Suppressed

New Brunswick City

Middlesex

Date: 4/12/2022
Age-adjusted Rate per 10,000 People 2016 to 2019
Emergency Department Visits for COPD

0 1.5 3 Miles

Legend

Municipalities Above Below No Difference Suppressed

No Difference

Suppressed
**Lung Cancer Deaths**

**New Brunswick City**

**Middlesex**

<table>
<thead>
<tr>
<th>Legend</th>
<th>State Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="Image" alt="Municipalities" /></td>
<td><strong>Above</strong></td>
</tr>
<tr>
<td><img src="Image" alt="New Brunswick City" /></td>
<td><strong>Below</strong></td>
</tr>
<tr>
<td><img src="Image" alt="No Difference" /></td>
<td><strong>Suppressed</strong></td>
</tr>
</tbody>
</table>

**Age-adjusted Death Rate per 100,000 People**

**Deaths for Lung Cancer 2015 to 2019**

Date: 4/17/2022

0 1.5 3

**Miles**

**Legend**

- Municipalities
- New Brunswick City

**State Comparison**

- Above
- Below
- No Difference
- Suppressed

**Map**

- Municipalities and towns highlighted in different colors
- Highways and roads indicated
- Legend for visual representation

**Data**

- Age-adjusted death rate per 100,000 people
- Date of data: 4/17/2022
- Municipalities and towns listed
- New Brunswick City
- Middlesex

**Analysis**

- Map showing the distribution of lung cancer deaths
- Municipalities and towns with higher or lower death rates
- Suppressed data

**Conclusion**

- The map provides a visual representation of lung cancer deaths in Middlesex County, New Jersey, from 2015 to 2019.
- The data includes age-adjusted death rates per 100,000 people.
- Municipalities and towns are color-coded to indicate above, below, or no difference in death rates.
- Suppressed data is indicated for certain locations.
Heat Related Illness (Emergency Department)

**New Brunswick City**

**Middlesex**

**Legend**
- Municipalities
- New Brunswick City

**State Comparison**
- Above
- Below
- No Difference
- Suppressed

**Age-adjusted Rate per 10,000 People 2016 to 2019**

**Date: 4/14/2022**

**Emergency Department Visits for Heat Related Illness**

**Legend**
- Municipalities
- New Brunswick City

**Date: 4/14/2022**

**Map showing various municipalities and townships in Middlesex County, New Jersey, with color-coded indicators for the heat-related illness visits.**