Air Cancer Risk

Legend

- Counties
- MOUNT OLIVE TWP

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

Date: 4/11/2022

0 2 4 Miles

Counties and towns depicted in the map include:
- MOUNT OLIVE TWP
- MORRIS
- INDEPENDENCE TWP
- FRANKFORD TWP
- BLOOMINGDALE BORO
- HAMPTON TWP
- STILLWATER TWP
- FREDON TWP
- ANDOVER TWP
- GREEN TWP
- FRELINGHUYSEN TWP
- GREEN BROOK TWP
- RAHWAY CITY
- BERNARDSVILLE BORO
- ROXBURY TWP
- HOPATCONG BORO
- LAFAYETTE TWP
- HARDYSTON TWP
- JEFFERSON TWP
- WAYNE TWP
- MOUNT OLIVE TWP
- RANDOLPH TWP
- GREEN TWP
- FAR HILLS BORO
- LEBANON TWP
- BRANCHBURG TWP
- TEWKSBURY TWP
- FREDON TWP
- INDEPENDENCE TWP
- BERKELEY HEIGHTS TWP
- MILLBURN TWP
- HAINSDALE TWP
- SUMMIT CITY
- LIVINGSTON TWP
- FAIRFAX TWP
- NEW PROVIDENCE BORO
- KINNELON BORO
- PEQUANNOCK TWP
- WEST WILMINGTON TWP
- BRIDGEWATER TWP
- STAPLES TWP
- ROXBURY TWP
- MONTVILLE TWP
- PARISIENNE TROY HILLS TWP
- GLENarnation

Risk per Million:
- 61 - 87
- 88 - 108
- 109 - 127
- 128 - 145
- 146 - 167
- 168 - 193
- 194 - 243
- 244 - 283
- 284 - 351
- 352 - 604
What is a Designated Use?

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_Trot</th>
<th>Water_Supply</th>
<th>Recreation</th>
<th>Shellfish</th>
<th>Fish_Consumption</th>
</tr>
</thead>
<tbody>
<tr>
<td>Musconetcong R (Waterloo area)</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Musconetcong R (SaxtonFalls to Waterloo)</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Raritan R SB (74d 44m 15s to Ht 46)</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Raritan R SB (above Ht 46)</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Attaining</td>
</tr>
<tr>
<td>Musconetcong R (Wills Bk to LkHopatcong)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Drakes Brook (below Eyland Ave)</td>
<td>Attaining</td>
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<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Raritan R SB (LongValley br to 74d44m15s)</td>
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<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Drakes Brook (above Eyland Ave)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Musconetcong R (Trout Bk to SaxtonFalls)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Musconetcong R (Waterloo to incl WillsBk)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Insufficient Data</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Mine Brook (Morris Co)</td>
<td>Attaining</td>
<td>Attaining</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Raritan R SB (74d 44m 15s to Ht 46)</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
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<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Drakes Brook (below Eyland Ave)</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Raritan R SB (LongValley br to 74d44m15s)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
</tbody>
</table>
Flooding (Urban Land Cover)

**Legend**
- Urban Land
- Urban Land Flooded
- Toll Road
- Interstate
- US Highway
- State Highway
- Impacted Roads

**Legend**
- Counties
- MOUNT OLIVE TWP
- Municipalities

**MOUNT OLIVE TWP**
- MOUNT OLIVE TWP
- ALLAMUCHY TWP
- INDEPENDENCE TWP
- HACKETTSTOWN TOWN
- WASHINGTON TWP
- ROXBURY TWP
- CHESTER TWP

**MORRIS**
- HOPATCONG BORO
- NETCONG BORO
- STANHOPE BORO
- BYRAM TWP

**Map Information**
- Date: 4/12/2022
- Impacted roads show only county level or higher routes in flooding areas.

**Map Description**
Impacted roads show only county level or higher routes in flooding areas.
Open Space

Legend

- Counties
- MOUNT OLIVE TWP
- Open Space
- Residential Population
- > 1/4 Mile from Open Space

Date: 4/13/2022

Miles

Counties

- MOUNT OLIVE TWP
- MORRIS

Date: 4/13/2022

Miles

- Counties
- MOUNT OLIVE TWP
- Open Space
- Residential Population
- > 1/4 Mile from Open Space
## Traffic

### MOUNT OLIVE TWP

#### Legend
- **Counties**
- **MOUNT OLIVE TWP**
- 1000 ft. Road Buffer

#### Daily Traffic Volume
- 25,000 - 50,000
- 50,001 - 75,000
- 75,001 - 100,000
- 100,001 - 125,000
- 125,000+

<table>
<thead>
<tr>
<th>Receptors</th>
<th>Count</th>
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<tbody>
<tr>
<td>Childcare</td>
<td>1</td>
</tr>
<tr>
<td>School</td>
<td>0</td>
</tr>
<tr>
<td>Population</td>
<td>3361</td>
</tr>
</tbody>
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### MORRIS

#### Date: 4/19/2022

<table>
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<tr>
<th>Miles</th>
<th>0</th>
<th>0.5</th>
<th>1</th>
</tr>
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[Map of MOUNT OLIVE TWP and surrounding areas]
Heart Attack (AMI) (Inpatient)

State Comparison

<table>
<thead>
<tr>
<th>Mount Olive Twp</th>
<th>Morris</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Legend</strong></td>
<td><strong>State Comparison</strong></td>
</tr>
<tr>
<td>Municipalities</td>
<td>Above</td>
</tr>
<tr>
<td>Mount Olive Twp</td>
<td>Below</td>
</tr>
<tr>
<td>No Difference</td>
<td>Suppressed</td>
</tr>
</tbody>
</table>

Age-adjusted Rate per 10,000 People 2016 to 2019
Inpatient Visits for AMI (Acute Myocardial Infarction)

Date: 4/11/2022

Miles

Mount Olive Twp

Morris

Date: 4/11/2022
Heart Disease Deaths

**State Comparison**

<table>
<thead>
<tr>
<th>Municipalities</th>
<th>Above</th>
<th>Below</th>
<th>No Difference</th>
<th>Suppressed</th>
</tr>
</thead>
</table>

**Legend**

- Municipalities
- Mount Olive Twp

**Mount Olive Twp**

- Age-adjusted Death Rate per 100,000 People
- Deaths for Heart Disease

**Morris**

Date: 4/16/2022

Legend:

- Municipalities
- Mount Olive Twp

- Above
- Below
- No Difference
- Suppressed

Date: 4/16/2022

Deaths for Heart Disease

<table>
<thead>
<tr>
<th>State Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Above</td>
</tr>
<tr>
<td>Below</td>
</tr>
<tr>
<td>No Difference</td>
</tr>
<tr>
<td>Suppressed</td>
</tr>
</tbody>
</table>

**Map Directions**

- Miles
- N

**Map Legend**

- Municipalities
- Mount Olive Twp

**Map Details**

- Age-adjusted Death Rate
- Deaths for Heart Disease

**Map Analysis**

- Municipalities above average
- Municipalities below average
- Municipalities no difference
- Municipalities suppressed
COPD (Emergency Department)

State Comparison

<table>
<thead>
<tr>
<th>Legend</th>
<th>Mount Olive Twp</th>
<th>Morris</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipalities</td>
<td></td>
<td>Age-adjusted Rate per 10,000 People 2016 to 2019</td>
</tr>
<tr>
<td>Mount Olive Twp</td>
<td></td>
<td>Emergency Department Visits for COPD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Date: 4/12/2022</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Above</th>
<th>Below</th>
<th>No Difference</th>
<th>Suppressed</th>
</tr>
</thead>
</table>

Municipalities:
- Mount Olive Twp
- ROXBURY TWP
- MINE HILL TWP
- DOVER TOWN
- DENVILLE TWP
- RANDOLPH TWP
- MENDHAM TWP
- MENDHAM BORO
- HARDING TWP
- LONG HILL TWP
- WASHINGTON TWP
- CHESTER TWP
- MOUNT OLIVE TWP
- PEQUANNOCK TWP
- LINCOLN PARK Boro
- ROXBURY TWP
- BOONTON TWP
- MONTVILLE TWP
- BOONTON TOWN
- MONTVILLE TWP
- BUTLER Boro
- MIDDLETOWN
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- MIDDLETOW
Lung Cancer Deaths

<table>
<thead>
<tr>
<th>Legend</th>
<th>State Comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipalties</td>
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<tr>
<td>Mount Olive Twp</td>
<td></td>
</tr>
<tr>
<td>Above</td>
<td>Below</td>
</tr>
</tbody>
</table>

Morris

Age-adjusted Death Rate per 100,000 People
2015 to 2019
Deaths for Lung Cancer
Date: 4/17/2022
Heat Related Illness (Emergency Department)

**Mount Olive Twp**

**State Comparison**

- **Legend**
  - White: Municipalities
  - Pink: Mount Olive Twp
  - Blue: Above
  - Yellow: Below
  - Cyan: No Difference
  - Gray: Suppressed

- **Age-adjusted Rate per 10,000 People**
- **Emergency Department Visits for Heat Related Illness**

- **Date:** 4/14/2022

- **Miles:**

- **State Comparison**
  - **Legend**
    - Municipalities
    - Mount Olive Twp
    - Above
    - Below
    - No Difference
    - Suppressed

- **Morris**

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

- **Date:** 4/14/2022