### Air Cancer Risk

**Legend**

- **Counties**
- **HANOVER TWP**

**Risk per Million**

- **61 - 87**
- **88 - 108**
- **109 - 127**
- **128 - 145**
- **146 - 167**
- **168 - 193**
- **194 - 243**
- **244 - 283**
- **284 - 351**
- **352 - 604**

**Date:** 4/11/2022

**Miles**

The map shows the cancer risk per million in various towns and counties, with different colors representing different risk levels. The towns and counties are labeled on the map, and the risk levels are indicated by the color legend provided.
Community Drinking Water

Legend

- Counties
- HANOVER TWP
- Municipalities

MCL and TT Violations and AL Exceedances:
- 0
- 1 - 5
- 6 - 10
- 11 - 15
- 16 - 30

Date: 4/13/2022

Miles

HANOVER TWP

MORRIS

<table>
<thead>
<tr>
<th>Municipality</th>
<th>0</th>
<th>1 - 5</th>
<th>6 - 10</th>
<th>11 - 15</th>
<th>16 - 30</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHESTER TWP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MOUNT OLIVE TWP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCL and TT Violations and AL Exceedances</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>1 - 5</td>
<td>6 - 10</td>
<td>11 - 15</td>
<td>16 - 30</td>
<td></td>
</tr>
</tbody>
</table>

Counties

MCL and TT Violations and AL Exceedances

Date: 4/13/2022

Miles
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>Troy Brook (above Reynolds Ave)</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Whippany R (Malapardis to Lk Pocahontas)</td>
<td>Non Attaining</td>
<td>Insufficient Data</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Troy Brook (below Heynolds Ave)</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Malapardis Brook</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Whippany R (Rockaway R to Malapardis Bk)</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Black Brook (Hanover)</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
</tbody>
</table>
## Flooding (Urban Land Cover)

<table>
<thead>
<tr>
<th>HANOVER TWP</th>
<th>MORRIS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Legend</strong></td>
<td></td>
</tr>
<tr>
<td>Counties</td>
<td></td>
</tr>
<tr>
<td>HANOVER TWP</td>
<td></td>
</tr>
<tr>
<td>Municipalities</td>
<td></td>
</tr>
<tr>
<td>Urban Land</td>
<td>Toll Road</td>
</tr>
<tr>
<td>Urban Land Flooded</td>
<td>Interstate</td>
</tr>
<tr>
<td>Toll Road</td>
<td>US Highway</td>
</tr>
<tr>
<td>Interstate</td>
<td>State Highway</td>
</tr>
<tr>
<td>US Highway</td>
<td>Impacted Roads</td>
</tr>
<tr>
<td>State Highway</td>
<td></td>
</tr>
<tr>
<td>Impacted Roads</td>
<td></td>
</tr>
</tbody>
</table>

Impacted roads show only county level or higher routes in flooding areas.

Date: 4/12/2022

0 0.275 0.55

Miles
Scrap Metal Facilities

Legend

- Municipalities
- HANOVER TWP
- Scrap Metal Facility

Sites Per Square Mile

- 0 - 0.29
- 0.30 - 1.1
- 1.2 - 2.2
- 2.3 - 4.4
- 4.5 - 8.3

Scrap Metal Processing Sites per Sq Mile 2022

Date: 4/19/2022
## Traffic

### HANOVER TWP

#### Legend
- Counties
- HANOVER 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+

### MORRIS

<table>
<thead>
<tr>
<th>Receptors</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Childcare</td>
<td>4</td>
</tr>
<tr>
<td>School</td>
<td>0</td>
</tr>
<tr>
<td>Population</td>
<td>1874</td>
</tr>
</tbody>
</table>

Date: 4/19/2022

Distance: 0 - 0.3 - 0.6 Miles

Map showing traffic volume in HANOVER TWP with a 1000 ft. road buffer and demographics data.
Asthma (Emergency Department)

Legend

- Municipalities
- Hanover Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

State Comparison

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

Hanover Twp

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

Date: 4/12/2022

0 2 4 Miles

Legend

- Hanover Twp

Map showing municipalities and their comparison with the state average for asthma emergency department visits.
<table>
<thead>
<tr>
<th>Hanover 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>□ Hanover Twp</td>
<td>□ Below</td>
</tr>
<tr>
<td></td>
<td>□ No Difference</td>
</tr>
<tr>
<td></td>
<td>□ Suppressed</td>
</tr>
</tbody>
</table>

| Age-adjusted Rate per 10,000 People 2016 to 2019 | Date: 4/11/2022 |
| Inpatient Visits for AMI (Acute Myocardial Infarction) | 0 1.75 3.5 Miles |

**State Comparison**

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

**Legend**

- **Municipalities**
- **Hanover Twp**

**Map**

- Map showing municipalities in Hanover Twp and Morris, color-coded for Heart Attack (AMI) (Inpatient) rate comparison.

**Data**

- Date: 4/11/2022
- Inpatient Visits for AMI (Acute Myocardial Infarction)
- Age-adjusted Rate per 10,000 People 2016 to 2019
- Municipalities with Heart Attack rates above, below, no difference, or suppressed.

**Legend**

- **Municipalities**
- **Hanover Twp**

**Map**

-Map showing municipalities in Hanover Twp and Morris, color-coded for Heart Attack (AMI) (Inpatient) rate comparison.

**Data**

- Date: 4/11/2022
- Inpatient Visits for AMI (Acute Myocardial Infarction)
- Age-adjusted Rate per 10,000 People 2016 to 2019
- Municipalities with Heart Attack rates above, below, no difference, or suppressed.
Heart Disease Deaths

Hanover Twp

Legend
- Municipalities
- Hanover Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Morris

Age-adjusted Death Rate per 100,000 People 2015 to 2019
Deaths for Heart Disease

Date: 4/16/2022

0 2 4
Miles
COPD (Emergency Department)

Hanover Twp

Legend
- Municipalities
- Above
- Below
- No Difference
- Suppressed

Hanover Twp

State Comparison

Legend
- Municipalities
- Above
- Below
- No Difference
- Suppressed

Morris

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

Map showing municipalities and their COPD emergency department visits for 2016 to 2019.
All Cancer Deaths

Legend
- Municipalities
- Hanover Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Hanover Twp

Miles

Date: 4/17/2022

Age-adjusted Death Rate per 100,000 People 2015 to 2019
Deaths for Cancer

Legend
- Municipalities
- Hanover Twp

Hanover Twp

Morris

State Comparison
- Above
- Below
- No Difference
- Suppressed

Date: 4/17/2022

Age-adjusted Death Rate per 100,000 People 2015 to 2019
Deaths for Cancer
Obesity

Legend

- Municipalities
- Hanover Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

Obesity Rate Per Municipal % of Adults 2018

Date: 4/14/2022

Date: 4/14/2022

Miles

Hanover Twp

- DOVER TOWN

Morris

- KINNELON BORO
- BUTLER BORO
- LINCOLN PARK BORO

Above

Below

No Difference

Suppressed

MORRIS TWP

- BORO
- HANOVER TWP

- MADISON BORO
- CHATHAM TWP
- MONTVILLE TWP

- CHERRY HILL TWP
- LONG HILL TWP

- RANDOLPH TWP
- ROXBURY TWP

- MENDHAM TWP
- MINE HILL TWP

- ROY HILL TWP
- PARIS BORO
Heat Related Illness (Emergency Department)

Legend
- Municipalities
- Hanover Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Morris
Age-adjusted Rate per 10,000 People 2016 to 2019
Emergency Department Visits for Heat Related Illness

Date: 4/14/2022

Miles

Hanover Twp

Municipalities

Hanover Twp

Legend

State Comparison

Above
Below
No Difference
Suppressed