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>Mannington Creek</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>Fenwick Creek / Keasbey's Creek</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Salem R (CoursesLanding to CountyHomeHd)</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>Salem R (39-40-14 dam-CoursesLndg)/Canal</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>Salem R (Fenwick Ck to 39d40m14s dam)</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>NA</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Nichomus Run</td>
<td>Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
</tbody>
</table>
Asthma (Emergency Department)

**Mannington Twp**

**Legend**
- Municipalities
- Mannington Twp

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

**Salem**

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

<table>
<thead>
<tr>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>1.5</td>
</tr>
<tr>
<td>3</td>
</tr>
</tbody>
</table>

**Map Notes:**
- Municipalities represented in different colors to indicate rates above, below, or no difference compared to the state average.
- Suppressed areas are not shown.
- The map includes major cities and towns within the Salem county, with Mannington Township highlighted for asthma emergency department visits.
Heart Attack (AMI) (Inpatient)

State Comparison

Legend

- Municipalities
- Mannington Twp

Mannington Twp

<table>
<thead>
<tr>
<th>Municipality</th>
</tr>
</thead>
<tbody>
<tr>
<td>PENNSVILLE TWP</td>
</tr>
<tr>
<td>ELSINBORO TWP</td>
</tr>
<tr>
<td>LOWER ALLOWAYS CREEK TWP</td>
</tr>
<tr>
<td>QUINTON TWP</td>
</tr>
<tr>
<td>OLDMANS TWP</td>
</tr>
<tr>
<td>CARMEYS POINT TWP</td>
</tr>
<tr>
<td>ALLOWAY TWP</td>
</tr>
<tr>
<td>MANNINGTON TWP</td>
</tr>
<tr>
<td>PILESGROVE TWP</td>
</tr>
<tr>
<td>PITTSGROVE TWP</td>
</tr>
<tr>
<td>UPPEP PITTSGROVE TWP</td>
</tr>
</tbody>
</table>

Salem

Date: 4/11/2022

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

Legend

- Above
- Below
- No Difference
- Suppressed

No Difference

Suppressed

Above

Below
Heart Disease Deaths

Legend

- Municipalities
- Mannington Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

Salem

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

Date: 4/16/2022

0 1.5 3 Miles

Municipalities:
- PENNSVILLE TWP
- MANNINGTON TWP
- OLDMANS TWP
- ALLOWAY TWP
- QUINTON TWP
- ELsinboro TWP
- SALEM CITY
- CARNEYS POINT TWP
- PILESGROVE TWP
- OLDMANS TWP
- ALLOWAYS CREEK TWP
- UPPER PITTSGROVE TWP
- PITTSGROVE TWP
All Cancer Deaths

Legend

- Municipalities
- Mannington Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

State Comparison

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

Date: 4/17/2022

Legend

Municipalities

- Mannington Twp

Map includes municipalities such as:
- PENNSVILLE TWP
- ELSEMBORO TWP
- SALEM CITY
- MANNINGTON TWP
- QUINTON TWP
- OLDMANS TWP
- ALLOWAY TWP
- PILESGROVE TWP
- UPPER PITTSGROVE TWP
- PITTSGROVE TWP
- LOWER ALLOWAYS CREEK TWP

Legend:

- Above
- Below
- No Difference
- Suppressed

Miles

No Difference

Above

Below

Suppressed

Date: 4/17/2022
Lung Cancer Deaths

State Comparison

Mannington Twp

Legend

- Municipalities
- Mannington Twp

State Comparison

Above
Below
No Difference
Suppress

Age-adjusted Death Rate per 100,000 People
2015 to 2019
Deaths for Lung Cancer
Date: 4/17/2022

Mannington Twp

No Difference

Salem

Above
Below
No Difference
Suppress
Obesity

State Comparison

Legend
- Municipalities
- Mannington Twp

State Comparison

<table>
<thead>
<tr>
<th>Municipality</th>
<th>2018 Obesity Rate</th>
<th>Legend</th>
</tr>
</thead>
<tbody>
<tr>
<td>Salem City</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower Alloways Creek Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quinton Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alloway Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pittsgrove Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oldmans Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Penndale Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alloway Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Varnum Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salem City</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elsinboro Twp</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carneys Point Twp</td>
<td></td>
<td>Above</td>
</tr>
<tr>
<td>Mannington Twp</td>
<td></td>
<td>Below</td>
</tr>
</tbody>
</table>

Obesity Rate
Per Municipal
% of Adults
2018

Date: 4/14/2022

Miles

Legend
- Above
- Below
- No Difference
- Suppressed

No Difference
Above
Below
Suppressed
Heat Related Illness (Emergency Department)

Legend

- Municipalities
- Mannington Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

Mannington Twp

<table>
<thead>
<tr>
<th>Municipalities</th>
<th>Mannington Twp</th>
</tr>
</thead>
<tbody>
<tr>
<td>PENNSVILLE TWP</td>
<td>CARNEYS POINT TWP</td>
</tr>
<tr>
<td>OLDMANS TWP</td>
<td>MANNINGTON TWP</td>
</tr>
<tr>
<td>SALEM CITY</td>
<td>ALLOWAY TWP</td>
</tr>
<tr>
<td>ELSINBORO TWP</td>
<td>QUINTON TWP</td>
</tr>
<tr>
<td>LOWER ALLOWAYS CREEK TWP</td>
<td>ACE</td>
</tr>
</tbody>
</table>

Salem

<table>
<thead>
<tr>
<th>Date: 4/14/2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Department Visits for Heat Related Illness</td>
</tr>
<tr>
<td>Age-adjusted Rate per 10,000 People 2016 to 2019</td>
</tr>
</tbody>
</table>

Municipalities

- Above
- Below
- No Difference
- Suppressed

Legend

- Municipalities
- Mannington Twp

Legend

- Municipalities
- Mannington Twp