### Surface Water Quality

#### Legend
- **Counties**
- **Municipalities**

<table>
<thead>
<tr>
<th>Impaired (Percent)</th>
<th>0</th>
<th>20</th>
<th>33</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>66</th>
<th>75</th>
<th>80</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>0</td>
<td>20</td>
<td>33</td>
<td>40</td>
<td>50</td>
<td>60</td>
<td>66</td>
<td>75</td>
<td>80</td>
<td>100</td>
</tr>
</tbody>
</table>

#### Date: 4/12/2022

<table>
<thead>
<tr>
<th>ELMER BORO</th>
<th>SALEM</th>
</tr>
</thead>
</table>

- **UPPER PITTSGROVE TWP**
- **PITTSGROVE TWP**
- **ALLOWAY TWP**
- **UPPER DEERFIELD TWP**
- **ELK TWP**
- **FRANKLIN TWP**
- **PITTSGROVE TWP**
- **UPPER PITTSGROVE TWP**

**Impaired (Percent):**
- 0%
- 20%
- 33%
- 40%
- 50%
- 60%
- 66%
- 75%
- 80%
- 100%
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>Palatine Branch (Muddy Run)</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>Muddy Run (above/incl Elmer Lake)</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>Muddy Run (incl Palatine Lk to Elmer Lk)</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
</tbody>
</table>
Legend

- Counties
- ELMER BORO Municipalities

Urban Land
Urban Land Flooded
Toll Road
Interstate
US Highway
State Highway
Impacted Roads

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

Date: 4/12/2022

Miles

0 0.075 0.15
Low Birth Weight

Elmer Boro

Legend
- Municipalities
- Elmer Boro

State Comparison
- Above
- Below
- No Difference
- Suppressed

Salem

Birth Rate
Low Birth Weight (% All Births < 5 lb, 8 oz)
2016 to 2020
Date: 4/15/2022

Mile Comparison

Suppressed
Asthma (Emergency Department)

Legend
- Municipalities
- Elmer Boro

State Comparison
- Above
- Below
- No Difference
- Suppressed

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

Municipalities:
- Salem City
- Elsmor
- Oldmans Twp
- Carneys Point Twp
- Pennsville Twp
- Alloway Twp
- Quinton Twp
- Pilesgrove Twp
- Upper Pittsgrove Twp
- Lower Alloways Creek Twp

Asthma (Emergency Department)

Legend
- Municipalities
- Elmer Boro

State Comparison
- Above
- Below
- No Difference
- Suppressed

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

Municipalities:
- Salem City
- Elsmor
- Oldmans Twp
- Carneys Point Twp
- Pennsville Twp
- Alloway Twp
- Quinton Twp
- Pilesgrove Twp
- Upper Pittsgrove Twp
- Lower Alloways Creek Twp
Heart Attack (AMI) (Inpatient)

Elmer Boro

Legend

- Municipalities
- Elmer Boro

State Comparison

- Above
- Below
- No Difference
- Suppressed

Salem

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

Date: 4/11/2022

Legend

- Municipalities
- Above
- Below
- No Difference
- Suppressed
Stroke (Inpatient)

Legend
- Municipalities
- Elmer Boro

State Comparison
- Above
- Below
- No Difference
- Suppressed

Age-adjusted Rate per 10,000 People
2016 to 2019
Inpatient Visits for Stroke

Date: 4/14/2022

Miles

CITIES
- Elmer Boro
- Salem City

TOWNS
- Alloway Twp
- Oldmans Twp
- Pilesgrove Twp
- Quinton Twp
- Salem City
- Pennington Twp
- Carneys Point Twp
- Elsinboro Twp
- Lower Alloways Creek Twp
- Upper Pittsgrove Twp
- Pittsgrove Twp

Legend
- Municipalities
- Elmer Boro

State Comparison
- Above
- Below
- No Difference
- Suppressed

Date: 4/14/2022

Miles
All Cancer Deaths

Legend
- Municipalities
- Elmer Boro

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

Municipalities
- Elmer Boro
- Salem City
- Alloway Twp
- Quinton Twp
- Oldmans Twp
- Pilesgrove Twp
- Upper Pittsgrove Twp
- Lower Alloways Creek Twp
- Elsinboro Twp
- Carneys Point Twp
- Salem City
- Pennington Twp

No Difference
Above
Below
Suppressed

Legend
- Municipalities
- Elmer Boro

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

Municipalities
- Elmer Boro
- Salem City
- Alloway Twp
- Quinton Twp
- Oldmans Twp
- Pilesgrove Twp
- Upper Pittsgrove Twp
- Lower Alloways Creek Twp
- Elsinboro Twp
- Carneys Point Twp
- Salem City
- Pennington Twp

No Difference
Above
Below
Suppressed

Legend
- Municipalities
- Elmer Boro

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

Municipalities
- Elmer Boro
- Salem City
- Alloway Twp
- Quinton Twp
- Oldmans Twp
- Pilesgrove Twp
- Upper Pittsgrove Twp
- Lower Alloways Creek Twp
- Elsinboro Twp
- Carneys Point Twp
- Salem City
- Pennington Twp

No Difference
Above
Below
Suppressed

Legend
- Municipalities
- Elmer Boro

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

Municipalities
- Elmer Boro
- Salem City
- Alloway Twp
- Quinton Twp
- Oldmans Twp
- Pilesgrove Twp
- Upper Pittsgrove Twp
- Lower Alloways Creek Twp
- Elsinboro Twp
- Carneys Point Twp
- Salem City
- Pennington Twp

No Difference
Above
Below
Suppressed
Date: 4/13/2022

Smoking Rate Per Municipal % of Adults 2018

Smoking Rate above, Below, No Difference, or Suppressed.
Heat Related Illness (Emergency Department)

Legend

- Municipalities
- Elmer Boro

State Comparison

- Above
- Below
- No Difference
- Suppressed

Salem

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

Date: 4/14/2022

Legend

- Municipalities
- Elmer Boro

State Comparison

- Above
- Below
- No Difference
- Suppressed

Municipalities

- PENNSVILLE TWP
- MANNINGTON TWP
- SALEM CITY
- ELSINBORO TWP
- QUINTON TWP
- OLDMANS TWP
- CARNEYS POINT TWP
- PILES GROVE TWP
- ALLOWAY TWP
- UPPER PITTS GROVE TWP
- PITTS GROVE TWP
- LOWER ALLOWAYS CREEK TWP

Map showing the distribution of Emergency Department visits for Heat Related Illness in Salem County, New Jersey, with Municipalities and Elmer Boro highlighted.