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>Elizabeth R (Elizabeth CORP BDY to I-78)</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>Elizabeth R (below Elizabeth CORP BDY)</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>Kill Van Kull West</td>
<td>Non Attaining</td>
<td>NA</td>
<td>NA</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Newark Airport Peripheral Ditch</td>
<td>Non Attaining</td>
<td>NA</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Morses Creek / Piles Creek</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
</tbody>
</table>
Flooding (Urban Land Cover)

Legend
- Counties
- ELIZABETH CITY Municipalities
- Urban Land
- Urban Land Flooded
- Toll Road
- Interstate
- US Highway
- State Highway
- Impacted Roads

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

Map showing flooding in various municipalities and counties, with specific routes impacted by flooding.
Open Space

Legend

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

Date: 4/12/2022

0 0.375 0.75 Miles
Legend
- Counties
- ELIZABETH CITY
- 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>
<th>Date: 4/19/2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Childcare</td>
<td>8</td>
<td>0.425 - 0.85</td>
</tr>
<tr>
<td>School</td>
<td>11</td>
<td>0.85</td>
</tr>
<tr>
<td>Population</td>
<td>41392</td>
<td></td>
</tr>
</tbody>
</table>

Map showing traffic flow in ELIZABETH CITY and UNION with various road buffers and traffic volume ranges.
Asthma (Emergency Department)

State Comparison

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

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

Date: 4/12/2022
Heart Attack (AMI) (Inpatient)

Legend
- Municipalities
- Elizabeth City

State Comparison
- Above
- Below
- No Difference
- Suppressed

State Comparison

<table>
<thead>
<tr>
<th>Legend</th>
<th>Union</th>
</tr>
</thead>
<tbody>
<tr>
<td>Age-adjusted Rate per 10,000 People</td>
<td>Date: 4/11/2022</td>
</tr>
<tr>
<td>Inpatient Visits for AMI (Acute Myocardial Infarction)</td>
<td>0 0.75 1.5</td>
</tr>
<tr>
<td>Miles</td>
<td></td>
</tr>
</tbody>
</table>

Municipalities Over Age-adjusted Rate
- Above
- Below
- No Difference
- Suppressed

Date: 4/11/2022
COPD (Emergency Department)

State Comparison

<table>
<thead>
<tr>
<th>Municipalities</th>
<th>Above</th>
<th>Below</th>
<th>No Difference</th>
<th>Suppressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elizabeth City</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend

- Municipalities
- Elizabeth City

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

Emergency Department Visits for COPD

Date: 4/12/2022

Miles: 0 1 2
Stroke (Inpatient)

Legend
- Municipalities
- Elizabeth City

State Comparison
- Above
- Below
- No Difference
- Suppressed

Union

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

Date: 4/14/2022

Miles

Legend
- Municipalities
- Elizabeth City
All Cancer Deaths

Legend
- Municipalities
- Elizabeth City

State Comparison
- Above
- Below
- No Difference
- Suppressed

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

Deaths for Cancer

Date: 4/17/2022
Lung Cancer Deaths

Legend
- Municipalities
- Elizabeth City

State Comparison
- Above
- Below
- No Difference
- Suppressed

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

Miles

Legend:
- Municipalities
- Elizabeth City

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

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

Legend

- Municipalities
- Elizabeth City

State Comparison

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

State Comparison Per Municipal
% of Adults
2018

Date: 4/13/2022

Legend

- Municipalities
- Elizabeth City

No Difference

Above

Below

Suppressed
Heat Related Illness (Emergency Department)

**Legend**
- Municipalities
- Elizabeth City

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

**Municipalities**
- BERKELEY HEIGHTS TWP
- NEW PROVIDENCE Boro
- MOUNTAINSIDE Boro
- WESTFIELD TOWN
- CRANFORD TWP
- SCOTCH PLAINS TWP
- CLARK TWP
- RAHWAY CITY
- UNION TWP
- MOUNTAINSIDE BORO
- SPRINGFIELD TWP
- HILLSIDE TWP
- ELIZABETH CITY
- ELIZABETH CITY
- UNION

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

**Date:** 4/14/2022

**Legend**
- Municipalities
- Elizabeth City