Community Drinking Water

**Legend**
- Counties
- SOUTH ORANGE VILLAGE TWP
- Municipalities

**SOUTH ORANGE VILLAGE TWP**

**ESSEX**

Date: 4/14/2022

**MCL and TT Violations and AL Exceedances**
- 6 - 10
- 11 - 15
- 16 - 30
- 0

**Municipalities**

- FAIRFIELD TWP
- NORTH CALDWELL BORO
- CEDAR GROVE TWP
- CALDWELL BORO
- ESSEX FELLS BORO
- VERONA TWP
- MONTCLAIR TWP
- BLOOMFIELD TWP
- NUTLEY TWP
- GLEN RIDGE BORO
- SOUTH ORANGE VILLAGE TWP
- LIVINGSTON TWP
- WEST ORANGE TWP
- MCL and TT Violations
- AL Exceedances

**Counts**
- 0
- 2
- 1
- 1

**Distance**
- Miles
Surface Water Quality

SOUTH ORANGE VILLAGE TWP

ESSEX

Legend

Counties
Municipalities
SOUTH ORANGE VILLAGE TWP

<table>
<thead>
<tr>
<th>Impaired (Percent)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>20</td>
</tr>
<tr>
<td>25</td>
</tr>
<tr>
<td>33.</td>
</tr>
<tr>
<td>40</td>
</tr>
<tr>
<td>50</td>
</tr>
<tr>
<td>60</td>
</tr>
<tr>
<td>66.</td>
</tr>
<tr>
<td>75</td>
</tr>
<tr>
<td>80</td>
</tr>
<tr>
<td>100</td>
</tr>
</tbody>
</table>

Date: 4/13/2022

0 0.5 1 Miles

Impaired (Percent): 0, 20, 25, 33, 40, 50, 60, 66, 75, 80, 100

Counties

Municipalities

SOUTH ORANGE VILLAGE TWP
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>Rahway River EB</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Elizabeth R (above I-78)</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Second River</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Rahway River WB</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
</tbody>
</table>
Flooding (Urban Land Cover)

Legend
- Counties
- SOUTH ORANGE VILLAGE TWP
- 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: 4/13/2022

Scale: 0 - 0.15 - 0.3 Miles
Low Birth Weight

South Orange Village Twp

Legend
- Municipalities
- South Orange Village Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Essex

Birth Rate
Low Birth Weight (% All Births < 5 lb, 8 oz)
2016 to 2020

Date: 4/15/2022

Legend
- Above
- Below
- No Difference
- Suppressed

Mileages:
- 0
- 0.75
- 1.5

No Difference

South Orange Village Twp
Asthma (Emergency Department)

### South Orange Village Twp

**Legend**
- municipalities
- South Orange Village Twp

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

### Essex

**State Comparison**
- Age-adjusted Rate per 10,000 People
- 2016 to 2019
- Emergency Department Visits for Asthma
- Date: 4/12/2022
- Mile Range: 0, 0.75, 1.5

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

- South Orange Village Twp
- Essex
- Bloomfield Twp
- East Orange City
- Glen Ridge Boro
- New Jersey
- Livingston Twp
- Montclair Twp
- Nutley Twp
- Millburn Twp
- Maplewood Twp
- Irvington Twp
- West Orange Twp
- Caldwell Boro
- West Caldwell Twp
- Caldwell Boro
- Essex Fells Boro
- Rokeland Boro
- Fairfield Twp
- Essex
- South Orange Village Twp
- West Orange Twp
- Verona Twp
- Middletown Twp
- Millburn Twp
- Maplewood Twp
- Irvington Twp
- New Jersey

**Legend**
- Municipalities
- South Orange Village Twp

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

**Date**: 4/12/2022

**Legend**
- Municipalities
- South Orange Village Twp

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

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

### South Orange Village Twp

#### Legend
- Municipalities
- South Orange Village Twp

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

<table>
<thead>
<tr>
<th>Date: 4/11/2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.75 0.75 1.5 Miles</td>
</tr>
</tbody>
</table>

### Essex

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

### Municipalities Comparison

- **Above**: Cities and towns with higher rates.
- **Below**: Cities and towns with lower rates.
- **No Difference**: Cities and towns with rates similar to the state average.
- **Suppressed**: Rates not available due to reporting standards.

#### Legend
- Municipalities: Color-coded based on the rate comparison.

---

### Map

- Essex County
- Various municipalities
- State comparison visualized with color coding.
- Date: 4/11/2022
- Mileage scale: 0 to 1.5 miles.
Heart Disease Deaths

South Orange Village Twp

Legend
- Municipalities
- South Orange Village Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Essex

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

Date: 4/16/2022

0 - 0.75 - 1.5
Miles

Municipalities
- Above
- Below
- No Difference
- Suppressed

South Orange Village Twp
COPD (Emergency Department)

South Orange Village Twp

Legend
- Municipalities
- South Orange Village Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Essex

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

Date: 4/12/2022

Miles

Legend
- Above
- Below
- No Difference
- Suppressed

Municipalities:
- Fairfield Twp
- West Caldwell Twp
- Cedar Grove Twp
- Essex Fells Boro
- Essex Borough
- Verona Twp
- Montclair Twp
- Nutley Twp
- Bloomfield Twp
- Irvington Twp
- North Caldwell Boro
- Verona Borough
- City of Orange
- South Orange Village Twp
- Millburn Twp
- Maplewood Twp
- Caldwell Boro
- Livingston Twp
- Newark City

South Orange Village Twp

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

Date: 4/12/2022

Miles
Stroke (Inpatient)

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>South Orange Village Twp</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend

- Municipalities
- South Orange Village Twp

State Comparison

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

Date: 4/15/2022

0 0.75 1.5 Miles
All Cancer Deaths

South Orange Village Twp

Legend

- Municipalities
- South Orange Village Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

Essex

Legend

- Municipalities
- South Orange Village Twp

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

0 0.75 1.5 Miles
Lung Cancer Deaths

South Orange Village Twp

Legend
- Municipalities
- South Orange Village Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Essex

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

Date: 4/17/2022

Legend
- Municipalities
- South Orange Village Twp

No Difference
0
Above
Below
Suppressed

South Orange Village Twp

Deaths for Lung Cancer

2015 to 2019

Date: 4/17/2022
Smoking Rate Per Municipal % of Adults 2018

Legend
- Municipalities
- South Orange Village Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

Date: 4/14/2022

0 0.75 1.5
Miles

South Orange Village Twp

Essex

No Difference

Suppressed

South Orange Village Twp

Smoking Rate

Per Municipal

% of Adults

2018

Legend

Municipalities

South Orange Village Twp

Date: 4/14/2022

0 0.75 1.5
Miles

Legend

Municipalities

South Orange Village Twp
# Heat Related Illness (Emergency Department)

## State Comparison

<table>
<thead>
<tr>
<th>South Orange Village Twp</th>
<th>Essex</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Legend</strong></td>
<td></td>
</tr>
<tr>
<td>Municipals</td>
<td></td>
</tr>
<tr>
<td>South Orange Village Twp</td>
<td></td>
</tr>
<tr>
<td><strong>State Comparison</strong></td>
<td></td>
</tr>
<tr>
<td>Above</td>
<td></td>
</tr>
<tr>
<td>Below</td>
<td></td>
</tr>
<tr>
<td>No Difference</td>
<td></td>
</tr>
<tr>
<td>Suppressed</td>
<td></td>
</tr>
</tbody>
</table>

## Essex

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

Date: 4/14/2022

<table>
<thead>
<tr>
<th>Date</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0.75</td>
</tr>
<tr>
<td>1.5</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**Legend**
- Municipalities
- South Orange Village Twp
- Above
- Below
- No Difference
- Suppressed

**South Orange Village Twp**

- FAIRFIELD TWP
- NORTH CALDWELL BORO
- WEST CALDWELL TWP
- Caldwell Boro
- Essex Fells Boro
- Roseland Boro
- Verona Twp
- Montclair Twp
- Glen Ridge Borough
- Bloomfield Twp
- Nutley Twp
- Belleville Twp
- Livingston Twp
- West Orange Twp
- City of Orange Twp
- East Orange City
- Millburn Twp
- Maplewood Twp
- Irvington Twp
- New Jersey State Police

**Municipalities**

- Above
- Below
- No Difference
- Suppressed