Surface Water Quality

Legend

- Counties
- Municipalities
- DEERFIELD TWP

<table>
<thead>
<tr>
<th>Impaired (Percent)</th>
<th>0</th>
<th>20</th>
<th>25</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>Counties</td>
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<td>NA</td>
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<td>0</td>
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</tr>
<tr>
<td>DEERFIELD TWP</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Date: 4/13/2022

0 0.5 1 Miles

DEERFIELD TWP

Counties
- UPPER PITTSGROVE TWP
- HOPEWELL TWP
- FAIRFIELD TWP
- UPPER DEERFIELD TWP
- PITTSGROVE TWP
- LAWRENCE TWP
- BRIDGETON CITY

Municipalities
- MILLVILLE CITY
- CARTERET Boro
- NEWFIELD BORO
- MILLVILLE CITY
- MILLVILLE CITY
- MILLVILLE CITY

Legend
- DEERFIELD TWP
- Municipalities
- Counties

Impaired (Percent)
- 0
- 20
- 25
- 33.33%
- 40
- 50
- 60
- 66.66%
- 75
- 80
- 100

Surface Water Quality Map
New Jersey's [Surface Water Quality Standards (SWQS)](https://www.nj.gov/dep/efwq/swqs.html) 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>Mill Creek (lower)</td>
<td>Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Muddy Run (below Landis Ave)</td>
<td>Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Muddy Run (Landis Ave to Parvin Lake)</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Lebanon Branch (Mill Creek)</td>
<td>Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Indian Fields Branch / Jackson Hun</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Chatfield Branch (Mill Creek)</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Maurice River (Sherman Ave to Blackwater Br)</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Muddy Run (incl ParvinLk to Palatine Lk)</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
</tbody>
</table>
Flooding (Urban Land Cover)

Legend
- 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

0 0.35 0.7 Miles
<table>
<thead>
<tr>
<th>Sites Per Square Mile</th>
<th>0 - 0.29</th>
<th>0.30 - 1.1</th>
<th>1.2 - 2.2</th>
<th>2.3 - 4.4</th>
<th>4.5 - 8.3</th>
</tr>
</thead>
</table>

**Legend**
- Municipalities
- DEERFIELD TWP
- Scrap Metal Facility

**Scrap Metal Processing Sites per Sq Mile 2022**
Date: 4/19/2022

**Distance**
0 miles to 0.35 miles
0.35 miles to 0.7 miles

**Map**
- DEERFIELD TWP
- Scrap Metal Facilities in Deerfield Twp.
Low Birth Weight

State Comparison

Legend
- Municipalities
- Deerfield Twp

Miles

Date: 4/15/2022

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

Legend
- Above
- Below
- No Difference
- Suppressed

No Difference

Above

Below

Suppressed

Deerfield Twp
Cumberland

STOW CREEK TWP
HOPEWELL TWP
FAIRFIELD TWP
UPPER DEERFIELD TWP
MILLVILLE CITY
VINELAND CITY
STOW CREEK TWP
GREENWICH TWP
SHILOH BORO
HOPEWELL TWP
BRIDGETON CITY
FAIRFIELD TWP
LAWRENCE TWP
DOWNE TWP
COMMERCIAL TWP
MAURICE RIVER TWP
Asthma (Emergency Department)

**Legend**
- Municipalities
- Deerfield Twp

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

**Municipalities**
- STOW CREEK TWP
- DOWNE TWP
- COMMERCIAL TWP
- HOPEWELL TWP
- DEERFIELD TWP
- FAIRFIELD TWP
- UPPER DEERFIELD TWP
- MILLVILLE CITY
- VINELAND CITY
- BRIDGETON CITY
- SHILOH BORO
- GREENWICH TWP
- FAIRFIELD TWP
- LAWRENCE TWP
- DOWNE TWP
- COMMERCIAL TWP
- MAURICE RIVER TWP

**Cumberland**

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

---

**Map Details**

- Scale: 0 - 1.75 - 3.5 Miles
- Legend:
  - Municipalities
  - Deerfield Twp
  - Above
  - Below
  - No Difference
  - Suppressed

**State Comparison**

- Deerfield Twp

---

**Note:** The map provides a visual representation of the age-adjusted rate for asthma emergency department visits from 2016 to 2019, with municipalities shaded in blue, above the state average, yellow, below the state average, gray, no difference, and purple, suppressed data.
Heart Attack (AMI) (Inpatient)

### State Comparison

- **Deerfield Twp**
- **Cumberland**

**Legend**
- Municipalities
- Deerfield Twp
- Above
- Below
- No Difference
- Suppressed

**State Comparison**

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

**Legend**

- Municipalities
- Deerfield Twp

**Deerfield Twp**

- HOPEWELL TWP
- STOW CREEK TWP
- GREENWICH TWP
- FAIRFIELD TWP
- SHILOH BORO

**Cumberland**

- MILLVILLE CITY
- VINELAND CITY
- LAWRENCE TWP
- COMMERCIAL TWP
- MAURICE RIVER TWP
- DOWNE TWP

**Legend**

- Municipalities
- Deerfield Twp

**Legend**

- Municipalities
- Deerfield Twp
COPD (Emergency Department)

Deerfield Twp

Legend

- Municipalities
- Deerfield Twp

State Comparison

- Above
- Below
- No Difference
- Suppressed

Cumberland

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

0 1.75 3.5 Miles

Municipalities

- STOW CREEK TWP
- DOWNE TWP
- COMMERCIAL TWP
- HOPEWELL TWP
- DEERFIELD TWP
- FAIRFIELD TWP
- UPPER DEERFIELD TWP
- MILLVILLE CITY
- VINELAND CITY
- SHILOH BORO
- BRIDGETON CITY
- GREENWICH TWP
- FAIRFIELD TWP
- LAWRENCE TWP
- DOWNE TWP
- COMMERCIAL TWP
- MAURICE RIVER TWP

Legend:

- Municipalities
- Deerfield Twp
Stroke (Inpatient)

State Comparison

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

Legend
- Municipalities
- Deerfield Twp

Above
Below
No Difference
Suppressed

Date: 4/14/2022

Miles

0 1.75 3.5
Lung Cancer Deaths

Legend
- Municipalities
- Deerfield Twp

State Comparison
- Above
- Below
- No Difference
- Suppressed

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

No Difference

Above

Below

Suppressed

Legend
- Municipalities
- Deerfield Twp

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

Deerfield Twp

**Legend**
- Municipalities
- Deerfield Twp

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

**Cumberland**

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

Date: 4/14/2022

Legend
- Municipalities
- Deerfield Twp

Mileage Scale: 0 - 1.75 - 3.5

Legend:
- Municipalities
- Deerfield Twp

Date: 4/14/2022

Heat Related Illness (Emergency Department)