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>Yards Creek</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Stony Brook (incl UDRV)</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>Insufficient Data</td>
<td>NA</td>
<td>Insufficient Data</td>
<td></td>
</tr>
<tr>
<td>Blair Creek</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Jacksonburg Creek</td>
<td>Attaining</td>
<td>Insufficient Data</td>
<td>Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Dunnfield Creek (incl UDRV)</td>
<td>Attaining</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Insufficient Data</td>
</tr>
<tr>
<td>Paulins Kill (below Blairstown gage)</td>
<td>Non Attaining</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Paulins Kill (Blairstown to Stillwater)</td>
<td>Attaining</td>
<td>Non Attaining</td>
<td>Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Van Campens Brook</td>
<td>Attaining</td>
<td>Attaining</td>
<td>Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Delaware River 1C</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>Delaware River 1D</td>
<td>Non Attaining</td>
<td>NA</td>
<td>Attaining</td>
<td>Attaining</td>
<td>NA</td>
<td>Non Attaining</td>
</tr>
<tr>
<td>HARDWICK TWP</td>
<td>WARREN</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>--------</td>
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<td></td>
<td></td>
</tr>
<tr>
<td><strong>Legend</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Counties</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HARDWICK TWP</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1000 ft. Road Buffer</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Daily Traffic Volume</strong></td>
<td><strong>Receptors</strong></td>
<td><strong>Count</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>25,000 - 50,000</td>
<td>Childcare</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50,001 - 75,000</td>
<td>School</td>
<td>0</td>
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</tr>
<tr>
<td>75,001 - 100,000</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>100,001 - 125,000</td>
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<tr>
<td>125,000+</td>
<td>Population</td>
<td>0</td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

Date: 4/19/2022

| Miles | 0 | 0.75 | 1.5 |

Legend
- Counties
- HARDWICK TWP
- 1000 ft. Road Buffer

Map showing various townships including HARDWICK TWP, WARREN, STILLWATER TWP, WALPACK TWP, FREDON TWP, GREEN TWP, FRELINGHUYSEN TWP, KNOWLTON TWP, HOPE TWP, and ALLAMUCHY TWP.
Low Birth Weight

State Comparison

Legend
- Municipalities
- Hardwick Twp

Above
Below
No Difference
Suppressed

Warren

Date: 4/16/2022

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

Miles

Municipalities
Above
Below
No Difference
Suppressed

No Difference
Suppressed

Date: 4/16/2022

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

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Date: 4/16/2022</th>
<th>Age-adjusted Death Rate per 100,000 People</th>
<th>2015 to 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardwick Twp</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

State Comparison

Legend
- Municipalities
- Hardwick Twp

Above
Below
No Difference
Suppressed
COPD (Emergency Department)

State Comparison

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

Date: 4/13/2022

Legend

- Municipalities
- Hardwick Twp

No Difference

Above

Below

Suppressed

Municipalities

Hardwick Twp

FRELINGHUYSEN TWP

OXFORD TWP

INDEPENDENCE TWP

HARMONY TWP

POHATCONG TWP

WASHINGTON TWP

FRANKLIN TWP

KNOWLTON TWP

BLAIRSTOWN TWP

WHITE TWP

LIBERTY TWP

HOPE TWP

ALLAMUCHY TWP

MANSFIELD TWP

HARDWICK TWP

COPD (Emergency Department)

Warren

[Map showing various towns and municipalities]
<table>
<thead>
<tr>
<th>Municipalities</th>
<th>Above</th>
<th>Below</th>
<th>No Difference</th>
<th>Suppressed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Warren</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LUNG CANCER DEATHS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date: 4/17/2022</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Legend**
- Municipalities
- Hardwick Twp

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

State Comparison

Legend

- **Municipalities**
- **Hardwick Twp**
- **Above**
- **Below**
- **No Difference**
- **Suppressed**

State Comparison

- **Smoking Rate**
- **Per Municipal**
- **% of Adults**
- **2018**

Date: 4/13/2022

Legend

- **Above**
- **Below**
- **No Difference**
- **Suppressed**

Date: 4/13/2022

Miles

Legend

- **Municipalities**
- **Hardwick Twp**

Smoking Rate Per Municipal

% of Adults

2018

Date: 4/13/2022

Miles
Heat Related Illness (Emergency Department)

Hardwick Twp

Legend
- Municipalities
- Hardwick Twp

State Comparison

Legend:
- Above
- Below
- No Difference
- Suppressed

Warren

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

Date: 4/14/2022

Miles

0 2 4