

# Health Care Facilities

WATCHUNG BORO

SOMERSET

## Legend

- Counties
- WATCHUNG BORO

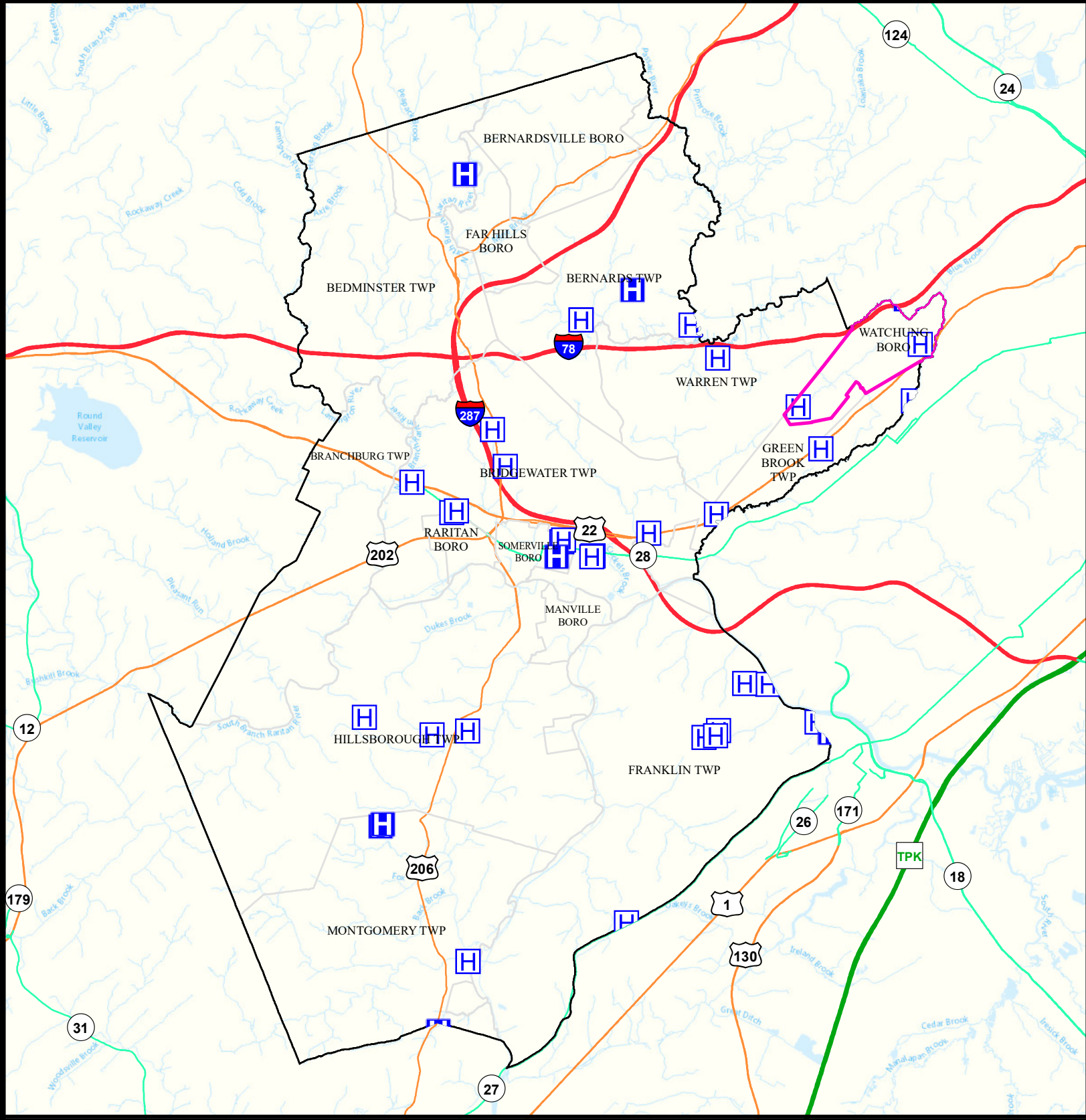
- Hospitals
- Nursing Homes
- Municipalities

N

Date: 9/26/2022

0 1.5 3

Miles



# Air Cancer Risk











**WATCHUNG BORO**

**SOMERSET**

## Legend

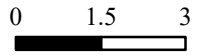
-  Counties
-  WATCHUNG BORO

### Risk per Million

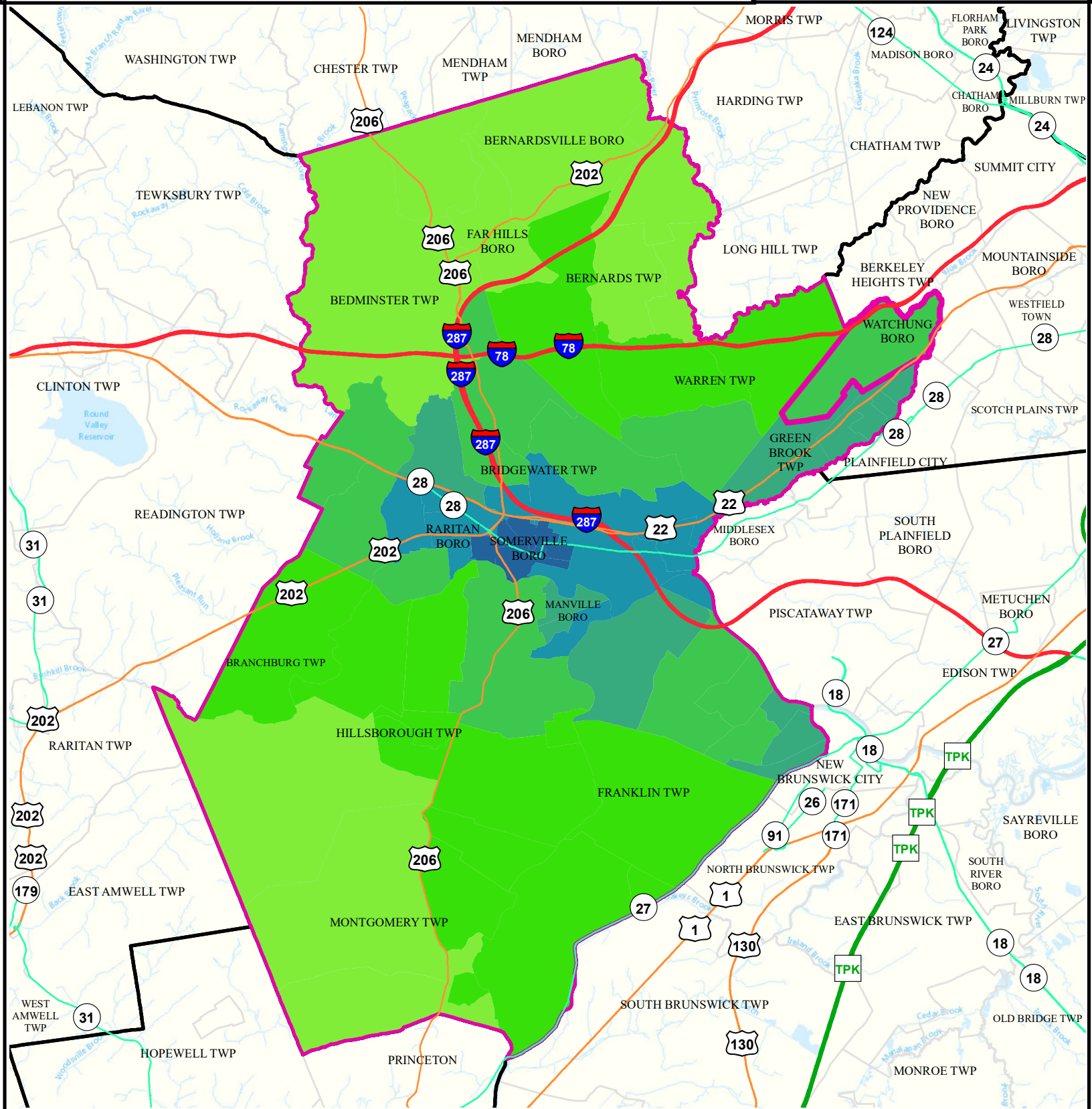
	61 - 87		128 - 145		244 - 283
	88 - 108		146 - 167		284 - 351
	109 - 127		168 - 193		352 - 604
			194 - 243		



Date: 9/28/2022



Miles





# Air Non Cancer

**WATCHUNG BORO**

**SOMERSET**

## Legend

Counties

WATCHUNG BORO

**Combined Hazard Index**

0.75 - 1.00

1.01 - 2.00

2.01 - 3.00

3.01 - 4.00

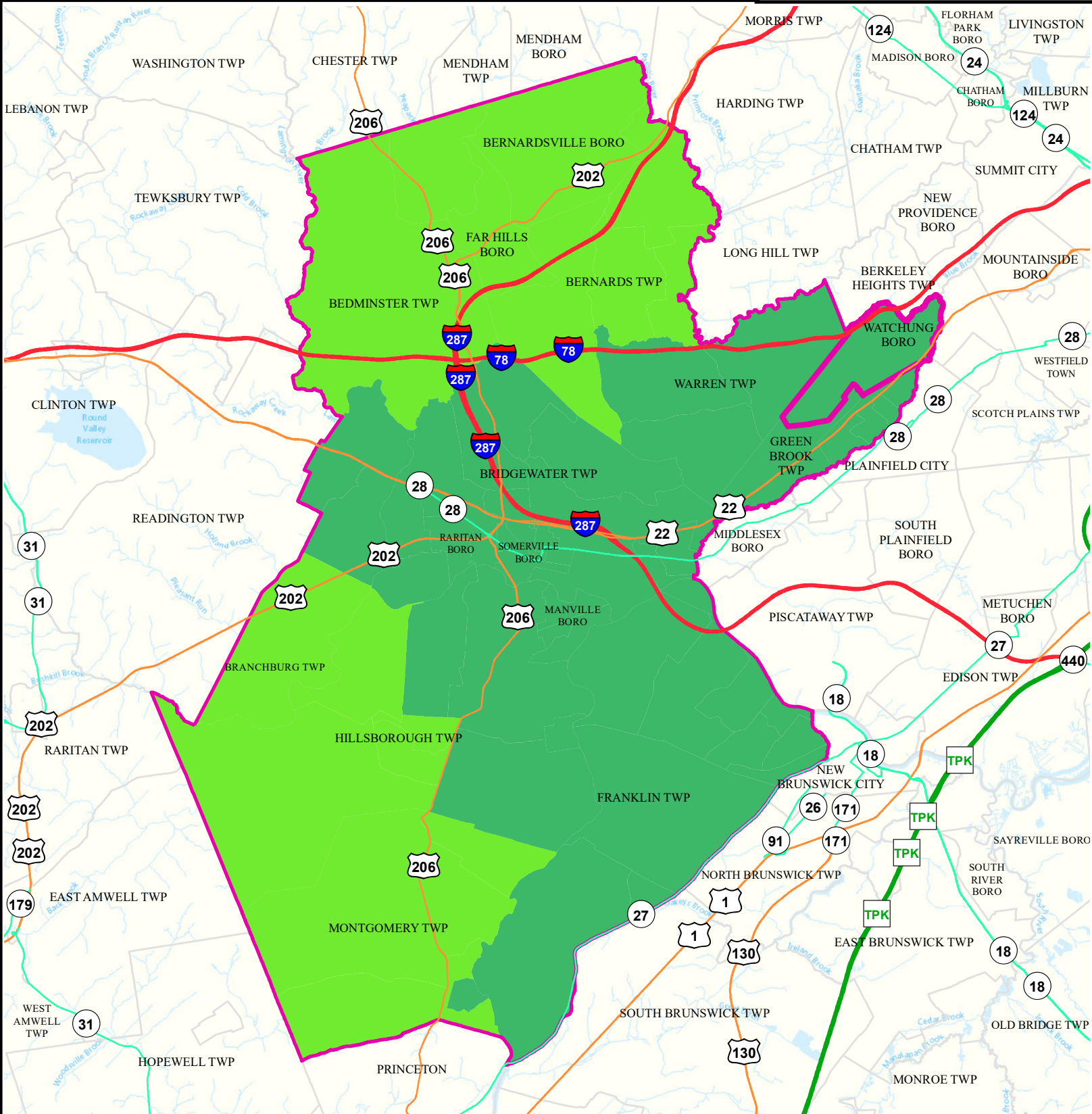
4.01 - 8.09



Date: 9/28/2022

0 1.5 3

Miles





# Air Quality Index (AQI)

WATCHUNG BORO

SOMERSET

## Legend

-  Municipalities
-  WATCHUNG BORO

## Average AQI Days

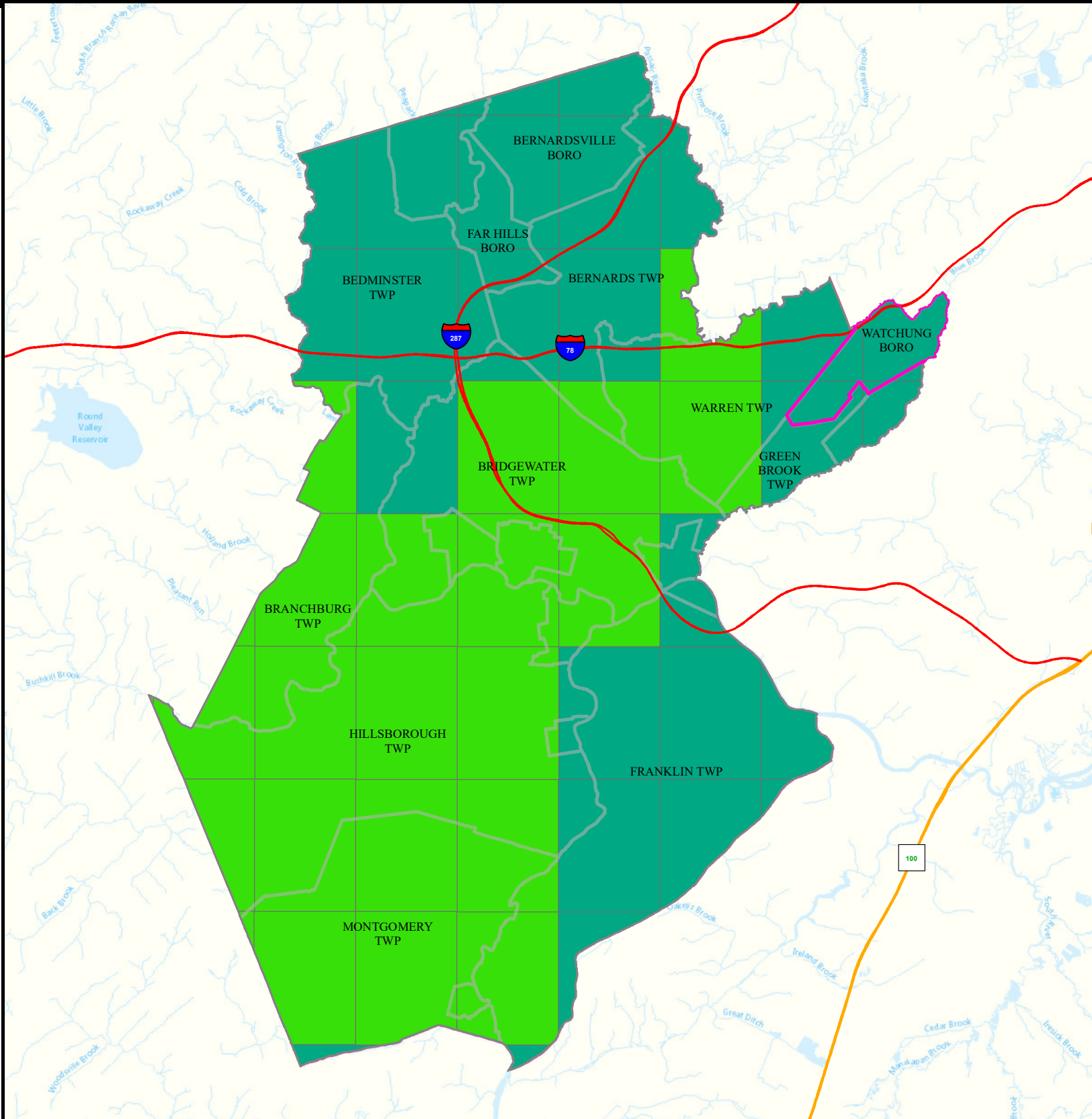
- |   |   |
|---|---|
|  0 - 1   |  3.5 - 6.5 |
|  1.5 - 3 |  7 - 12    |

Air Quality Index (AQI)  
Days above 100 (3 yr Avg)  
2018 to 2020



0 1.5 3  
Miles

Date: 4/18/2022








# Community Drinking Water



**WATCHUNG BORO**

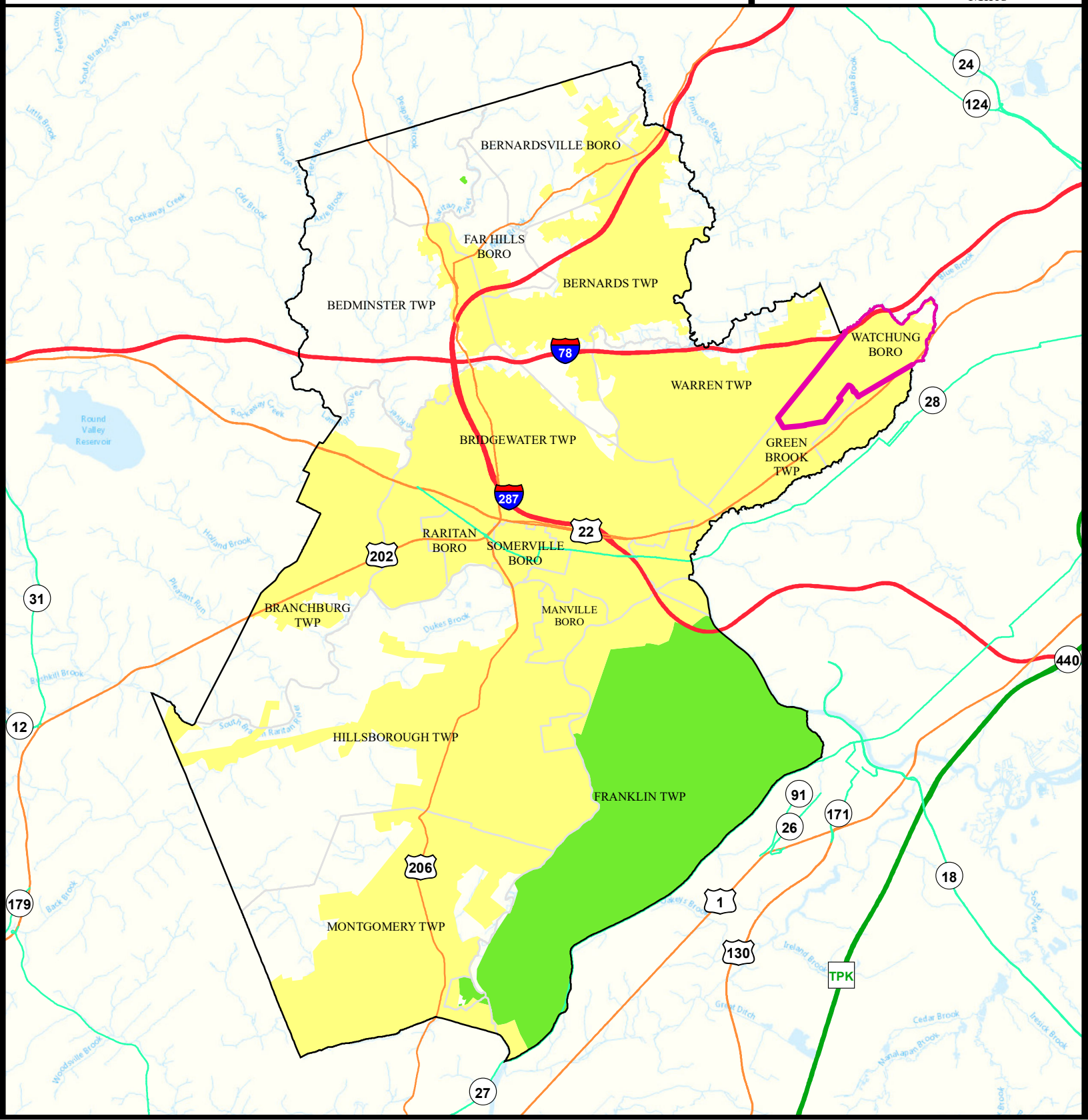
**SOMERSET**

## Legend

-  Counties
-  WATCHUNG BORO
-  Municipalities

MCL and TT Violations and AL Exceedances	
	0
	1 - 5
	6 - 10
	11 - 15
	16 - 30

N  
  
 Date: 9/27/2022  
 0 1.5 3  
  
 Miles









# Ground Water/Soil

**WATCHUNG BORO**

**SOMERSET**

## Legend

-  Counties
-  Municipalities
-  WATCHUNG BORO
-  Deed Notice Areas
-  Groundwater Contamination Areas (CKE)
-  Groundwater Contamination Areas (CEA)

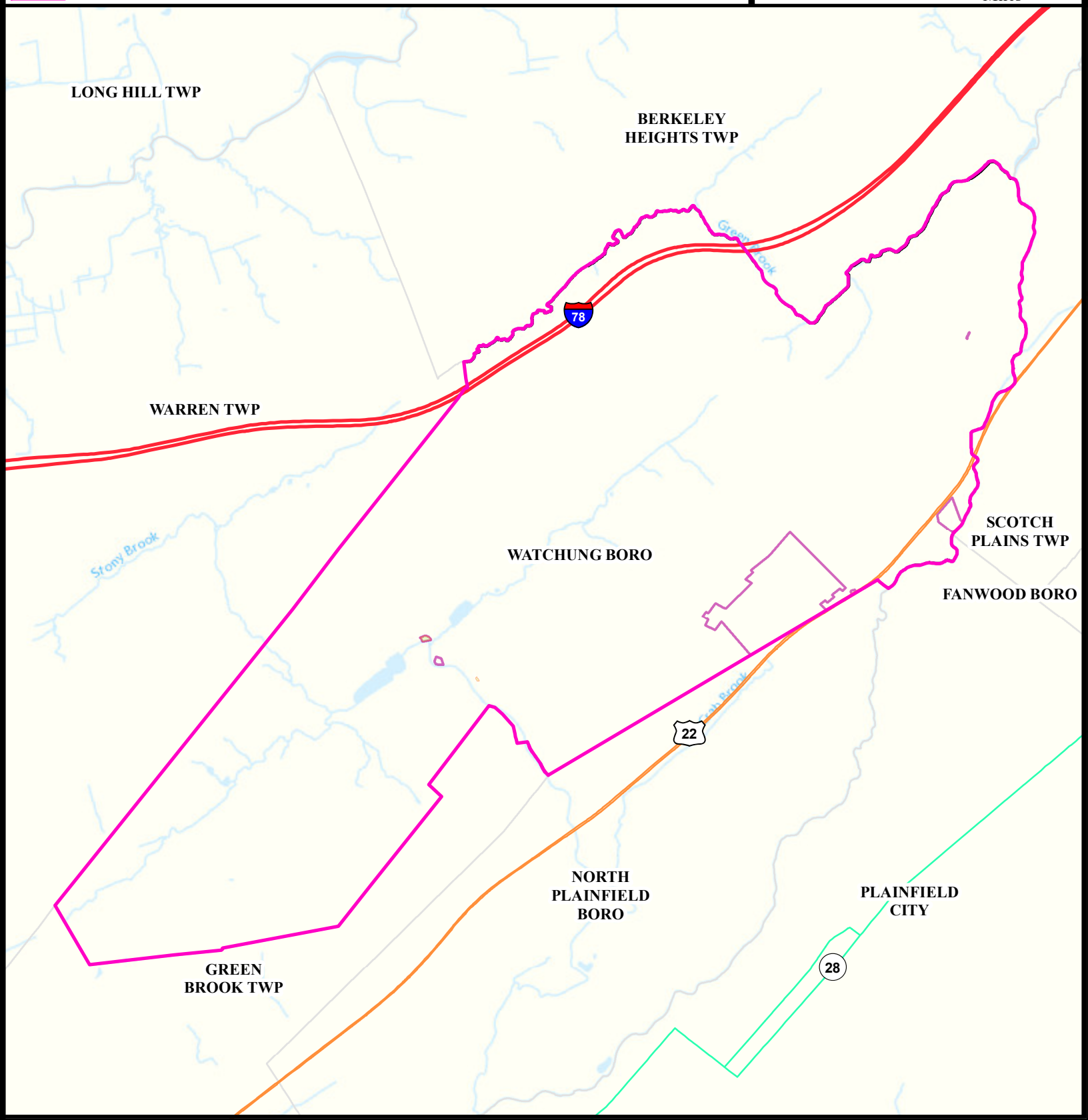


Date: 5/24/2022

0 0.225 0.45



Miles





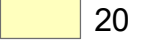











# Surface Water Quality

**WATCHUNG BORO**


**SOMERSET**

## Legend

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


-  Counties
-  Municipalities
-  WATCHUNG BORO

N

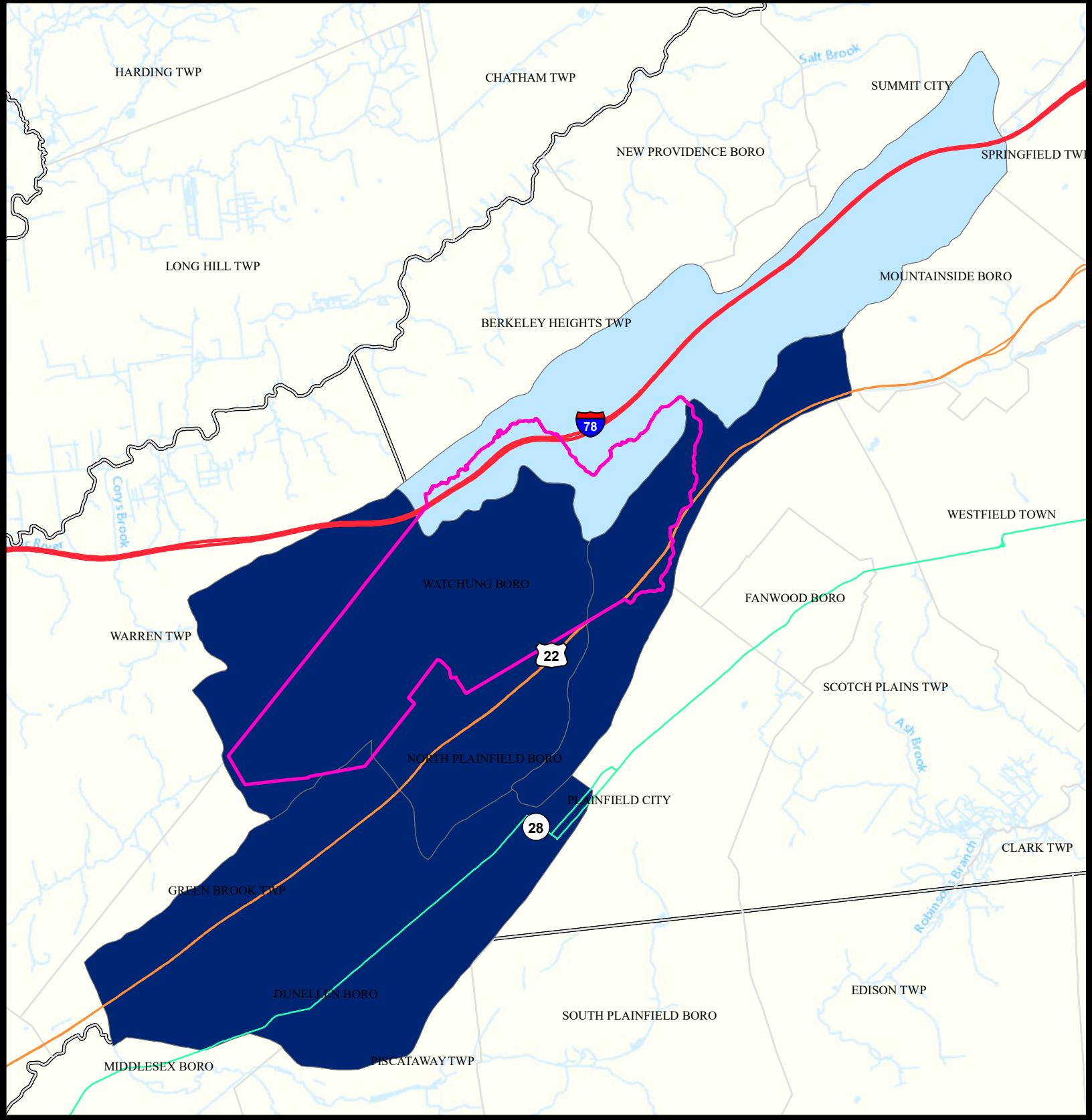


Date: 9/22/2022

0 0.5 1



Miles





## What is a Designated Use?

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.

AU_name	Aquatic_General	Aquatic_Trout	Water_Supply	Recreation	Shellfish	Fish_Consumption
Green Bk (above/incl Blue Brook)	Attaining	Non Attaining	Insufficient Data	Non Attaining	NA	Insufficient Data
Green Bk (N Plainfield gage to Blue Bk)	Non Attaining	Non Attaining	Non Attaining	Non Attaining	NA	Insufficient Data
Green Bk (Bound Bk to N Plainfield gage)	Non Attaining	NA	Non Attaining	Non Attaining	NA	Insufficient Data
Stony Brook (North Plainfield)	Non Attaining	NA	Non Attaining	Non Attaining	NA	Insufficient Data



# Flooding (Urban Land Cover)

**WATCHUNG BORO**

**SOMERSET**

## Legend

Counties

WATCHUNG BORO

Municipalities

Urban Land

Urban Land Flooded

Toll Road

Interstate

US Highway

State Highway

Impacted Roads

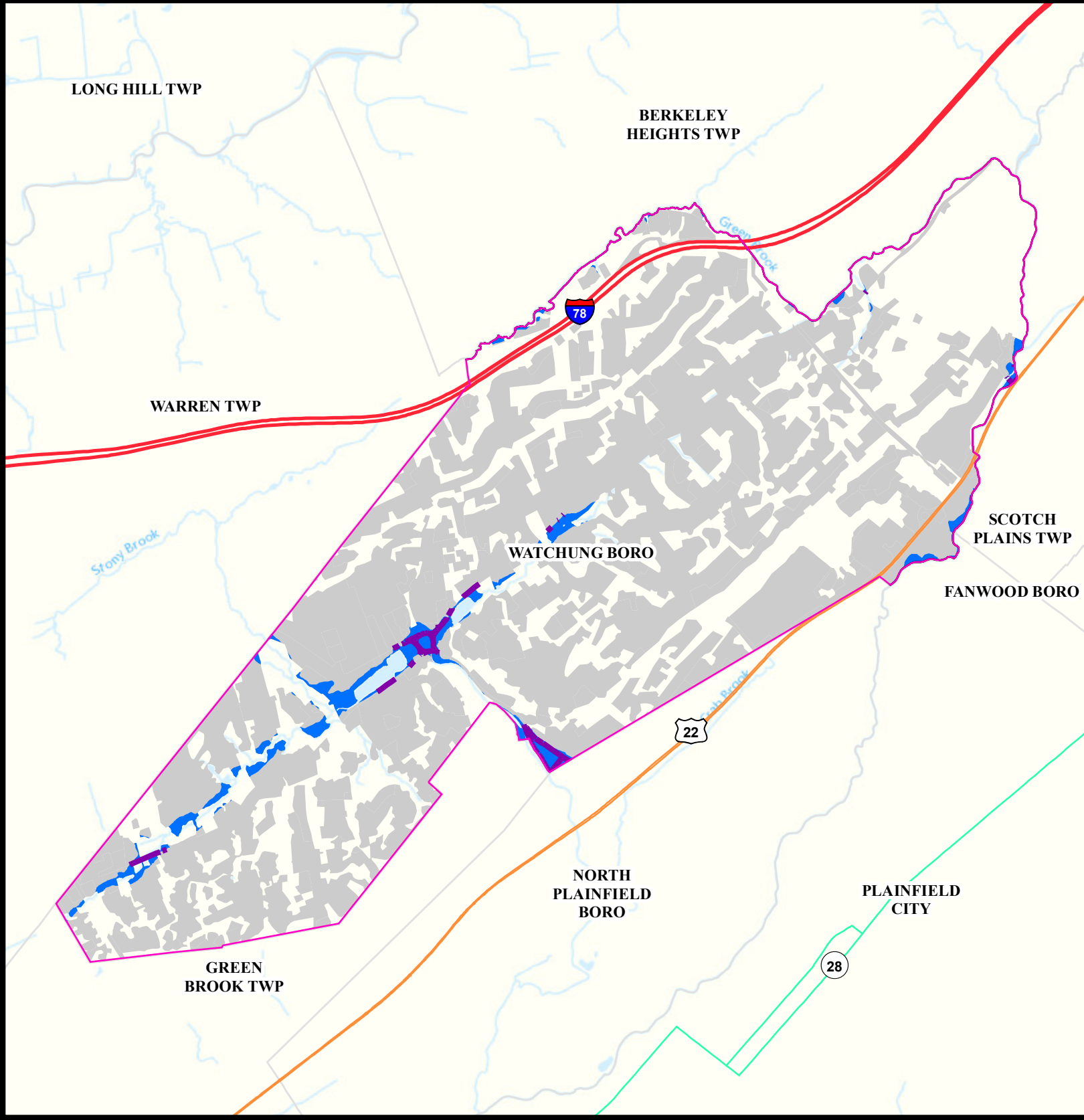
Impacted roads show only county level or higher routes in flooding areas.

Date: 4/12/2022

0 0.225 0.45



Miles



# Air Permit Sources

WATCHUNG BORO

SOMERSET

## Legend

- Counties
- WATCHUNG BORO

## Facility Type

- Major
- Minor

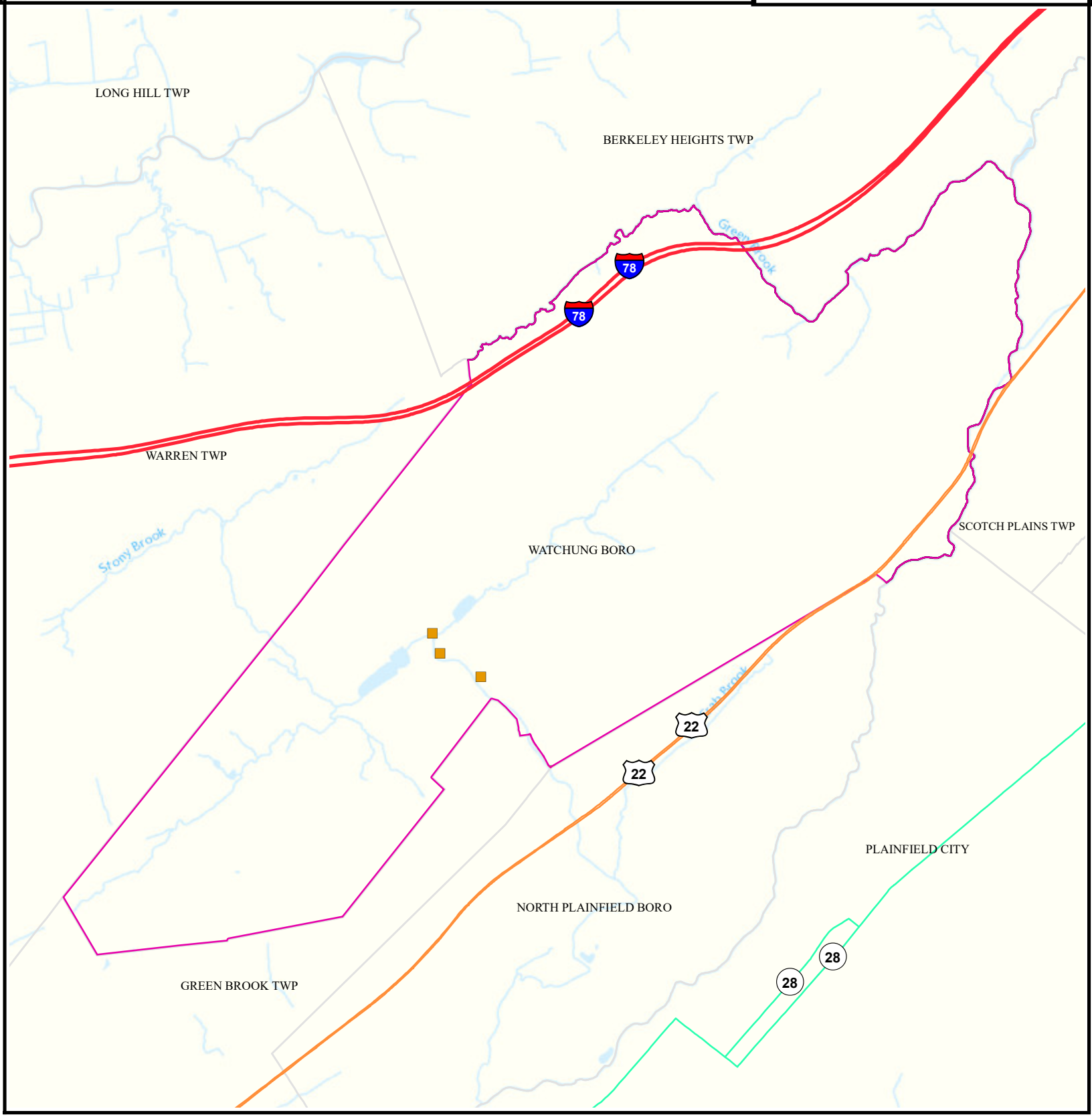


Date: 4/12/2022

0 0.25 0.5



Miles





# Contaminated Sites

WATCHUNG BORO


SOMERSET

## Legend

- Counties
- WATCHUNG BORO
- Municipalities


- Known Contaminated Sites
- Density Weighting
- 0
  - 1
  - 2
  - 3
  - Other

N

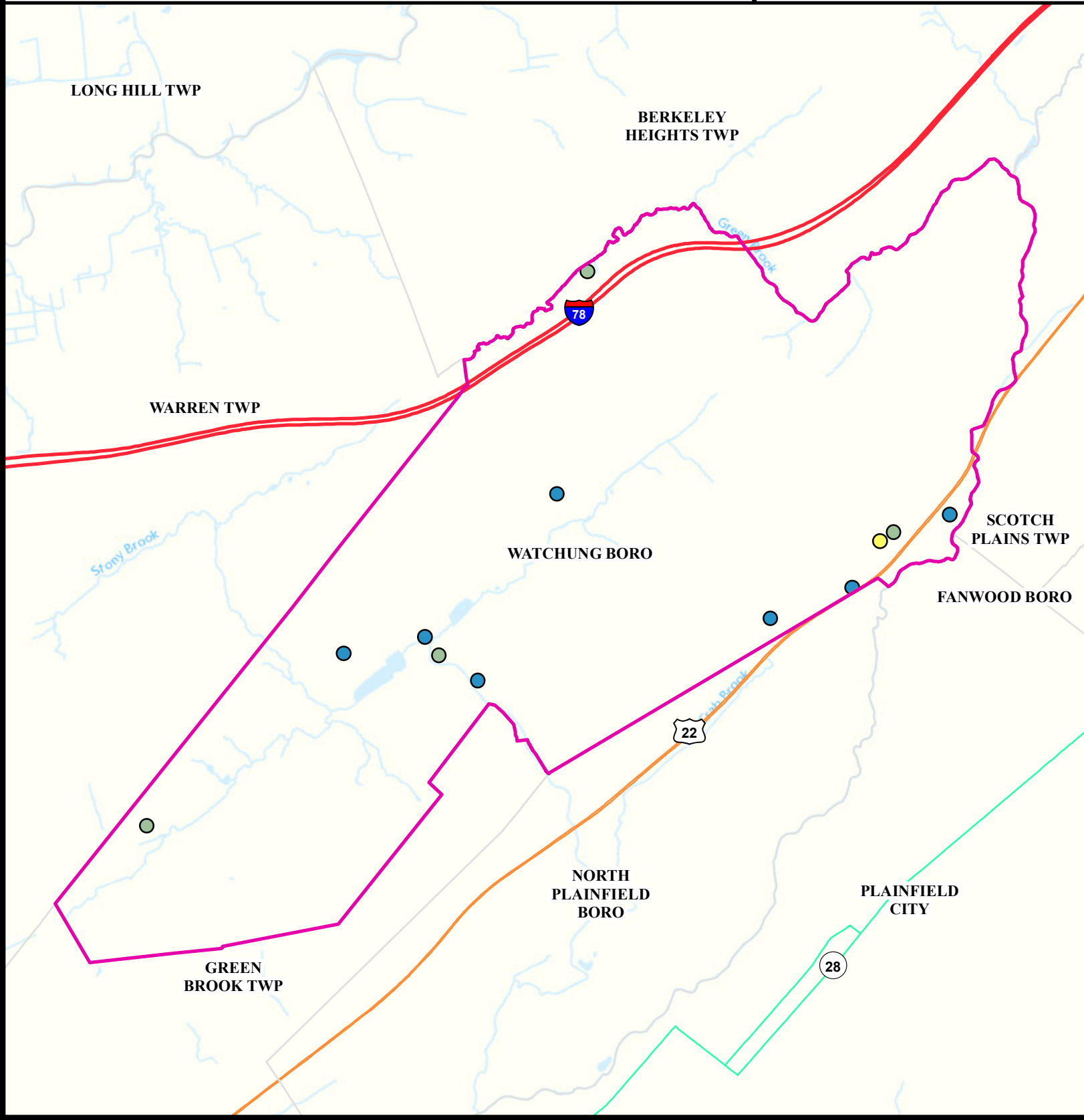


Date: 5/24/2022

0 0.225 0.45



Miles






# Scrap Metal Facilities



**WATCHUNG BORO**

**SOMERSET**

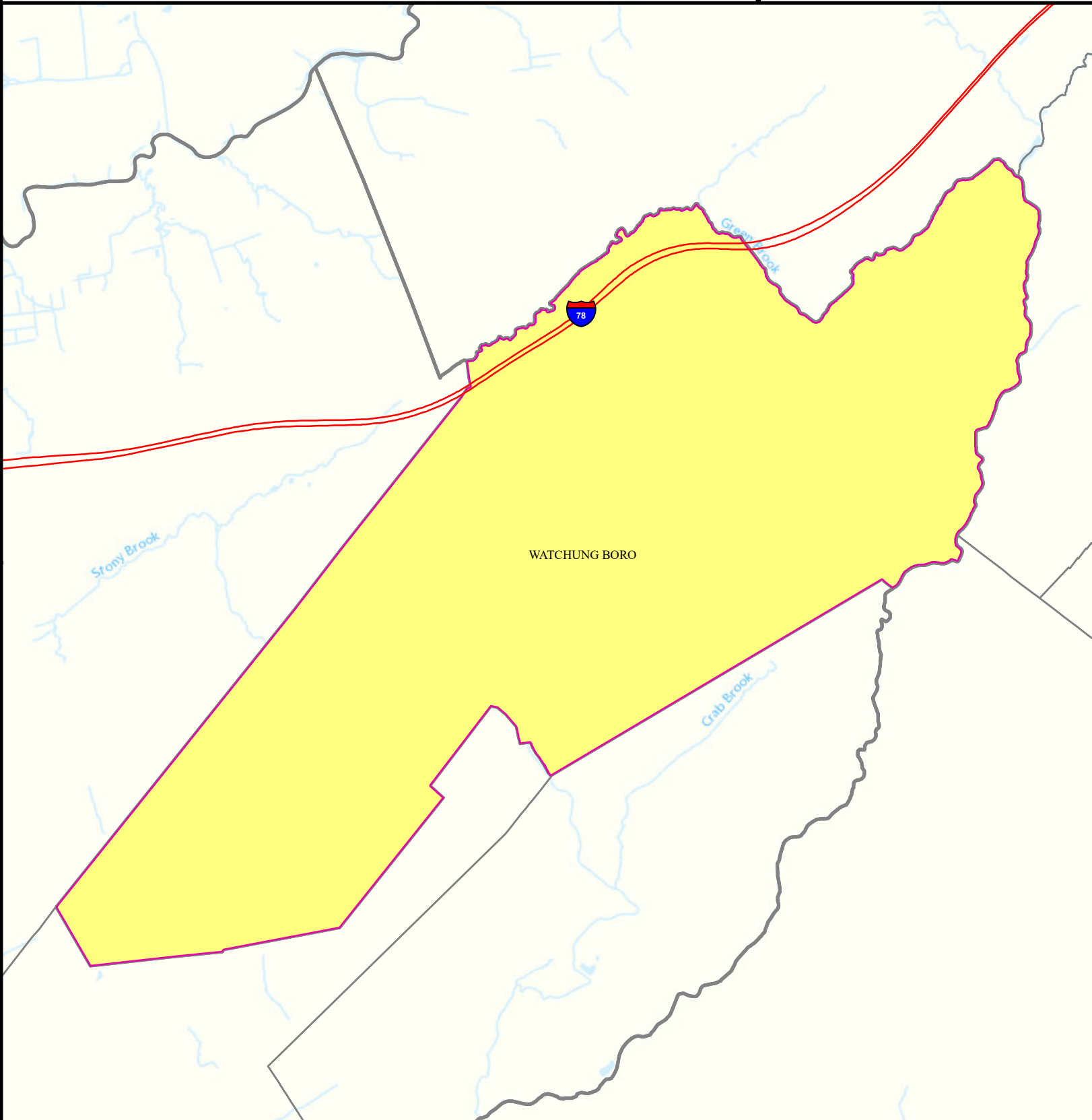
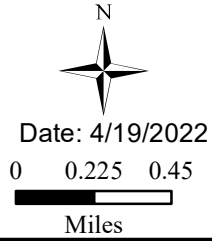
## Legend

-  Municipalities
-  WATCHUNG BORO
-  Scrap Metal Facility

## Sites Per Square Mile

- |  |   |
|--|---|
|  0 - 0.29   |  2.3 - 4.4 |
|  0.30 - 1.1 |  4.5 - 8.3 |
|  1.2 - 2.2  |   |

Scrap Metal Processing  
Sites per Sq Mile  
2022



# Open Space

WATCHUNG BORO

SOMERSET

## Legend

Counties

WATCHUNG BORO



Open Space



Residential Population  
> 1/4 Mile from Open Space

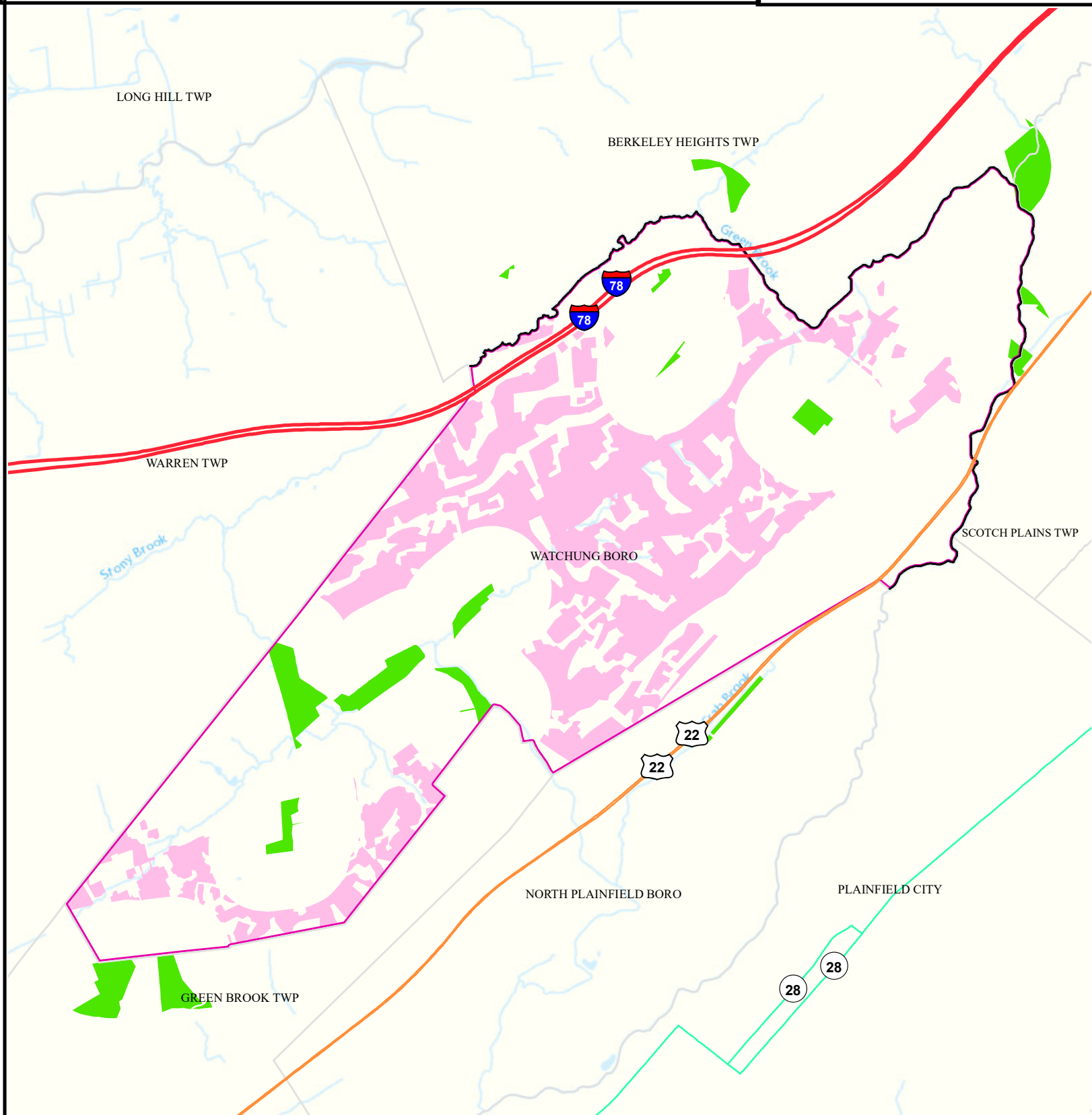


Date: 9/27/2022

0 0.25 0.5



Miles





# Traffic

## WATCHUNG BORO

## SOMERSET

### Legend

- Counties
- WATCHUNG BORO
- 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+

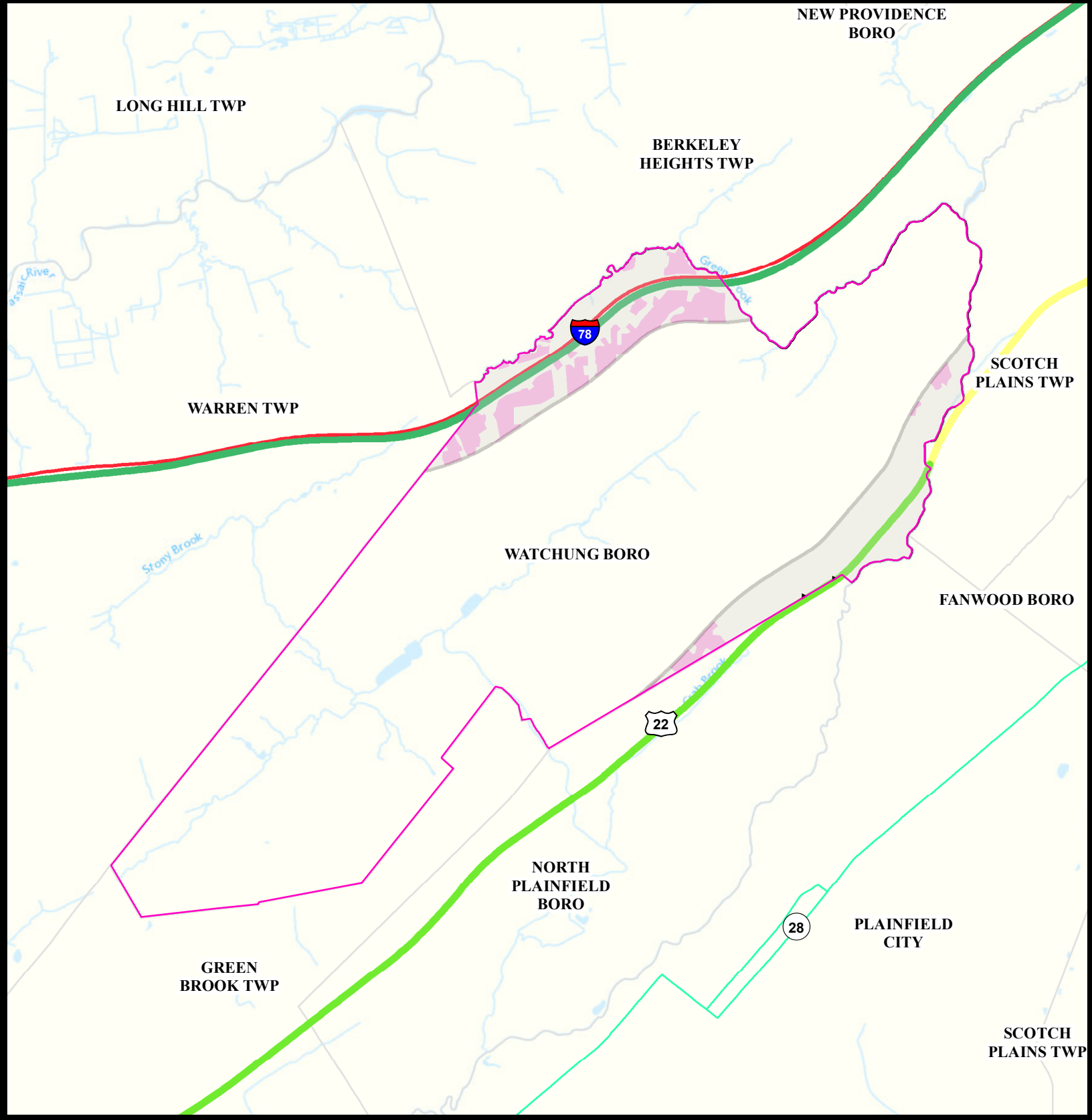
Receptors	Count
Childcare	0
School	0
Population	689

N

Date: 4/19/2022

0    0.275    0.55

Miles





# Low Birth Weight





Watchung Boro

Somerset

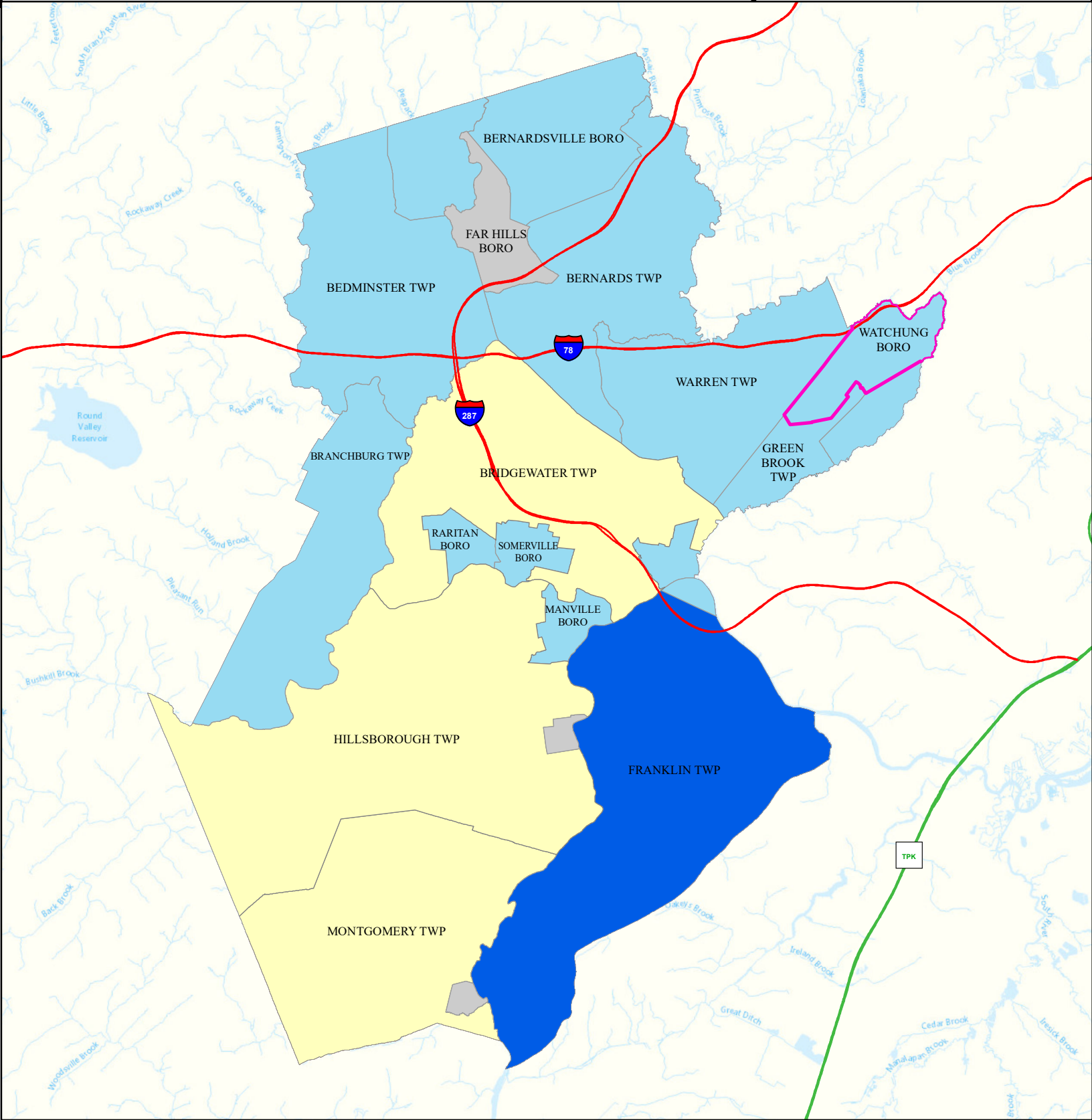
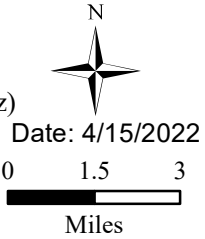
## Legend

-  Municipalities
-  Watchung Boro

## State Comparison

-  Above
-  No Difference
-  Below
-  Suppressed

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



# Age of Housing

**WATCHUNG BORO**


**SOMERSET**

## Legend

- Counties
- Municipalities
- WATCHUNG BORO


- Year House Constructed**
- Pre 1950
  - Between 1951 and 1978
  - After 1978
  - Unknown

N

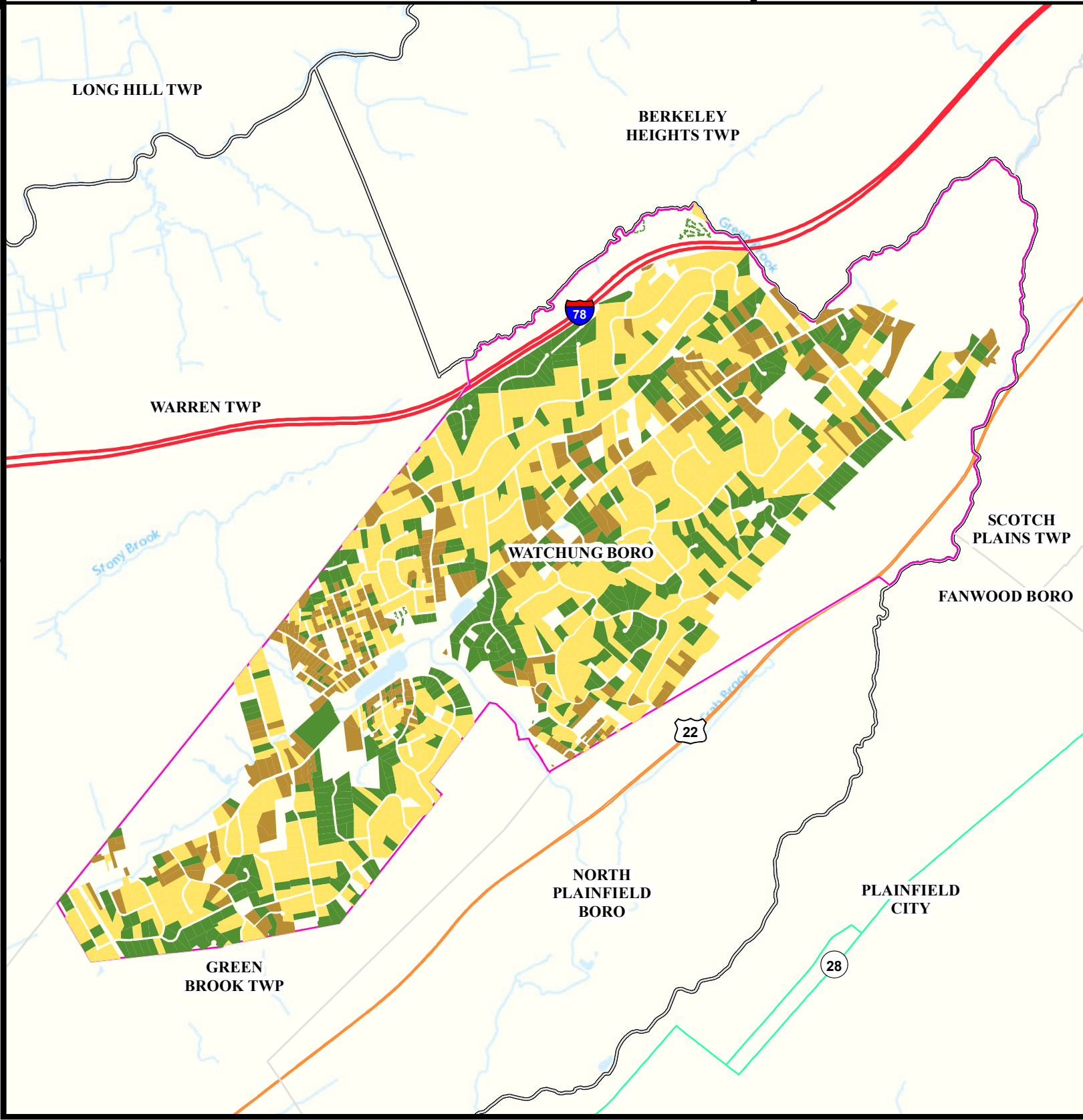


Date: 4/12/2022

0 0.225 0.45



Miles







# Asthma (Emergency Department)

Watchung Boro

Somerset

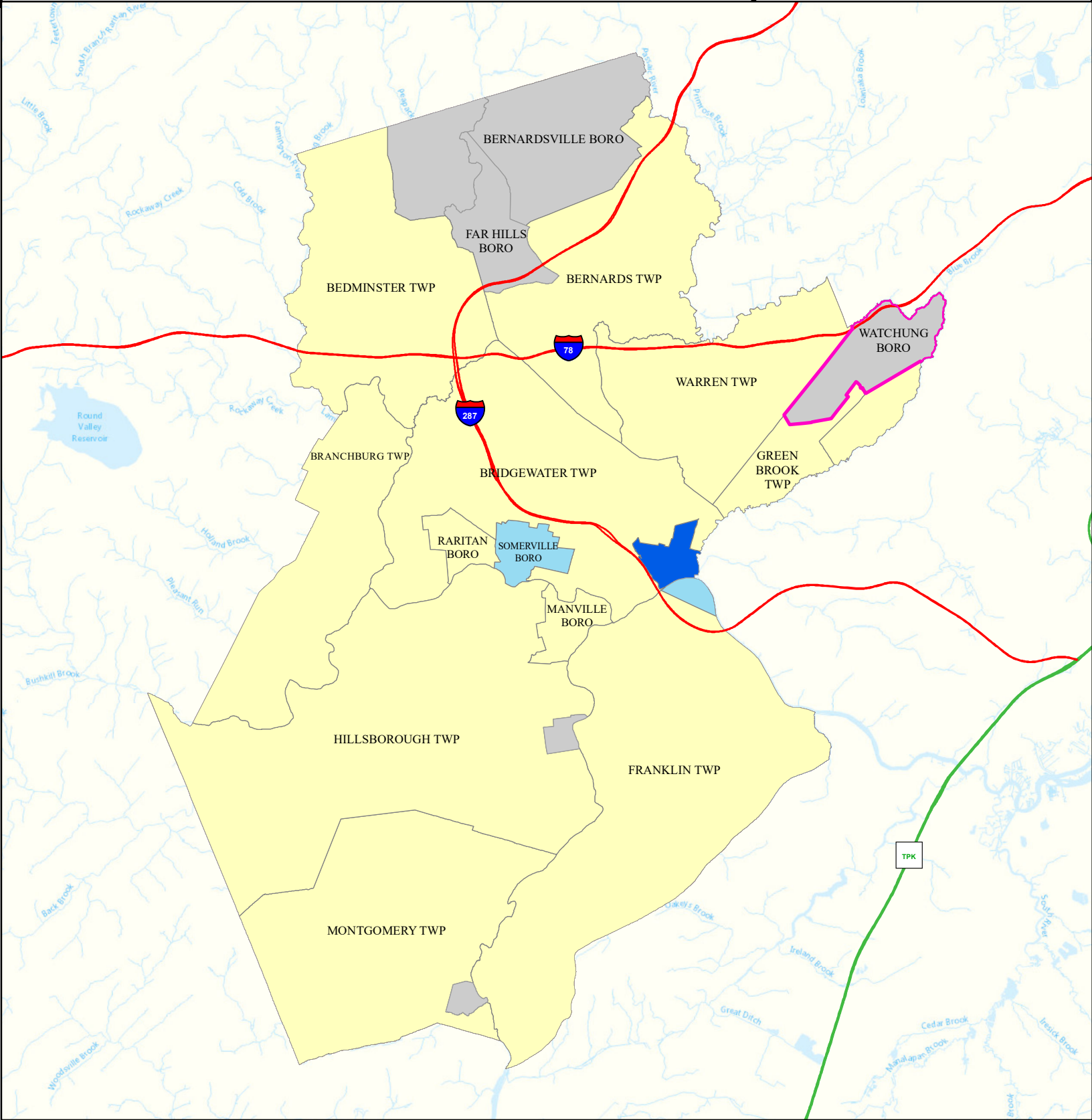
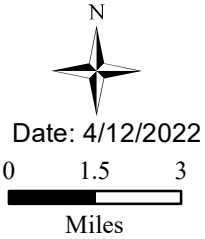
## Legend

-  Municipalities
-  Watchung Boro

## State Comparison

-  Above
-  No Difference
-  Below
-  Suppressed

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





# Heart Attack (AMI) (Inpatient)





**Watchung Boro**

**Somerset**

## Legend


-  Municipalities
-  Watchung Boro

## State Comparison

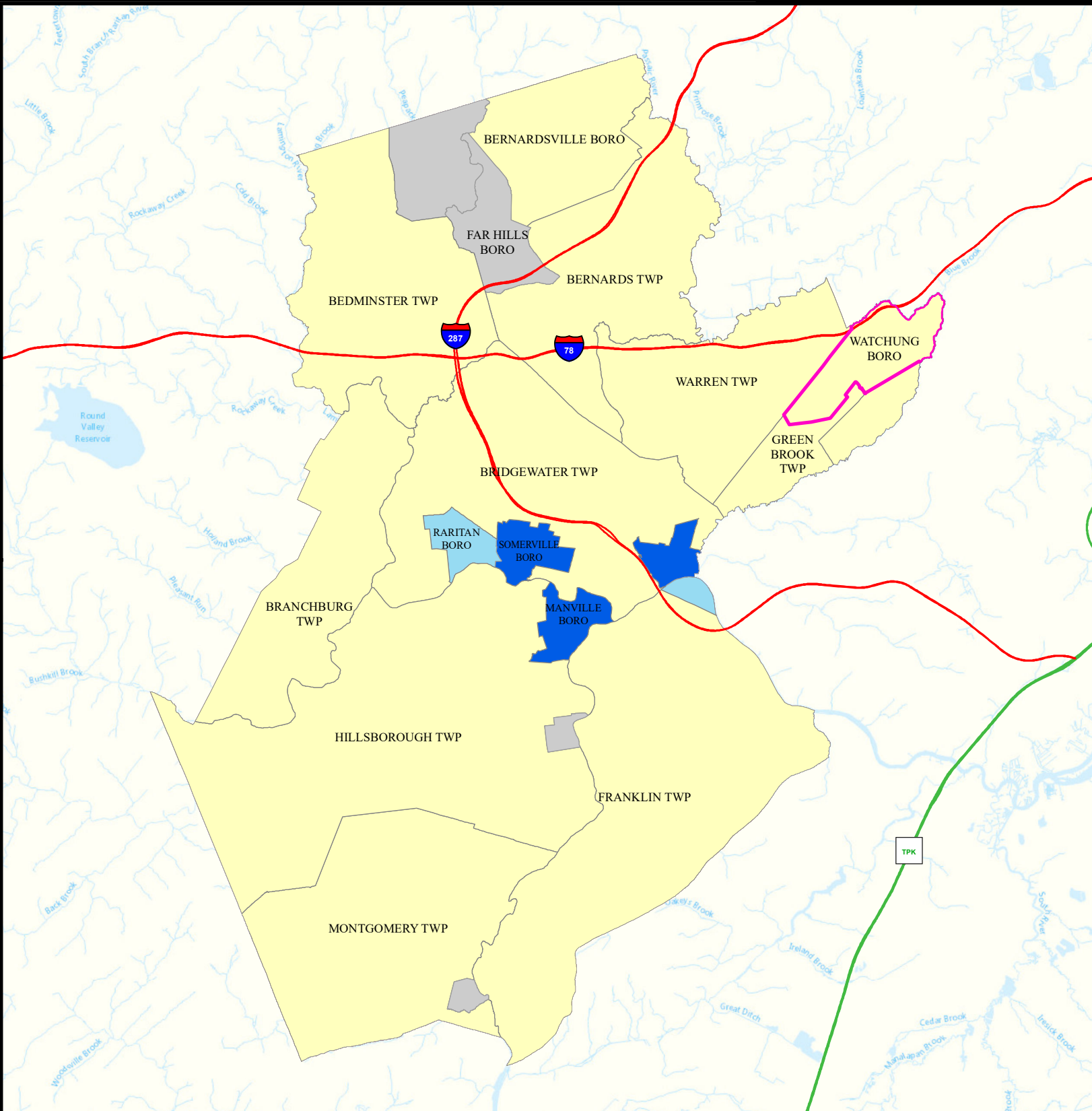
-  Above
-  No Difference
-  Below
-  Suppressed

Age-adjusted Rate  
per 10,000 People  
2016 to 2019  
Inpatient Visits for AMI  
(Acute Myocardial Infarction) 0 1.25 2.5

Date: 4/11/2022



Miles





# Heart Disease Deaths





## Watchung Boro

## Somerset

### Legend

-  Municipalities
-  Watchung Boro


### State Comparison

-  Above
-  No Difference
-  Below
-  Suppressed

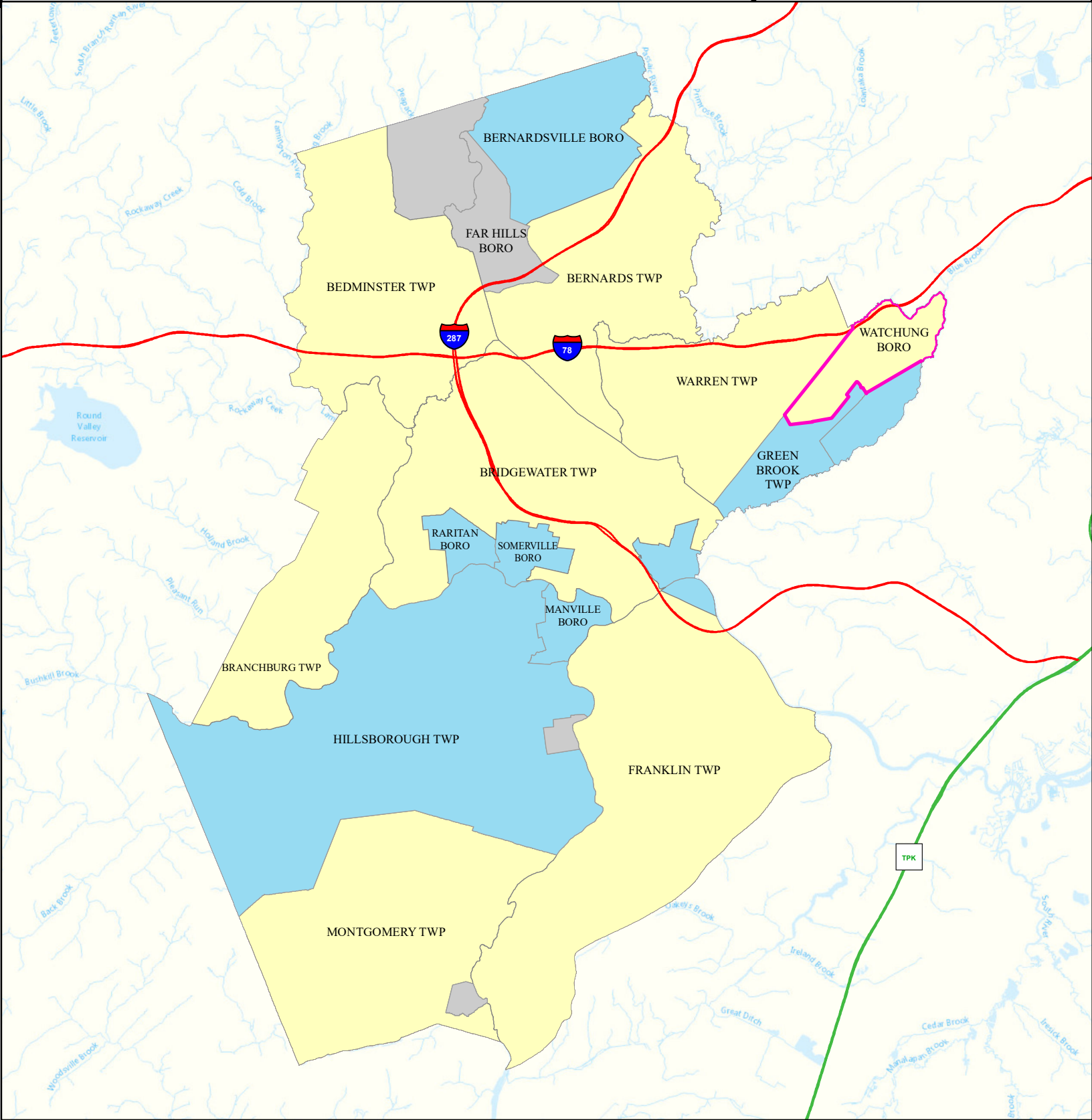
Age-adjusted Death Rate  
per 100,000 People  
2015 to 2019

Deaths for Heart Disease

Date: 4/16/2022



0 1.5 3  
Miles







# COPD (Emergency Department)





Watchung Boro

Somerset

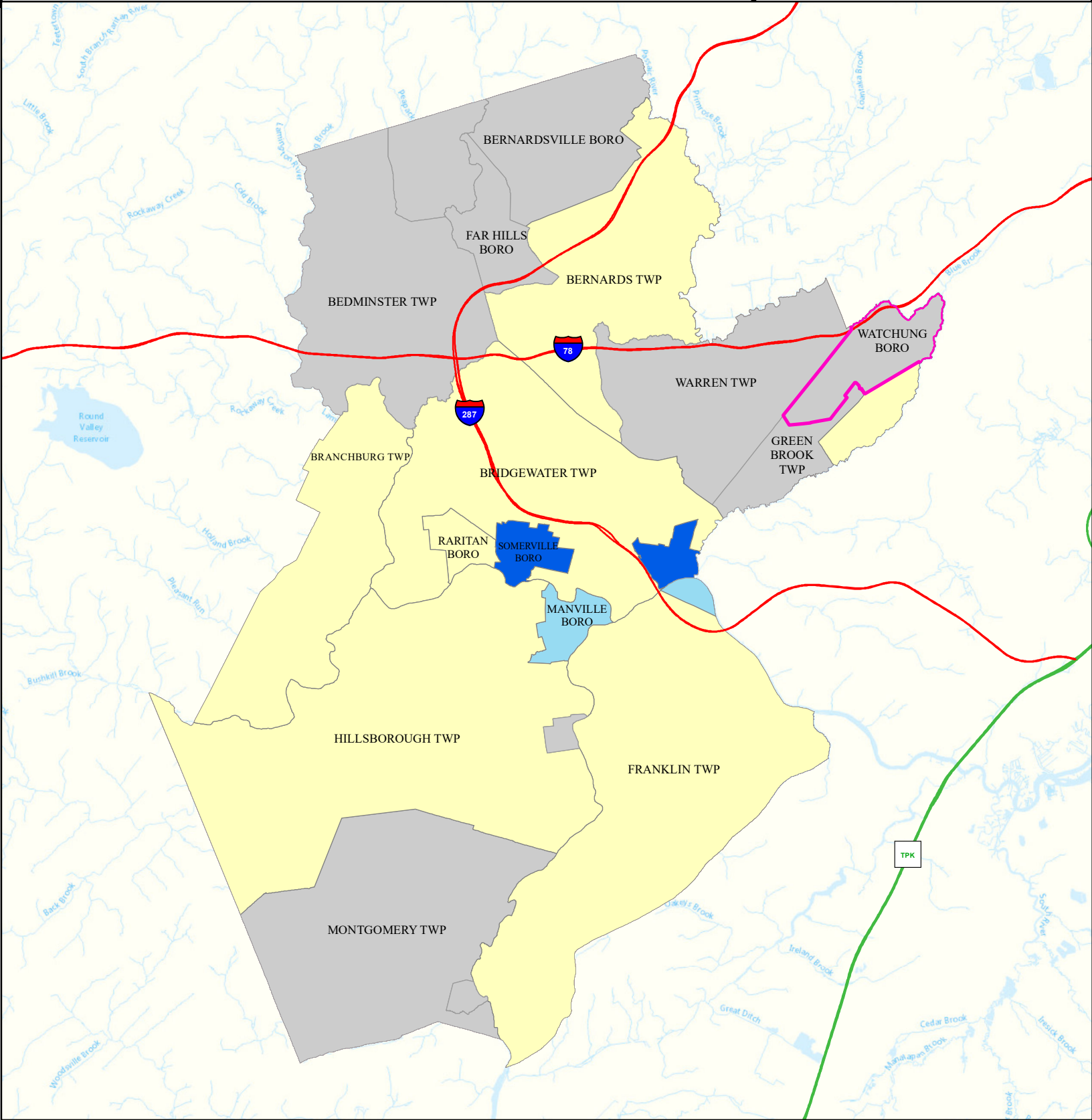
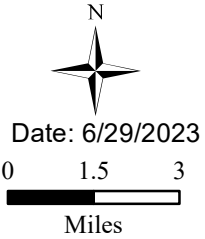
## Legend

-  Municipalities
-  Watchung Boro

## State Comparison

-  Above
-  No Difference
-  Below
-  Suppressed

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



# Stroke (Inpatient)

Watchung Boro

Somerset

## Legend

- Municipalities
- Watchung Boro

## State Comparison

- Above
- Below
- No Difference
- Suppressed

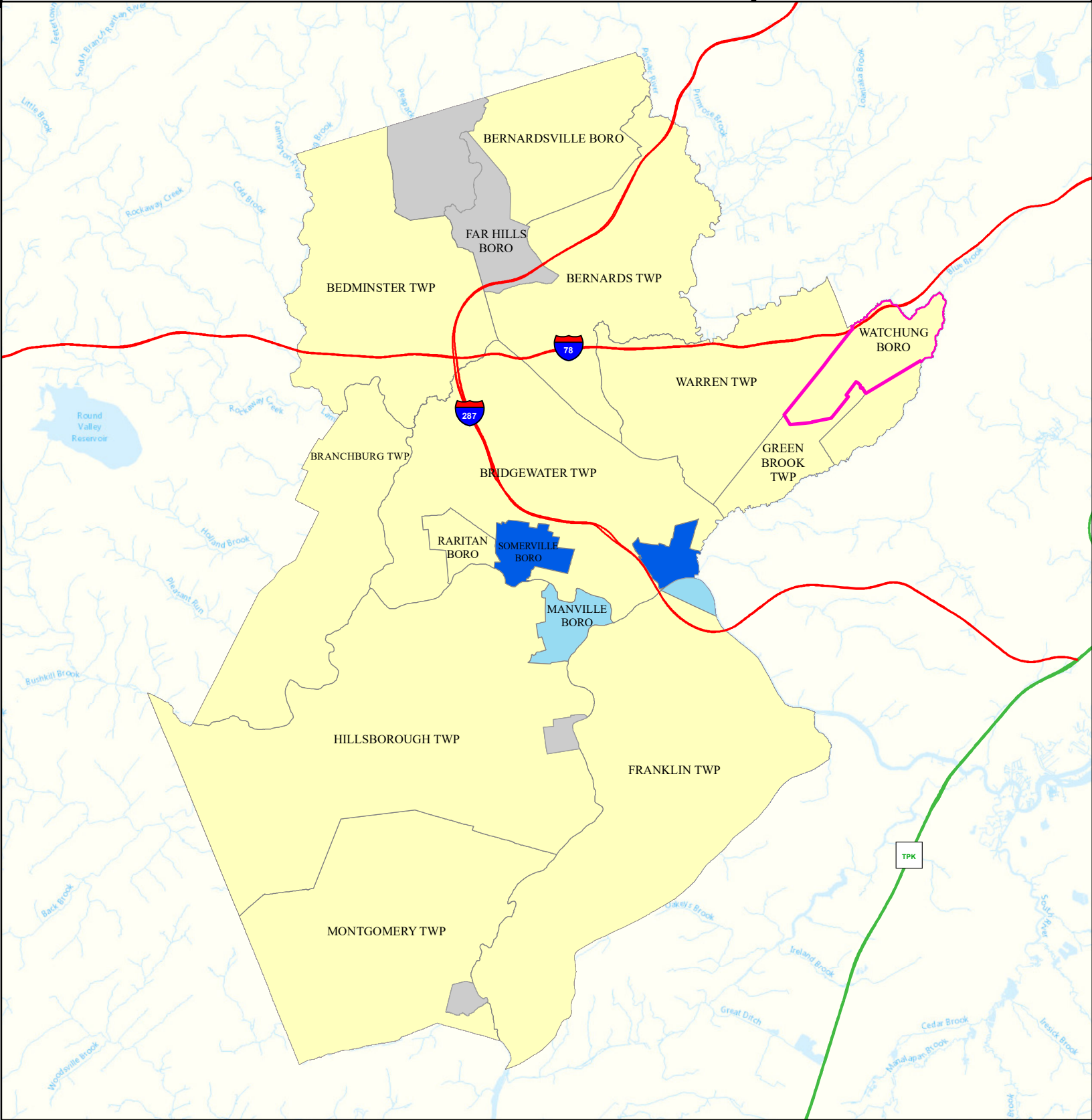
Age-adjusted Rate per 10,000 People 2016 to 2019 Inpatient Visits for Stroke



Date: 4/14/2022

0 1.5 3

Miles





# All Cancer Deaths





Watchung Boro

Somerset

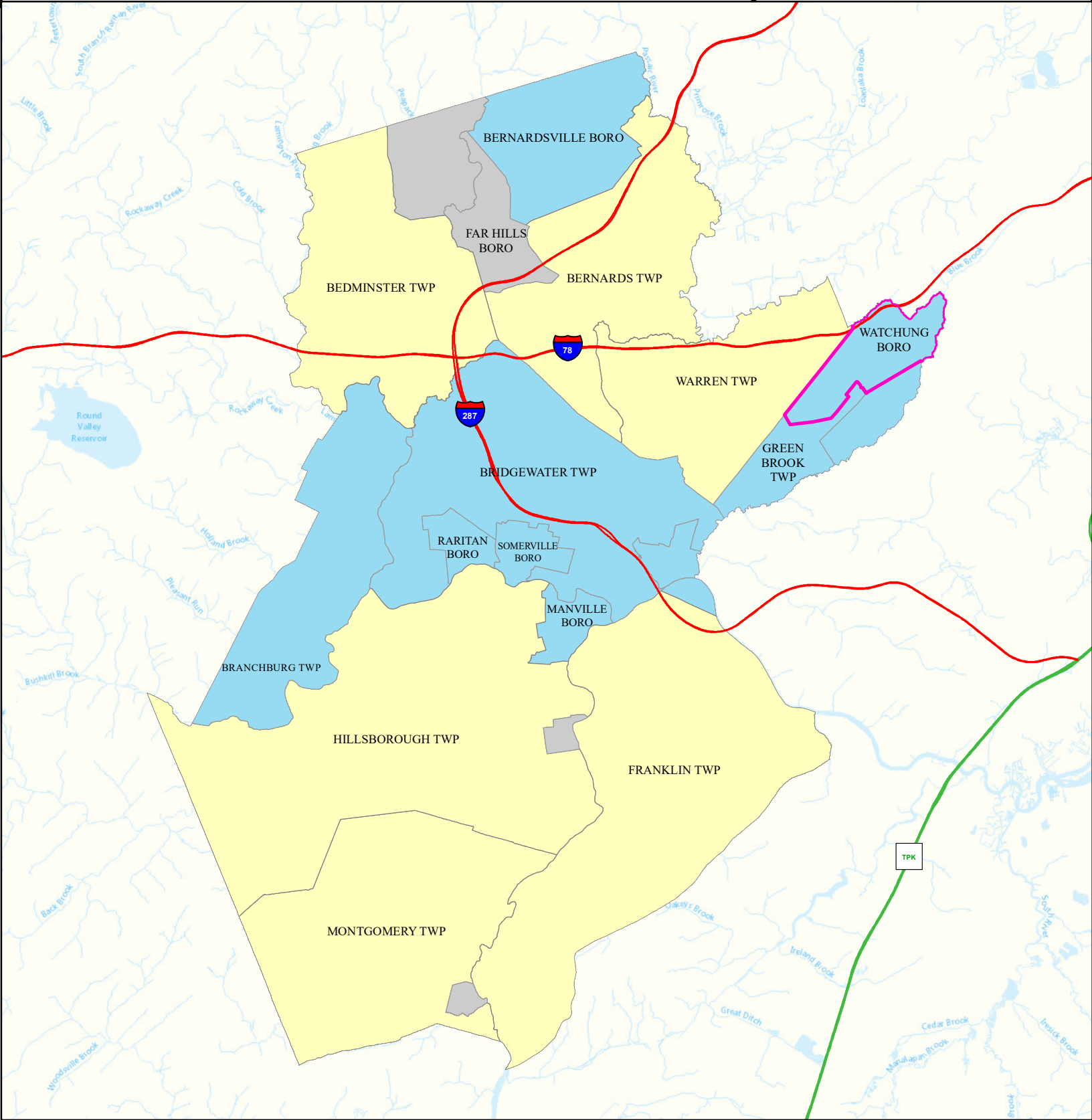
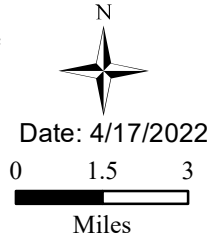
## Legend

-  Municipalities
-  Watchung Boro

## State Comparison

-  Above
-  No Difference
-  Below
-  Suppressed

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







# Lung Cancer Deaths





**Watchung Boro**

**Somerset**

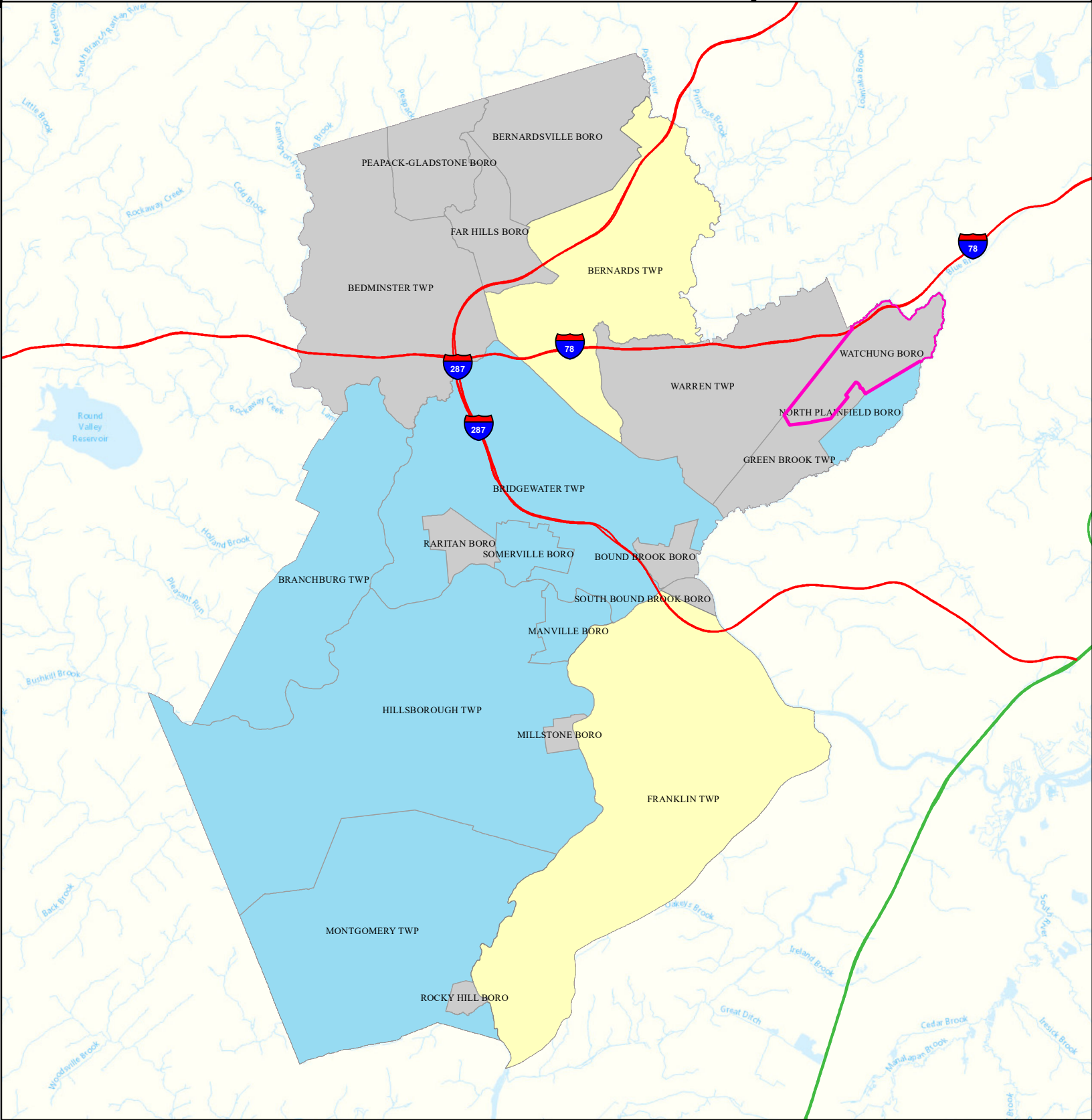
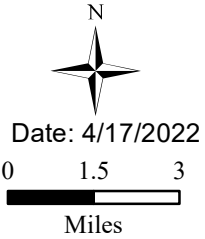
## Legend

-  Municipalities
-  Watchung Boro

## State Comparison

-  Above
-  No Difference
-  Below
-  Suppressed

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



# Smoking

## Watchung Boro

## Somerset

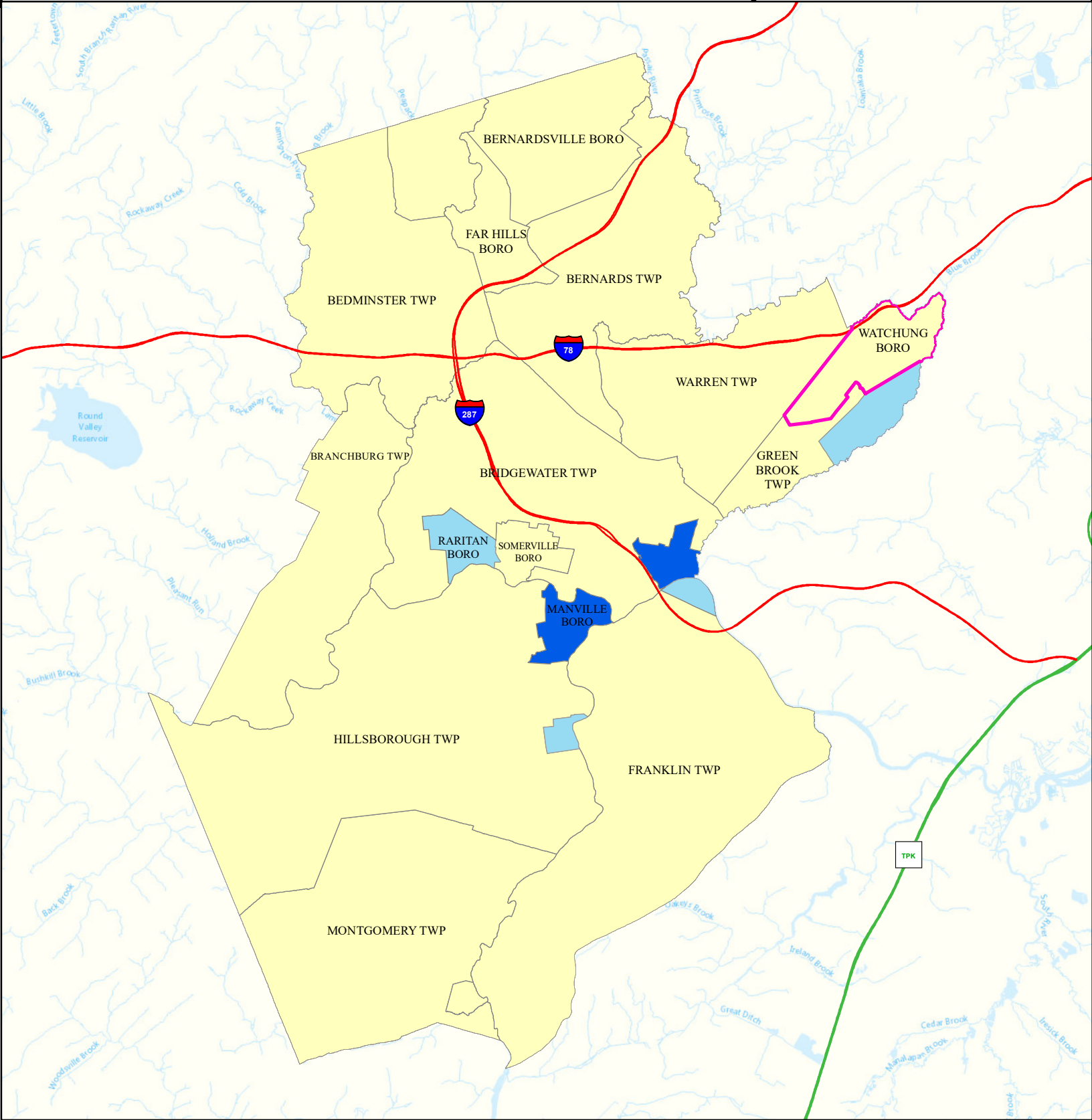
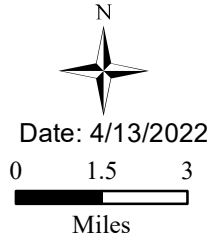
### Legend

- Municipalities
- Watchung Boro

### State Comparison

- Above
- Below
- No Difference
- Suppressed

Smoking Rate  
Per Municipal  
% of Adults  
2018





# Obesity





## Watchung Boro

## Somerset

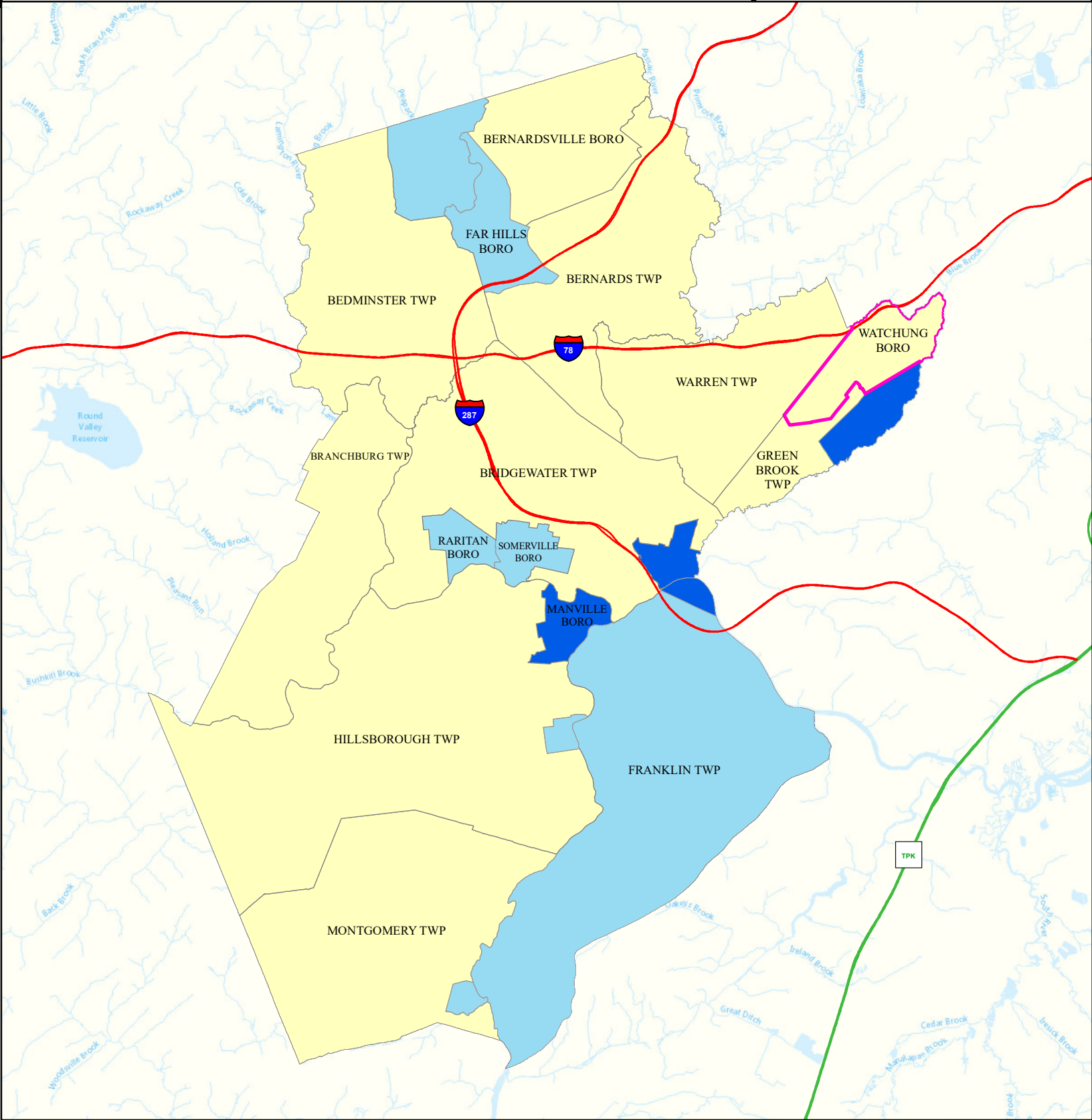
### Legend

-  Municipalities
-  Watchung Boro

### State Comparison

-  Above
-  No Difference
-  Below
-  Suppressed

Obesity Rate  
Per Municipal  
% of Adults  
2018







# Heat Related Illness (Emergency Department)

**Watchung Boro**

**Somerset**

## Legend

-  Municipalities
-  Watchung Boro

## State Comparison

-  Above
-  Below
-  No Difference
-  Suppressed

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

