

# Health Care Facilities

SOMERVILLE BORO

SOMERSET

## Legend

- Counties
- SOMERVILLE BORO

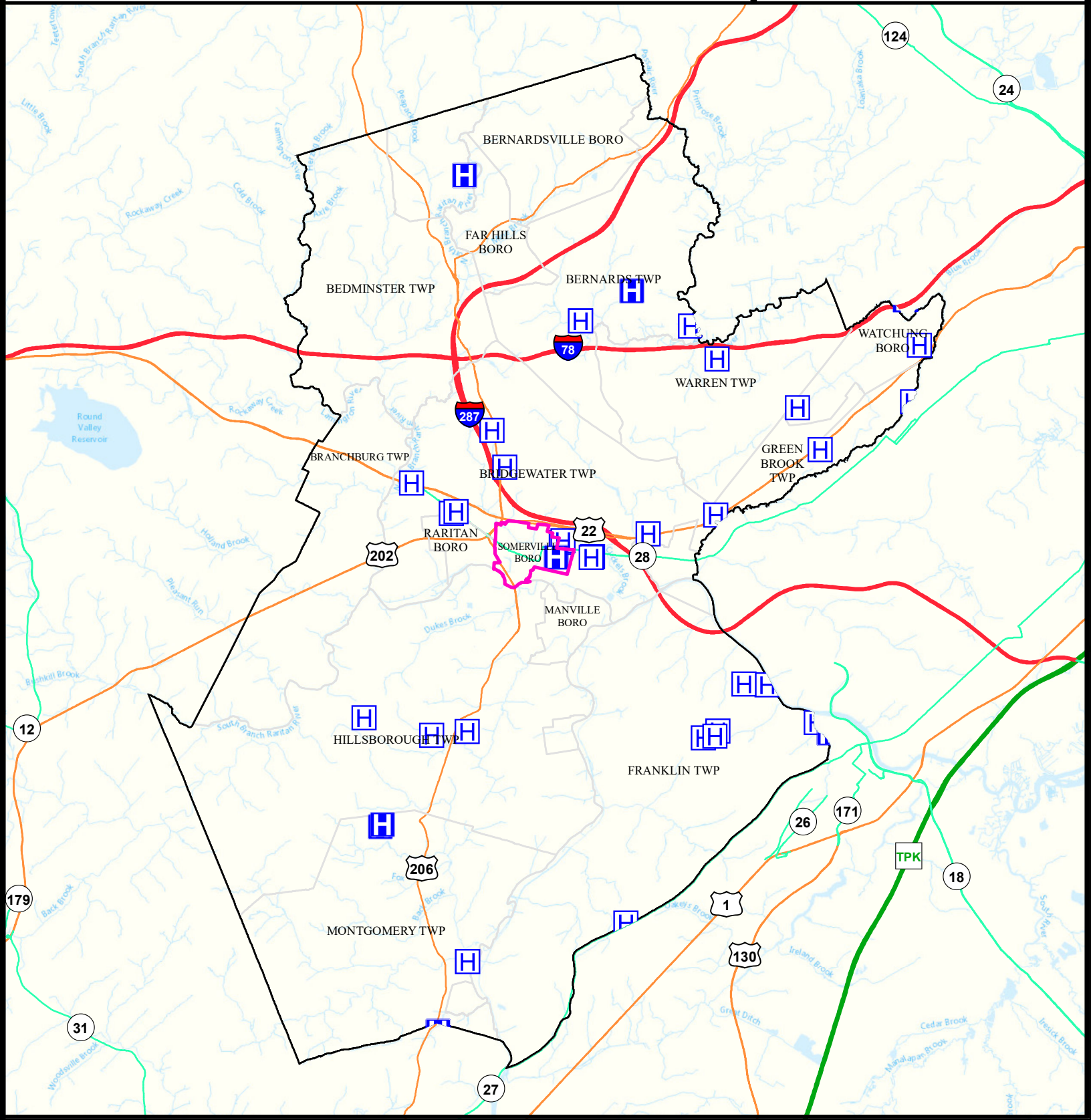
- Hospitals
- Nursing Homes
- Municipalities

N

Date: 9/22/2022

01.53

Miles



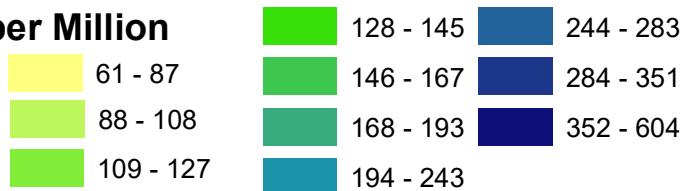
# Air Cancer Risk

# SOMERVILLE BORO

## SOMERSET

## Legend

## Risk per Million



## Counties

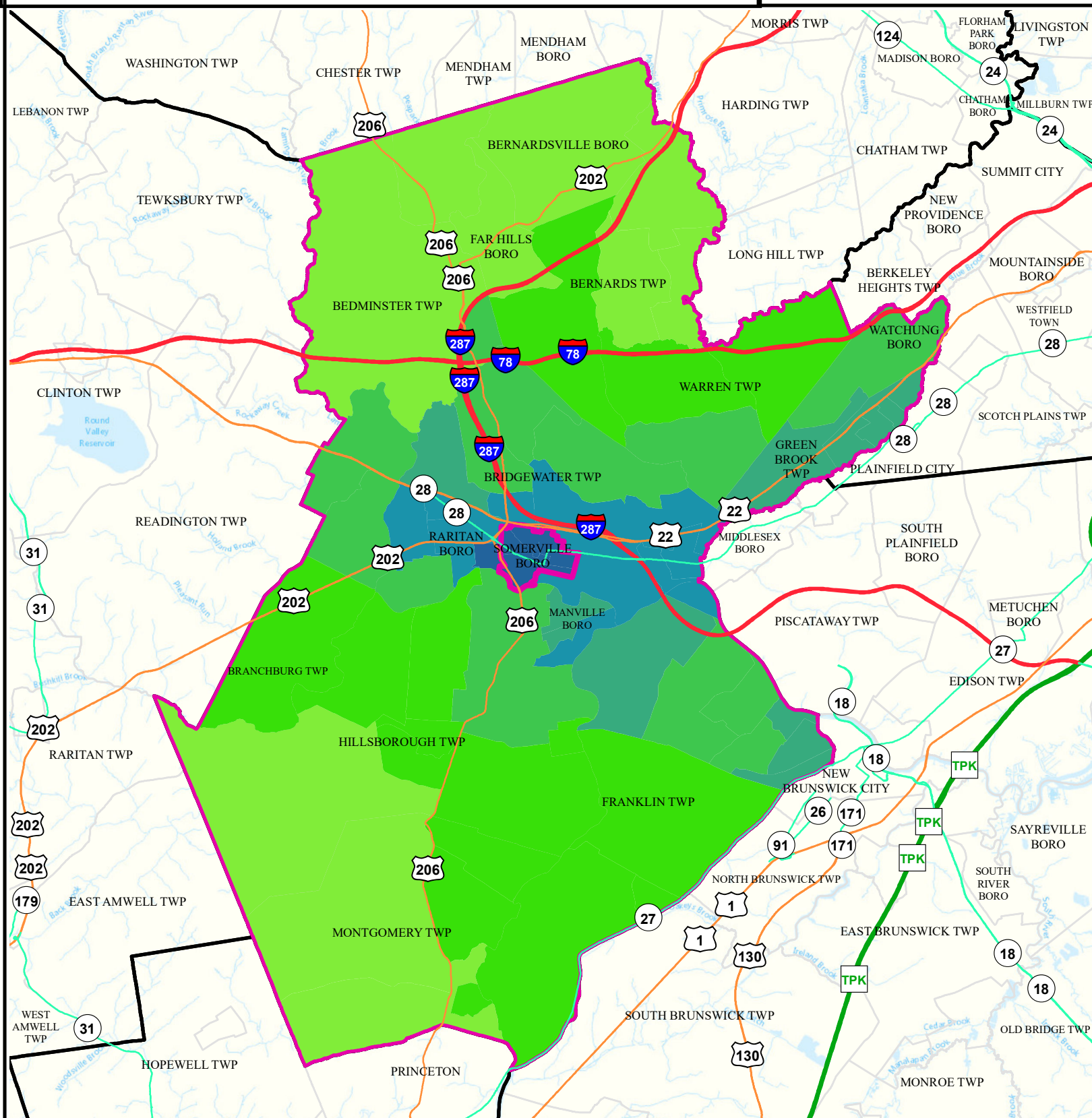
**SOMERVILLE BORO**



Date: 9/28/2022

Age Group	Percentage
18-24	2.8
25-34	2.5
35-44	2.2
45-54	2.0
55-64	1.8
65-74	1.5
75-84	1.2
85+	1.0

Miles





# Air Non Cancer

## SOMERVILLE BORO

## SOMERSET

### Legend

Combined Hazard Index



0.75 - 1.00



1.01 - 2.00



2.01 - 3.00



3.01 - 4.00



4.01 - 8.09

Counties

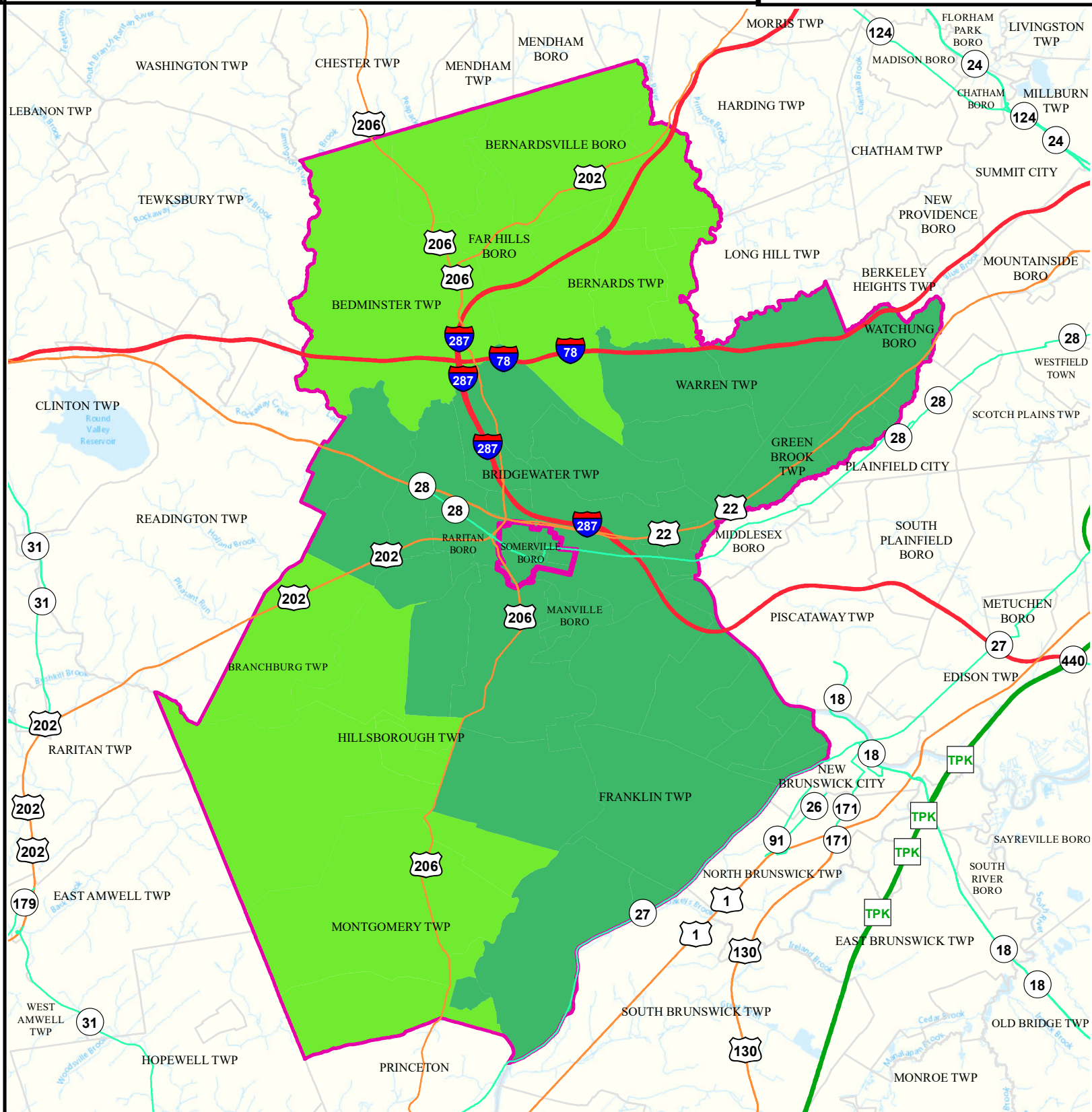
SOMERVILLE BORO



Date: 9/28/2022

0 1.5 3

Miles




# Air Quality Index (AQI)

SOMERVILLE BORO

SOMERSET

## Legend

 Municipalities

 SOMERVILLE BORO

## Average AQI Days

 0 - 1

 1.5 - 3

 3.5 - 6.5

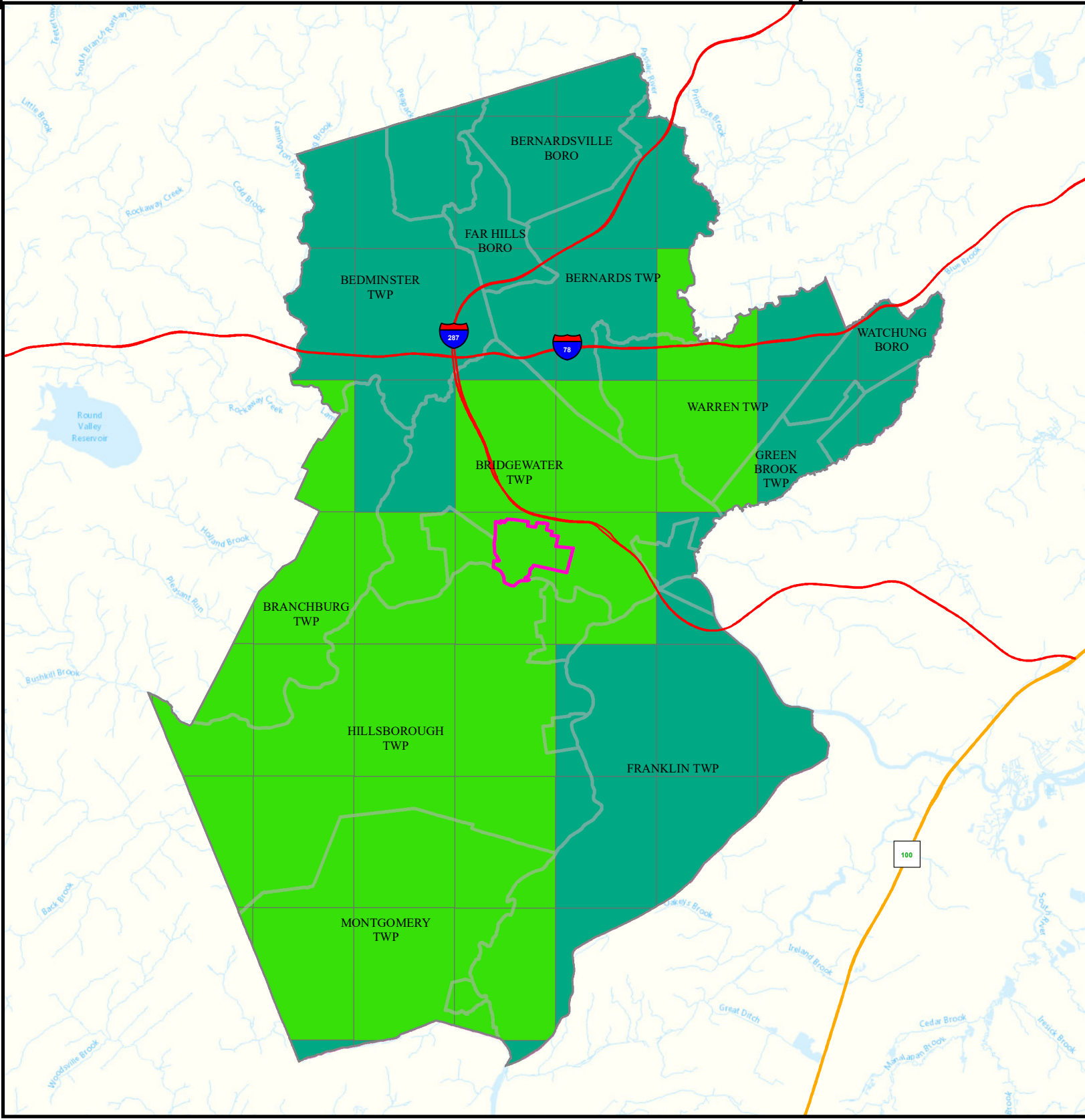
 7 - 12

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

**SOMERVILLE BORO**

**SOMERSET**

## Legend

- Counties
- SOMERVILLE BORO
- Municipalities

MCL and TT Violations  
and AL Exceedances

0

1 - 5

6 - 10

11 - 15

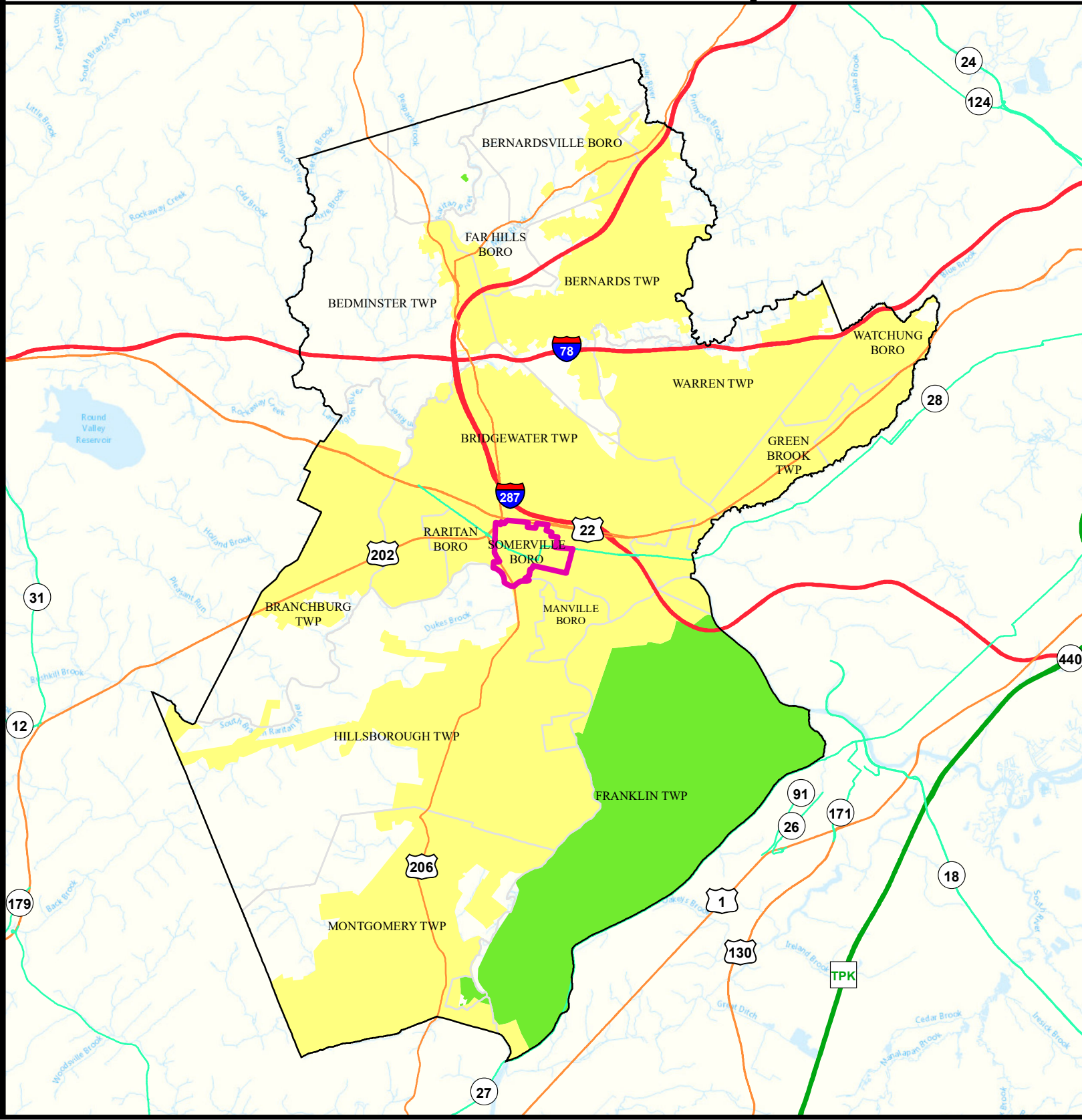
16 - 30



Date: 9/29/2022

0 1.5 3

Miles









# Ground Water/Soil

**SOMERVILLE BORO**

**SOMERSET**

## Legend

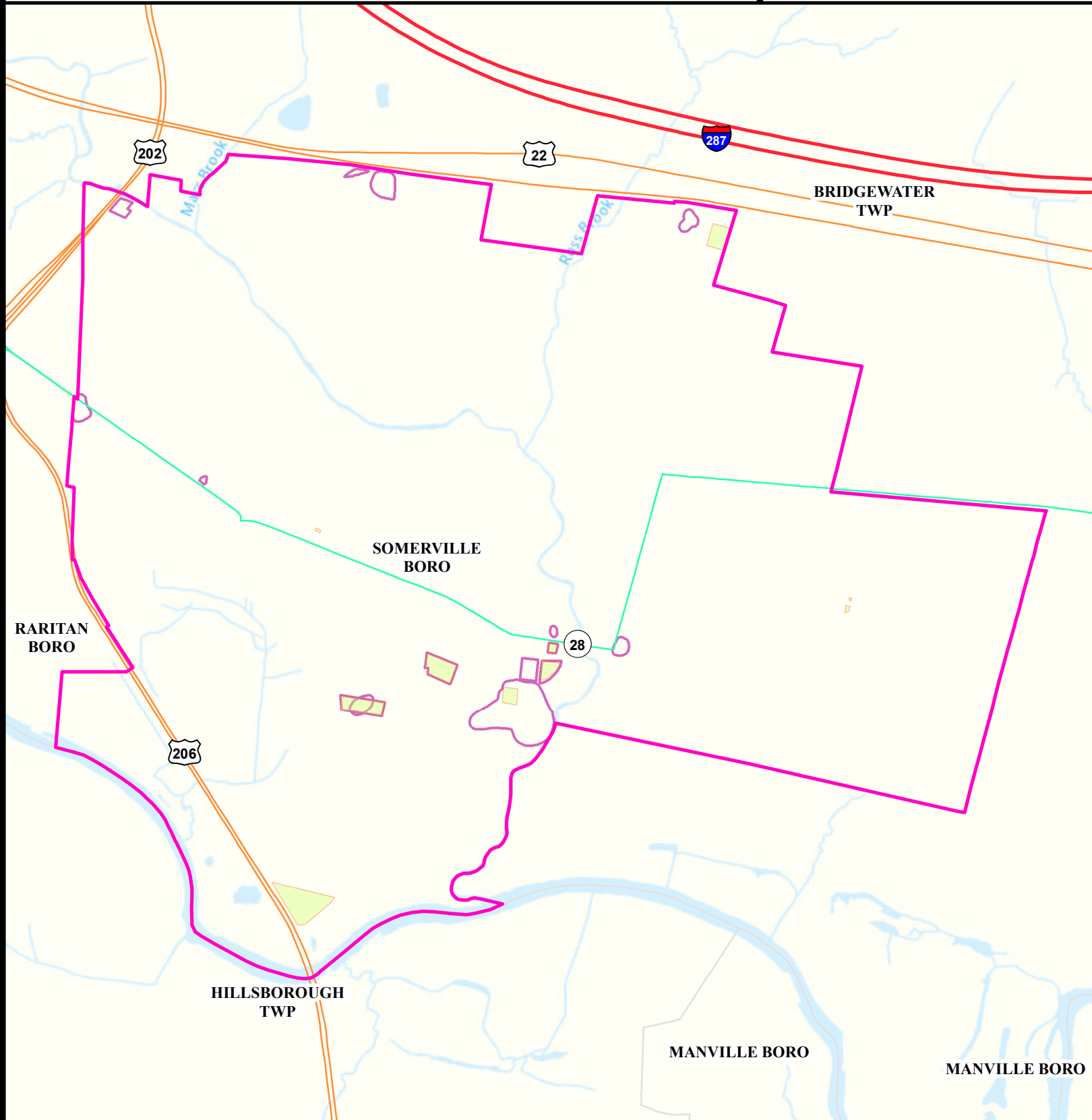
- |                                                                                                 |                                                                                                                         |
|-------------------------------------------------------------------------------------------------|-----------------------------------------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



Date: 5/24/2022

0 0.125 0.25

Miles





# Surface Water Quality

SOMERVILLE BORO

SOMERSET

## Legend

- Counties
- Municipalities
- SOMERVILLE BORO

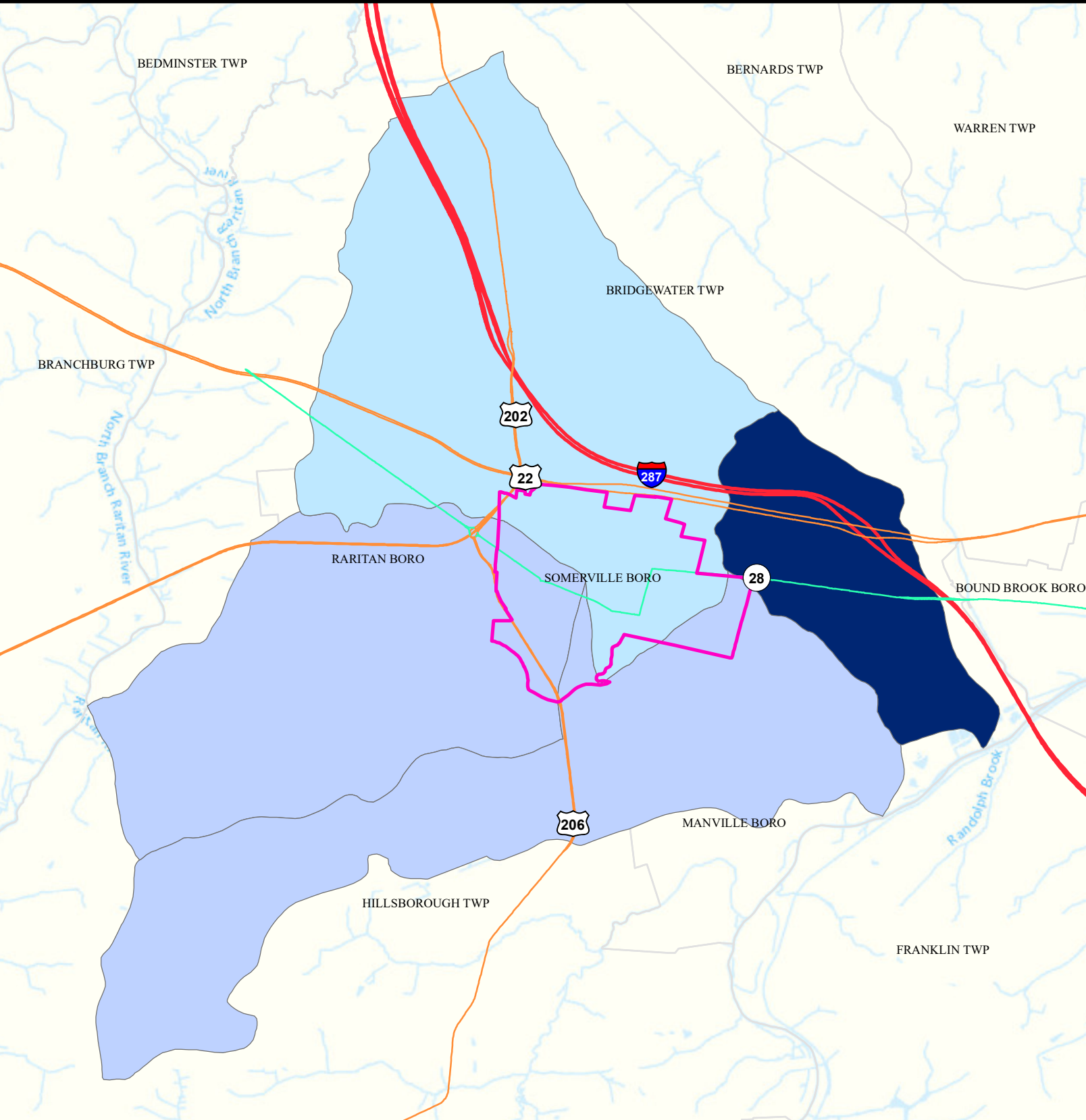
Impaired (Percent)		20	40	66.
NA		25	50	75
0		33.	60	80
				100

N

Date: 9/22/2022

00.51

Miles





## Surface Water Quality

## SOMERSET COUNTY Somerville Borough

### 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
Raritan R Lwr (Rt 206 to NB / SB)	Non Attaining	NA	Attaining	Non Attaining	NA	Non Attaining
Cuckels Brook	Non Attaining	NA	Insufficient Data	Insufficient Data	NA	Insufficient Data
Raritan R Lwr (Millstone to Rt 206)	Non Attaining	NA	Attaining	Non Attaining	NA	Non Attaining
Peters Brook	Non Attaining	NA	Attaining	Non Attaining	NA	Insufficient Data



# Flooding (Urban Land Cover)

**SOMERVILLE BORO**

**SOMERSET**

## Legend

Counties

SOMERVILLE BORO

Municipalities

Urban Land

Urban Land Flooded

Toll Road

Interstate

US Highway

State Highway

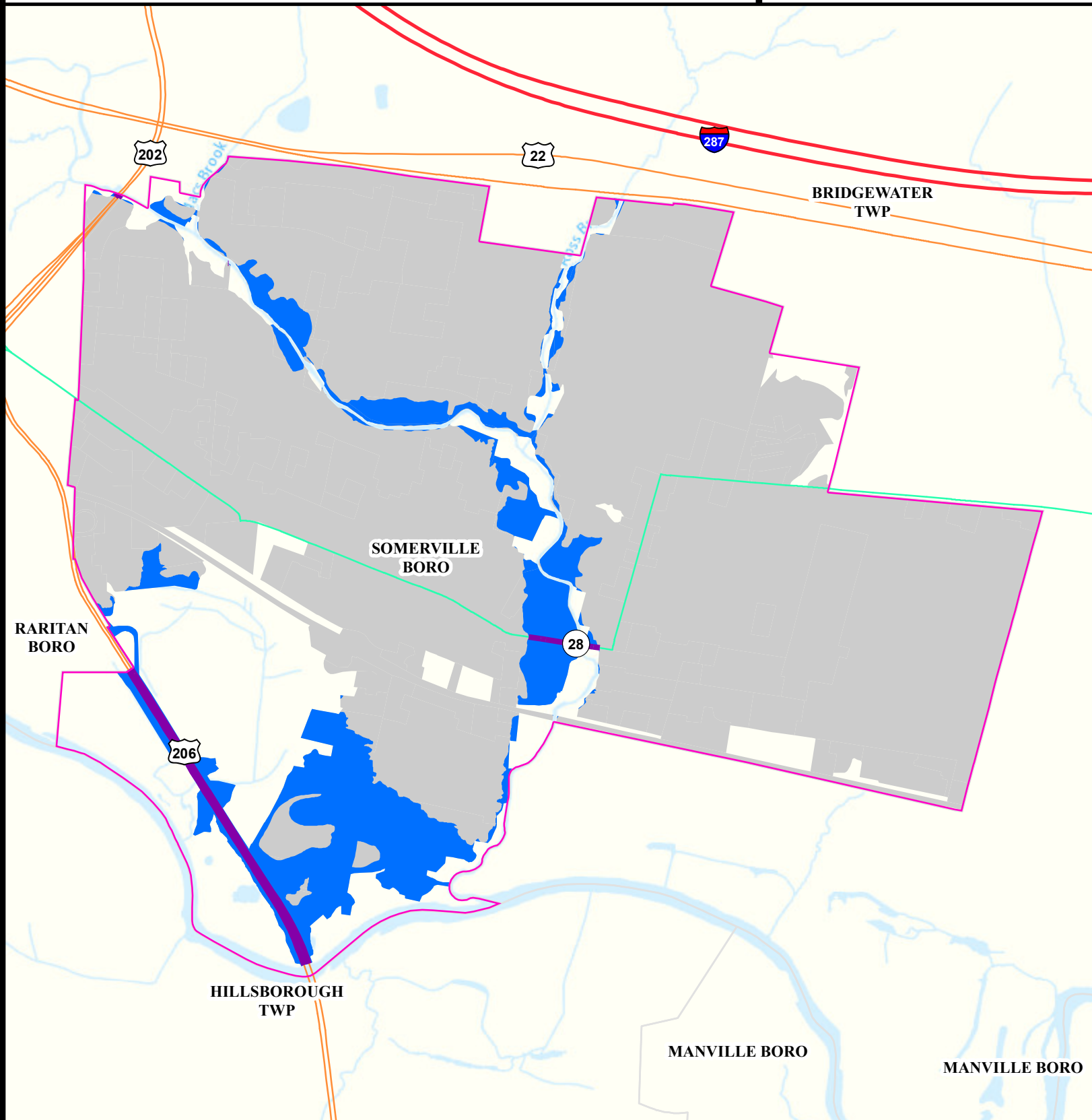
Impacted Roads

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

Date: 4/12/2022

0 0.125 0.25

Miles



# Air Permit Sources

SOMERVILLE BORO

SOMERSET

## Legend

## Facility Type

- Counties
- SOMERVILLE BORO

- Major
- Minor

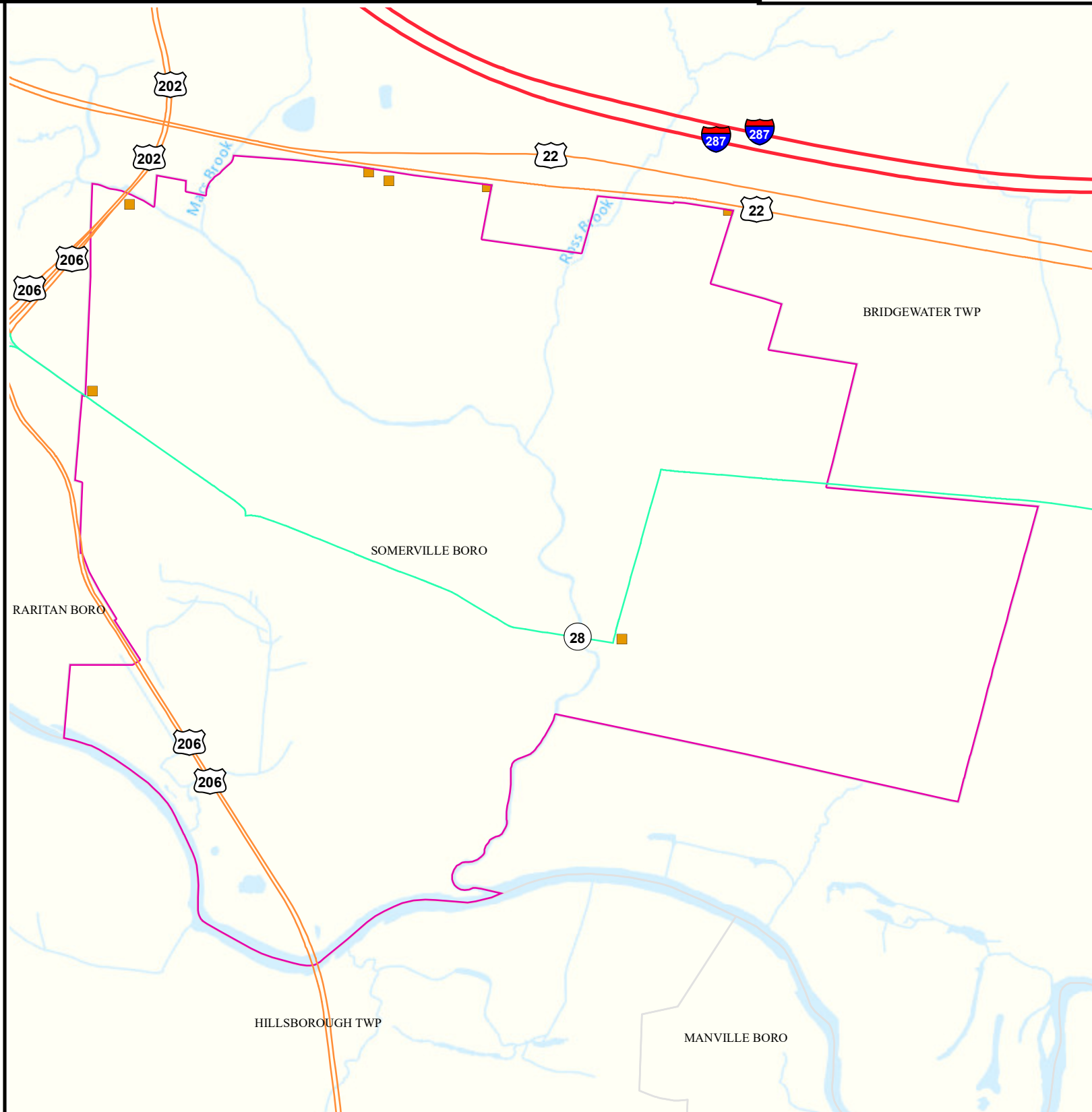


Date: 4/12/2022

0 0.125 0.25



Miles





# Brownfield Development Areas

SOMERVILLE BORO

SOMERSET

## Legend

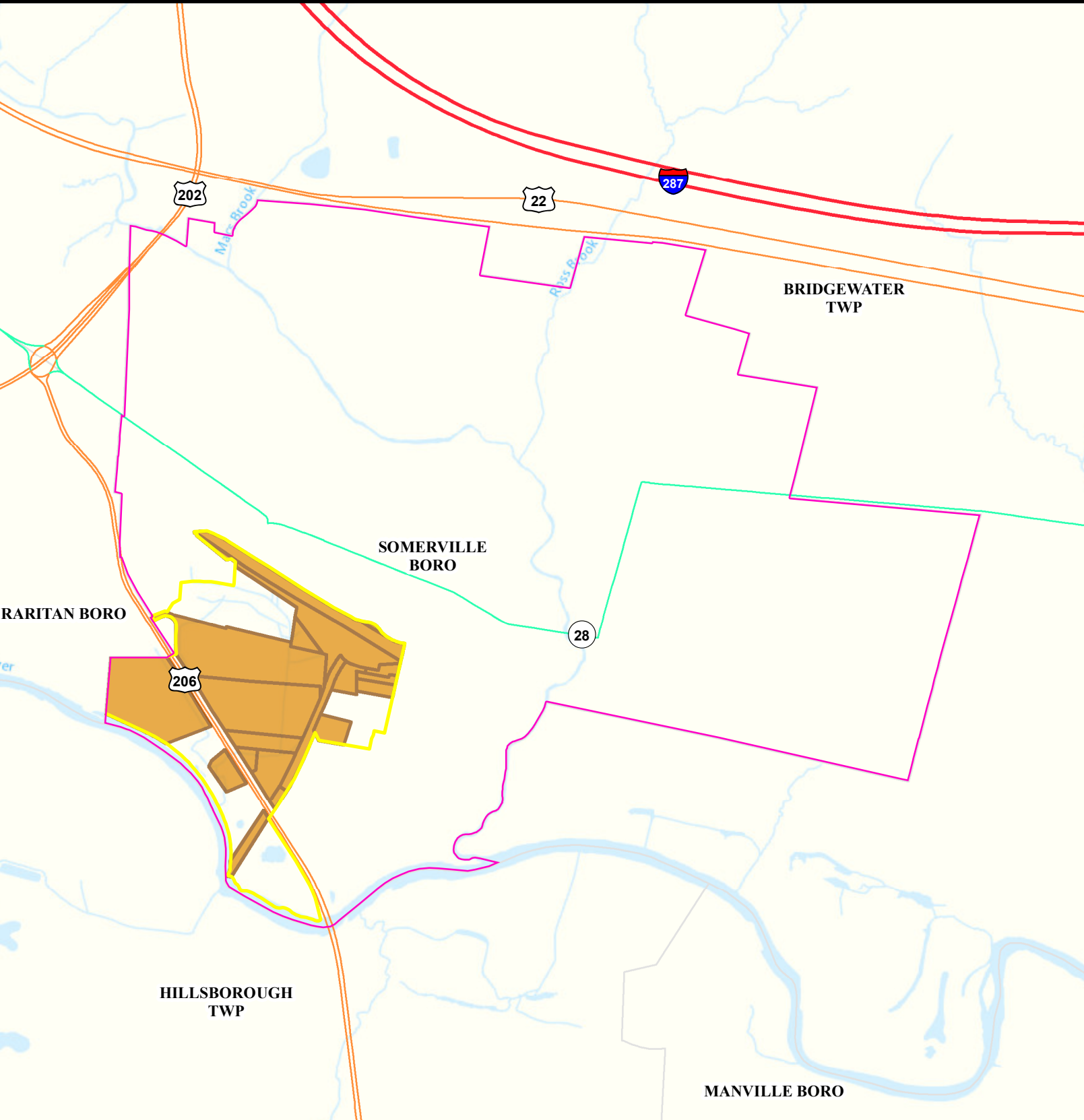
- Counties
- SOMERVILLE BORO
- Municipalities
- Brownfield Development Area (Outline)
- Brownfield Development Area (Block and Lots)

N

Date: 4/12/2022

0 0.125 0.25

Miles



# Contaminated Sites

**SOMERVILLE BORO**

**SOMERSET**

## Legend

- Counties
- SOMERVILLE BORO
- Municipalities

Known Contaminated Sites

Density Weighting

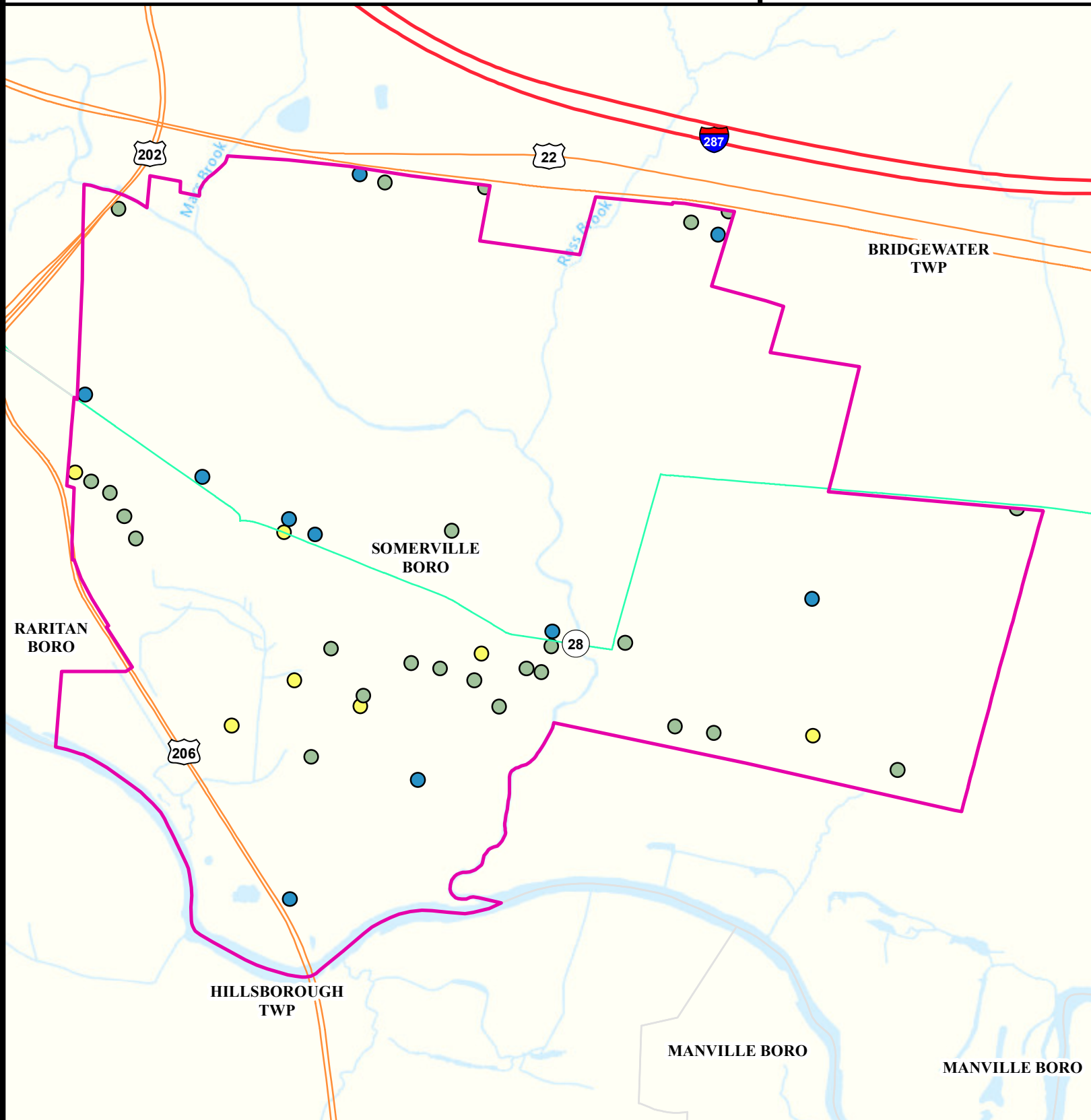
- 0
- 1
- 2
- 3
- Other



Date: 5/24/2022

0 0.125 0.25

Miles





# Open Space

SOMERVILLE BORO

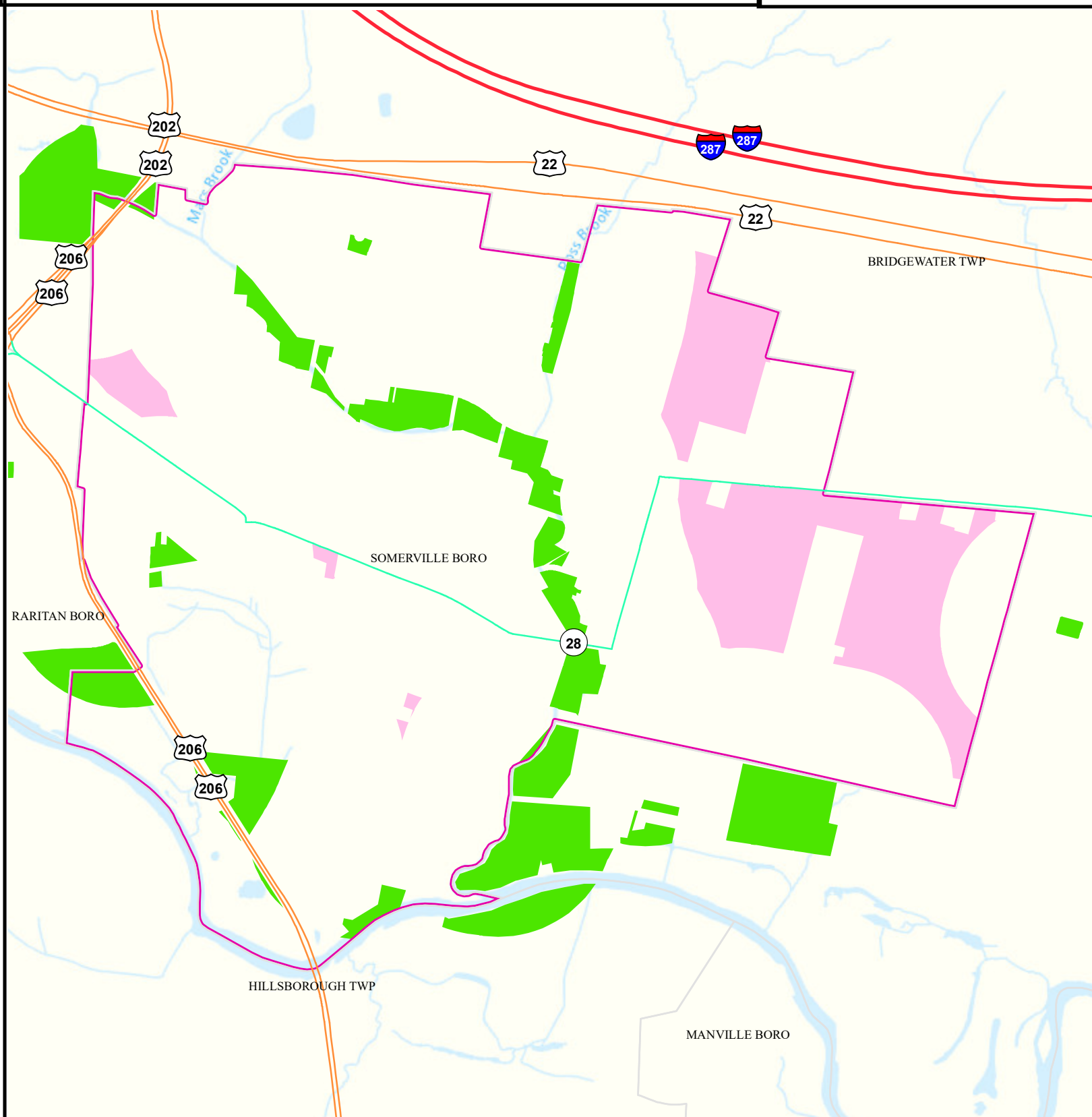
SOMERSET

## Legend

 Counties  
 SOMERVILLE BORO

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

N  
Date: 9/27/2022  
0 0.1 0.2  
Miles





# Traffic

## SOMERVILLE BORO

## SOMERSET

### Legend

- Counties
- SOMERVILLE 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+

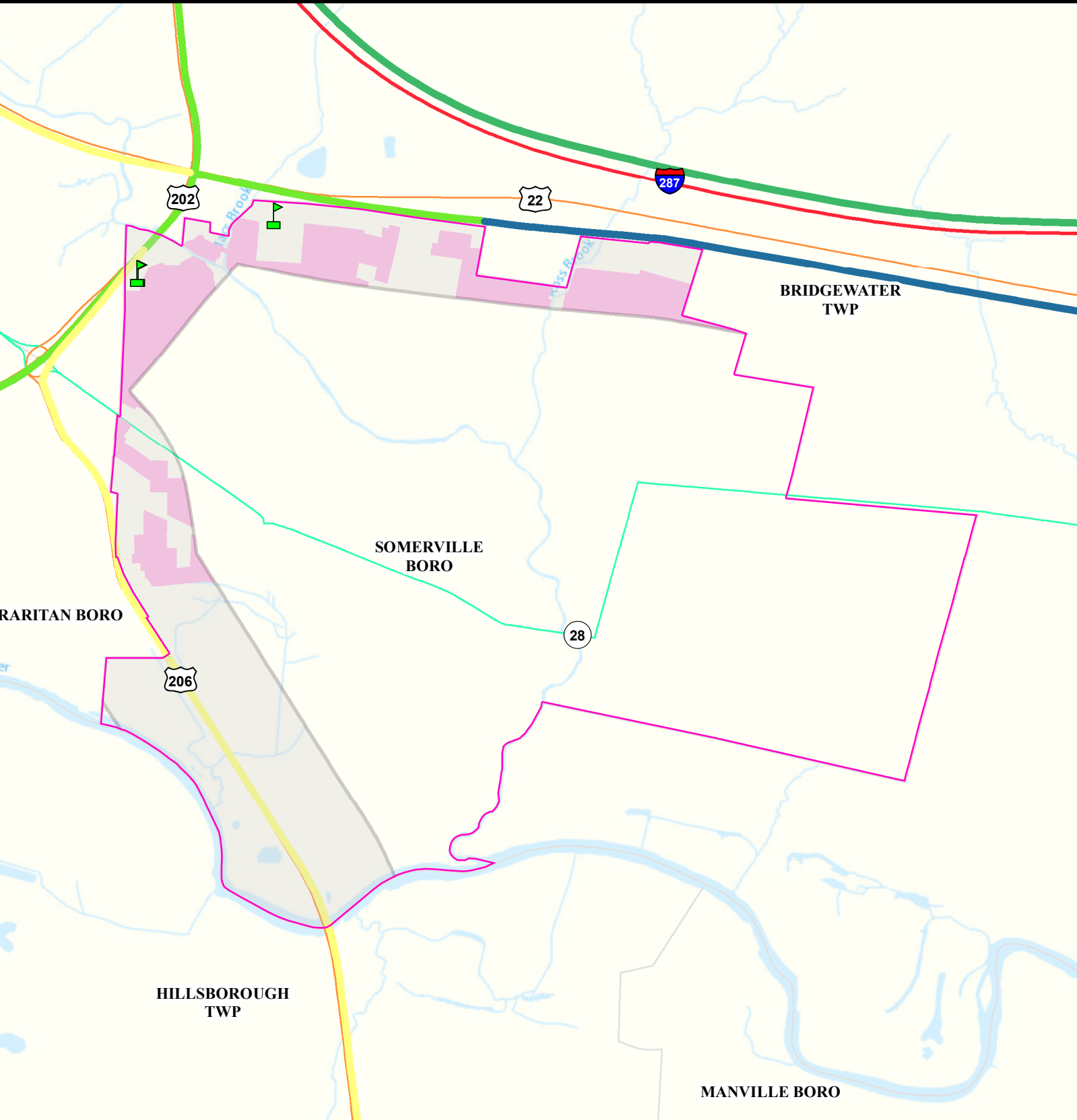
Receptors	Count
Childcare	1
School	2
Population	1533

N

Date: 4/19/2022

0 0.125 0.25

Miles



# Low Birth Weight

Somerville Boro

Somerset

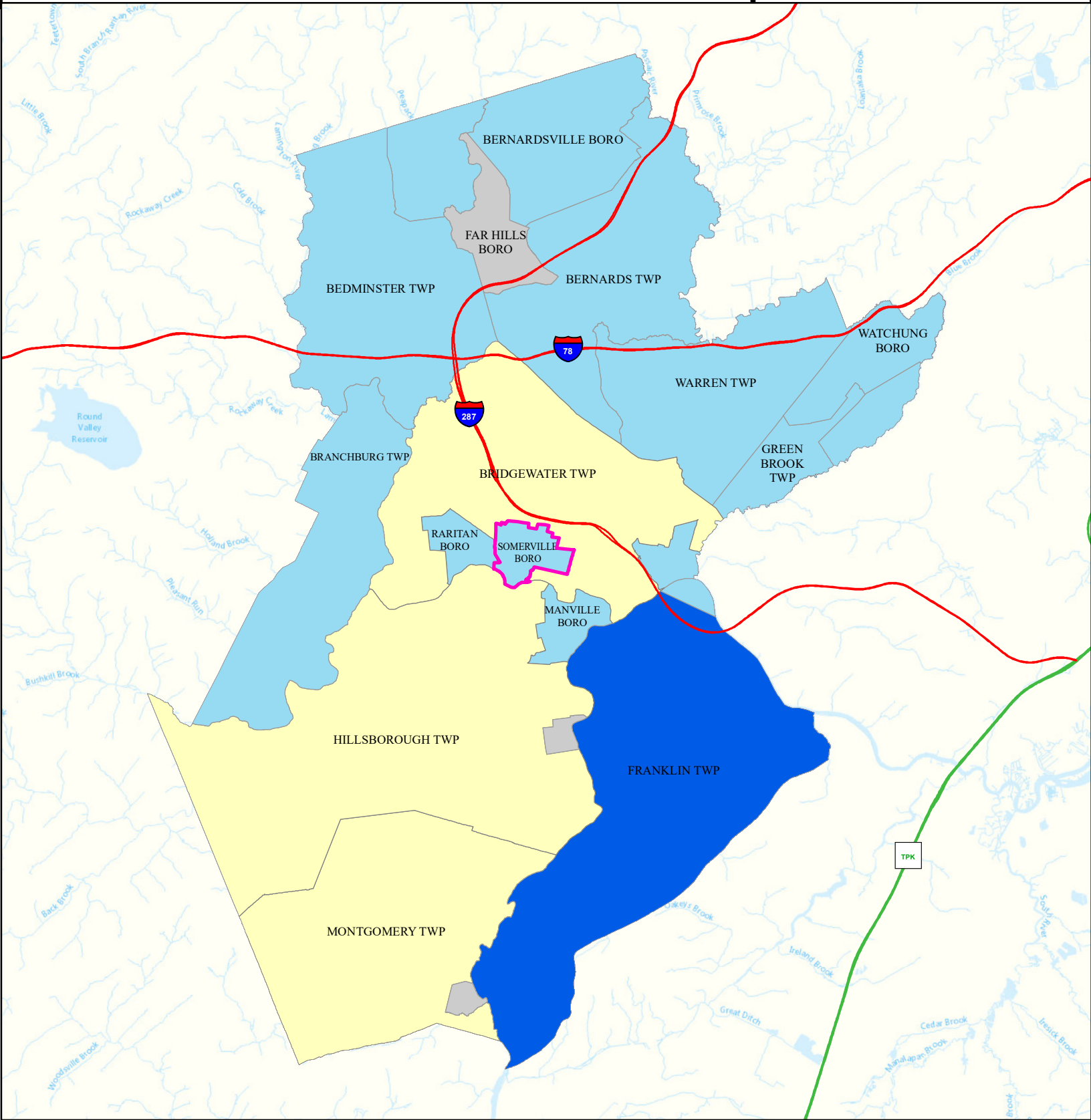
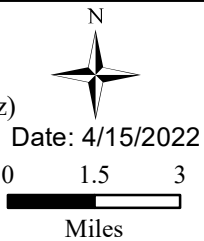
## Legend

- Municipalities
- Somerville Boro

## State Comparison

- Above
- Below
- No Difference
- Suppressed

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



# Age of Housing

**SOMERVILLE BORO**

**SOMERSET**

## Legend

- Counties
- Municipalities
- SOMERVILLE BORO**

### Year House Constructed

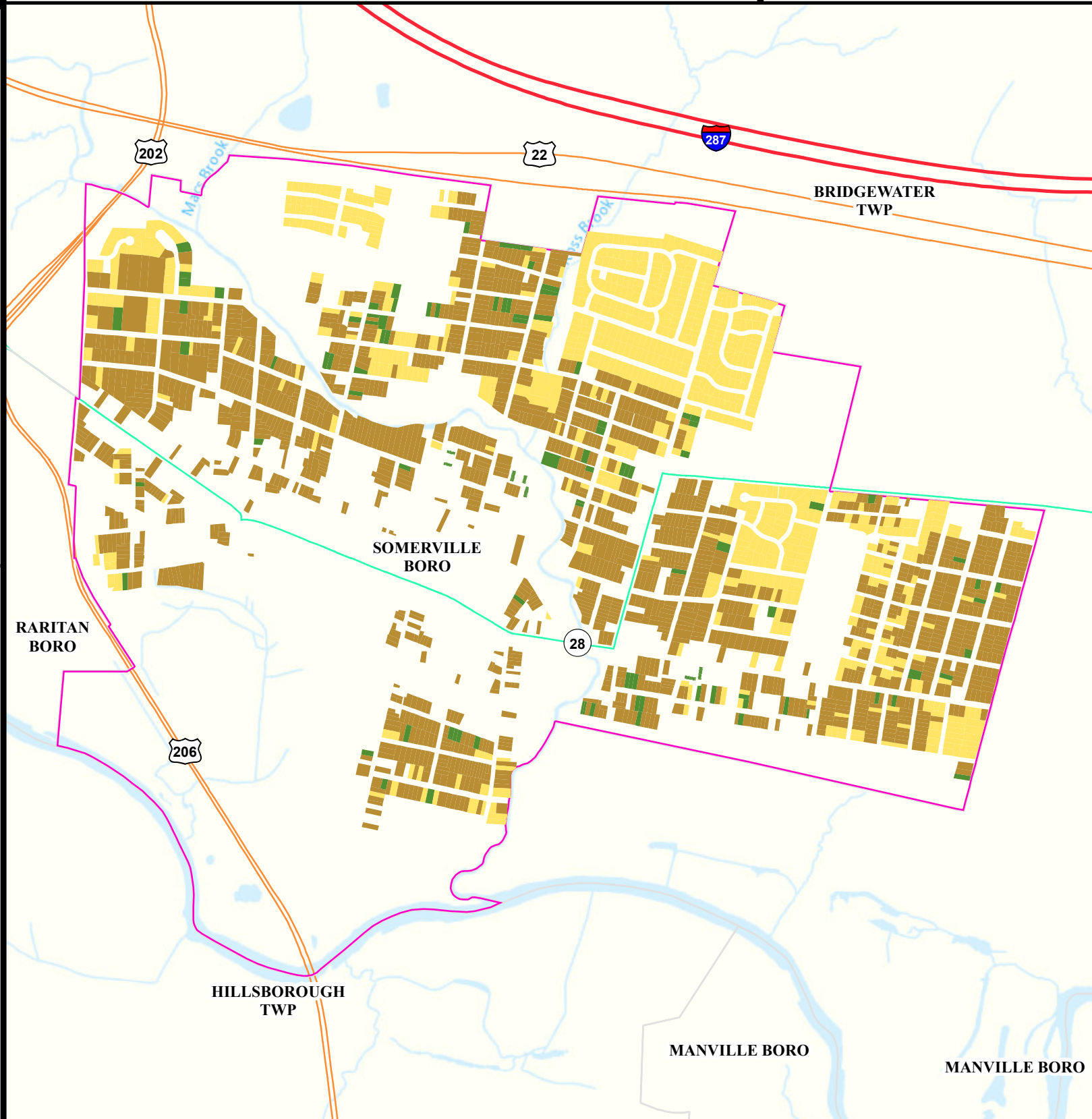
- Pre 1950
- Between 1951 and 1978
- After 1978
- Unknown



Date: 4/12/2022

0 0.125 0.25

Miles







# Asthma (Emergency Department)





**Somerville Boro**

**Somerset**

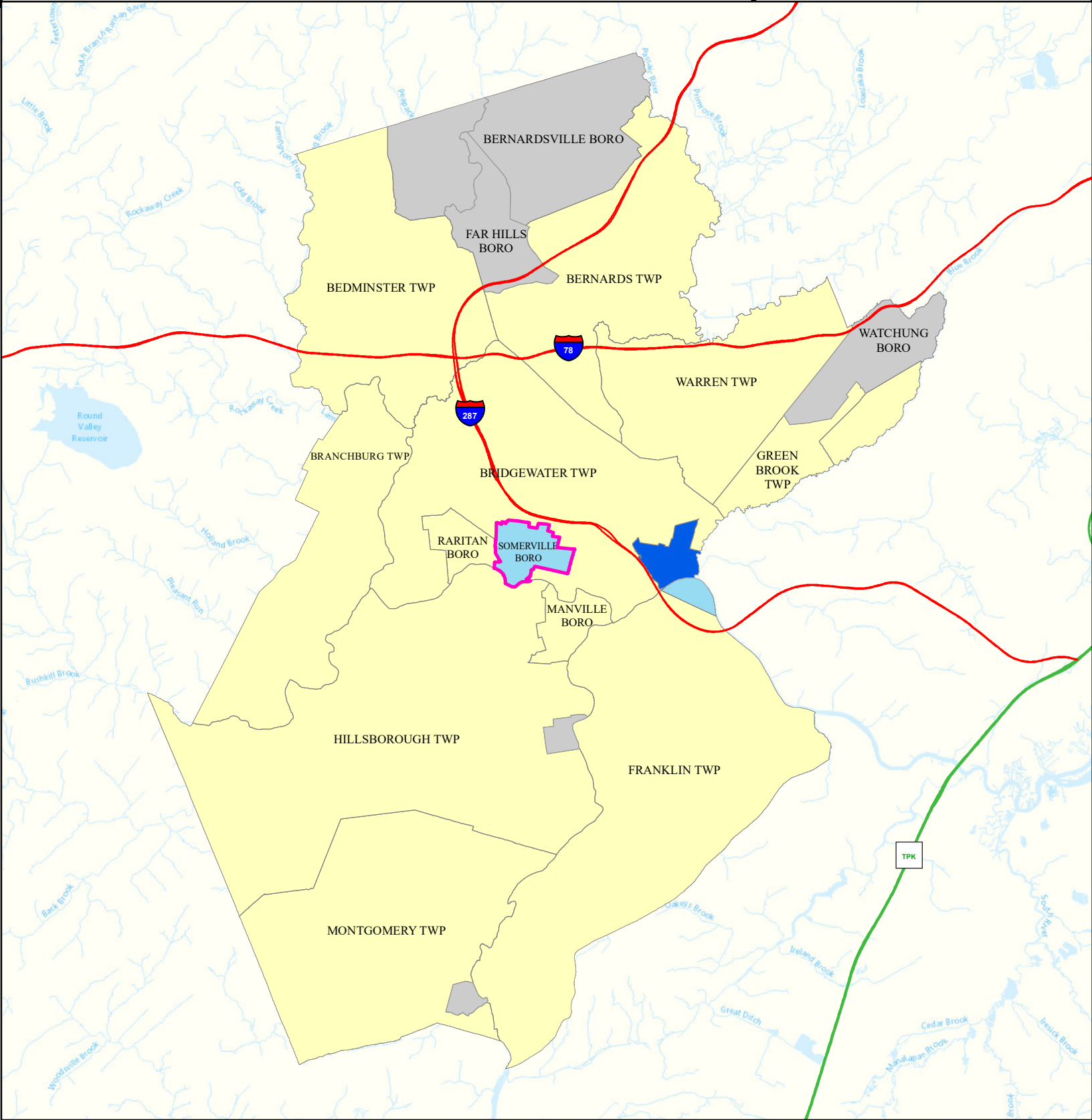
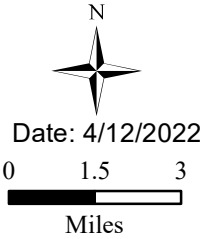
## Legend

-  Municipalities
-  Somerville Boro

## State Comparison

-  Above
-  Below
-  No Difference
-  Suppressed

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



# Heart Attack (AMI) (Inpatient)

Somerville Boro

Somerset

## Legend

- Municipalities
- Somerville Boro

## State Comparison

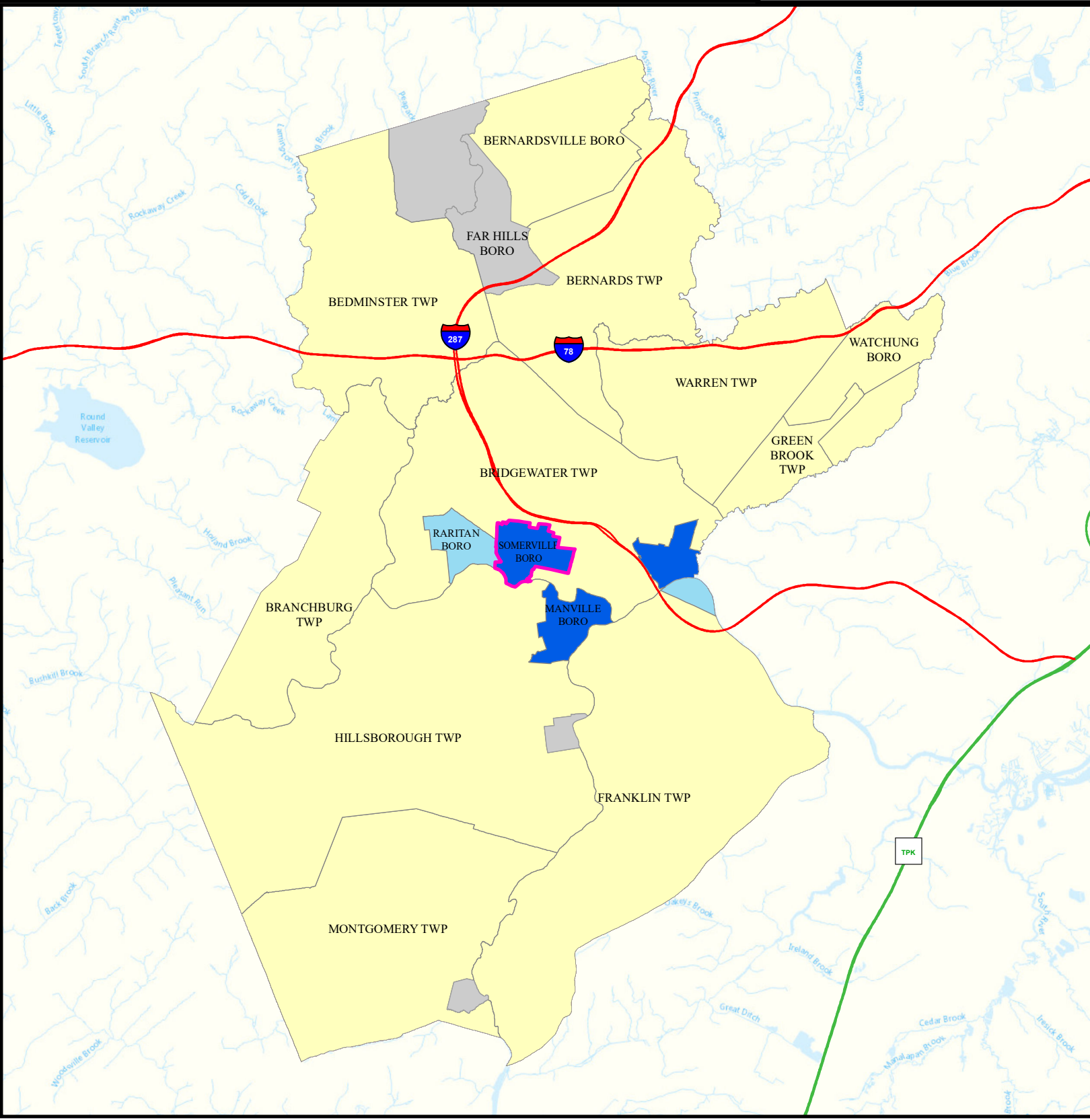
- Above
- Below
- No Difference
- Suppressed

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

Somerville Boro

Somerset

## Legend

- Municipalities
- Somerville Boro

## State Comparison

- Above
- Below
- No Difference
- Suppressed

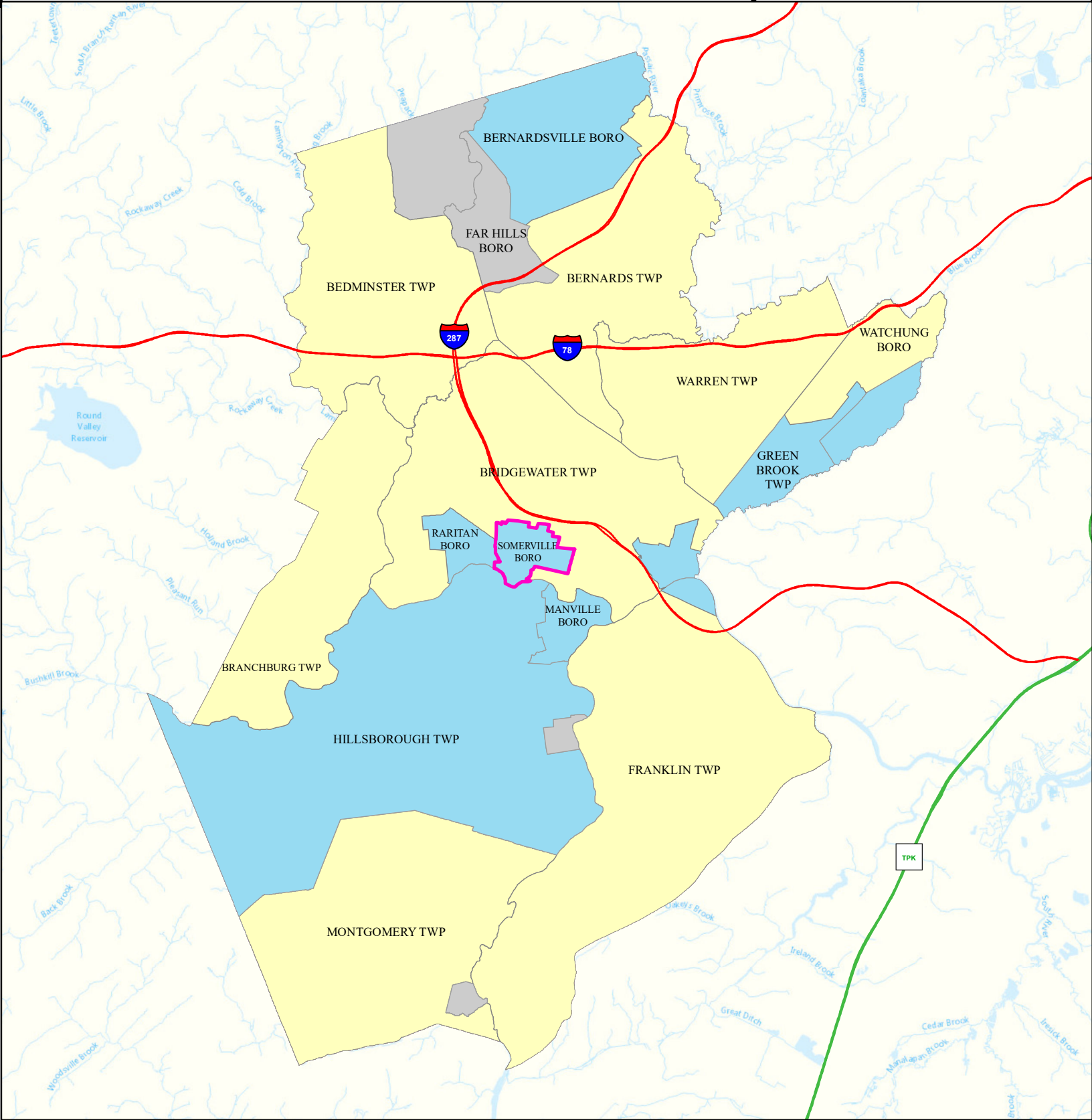
Age-adjusted Death Rate  
per 100,000 People  
2015 to 2019

Deaths for Heart Disease

Date: 4/16/2022

0 1.5 3

Miles







# COPD (Emergency Department)





**Somerville Boro**

**Somerset**

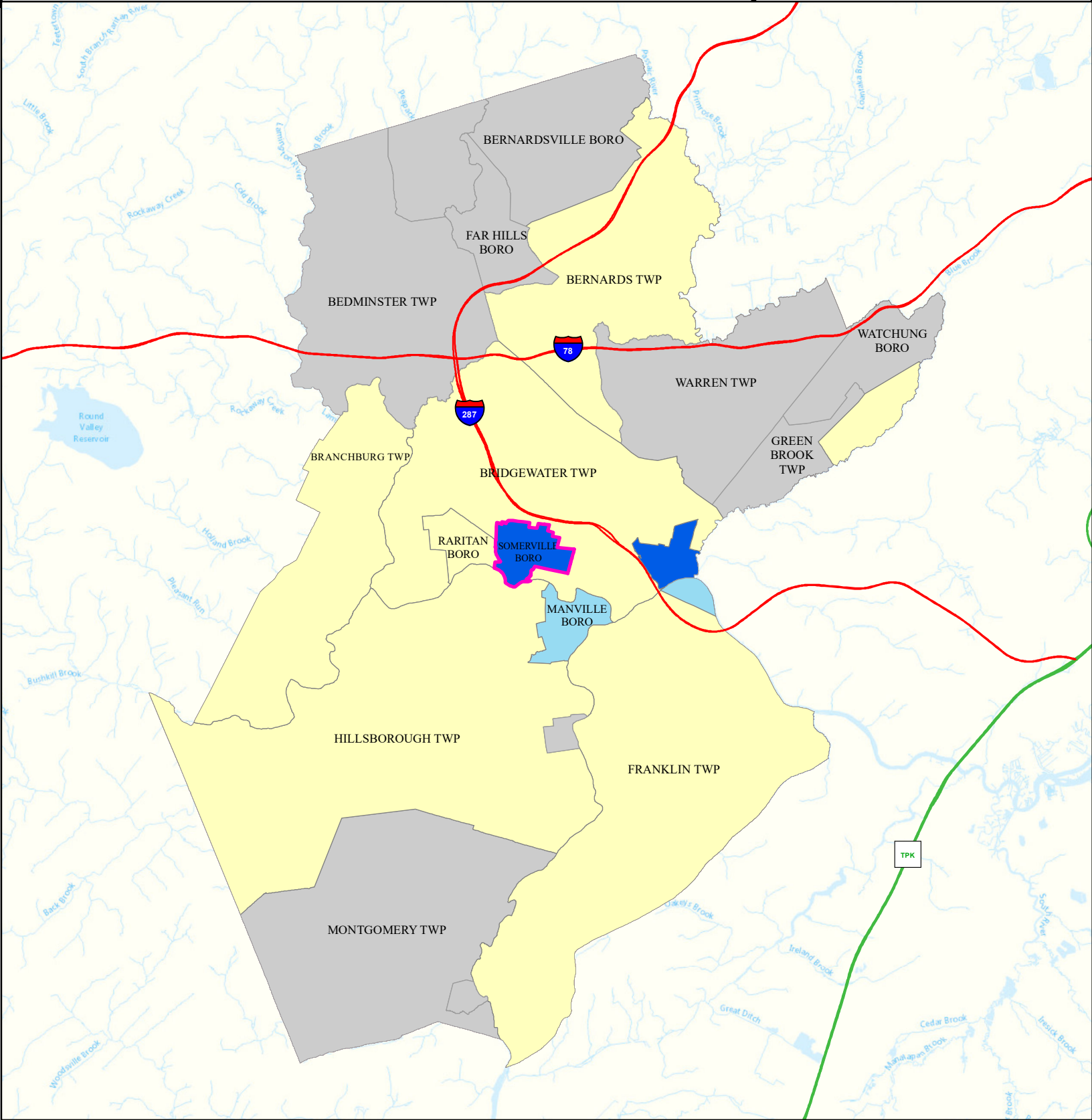
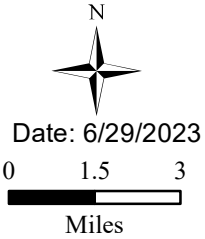
## Legend

-  Municipalities
-  Somerville Boro

## State Comparison

-  Above
-  Below
-  No Difference
-  Suppressed

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



# Stroke (Inpatient)

Somerville Boro

Somerset

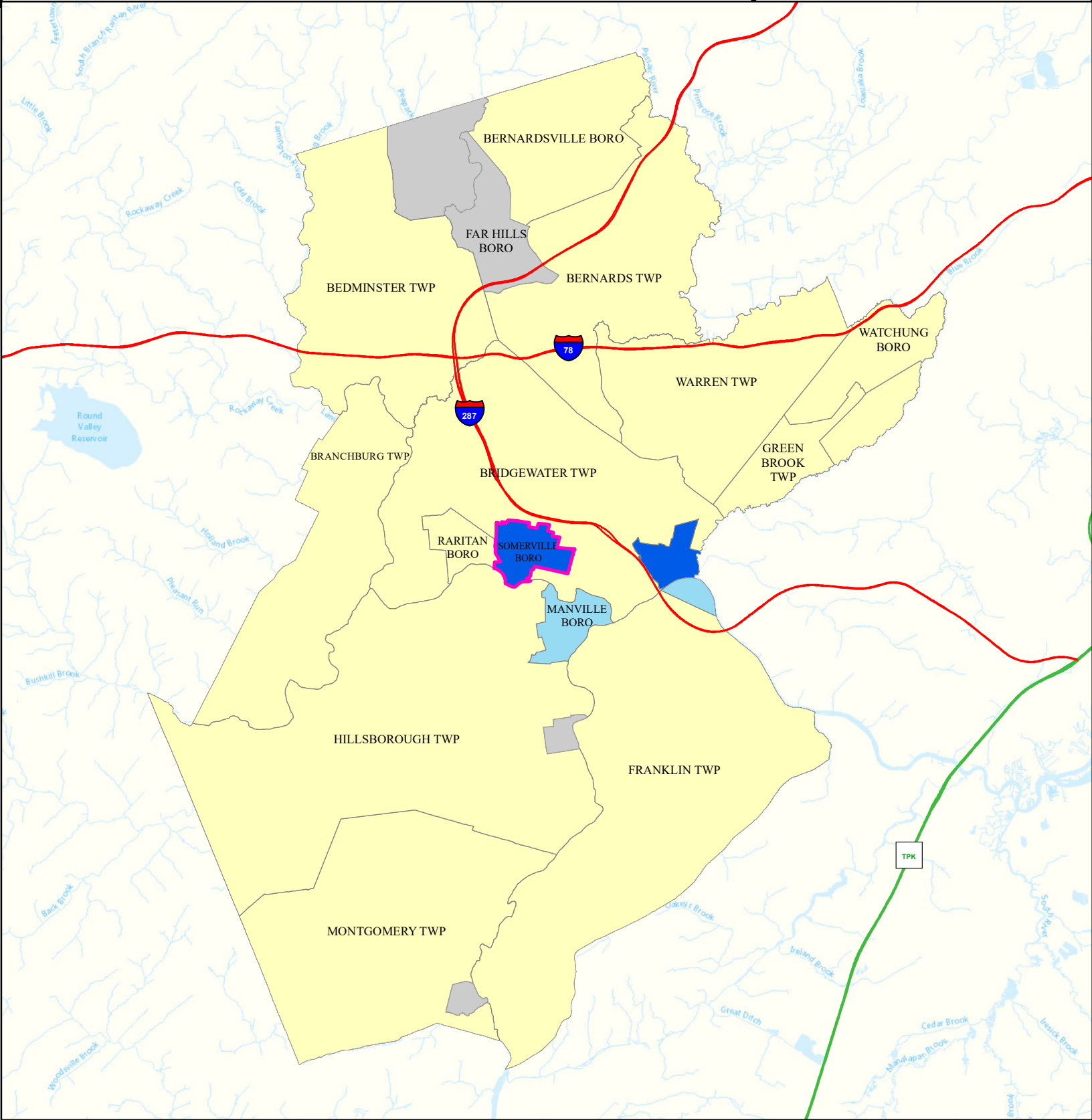
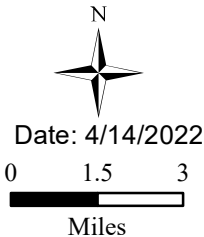
## Legend

- Municipalities
- Somerville Boro

## State Comparison

- Above
- Below
- No Difference
- Suppressed

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



# All Cancer Deaths

Somerville Boro

Somerset

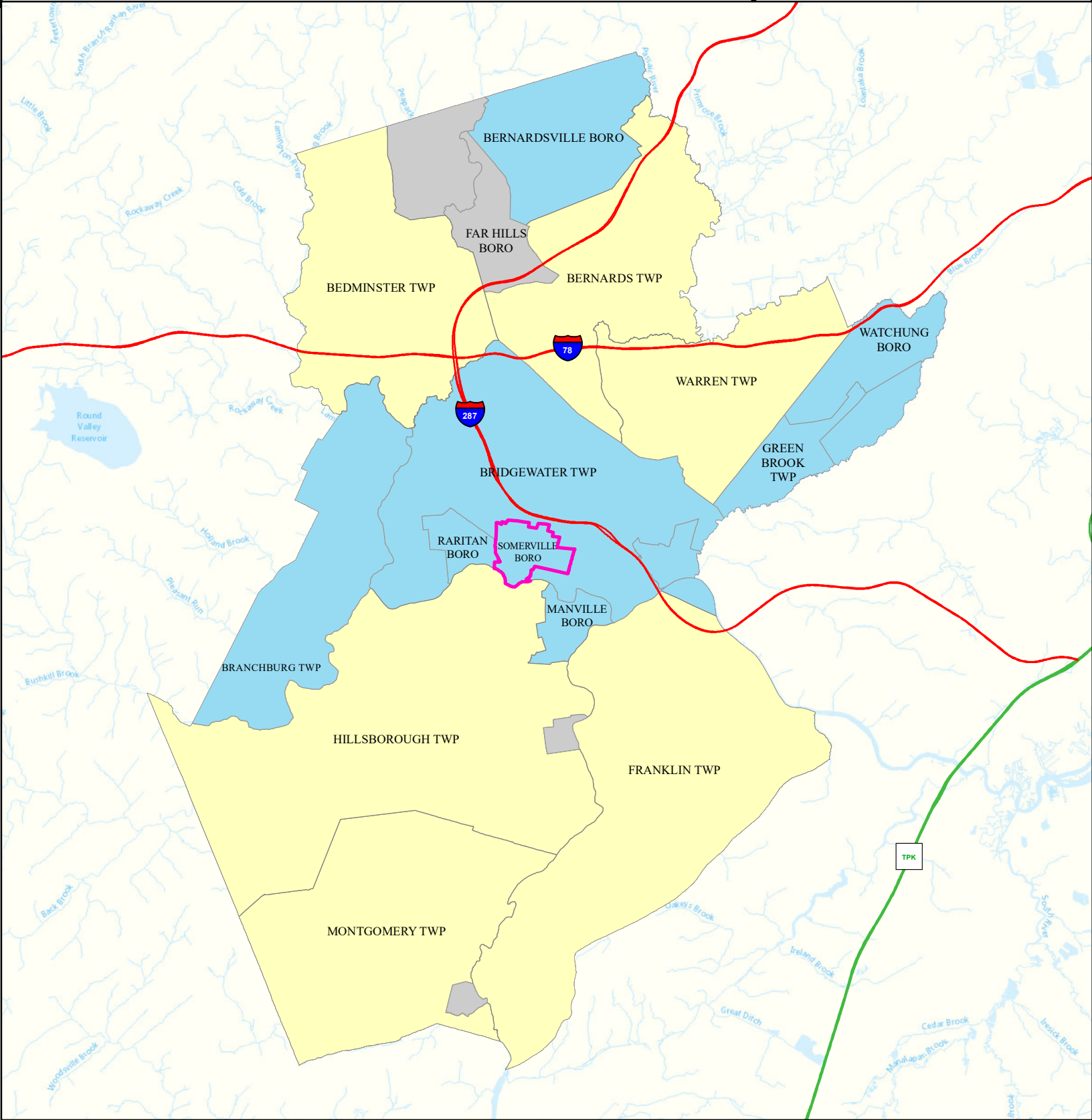
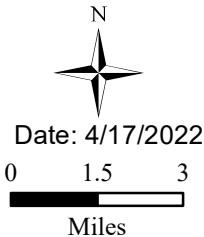
## Legend

- Municipalities
- Somerville Boro

## State Comparison

- Above
- Below
- No Difference
- Suppressed

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







# Lung Cancer Deaths





**Somerville Boro**

**Somerset**

## Legend

-  Municipalities
-  Somerville Boro

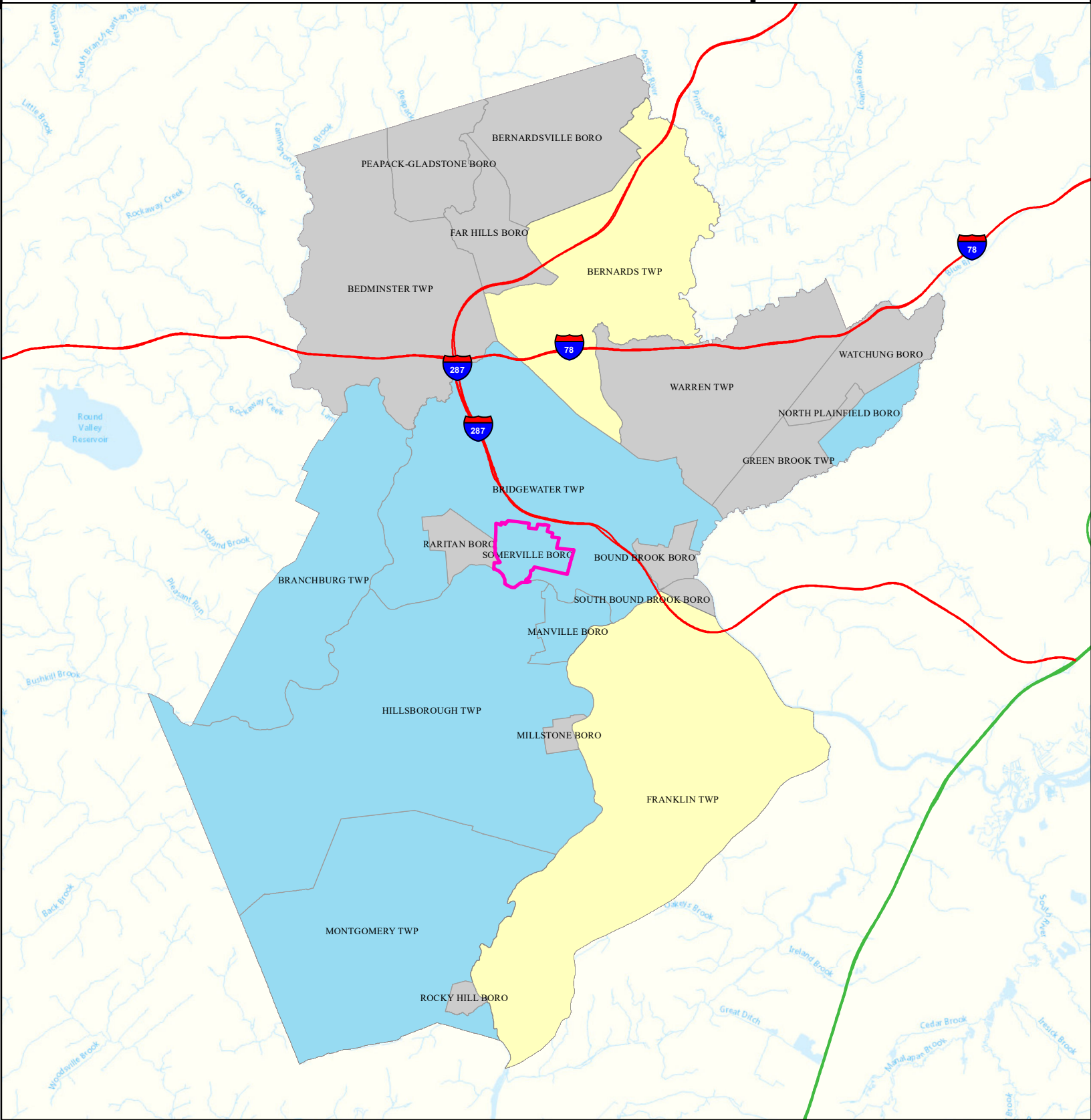
## State Comparison

-  Above
-  Below
-  No Difference
-  Suppressed

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

Date: 4/17/2022

0 1.5 3  
Miles





# Smoking





**Somerville Boro**

**Somerset**

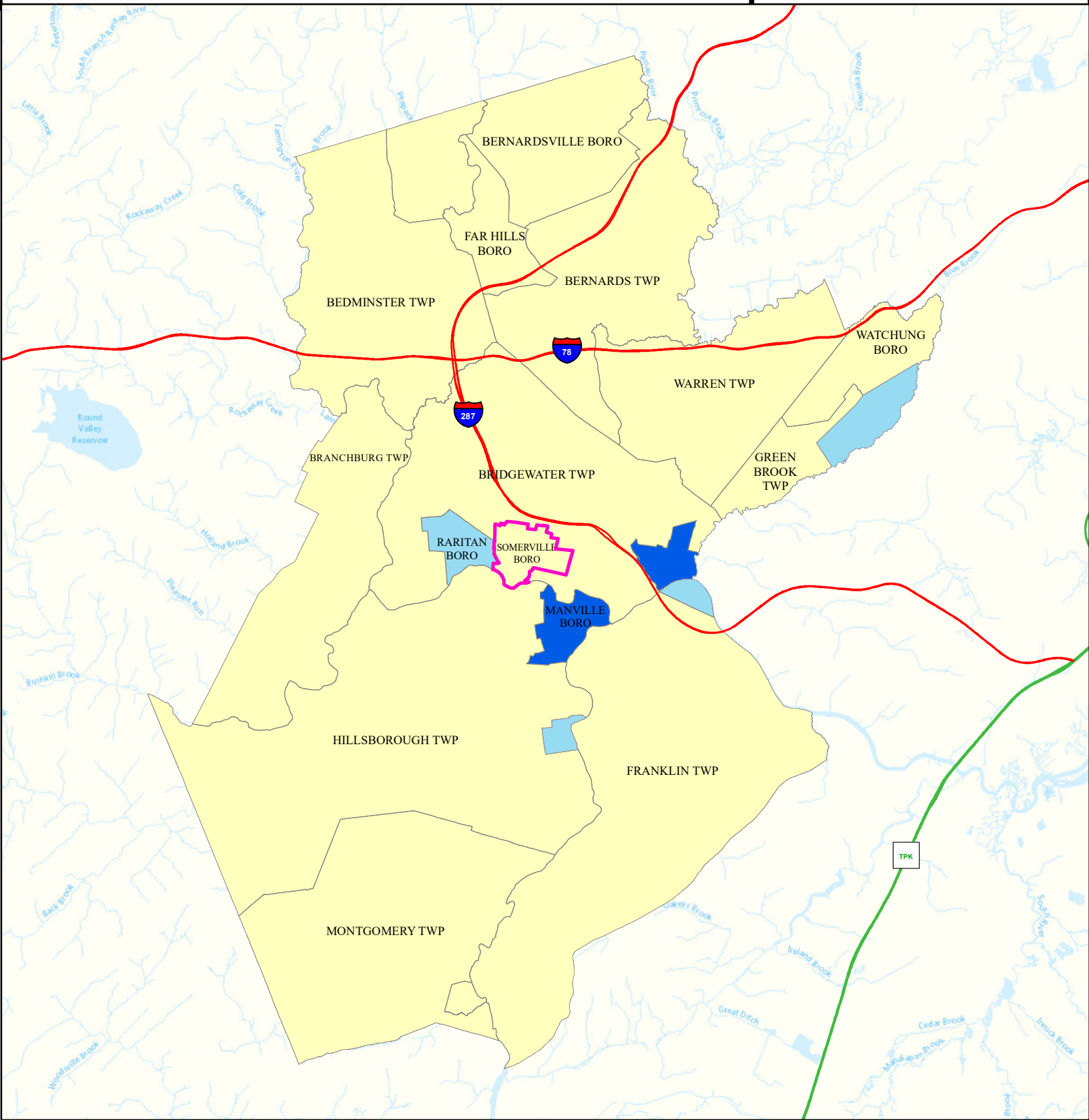
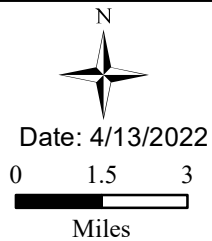
## Legend

-  Municipalities
-  Somerville Boro

## State Comparison

-  Above
-  Below
-  No Difference
-  Suppressed

Smoking Rate  
Per Municipal  
% of Adults  
2018



# Obesity

Somerville Boro

Somerset

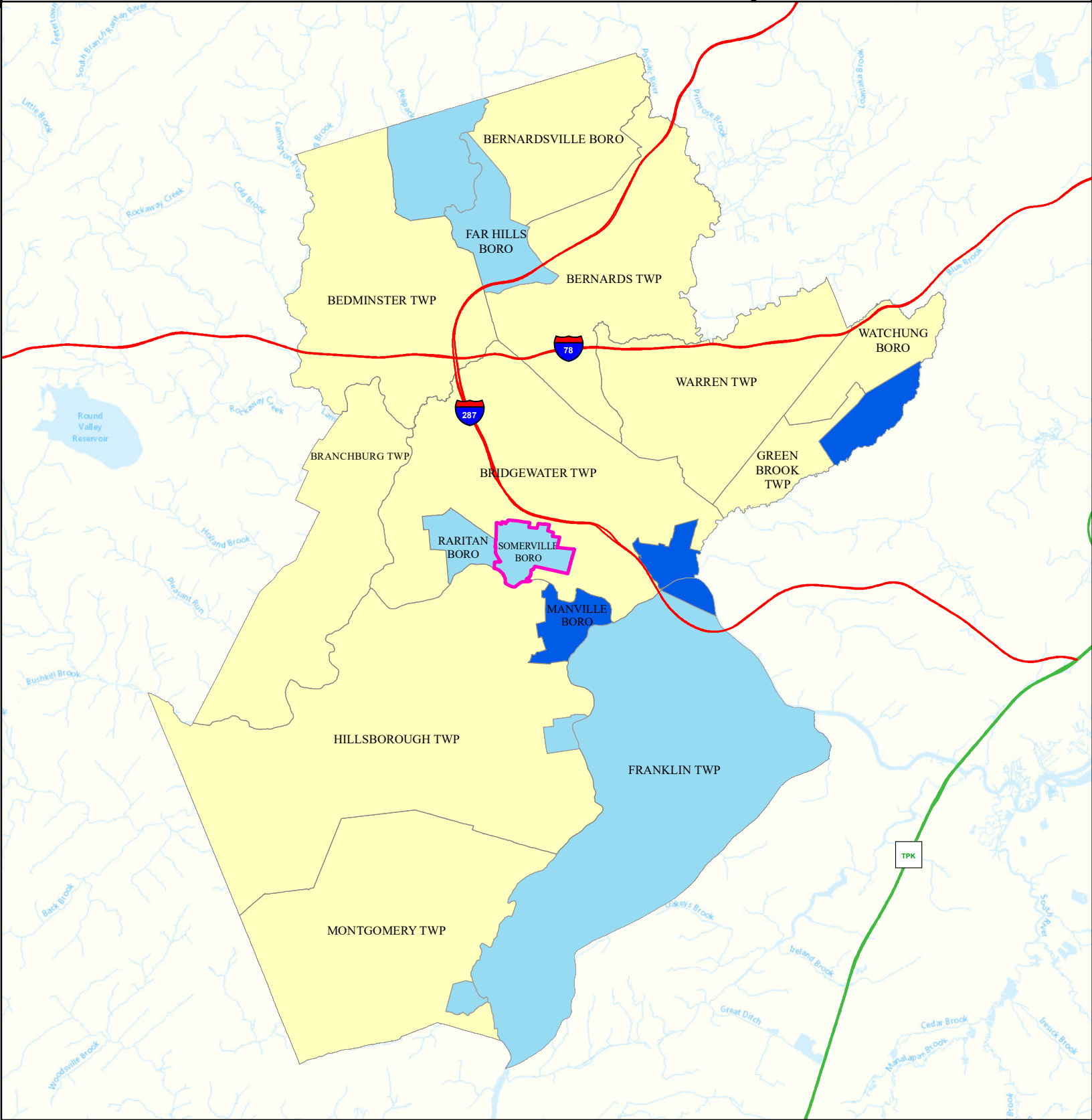
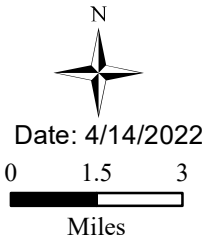
## Legend

- Municipalities
- Somerville Boro

## State Comparison

- Above
- Below
- No Difference
- Suppressed

Obesity Rate  
Per Municipal  
% of Adults  
2018





# Heat Related Illness (Emergency Department)

Somerville Boro

Somerset

## Legend

- Municipalities
- Somerville 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

