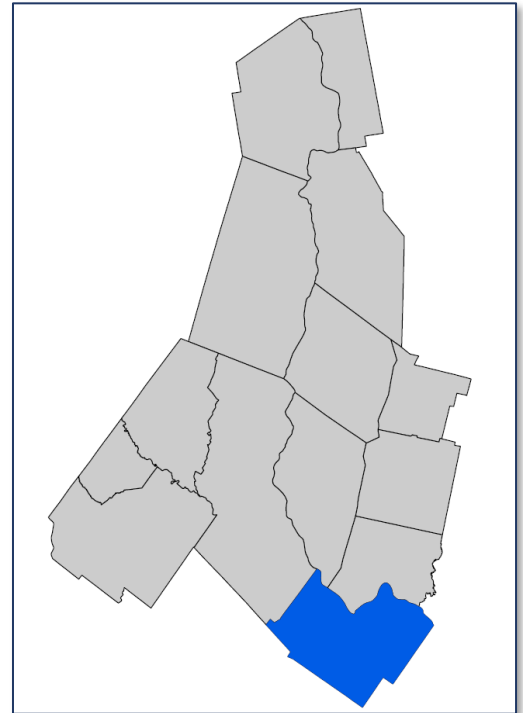


## Town of Durham

**Location:** The Town of Durham, incorporated in 1789, the town was previously known as Royalsborough. With a land area of 38.28 square miles, Durham is the fifth largest jurisdiction in Androscoggin County and shares borders Auburn to the Northwest, Lisbon to the North, Brunswick to the Southeast, Freeport to the South, Pownal to the southwest and New Gloucester to the west.

**Population:** According to the U.S. Census Bureau, the Town of Durham's population is 4,173, as of 2020. The Town of Durham has steadily increased a total 8.5% in population between 2010-2020. The Maine State Economist projects that Androscoggin County will continue to gradually increase in population over the coming years. Projections show a 2030 population of 113,477, which is an increase of 2,438 or 2.2%.<sup>1</sup>



**Table A9: Population of Durham and Androscoggin County 1930 - 2020**

Year	Durham	Androscoggin County
1930	806	71,214
1940	784	76,679
1950	1,050	83,594
1960	1,086	86,312
1970	1,264	91,279
1980	2,074	99,657
1990	2,842	105,259
2000	3,381	103,793
2010	3,848	107,702
2020	4,173	111,139
1930-40 Change	-2.7%	7.7%
1940-50 Change	33.9%	9.0%
1950-60 Change	3.4%	3.3%
1960-70 Change	16.3%	5.8%
1970-80 Change	64.0%	9.2%
1980-90 Change	37.0%	5.6%
1990-00 Change	18.9%	-1.4%
2000-10 Change	13.8%	3.8%
2010-20 Change	8.4%	3.2%

<sup>1</sup>[Maine State Economist Population Outlook](#)

Source: US Census

**Demographics:** The following table shows key demographic characteristics for Androscoggin County, as well as the State of Maine and the United States as a whole. Androscoggin County’s population is older than the United States as a whole, but is younger than the State of Maine average, as reflected in the “Population under 18” statistic.

<b>Table A10: Demographic Survey 2020</b>			
Measure	Durham	Androscoggin County	Maine
<b>Population</b>			
Total Population	4,173	111,147	1,362,359
Population Under 5 Years	5.8%	5.8%	4.7%
Population Under 18 Years	22.7%	21.0%	18.4%
Population 65 and Over	14.0%	17.1%	20.3%
Race - White Alone	94.5%	86.9%	90.8%
Race - Black or African American Alone	0.0%	5.9%	1.9%
Race - American Indian & Alaska Native Alone	0.0%	0.4%	0.6%
Race - Asian Alone	0.0%	0.8%	1.2%
Race - Native Hawaiian & Other Pacific Islander Alone	0.0%	0.1%	0.0%
Race - Some Other Race Alone	1.5%	0.7%	0.7%
Race - Two or More Races	4.0%	5.2%	4.7%
<b>Housing</b>			
Median Value of Owner-Occupied Units 2017-2021	\$237,200	\$175,100	\$212,500
Total Households 2017-2021	1,675	45,770	571,064
Persons per Household 2017-2021	2.38	2.34	2.31
<b>Education</b>			
High school graduate or higher, persons 25 and over 2017-	91.4%	91.8%	93.7%
Bachelor's degree or higher, persons 25 and over 2017-2021	28.8%	22.9%	33.6%
<b>Economy</b>			
In civilian labor force, population 16+, 2017-2021	54.7%	64.6%	62.7%
Mean travel time to work, minutes, workers 16+, 2017-2021	29.9	24.3	24.3
<b>Income and Poverty</b>			
Median household income, in 2021, dollars, 2017-2021	\$82,868	\$59,287	\$63,182
Per capita income in past 12, months, in 2021 dollars, 2017-	\$37,927	\$31,688	\$36,171
Persons in poverty, percent	11.1%	14.0%	11.5%
<b>Geography</b>			
Population Density (persons/sq. mi. 2020)	109	237.5	44.2

Source: [US Census 2020](#)

**Changes in Development:** There has been no significant change in vulnerability in Town of Durham over the past five years. Land use within Town of Durham is rural, including farm and forest land. A detailed breakdown of changes in development is included in Element E – Plan Update, including the Sentinel 2 Satellite Data map, shown here. Satellite data used to assess changes in development pursued in this plan was the use of remote sensing data to estimate trends in land use changes and identify where these changes may intersect with hazard prone areas. Sentinel satellite imagery used to categorize land cover/land use type provide for change detection in global development at a 30-meter resolution over multiple years. This analysis can be replicated for any location on earth from 2017-2021.

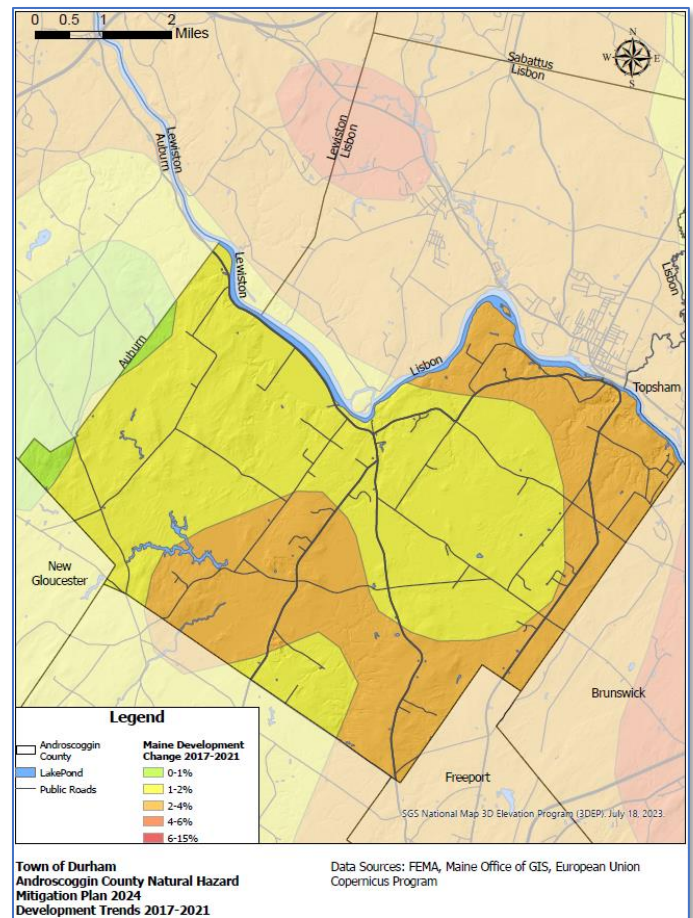
*Figure A3: Town of Durham Changes in Development 2017-2021 using Sentinel 2 satellite data.*

**Employers:** Durham has no major employers, but serves as a bedroom community for larger jurisdictions such as Lewiston and Auburn.

**Transportation:** Large volumes of traffic pass through

Androscoggin County either to locations within or beyond the county's borders. Interstate 95 is the primary route of travel for motor vehicle traffic in Maine. Highway exits are located in Auburn, Lewiston and Sabattus, allowing for significant amounts of traffic to be brought into Androscoggin County. Androscoggin County has a bus-based mass transit system served by Western Maine Transportation, Greyhound Bus Lines and Concord Bus Lines. All 8 school districts in Androscoggin County have buses used to transport students.

- **Highways.** Androscoggin County is served by the Maine Turnpike (part of Interstate 95), with exits in Auburn, Lewiston and Sabattus. US Route 202 serves to connect the western and eastern portions of the county. Major state routes in the area include Routes 26 and 121 serving the western part of the county, Route 196 providing connections south to the Brunswick/Topsham area, Routes 126 serving the eastern towns and Route 4 serving the north. Route 4 also provides access from Franklin County to the Maine Turnpike.
- **Rail.** Androscoggin County does not currently have regular passenger rail service but does have a freight rail network with 57 grade crossings across the county. The St. Lawrence & Atlantic connects to Canada via New Hampshire, and CSX Transportation (formerly Pan Am Railways) provides connections to the southern and eastern portions of Maine.
- **Airports.** The Auburn-Lewiston Municipal Airport supports local and regional general aviation, flight training, cargo, and a large volume of corporate activity. The airport has two runways: one 5,001 feet in length and one 2,750 feet in length. The airport is owned and operated jointly by the cities of Auburn and Lewiston. The only other paved runway in Androscoggin County was the former Twitchell Airport in Turner, which closed in 2023. There are also several privately owned grass field airports that receive limited traffic in the towns of Durham, Leeds, Livermore Falls and Wales.



- **Hazardous Material Routes.** Hazardous materials are shipped throughout Androscoggin County. Routes are monitored by the State, County, and towns and will not be discussed further in this plan.

**Jurisdictional Planning Team:** The Town of Durham followed the process as described in Element A. This data set was developed over the course of several months with input from many jurisdiction representatives. All departments were asked to contribute to the annex development through reviewing and contributing to the capability assessment, reporting on the status of previously identified actions, and participating in action identification and prioritization. The following table summarizes who participated and in what capacity. Additional documentation on the municipality's planning process through Project Planning workshop is included in Element A - Planning Process and Appendix D (Meeting Documentation).

Table A12: Jurisdiction Planning Team - Durham					
Primary Point of Contact					
Name: Robb Tripp Title: Fire Chief/EMA Director Address: 615 Hallowell Road, Durham, ME, 04222 Phone Number: 207-353-2473 X21 Email: chief@durhammaine.gov					
NFIP Floodplain Administrator					
Name: Alan Plummer Title: Code Enforcement Officer Address: 630 Hallowell Road, Durham, ME, 04222 Phone Number: 207-407-3500 Email: ceo@durhamaine.gov					
Name	Title and Department	Kickoff	Seminar	Workshop	Survey
Robb Tripp	Fire Chief/EMA Director	X	X	X	X

## Project Worksheet - Codes & Regulations - Durham

### Building Codes

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		1/24/2005	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> <li>• <a href="#">Maine Uniform Building and Energy Code (MUBEC)</a> was established in 2010 for all municipalities with more than 4,000 residents</li> <li>• Building Codes are specified in the town <a href="#">Land Use Ordinance Article 5 Section 5.10</a></li> </ul>				

### Town Zoning Ordinances

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		4/1/2023	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> <li>• Maine municipalities can adopt ordinances under <a href="#">MSRA 30-A Chapter 141</a></li> <li>• Zoning and Land Use codes are included in the town <a href="#">Land Use Ordinance</a>.</li> </ul>				

### Local Subdivision Regulations

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		4/1/2023	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> <li>• Maine Subdivision law is described in <a href="#">MSRA 30-A Chapter 187 Subchapter 4</a></li> <li>• Subdivision regulations are included in the town <a href="#">Land Use Ordinance Article 6</a></li> </ul>				

### Storm water Management

Adopted, if yes when?			Have aspects of the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		4/1/2023	If no, add Mitigation project # if applicable.	
Comments				
<ul style="list-style-type: none"> <li>• Stormwater Management is required under <a href="#">MSRA 30-A Chapter 161</a> for sewers and <a href="#">MSRA 38 Section 420-D</a> for certain construction projects.</li> <li>• Stormwater Management is required for subdivisions under the town <a href="#">Land Use Ordinance Article 6 Section 6.8</a>.</li> </ul>				

## Project Worksheet - Codes & Regulations - Durham

### Comprehensive Plan/Master Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
X		4/6/2019	If no, add Mitigation project # if applicable.

#### Comments

- Comprehensive plans are developed by the municipality and reviewed by the state [Department of Agriculture, Conservation and Forestry](#)

### Shoreland Management Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
X		4/1/2023	If no, add Mitigation project # if applicable.

#### Comments

- Shoreland Zoning Plans are required in all municipalities under [MSRA 3 Article 2-B](#)
- Shoreland management regulations are included in the town [Land Use Ordinance Article 9](#)

### Floodplain Management Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
X		4/1/2023	If no, add Mitigation project # if applicable.

#### Comments

- Durham's Floodplain Management Plan is part of the town [Land Use Ordinance Article 11](#)
- Durham joined the National Flood Insurance Program (NFIP) in May 4, 1988.
- This program is administered by the town Code Enforcement Officer

### Business/Economic Development Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?
YES	NO	DATE	If yes, describe how in comments.
	X	N/A	If no, add Mitigation project # if applicable.

#### Comments

- Durham does not have a specific Economic Development plan; however economic development is discussed in the town Comprehensive Plan.

## Project Worksheet - Codes & Regulations - Durham

### Comprehensive Emergency Management Plan/Emergency Operations Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
X		6/12/2012	If no, add Mitigation project # if applicable.	

#### Comments

- Municipalities are required to have an Emergency Operations Plan under [MSRA 37-B Section 783](#)

### Continuity of Operations Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
	X		If no, add Mitigation project # if applicable.	

#### Comments

- Municipal Continuity of Operations plans are encouraged, but not required under state law

### Debris Management Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
	X	N/A	If no, add Mitigation project # if applicable.	

#### Comments

- Municipal Debris Management Plans must be approved by the state Department of Environmental Protection
- Durham does not currently have a site specifically identified as a Debris Management Site.

### Public Health Plan

Adopted, if yes when?			Have aspects if the HMP been incorporated into the jurisdiction's codes/ordinances/requirements?	
YES	NO	DATE	If yes, describe how in comments.	
	X	N/A	If no, add Mitigation project # if applicable.	

#### Comments

- Durham has a local Public Health officer as required under [MSRA 22 Chapter 153](#).

Project Worksheet - Project Development				
Project Name:	Durham Town Hall Generator Replacement			
Project Number:	2024-Durham-001			
Risk / Vulnerability				
Hazard(s) of Concern:	Severe Winter Weather, Severe Summer Weather			
Description of the Problem:	Replacement of non-working town hall generator. Upgrade of protection.			
Action or Project Intended for Implementation				
Description of the Solution:	Increase the reliability of the town hall generator, as well as protecting the continuity of operations for the town of Durham.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	Designed per site	Estimated Benefits (losses avoided):	Continuity of Operations	
Useful Life:	20 years	Goal(s) Met:	2	
Estimated Cost:	\$25,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	Medium	Desired Timeframe for Implementation:	1.5 Years	
Est. Time Required for Project Implementation:	1 year	Potential Funding Sources:	BRIC, Budget	
Responsible Organization:	Town of Durham	Local Planning Mechanisms to be Used in Implementation:	Emergency Planning & Mitigation	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	No Action	\$0	Lack of back up continues	
	Townwide Capital Improvement Plan	\$25,000	Multi-Year buildout	
	Other grant opportunities	\$25,000	Not guaranteed	

## Project Worksheet - Maintenance

### Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

### Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

### Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

### Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

### Status Report (for plan maintenance) Year 5

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

Project Prioritization Worksheet - Prioritization			
Project Name:	Durham Town Hall Generator Replacement		
Project Number:	2024-Durham-001		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	1	No life safety, continuity of operations at town hall	
Property Protection	1	Protection of infrastructure, pipes, heating and alarm	
Cost-Effectiveness	0		
Technical	0		
Political	0		
Legal	0		
Fiscal	0	Not in current or projected budget cycle	
Environmental	0		
Social	0		
Administrative	1	Town continuity of operations	
Multi-Hazard	1	Severe Winter Weather, Severe Summer Weather	
Timeline	1	Year 2024 timeframe	
Agency Champion	0		
Community Objectives	0		
Total	5	Priority (High/Med/Low)	Medium

Project Worksheet - Project Development				
Project Name:	Town of Durham Fuel Depot			
Project Number:	2024-Durham-002			
Risk / Vulnerability				
Hazard(s) of Concern:	Severe Winter Weather			
Description of the Problem:	Currently the town has two sites for fuel distribution. Neither meet current DEP standards for fire protection or containment. Neither site has a card reader system for other town departments.			
Action or Project Intended for Implementation				
Description of the Solution:	Single site fuel distribution with up to date standards for fire protection and spill containment. With a cost reduction for delivery charges. Other town departments would benefit from single source.			
Is this project related to a Critical Facility?	Yes	X	No	
Level of Protection:	Fuel Spill/Environmental Protection	Estimated Benefits (losses avoided):	Cost Savings & Environmental Benefits	
Useful Life:	20 years	Goal(s) Met:	1,2	
Estimated Cost:	\$20,000	Mitigation Action Type:	Structure/Infrastructure Project	
Plan for Implementation				
Prioritization:	High	Desired Timeframe for Implementation:	2 Years	
Est. Time Required for Project Implementation:	2 Years	Potential Funding Sources:	HMGP, BRIC, Budget	
Responsible Organization:	Durham Public Works	Local Planning Mechanisms to be Used in Implementation:	Hazard Mitigation	
Three Alternatives Considered (including No Action)				
Alternatives:	Action	Estimated Cost	Evaluation	
	No Action	\$0	Current problem continues	
	System Replacement	\$20,000	Multi-Year buildout	
	System Upgrade	\$12,000	Only adds card reader system	

## Project Worksheet - Maintenance

### Status Report (for plan maintenance) Year 1

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

### Status Report (for plan maintenance) Year 2

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

### Status Report (for plan maintenance) Year 3

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

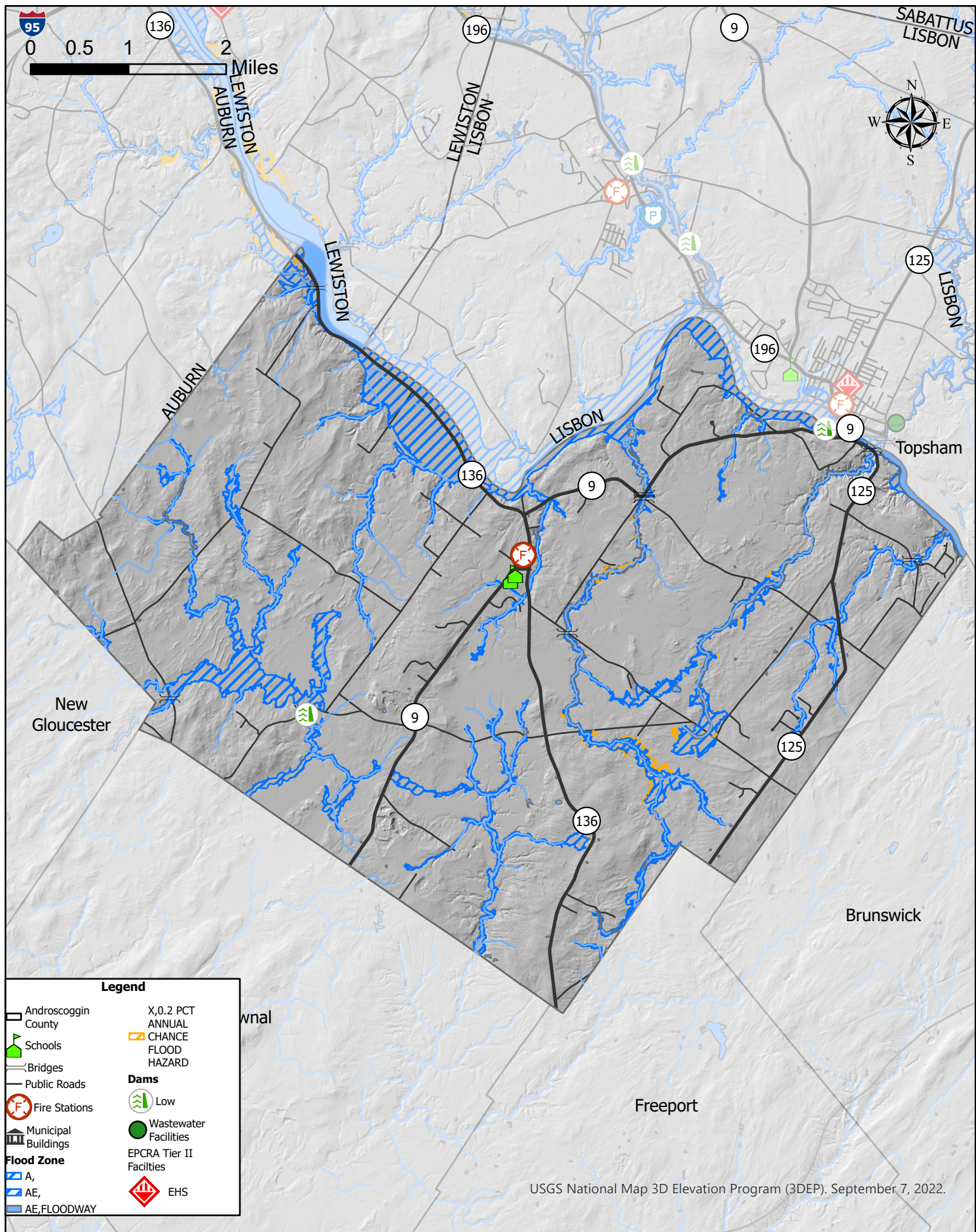
### Status Report (for plan maintenance) Year 4

Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

### Status Report (for plan maintenance) Year 5

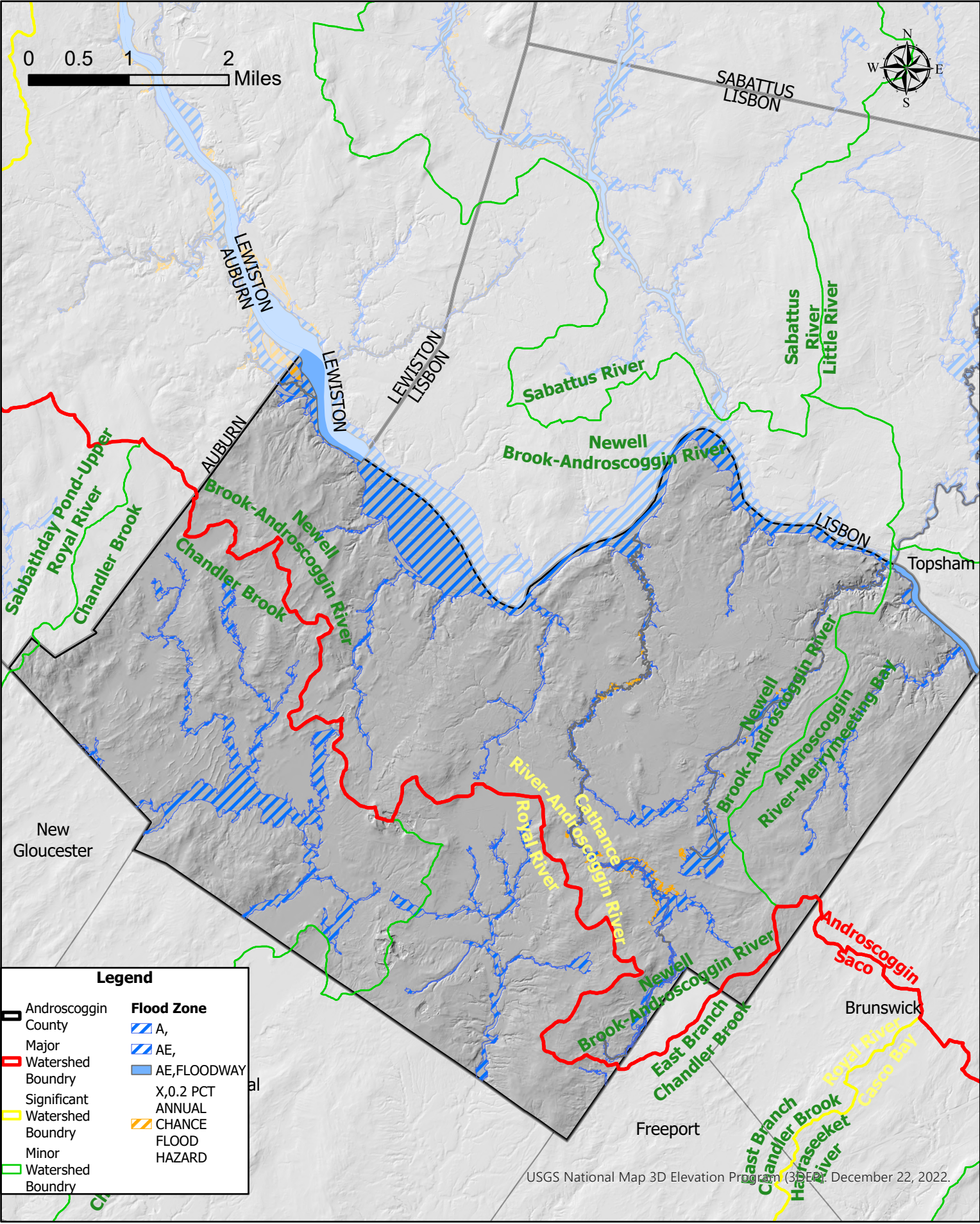
Date of Status Report:	
Project Status:	
Update Evaluation of the Problem:	
Update Evaluation of the Solution:	

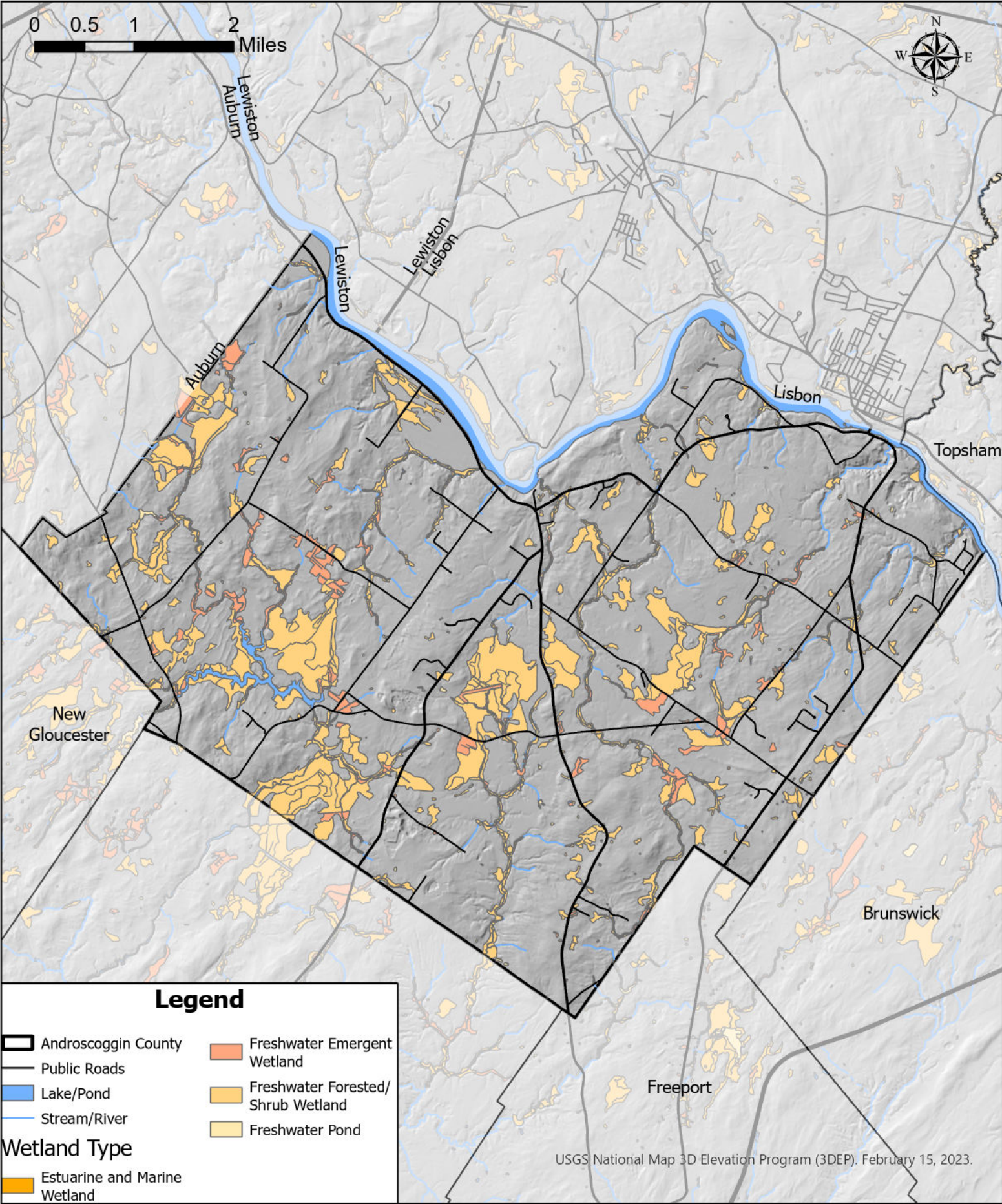
Project Prioritization Worksheet - Prioritization			
Project Name:	Town of Durham Fuel Depot		
Project Number:	2024-Durham-002		
Criteria	Numeric Rank (-1, 0, 1)	Provide brief rationale for numeric rank when appropriate	
Life Safety	0		
Property Protection	1	Environmental protection of fuel distribution	
Cost-Effectiveness	1	Prevents potential harm to surrounding water sources	
Technical	1	Feasible and long term	
Political	1	Support from CIP and budget committee	
Legal	1	Maine DEP compliant	
Fiscal	0	No line item or potential funding sources identified	
Environmental	1	Will comply with current environmental regulations	
Social	0		
Administrative	0		
Multi-Hazard	1	Protects and reduces the potential harm to environment	
Timeline	1	Can be completed within 1–2-year timeframe	
Agency Champion	0		
Community Objectives	1	Advances our capital improvement plans, long term goals	
Total	10	Priority (High/Med/Low)	High

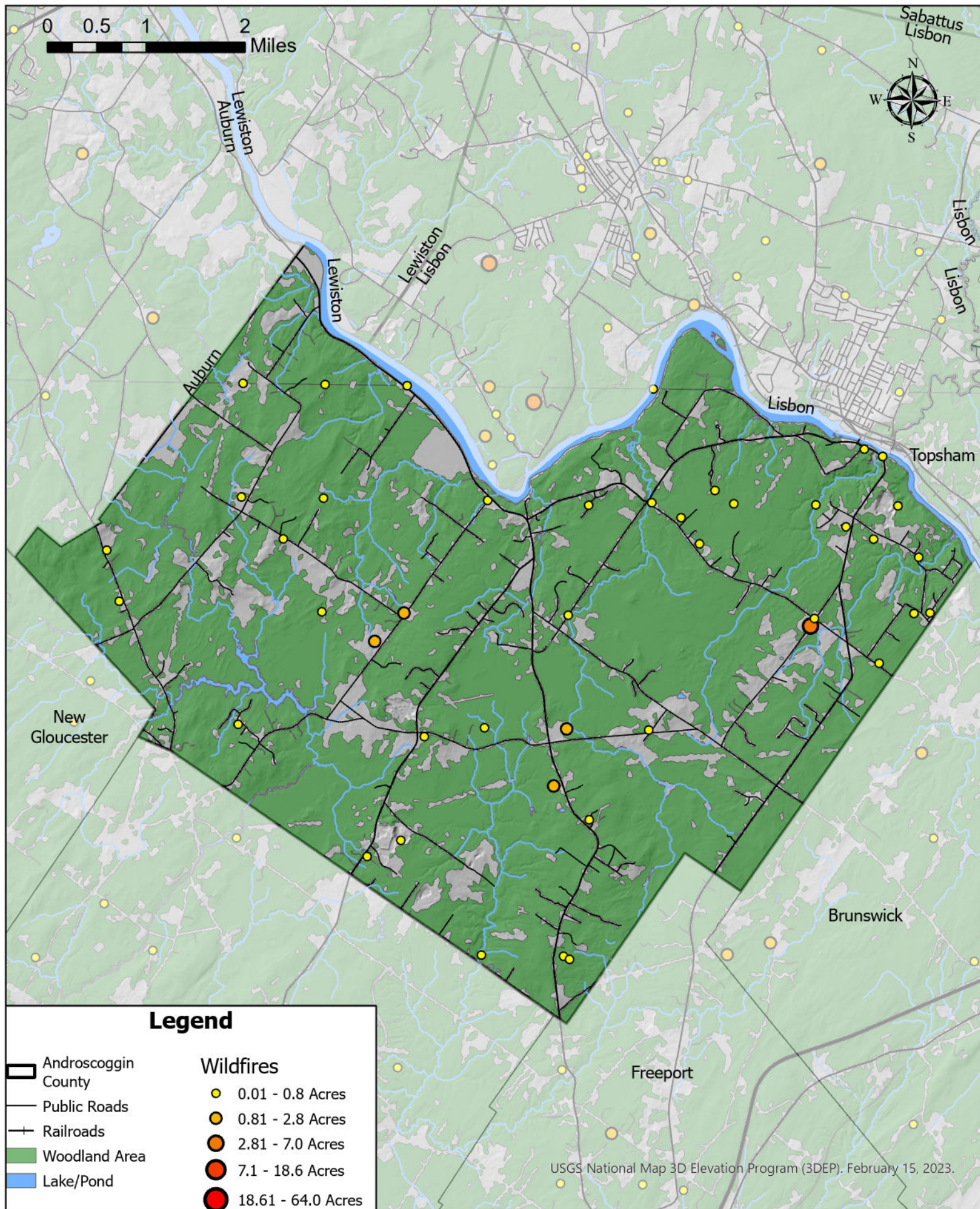


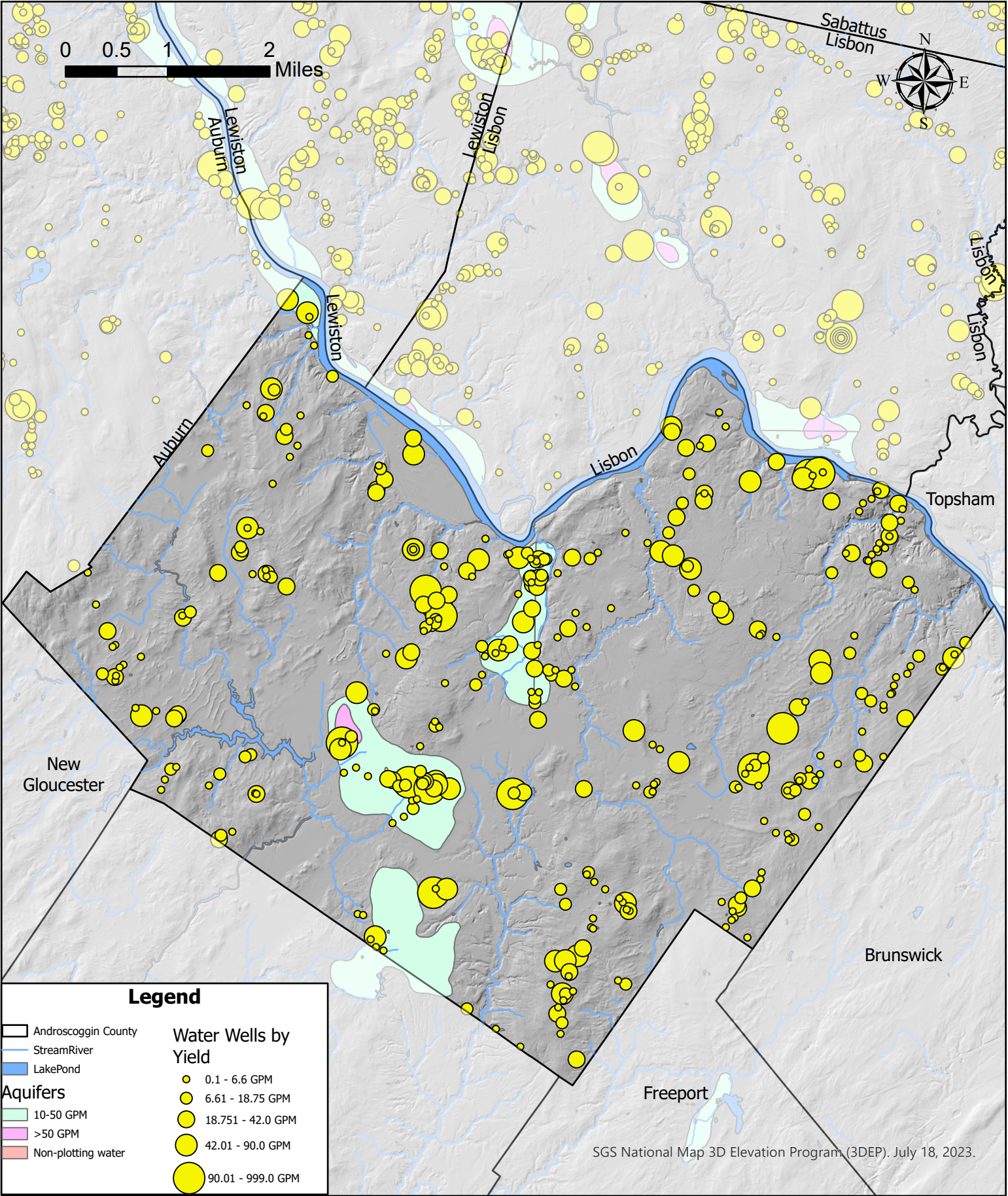
**Town of Durham  
Androscoggin County  
Hazard Mitigation Plan 2024**

Data Sources: U.S. Geological Survey, FEMA, Homeland Infrastructure Foundation Level Database, Maine Office of GIS, Androscoggin County Emergency Management Agency





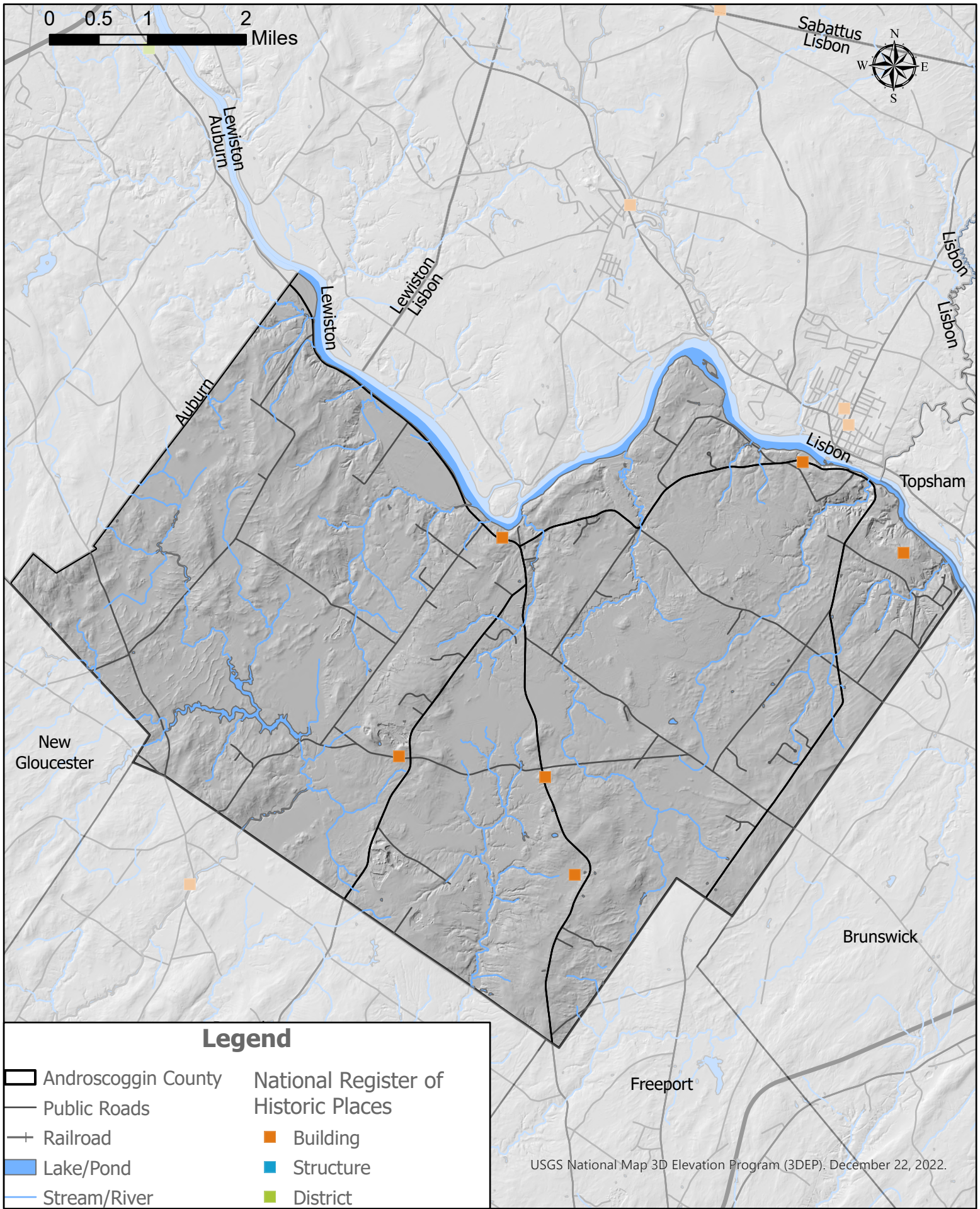


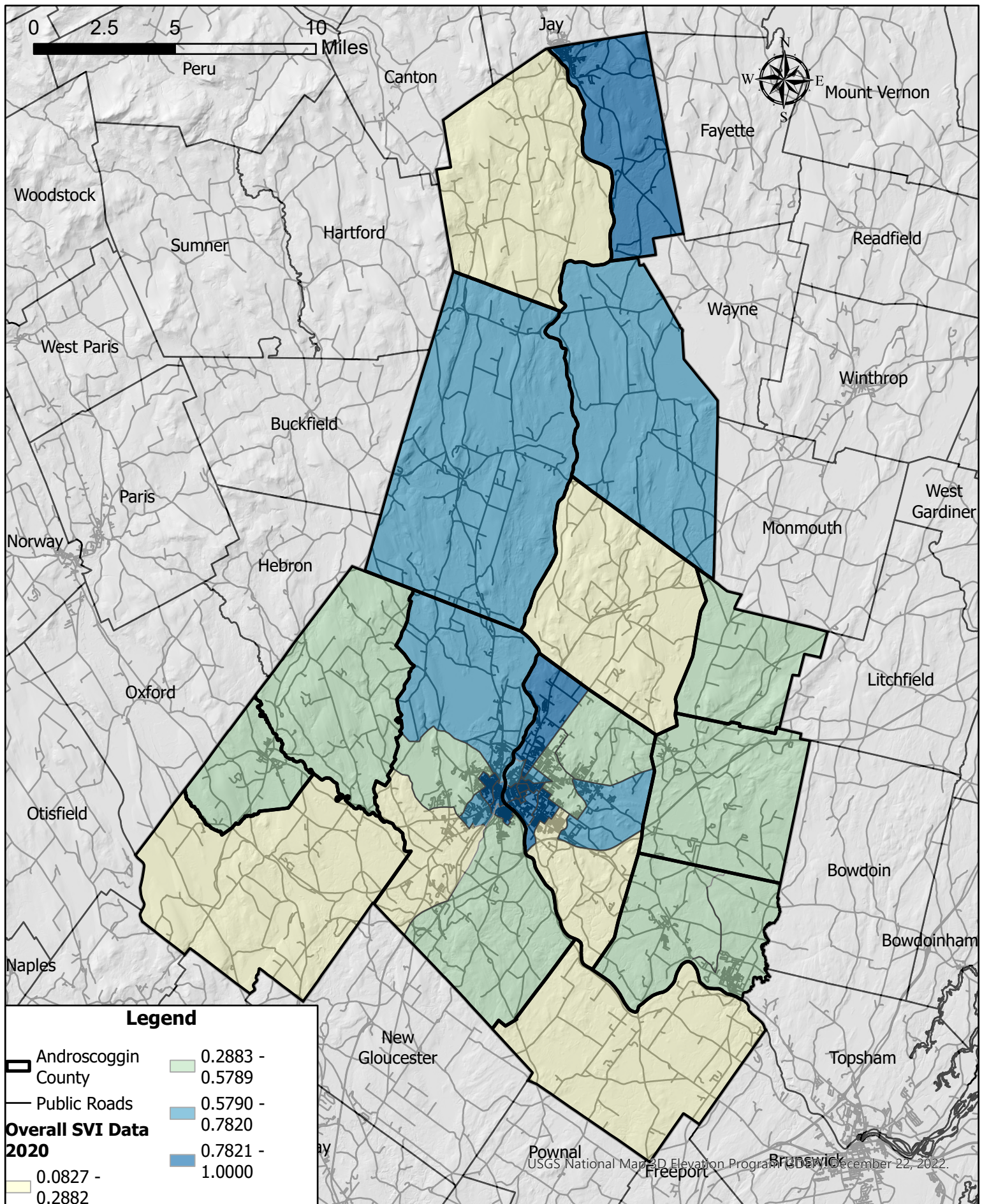


**Town of Durham  
Androscoggin County Hazard  
Mitigation Plan 2024  
Water Sources Map**

Data Sources: Maine Geological Survey: Homeland Infrastructure  
Foundation Level Database, Maine Office of GIS, Maine Drinking Water  
Program, Androscoggin County Emergency Management Agency

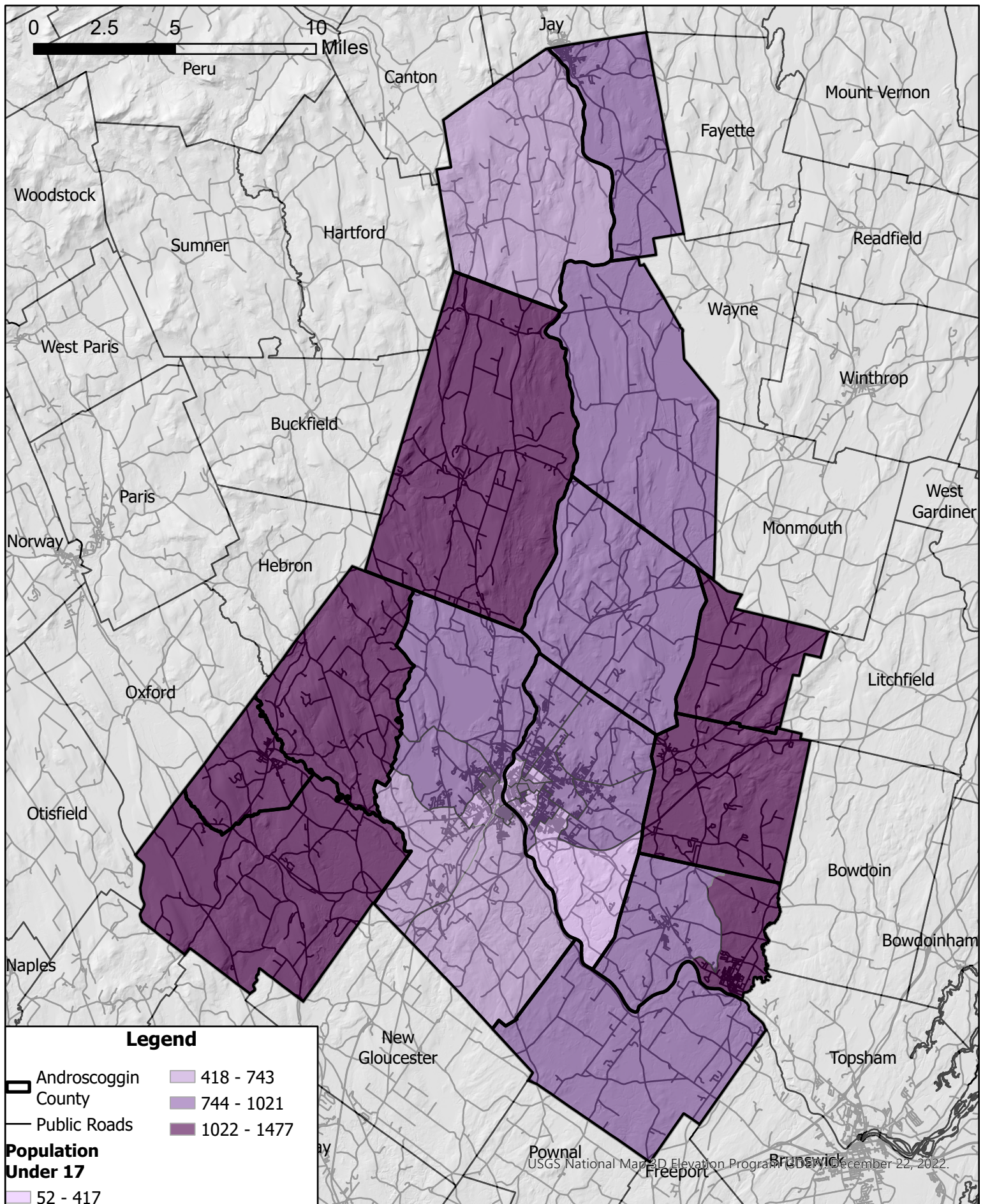






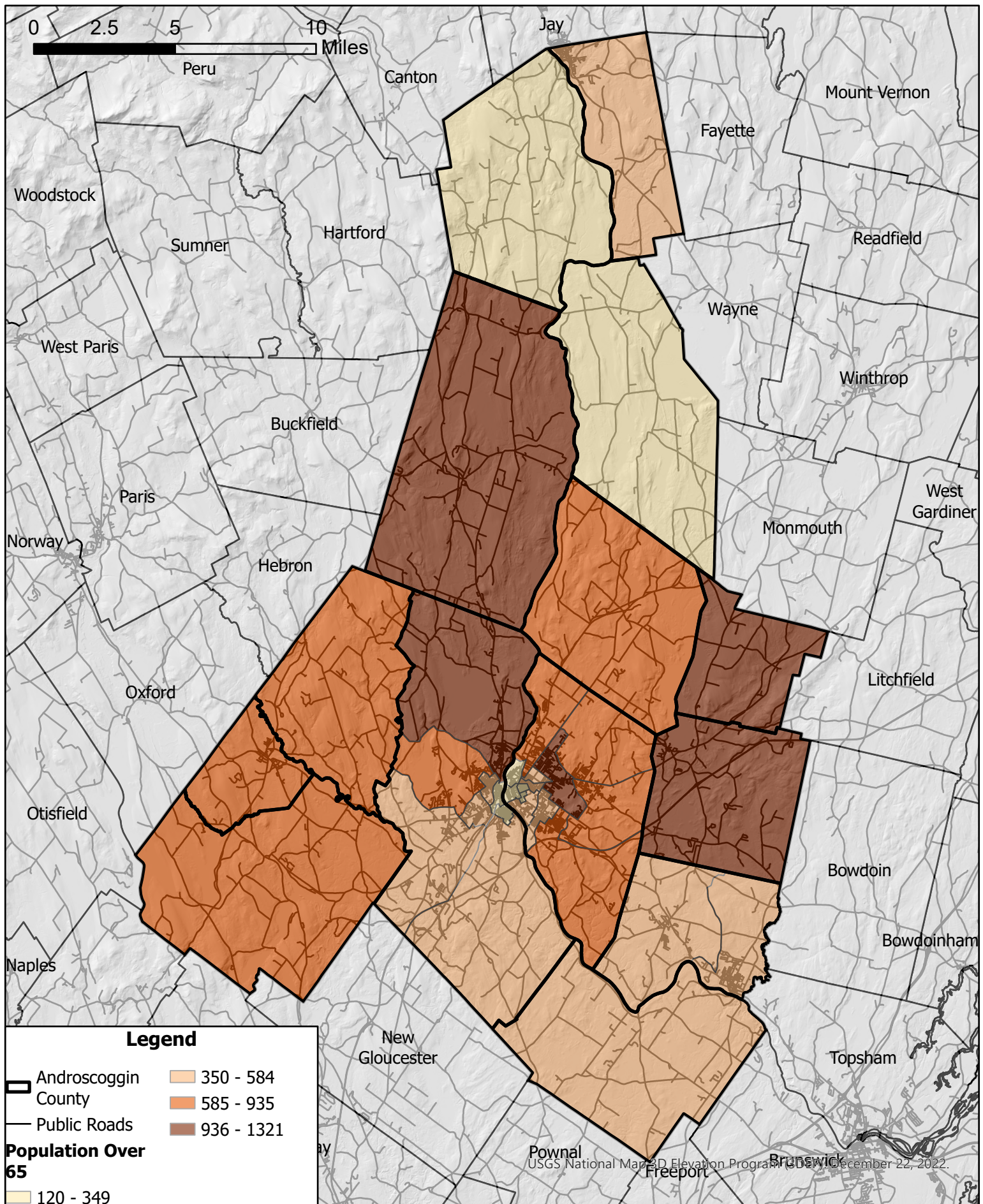
**Androscoggin County  
Social Vulnerability Index Data 2020  
By Census Tract**

**Note: Social Vulnerability is based on 16 variables selected by the CDC, SVI values closer to 1 are considered more Socially Vulnerable**  
Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



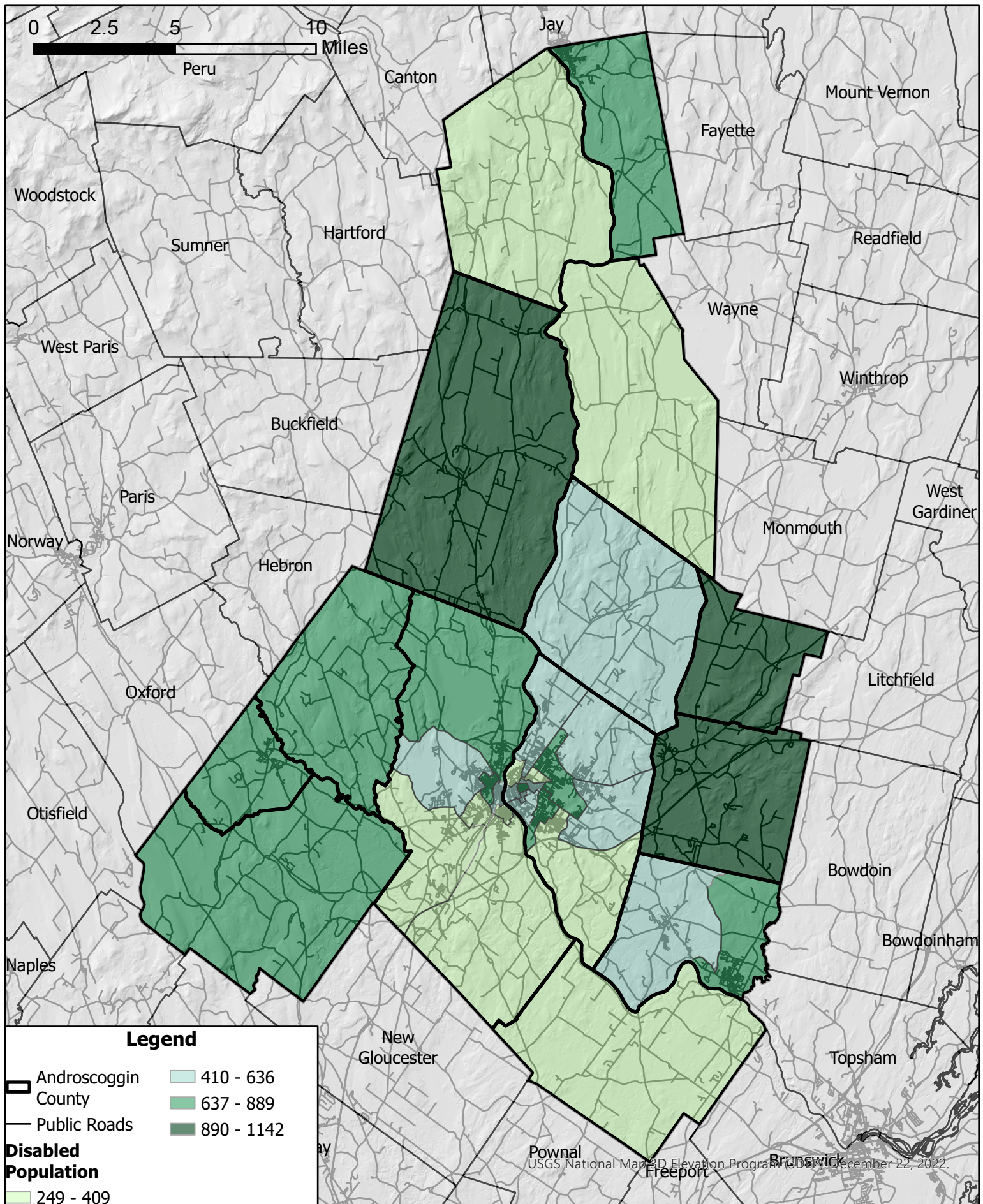
**Androscoggin County  
Population Under 17 Years of Age  
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



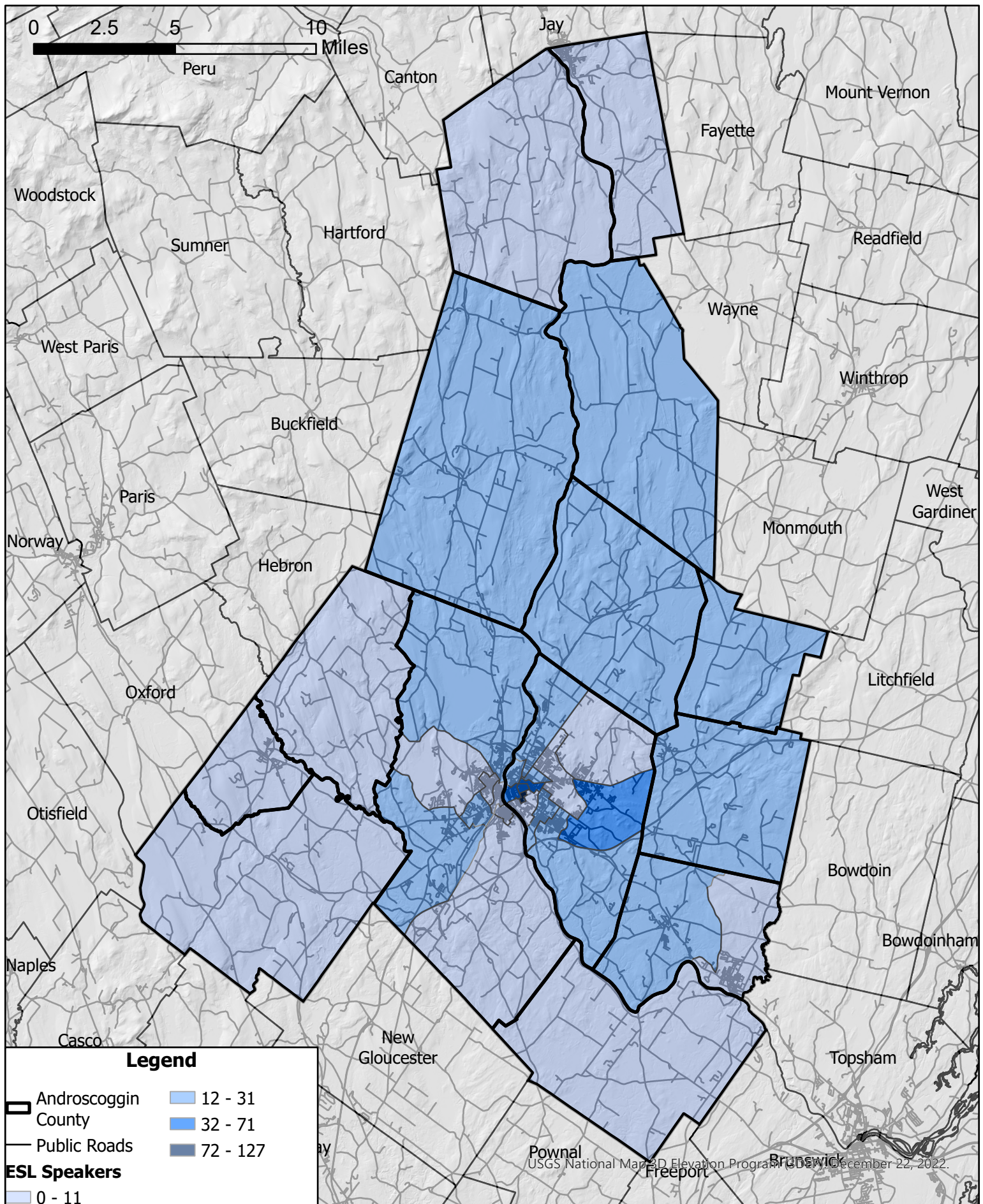
**Androscoggin County  
Population Over 65 Years of Age  
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



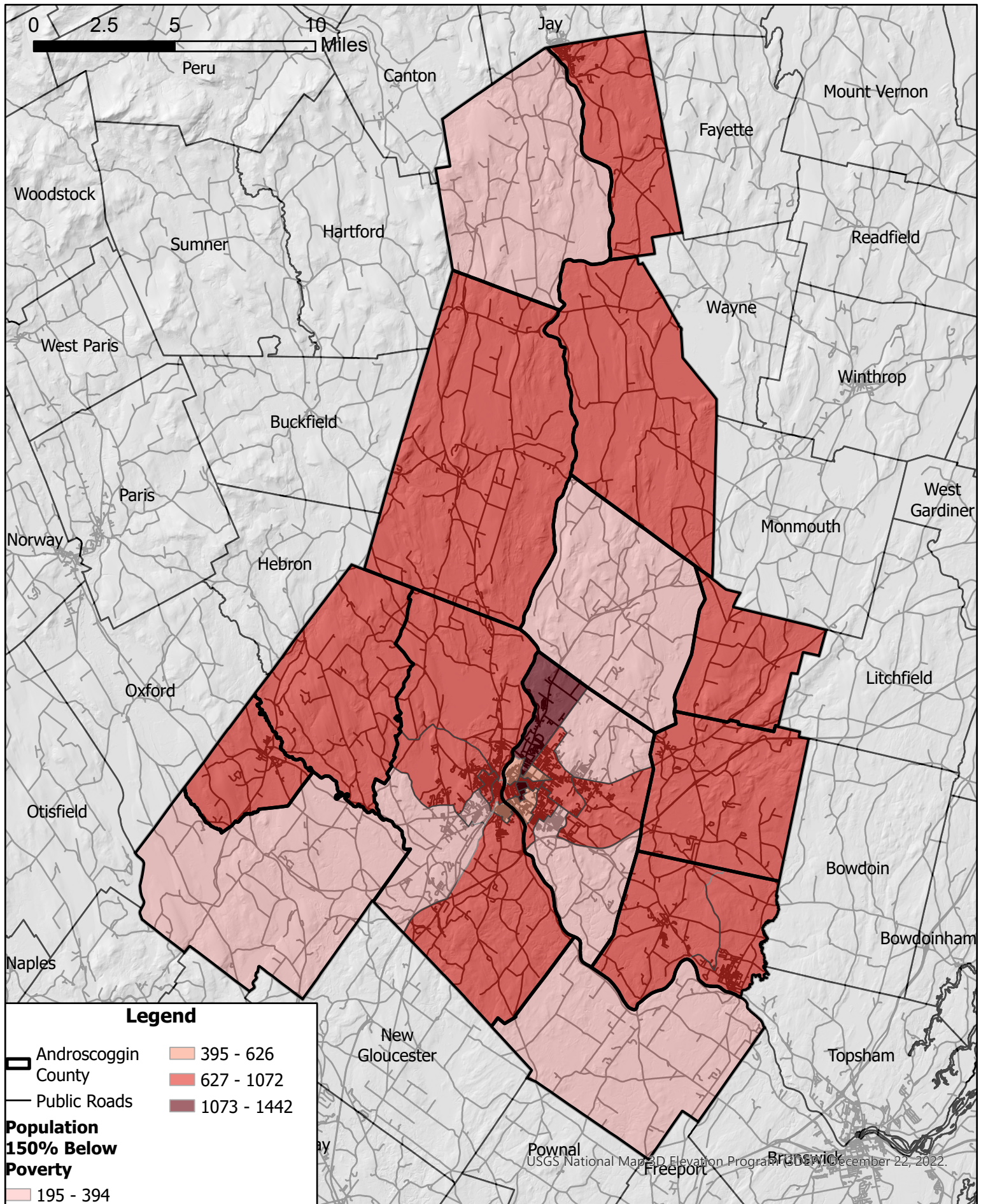
**Androscoggin County  
Population with a Disability  
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



**Androscoggin County  
Population who speak English "less than well"  
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS



**Androscoggin County  
Population Below 150% Poverty Threshold  
By Census Tract**

Data Sources: CDC/ATSDR Social Vulnerability Index, Maine Office of GIS