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## **Appendix A – Jurisdiction Profiles**

### Androscoggin County

**Location:** Androscoggin County, incorporated in 1854, created from parts of Cumberland, Franklin, Oxford, and Lincoln Counties, with a land area of 468 square miles is the fourth smallest county in Maine. The county seat is located in the City of Auburn. Androscoggin County shares borders with Franklin County to the North, Kennebec County to the East, Sagadahoc County to the southeast, Cumberland County to the South and Oxford County to the West.

**Population:** According to the U.S. Census Bureau, the combined population of the two cities and 12 towns of Androscoggin County is 111,139, as of 2020. Historically, Androscoggin County's population has steadily increased with only a minor decrease in population between 1990 and 2000, due to the closure of several mills. Lewiston is the second most populated city in the State of Maine, with a population of 37,121. For a detailed breakdown of population by jurisdiction, refer to Table A3. Between 2010 and 2020 all municipalities, except for Leeds, Livermore Falls and Wales gained population. 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>

| le A1: Population of Androscoggin County and Maine 1880 - 2020 |                     |           |  |  |
|--|---------------------|-----------|--|--|
| Year   | Androscoggin County | Maine     |  |  |
| 1930   | 71,214              | 797,423   |  |  |
| 1940   | 76,679              | 847,226   |  |  |
| 1950   | 83,594              | 914,950   |  |  |
| 1960   | 86,312              | 970,689   |  |  |
| 1970   | 91,279              | 992,048   |  |  |
| 1980   | 99,657              | 1,124,660 |  |  |
| 1990   | 105,259             | 1,227,928 |  |  |
| 2000   | 103,793             | 1,274,923 |  |  |
| 2010   | 107,702             | 1,328,361 |  |  |
| 2020   | 111,139             | 1,362,359 |  |  |
| 1930-40 Change   | 7.7%                | 6.2%      |  |  |
| 1940-50 Change   | 9.0%                | 8.0%      |  |  |
| 1950-60 Change   | 3.3%                | 6.1%      |  |  |
| 1960-70 Change   | 5.8%                | 2.2%      |  |  |
| 1970-80 Change   | 9.2%                | 13.4%     |  |  |
| 1980-90 Change   | 5.6%                | 9.2%      |  |  |
| 1990-00 Change   | -1.4%               | 3.8%      |  |  |
| 2000-10 Change   | 3.8%                | 4.2%      |  |  |
| 2010-20 Change   | 3.2%                | 2.6%      |  |  |

<sup>1</sup>Maine State Economist Population Outlook

**County 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.

| Measure  | Androscoggin County | Maine     | United States |
|--|---------------------|-----------|---------------|
| Population   |                     |           |               |
| Total Population   | 111,147             | 1,362,359 | 331,449,281   |
| Population Under 5 Years                                     | 5.8%                | 4.7%      | 5.9%          |
| Population Under 18 Years                                    | 21.0%               | 18.4%     | 22.1%         |
| Population 65 and Over                                       | 17.1%               | 20.3%     | 15.8%         |
| Race - White Alone   | 86.9%               | 90.8%     | 61.6%         |
| Race - Black or African American Alone                       | 5.9%                | 1.9%      | 12.4%         |
| Race - American Indian & Alaska Native Alone                 | 0.4%                | 0.6%      | 1.1%          |
| Race - Asian Alone   | 0.8%                | 1.2%      | 6.0%          |
| Race - Native Hawaiian & Other Pacific Islander Alone        | 0.1%                | 0.0%      | 0.0%          |
| Race - Some Other Race Alone                                 | 0.7%                | 0.7%      | 8.4%          |
| Race - Two or More Races                                     | 5.2%                | 4.7%      | 10.2%         |
| Housing  |                     |           |               |
| Median Value of Owner-Occupied Units 2017-2021               | \$175,100           | \$212,500 | \$244,900     |
| Total Households 2017-2021                                   | 45,770              | 571,064   | 124,010,992   |
| Persons per Household 2017-2021                              | 2.34                | 2.31      | 2.80          |
| Education  |                     |           |               |
| High school graduate or higher, persons 25 and over 2017-    | 91.8%               | 93.7%     | 88.9%         |
| Bachelor's degree or higher, persons 25 and over 2017-2021   | 22.9%               | 33.6%     | 33.7%         |
| Economy  |                     |           |               |
| In civilian labor force, population 16+, 2017-2021           | 64.6%               | 62.7%     | 63.1%         |
| Mean travel time to work, minutes, workers 16+, 2017-2021    | 24.3                | 24.3      | 26.8          |
| Income and Poverty   |                     |           |               |
| Median household income, in 2021, dollars, 2017-2021         | \$59,287            | \$63,182  | \$69,021      |
| Per capita income in past 12, months, in 2021 dollars, 2017- | \$31,688            | \$36,171  | \$37,638      |
| Persons in poverty, percent                                  | 14.0%               | 11.5%     | 11.6%         |
| Geography  |                     |           |               |
| Population Density (persons/sq. mi. 2020)                    | 237.5               | 44.2      | 93.8          |

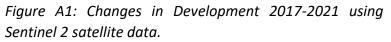
Source: US Census 2020

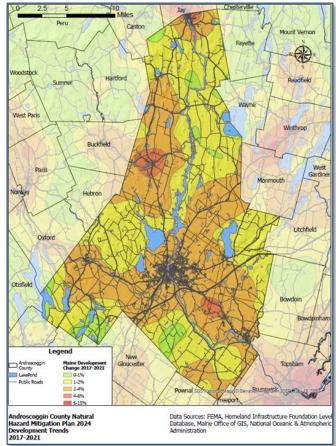
**Municipal Population:** The following table shows the population of the 2 cities and 12 towns of Androscoggin County. Lewiston is the second most populated city in the State of Maine, with a population of 37,121. Between 2010 and 2020 all municipalities, except for Leeds, Livermore Falls and Wales gained population.

| Table A3: Androscoggin County Population and Housing 2020 |                                  |                                  |                     |                             |                                   |                 |
|---|----------------------------------|----------------------------------|---------------------|-----------------------------|-----------------------------------|-----------------|
| Town  | Year-Round<br>Population<br>2010 | Year-Round<br>Population<br>2020 | % Change<br>2010-20 | Total Housing<br>Units 2020 | Occupied<br>Housing<br>Units 2020 | %<br>Unoccupied |
| Auburn  | 23,055                           | 24,061                           | 4.4%                | 11,000                      | 10,030                            | 9.7%            |
| Durham  | 3,848                            | 4,173                            | 8.4%                | 1,660                       | 1,611                             | 3.0%            |
| Greene  | 4,350                            | 4,376                            | 0.6%                | 1,958                       | 1,747                             | 12.1%           |
| Leeds   | 2,326                            | 2,262                            | -2.8%               | 1,053                       | 903                               | 16.6%           |
| Lewiston  | 36,592                           | 37,121                           | 1.4%                | 16,579                      | 15,285                            | 8.5%            |
| Lisbon  | 9,009                            | 9,711                            | 7.8%                | 4,179                       | 3,945                             | 5.9%            |
| Livermore   | 2,095                            | 2,127                            | 1.5%                | 1,151                       | 908                               | 26.8%           |
| Livermore Falls   | 3,187                            | 3,060                            | -4.0%               | 1,494                       | 1,316                             | 13.5%           |
| Mechanic Falls  | 3,031                            | 3,107                            | 2.5%                | 1,341                       | 1,264                             | 6.1%            |
| Minot   | 2,607                            | 2,766                            | 6.1%                | 1,114                       | 1,052                             | 5.9%            |
| Poland  | 5,376                            | 5,906                            | 9.9%                | 2,852                       | 2,361                             | 20.8%           |
| Sabattus  | 4,876                            | 5,044                            | 3.4%                | 2,244                       | 2,097                             | 7.0%            |
| Turner  | 5,734                            | 5,817                            | 1.4%                | 2,544                       | 2,282                             | 11.5%           |
| Wales   | 1,616                            | 1,608                            | -0.5%               | 668                         | 592                               | 12.8%           |

Source: US Census 2020

Changes in Development: There has been no significant change in vulnerability in Androscoggin County over the past five years. Land use within Androscoggin County ranges from urban to suburban residential areas, as well as 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.





**Economic Trends:** The following are some of the economic trends in Maine which may impact Androscoggin County. These statewide trends were highlighted in the Maine Strategic Planning Summit<sup>1</sup> in June 2019 by the Maine State Economist, Amanda Rector.

#### Macroeconomic Trends in Maine

- Maine's economic growth is falling further behind the rest of New England and the US, likely due to our industry mix and demographics.
- Maine lacks a critical mass of high-growth industries that are propelling growth elsewhere in the US
- Worker productivity is improving but still much lower than the rest of country.
- Incomes and wages are lower in Maine than elsewhere in the US.
- Maine's overall poverty rate is falling, and lower than the US, but poverty is high among children and in Maine's "rim" counties.
- Maine's economy and tax revenue are highly dependent on tourism and retail, which are cyclical.
- Economic growth is increasingly concentrated around Portland and, to a lesser extent, Maine's other urban areas.
- After growing strongly in the 2000s, Maine's export growth has stalled.

#### **Economic Sector and Cluster Trends**

- Maine's healthy tourism industry provides employment and income for thousands of people, but needs more well-paying, year-round jobs.
- Health care continues to be one of Maine's largest employers, but the industry is maturing, and the pace of growth is slowing.
- Professional and business services is one of Maine's largest and fastest growing industries.
- After decades of decline, the manufacturing industry has stabilized and diversified, and is seeing pockets of growth.
- Construction employment has not returned to pre-recession levels, but those levels were likely artificially high due to the housing bubble.
- The composition of Maine's financial industry is shifting, and overall employment has fallen slightly.
- After decades of challenges, Maine's forest products industry now has high potential to modernize, diversify, and grow.
- Farming is enjoying a revival, propelled in part by increased demand for local, sustainable, and organic products.
- There is a growing cluster of locally grown beer and breweries that is attracting tourists and contributing to exports.

Maine is a regional leader in renewable energy, but this industry needs support and stability to grow.
<sup>1</sup> Maine Strategic Planning Summit Presentation

**Employers:** According to data from the Maine Department of Labor, in the 1<sup>st</sup> quarter of 2023, the 5 largest employers in Androscoggin County were Central Maine Health Care Corporation, St. Mary's Regional Medical Center, Bates College, Wal-Mart Associates and TD Bank. Table A4 below shows the 10 largest employers in Androscoggin County.

| Description<br>eral Medical and Surgical Hospitals<br>eral Medical and Surgical Hospitals<br>ges, Universities, and Professional Schools | Employment<br>Range<br>1,501 to 2,000<br>1,001 to 1,500<br>501 to 1,000  |
|--|--|
| eral Medical and Surgical Hospitals  | 1,001 to 1,500   |
|  |  |
| ges, Universities, and Professional Schools  | 501 to 1,000   |
|  | ,  |
| eral Warehousing & Storage   | 501 to 1,000   |
| marketing Bureaus & Other Contact Centers  | 1 to 500   |
| ehouse Clubs and Supercenters  | 1 to 500   |
| ary Paper Product Manufacturing  | 1 to 500   |
| orate, Subsidiary & Regional Managing Offices  | 1 to 500   |
| mercial Printing (except Screen and Books)   | 1 to 500   |
| orate, Subsidiary & Regional Managing Offices  | 1 to 500   |
| t  | eral Warehousing & Storage<br>marketing Bureaus & Other Contact Centers<br>ehouse Clubs and Supercenters<br>tary Paper Product Manufacturing<br>orate, Subsidiary & Regional Managing Offices<br>mercial Printing (except Screen and Books)<br>orate, Subsidiary & Regional Managing Offices<br>ch and Information |

**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.

| Project Worksheet: - I  | Project Development         |  |                    |                            |  |  |  |
|---|-----------------------------|--|--------------------|----------------------------|--|--|--|
| Project Name:   | All Hazards Risk Assessment |  |                    |                            |  |  |  |
| Project Number:   | 2024-ACEMA-01               | 2024-ACEMA-01  |                    |                            |  |  |  |
|   | Risk /                      | Vulnerability  |                    |                            |  |  |  |
| Hazard(s) of Concern:   | All Hazards include those   | which were ider  | ntified in this Ha | zard Mitigation Plan       |  |  |  |
| Description of the Problem:   |                             | Continuous changes in development, climate, infrastructure, and vulnerabilities the prompts the need of jurisdictions to require risk assessments. |                    |                            |  |  |  |
|   | Action or Project Int       | ended for Impler   | mentation          |                            |  |  |  |
| Description of<br>the Solution:<br>Conduct the Androscoggin County All Hazards Risk Assessment to provide an<br>overall and accurate analysis of the hazards and threats that pose the greatest risk<br>to inform local hazard mitigation efforts utilizing most up to date resources, maps,<br>reports, climate change modeling to allow for authorities to make informed<br>decisions regarding development and investment in mitigation. |                             |  |                    |                            |  |  |  |
| Is this project related to a  | a Critical Facility?        | Yes  | х                  | No                         |  |  |  |
| Level of Protection:  | High                        | Estimated Ben<br>(losses avoide  |                    | Immeasurable               |  |  |  |
| Useful Life:  | 5 years                     | Goal(s) Met:   |                    | 1                          |  |  |  |
| Estimated Cost:   | \$60,000                    | Mitigation Action Type:  |                    | Planning                   |  |  |  |
|   | Plan for I                  | mplementation  |                    |                            |  |  |  |
| Prioritization:   | High                        | Desired Timeframe for<br>Implementation:   |                    | 2 years                    |  |  |  |
| Est. Time Required for<br>Project<br>Implementation:  | 2 years                     | Potential Func<br>Sources:   | ling               | EMPG                       |  |  |  |
| Responsible<br>Organization:  | Androscoggin County<br>EMA  | Local Planning Mechanisms<br>to be Used in<br>Implementation:  |                    | Hazard Mitigation planning |  |  |  |
|   | Three Alternatives Con      | sidered (includi   | ng No Action)      |                            |  |  |  |
|   | Action                      | Estimated  | l Cost             | Evaluation                 |  |  |  |
|   | No action                   | Ş  | 60                 | Issue remains              |  |  |  |
| Alternatives:   | Hire a contractor           | \$100  | 0,000              | Cost prohibitive           |  |  |  |
|   | Reactive planning           | Immeasu  | irable             | Cost prohibitive           |  |  |  |

| Project Prioritization Worksheet: - Prioritization |  |                         |      |  |  |  |
|--|--|-------------------------|------|--|--|--|
| Project Name:                                      | All Hazards Risk Assessment  |                         |      |  |  |  |
| Project Number:                                    | 2024-ACEMA-01  |                         |      |  |  |  |
| Criteria   | Numeric Rank<br>(-1, 0, 1) Provide brief rationale for numeric rank when appropr |                         |      |  |  |  |
| Life Safety  | 0  |                         |      |  |  |  |
| Property Protection                                | 1  |                         |      |  |  |  |
| Cost-Effectiveness                                 | 1  |                         |      |  |  |  |
| Technical  | 1  |                         |      |  |  |  |
| Political  | 0  |                         |      |  |  |  |
| Legal  | 1  |                         |      |  |  |  |
| Fiscal   | 1  |                         |      |  |  |  |
| Environmental                                      | 1  |                         |      |  |  |  |
| Social   | 1  |                         |      |  |  |  |
| Administrative                                     | 1  |                         |      |  |  |  |
| Multi-Hazard                                       | 1  |                         |      |  |  |  |
| Timeline   | 1  |                         |      |  |  |  |
| Agency Champion                                    | 1  |                         |      |  |  |  |
| Community<br>Objectives                            | 1  |                         |      |  |  |  |
| Total  | 12   | Priority (High/Med/Low) | High |  |  |  |

| Project Worksheet: -                                 | Project Development                                     |   |                    |                         |         |  |  |
|--|---|---|--------------------|-------------------------|---------|--|--|
| Project Name:  | Continuity Planning                                     | Continuity Planning   |                    |                         |         |  |  |
| Project Number:                                      | 2024-ACEMA-02   |   |                    |                         |         |  |  |
|  | Risk /  | Vulnerability   |                    |                         |         |  |  |
| Hazard(s) of Concern:                                | All Hazards include those                               | which were ider   | ntified in this Ha | zard Mitigatio          | on Plan |  |  |
| Description of<br>the Problem:                       |   | Impacts from hazards results in loss of power, critical infrastructures lack back up power generation causing a disruption to services. |                    |                         |         |  |  |
|  | Action or Project Int                                   | tended for Impler   | nentation          |                         |         |  |  |
| Description of<br>the Solution:                      | Assist local governments and measures and secure fundin |   |                    |                         |         |  |  |
| Is this project related to                           | a Critical Facility?                                    | Yes   | Х                  | No                      |         |  |  |
| Level of Protection:                                 | High  | Estimated Ben<br>(losses avoide   |                    | Immea                   | surable |  |  |
| Useful Life:   | 20 years  | Goal(s) Met:  |                    | 2, 5                    |         |  |  |
| Estimated Cost:                                      | \$100,000   | Mitigation Action Type:   |                    | Planning/infrastructure |         |  |  |
|  | Plan for I  | mplementation   |                    | 1                       |         |  |  |
| Prioritization:                                      | High  | Desired Timef<br>Implementatio  |                    | 2                       | years   |  |  |
| Est. Time Required for<br>Project<br>Implementation: | 2 years   | Potential Func<br>Sources:  | ling               | BRIC, EMPG, HMA         |         |  |  |
| Responsible<br>Organization:                         | Androscoggin County<br>EMA                              | Local Planning<br>to be Used in<br>Implementation   |                    | Hazard Mitigation       |         |  |  |
|  | Three Alternatives Con                                  | sidered (includi  | ng No Action)      |                         |         |  |  |
|  | Action  | Estimated   | l Cost             | Evalu                   | ation   |  |  |
|  | No action   | \$0   |                    | Issue remair            | ıs      |  |  |
| Alternatives:  | Hire a contractor                                       | \$100,  | ,000               | Cost prohibi            | tive    |  |  |
|  | Reactive planning                                       | Immeasura   | able               | Cost prohib             | itive   |  |  |

| Project Prioritization Wo | orksheet: - Prior          | itization                               |                     |  |  |  |
|---------------------------|----------------------------|---|---------------------|--|--|--|
| Project Name:             | Continuity Planni          | Continuity Planning                     |                     |  |  |  |
| Project Number:           | 2024-ACEMA-02              |   |                     |  |  |  |
| Criteria                  | Numeric Rank<br>(-1, 0, 1) | Provide brief rationale for numeric rar | nk when appropriate |  |  |  |
| Life Safety               | 1                          |   |                     |  |  |  |
| Property Protection       | 1                          |   |                     |  |  |  |
| Cost-Effectiveness        | 1                          |   |                     |  |  |  |
| Technical                 | 1                          |   |                     |  |  |  |
| Political                 | 1                          |   |                     |  |  |  |
| Legal                     | 1                          |   |                     |  |  |  |
| Fiscal                    | 1                          |   |                     |  |  |  |
| Environmental             | 1                          |   |                     |  |  |  |
| Social                    | 1                          |   |                     |  |  |  |
| Administrative            | 1                          |   |                     |  |  |  |
| Multi-Hazard              | 1                          |   |                     |  |  |  |
| Timeline                  | 1                          |   |                     |  |  |  |
| Agency Champion           | 1                          |   |                     |  |  |  |
| Community<br>Objectives   | 1                          |   |                     |  |  |  |
| Total                     | 13                         | Priority (High/Med/Low)                 | High                |  |  |  |

| Project Worksheet: -                                 | Project Development  |  |                    |                |            |
|--|--|--|--------------------|----------------|------------|
| Project Name:  | GIS Vulnerability Analysis   |  |                    |                |            |
| Project Number:                                      | 2024 ACEMA 03  |  |                    |                |            |
|  | Risk /   | Vulnerability                                    |                    |                |            |
| Hazard(s) of Concern:                                | All Hazards include those  | which were ider                                  | ntified in this Ha | zard Mitigatio | on Plan,   |
| Description of<br>the Problem:                       | Androscoggin County lack<br>infrastructure facilities and                              |  |                    | database of o  | critical   |
|  | Action or Project Int  | ended for Implen                                 | nentation          |                |            |
| Description of<br>the Solution:                      | ACEMA will develop a con<br>critical infrastructure in ha<br>Androscoggin County utili | azard prone area                                 |                    |                |            |
| Is this project related to                           | a Critical Facility?   | Yes  | Х                  | No             |            |
| Level of Protection:                                 | High   | Estimated Ben<br>(losses avoided                 |                    | Immeasurable   |            |
| Useful Life:   | 5 years  | Goal(s) Met:                                     |                    | 1, 3           |            |
| Estimated Cost:                                      | \$40,000   | Mitigation Action Type:                          |                    | Planning       |            |
|  | Plan for I   | mplementation                                    |                    | L              |            |
| Prioritization:                                      | High   | Desired Timeframe for<br>Implementation:         |                    | 1 year         |            |
| Est. Time Required for<br>Project<br>Implementation: | 1 year   | Potential Funding<br>Sources:                    |                    | EMPG           |            |
| Responsible<br>Organization:                         | Androscoggin County<br>EMA   | Local Planning<br>to be Used in<br>Implementatic |                    | Hazard M       | itigation  |
|  | Three Alternatives Con   | sidered (includi                                 | ng No Action)      |                |            |
|  | Action   | Estimated  | Cost               | Evalu          | ation      |
|  | No action  | \$0  |                    | Issue remains  |            |
| Alternatives:  | Hire a contractor  | \$100  | ),000              | Cost pro       | hibitive   |
|  | Reactive planning  | Immeasu  | ırable             | Cost p         | rohibitive |

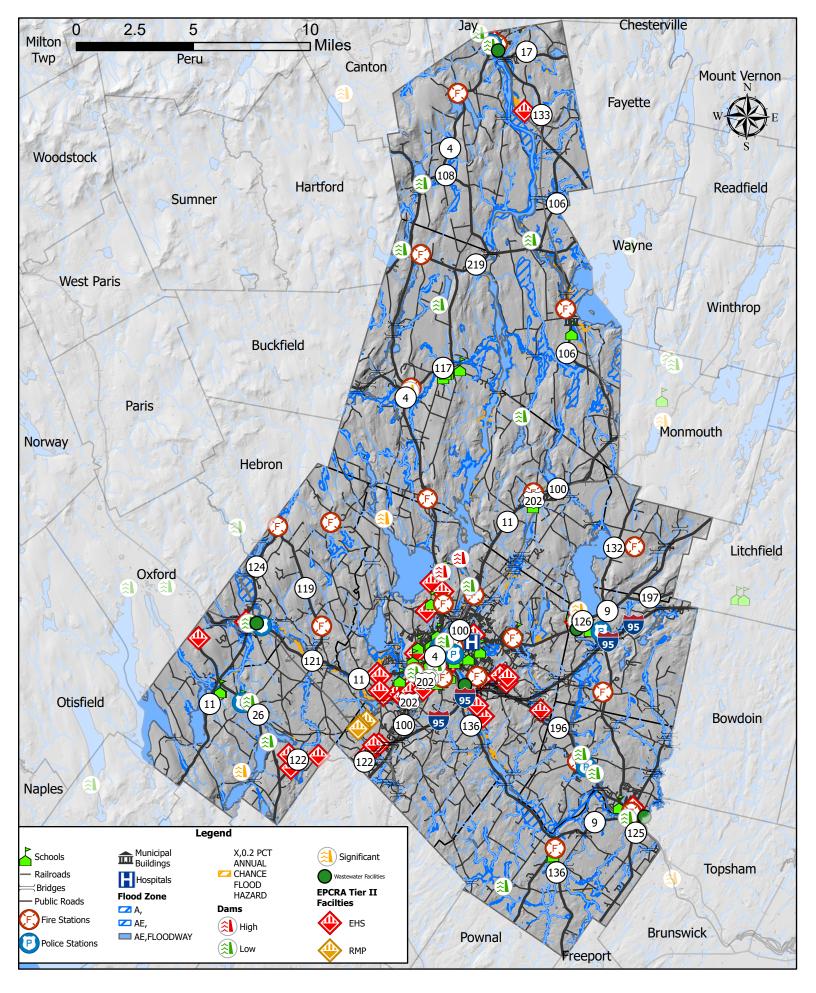
| Project Prioritization Worksheet: - Prioritization |  |                         |      |  |  |  |
|--|--|-------------------------|------|--|--|--|
| Project Name:                                      | GIS Vulnerability Analysis   |                         |      |  |  |  |
| Project Number:                                    | 2024 ACEMA 03  |                         |      |  |  |  |
| Criteria   | Numeric Rank<br>(-1, 0, 1) Provide brief rationale for numeric rank when appro |                         |      |  |  |  |
| Life Safety  | 0  |                         |      |  |  |  |
| Property Protection                                | 1  |                         |      |  |  |  |
| Cost-Effectiveness                                 | 1  |                         |      |  |  |  |
| Technical  | 1  |                         |      |  |  |  |
| Political  | 0  |                         |      |  |  |  |
| Legal  | 1  |                         |      |  |  |  |
| Fiscal   | 1  |                         |      |  |  |  |
| Environmental                                      | 1  |                         |      |  |  |  |
| Social   | 1  |                         |      |  |  |  |
| Administrative                                     | 1  |                         |      |  |  |  |
| Multi-Hazard                                       | 1  |                         |      |  |  |  |
| Timeline   | 1  |                         |      |  |  |  |
| Agency Champion                                    | 1  |                         |      |  |  |  |
| Community<br>Objectives                            | 1  |                         | -    |  |  |  |
| Total  | 12   | Priority (High/Med/Low) | High |  |  |  |

| Project Worksheet: - I  | Project Development           |   |                    |                |           |  |  |  |
|---|-------------------------------|---|--------------------|----------------|-----------|--|--|--|
| Project Name:   | Outreach and Public Education |   |                    |                |           |  |  |  |
| Project Number:   | 2024-ACEMA-04                 |   |                    |                |           |  |  |  |
|   | Risk /                        | Vulnerability   |                    |                |           |  |  |  |
| Hazard(s) of Concern:   | All Hazards include those     | which were ider   | ntified in this Ha | zard Mitigatio | n Plan    |  |  |  |
| Description of<br>the Problem:  | change and associated im      | Limited knowledge with regards to hazard mitigation, funding opportunities, climate change and associated impacts from identified hazards to vulnerabilities in Androscoggin County for the public, jurisdictions, and stakeholder. |                    |                |           |  |  |  |
|   | Action or Project Int         | tended for Impler   | mentation          |                |           |  |  |  |
| Description of<br>the Solution:<br>ACEMA will strengthen understanding of hazard mitigation, funding opportunities,<br>climate change and associated impacts from identified hazards to vulnerabilities<br>through workshops, seminars, trainings, and webinars by collaborating with<br>subject matter experts, at local, regional, state, and federal levels. |                               |   |                    |                |           |  |  |  |
| Is this project related to  | a Critical Facility?          | Yes   |                    | No             | Х         |  |  |  |
| Level of Protection:  | High                          | Estimated Ben<br>(losses avoide   |                    | Immeas         | urable    |  |  |  |
| Useful Life:  | 5 years                       | Goal(s) Met: 1  |                    |                | 1         |  |  |  |
| Estimated Cost:   | \$20,000                      | Mitigation Act  | ion Type:          | Planr          | Planning  |  |  |  |
|   | Plan for I                    | mplementation   |                    |                |           |  |  |  |
| Prioritization:   | High                          | Desired Timeframe for 1 year  |                    | rear           |           |  |  |  |
| Est. Time Required for<br>Project<br>Implementation:  | 1 year                        | Potential Func<br>Sources:  | ling               | EMPC           | 6         |  |  |  |
| Responsible<br>Organization:  | Androscoggin County<br>EMA    | Local Planning Mechanisms<br>to be Used in Hazard Mitigation<br>Implementation:   |                    |                | tigation  |  |  |  |
|   | Three Alternatives Con        | sidered (includi  | ng No Action)      |                |           |  |  |  |
|   | Action                        | Estimated   | l Cost             | Evalua         | tion      |  |  |  |
|   | No action                     | \$0   |                    | lssue r        | emains    |  |  |  |
| Alternatives:   | Hire a contractor             | \$100   | 0,000              | Cost proh      | ibitive   |  |  |  |
|   | Reactive planning             | Immeasu   | irable             | Cost pro       | ohibitive |  |  |  |

| Project Prioritization Worksheet: - Prioritization |                               |   |      |  |  |  |  |
|--|-------------------------------|---|------|--|--|--|--|
| Project Name:                                      | Outreach and Public Education |   |      |  |  |  |  |
| Project Number:                                    | 2024-ACEMA-04                 |   |      |  |  |  |  |
| Criteria   | Numeric Rank<br>(-1, 0, 1)    | Provide brief rationale for numeric rank when appropriate |      |  |  |  |  |
| Life Safety  | 0                             |   |      |  |  |  |  |
| Property Protection                                | 1                             |   |      |  |  |  |  |
| Cost-Effectiveness                                 | 1                             |   |      |  |  |  |  |
| Technical  | 1                             |   |      |  |  |  |  |
| Political  | 0                             |   |      |  |  |  |  |
| Legal  | 1                             |   |      |  |  |  |  |
| Fiscal   | 1                             |   |      |  |  |  |  |
| Environmental                                      | 1                             |   |      |  |  |  |  |
| Social   | 1                             |   |      |  |  |  |  |
| Administrative                                     | 1                             |   |      |  |  |  |  |
| Multi-Hazard                                       | 1                             |   |      |  |  |  |  |
| Timeline   | 1                             |   |      |  |  |  |  |
| Agency Champion                                    | 1                             |   |      |  |  |  |  |
| Community<br>Objectives                            | 1                             |   | -    |  |  |  |  |
| Total  | 12                            | Priority (High/Med/Low)                                   | High |  |  |  |  |

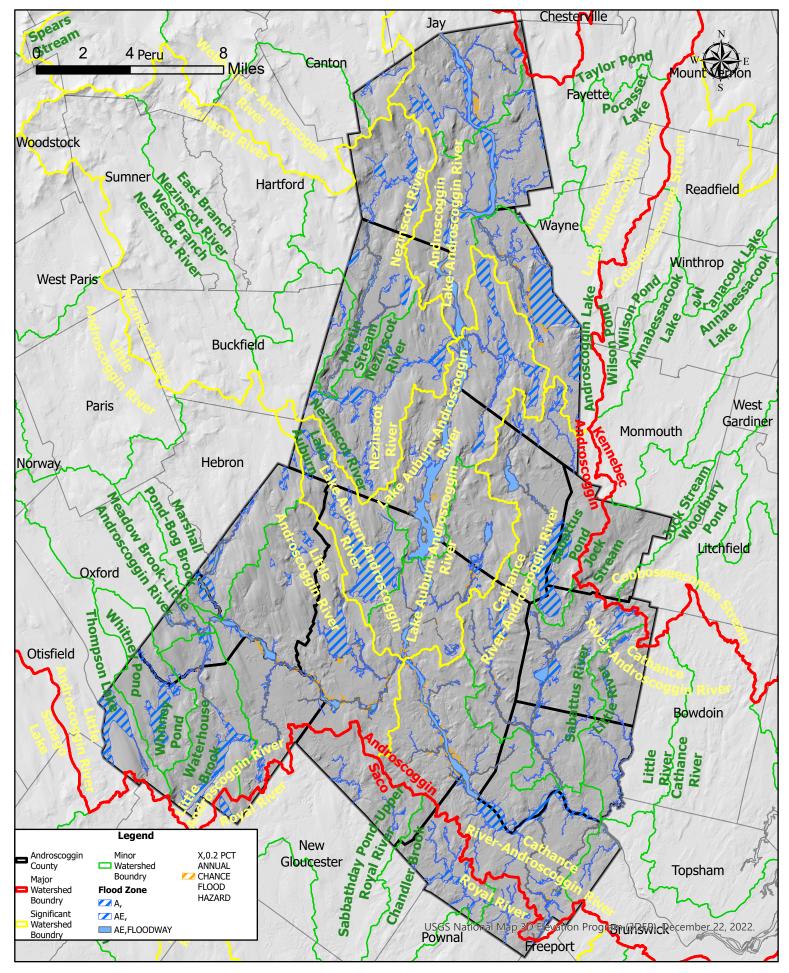
| Project Worksheet: - I                               | Project Development  |   |                    |                   |         |  |  |  |
|--|--|---|--------------------|-------------------|---------|--|--|--|
| Project Name:  | Economic Resiliency Planr  | iing  |                    |                   |         |  |  |  |
| Project Number:                                      | 2024-ACEMA-05  |   |                    |                   |         |  |  |  |
| Risk / Vulnerability                                 |  |   |                    |                   |         |  |  |  |
| Hazard(s) of Concern:                                | All Hazards include those  | which were ider   | itified in this Ha | zard Mitigatio    | on Plan |  |  |  |
| Description of<br>the Problem:                       | Impacts from hazards results in loss of power, potential physical damage to roadway<br>and buildings, stakeholders lack planning capabilities to address participation in<br>programs that would enhance resiliency and recovery.      |   |                    |                   |         |  |  |  |
| Action or Project Intended for Implementation        |  |   |                    |                   |         |  |  |  |
| Description of<br>the Solution:                      | Assist with economic development and comprehensive planning, risk-informed<br>zoning ordinances, building code modeling education and increase Community<br>Rating System participation to enhance economic resilience and mitigation. |   |                    |                   |         |  |  |  |
| Is this project related to                           | a Critical Facility?   | Yes   | х                  | No                |         |  |  |  |
| Level of Protection:                                 | High   | Estimated Benefits<br>(losses avoided):                       |                    | Immea             | surable |  |  |  |
| Useful Life:   | 10 years   | Goal(s) Met:  |                    | 1,                | 2, 5    |  |  |  |
| Estimated Cost:                                      | \$60,000   | Mitigation Action Type:                                       |                    | Planning          |         |  |  |  |
| Plan for Implementation                              |  |   |                    |                   |         |  |  |  |
| Prioritization:                                      | High   | Desired Timeframe for<br>Implementation:                      |                    | 2 years           |         |  |  |  |
| Est. Time Required for<br>Project<br>Implementation: | 2 years  | Potential Funding<br>Sources:                                 |                    | EMPG, BRIC, FMA   |         |  |  |  |
| Responsible<br>Organization:                         | Androscoggin County<br>EMA   | Local Planning Mechanisms<br>to be Used in<br>Implementation: |                    | Hazard mitigation |         |  |  |  |
|  | Three Alternatives Con   | sidered (includi  | ng No Action)      |                   |         |  |  |  |
|  | Action   | Estimated Cost  |                    | Evaluation        |         |  |  |  |
| Alternatives:  | No action  | \$0   |                    | Issue remains     |         |  |  |  |
|  | Hire a contractor  | \$100,000   |                    | Cost prohibitive  |         |  |  |  |
|  | Reactive planning  | Immeasurable  |                    | Cost prohibitive  |         |  |  |  |

| Project Prioritization Worksheet: - Prioritization |                              |   |      |  |  |  |  |
|--|------------------------------|---|------|--|--|--|--|
| Project Name:                                      | Economic Resiliency Planning |   |      |  |  |  |  |
| Project Number:                                    | 2024-ACEMA-05                |   |      |  |  |  |  |
| Criteria   | Numeric Rank<br>(-1, 0, 1)   | Provide brief rationale for numeric rank when appropriate |      |  |  |  |  |
| Life Safety  | 1                            |   |      |  |  |  |  |
| Property Protection                                | 1                            |   |      |  |  |  |  |
| Cost-Effectiveness                                 | 1                            |   |      |  |  |  |  |
| Technical  | 1                            |   |      |  |  |  |  |
| Political  | 1                            |   |      |  |  |  |  |
| Legal  | 1                            |   |      |  |  |  |  |
| Fiscal   | 1                            |   |      |  |  |  |  |
| Environmental                                      | 1                            |   |      |  |  |  |  |
| Social   | 1                            |   |      |  |  |  |  |
| Administrative                                     | 1                            |   |      |  |  |  |  |
| Multi-Hazard                                       | 1                            |   |      |  |  |  |  |
| Timeline   | 1                            |   |      |  |  |  |  |
| Agency Champion                                    | 1                            |   |      |  |  |  |  |
| Community<br>Objectives                            | 1                            |   |      |  |  |  |  |
| Total  | 13                           | Priority (High/Med/Low)                                   | High |  |  |  |  |



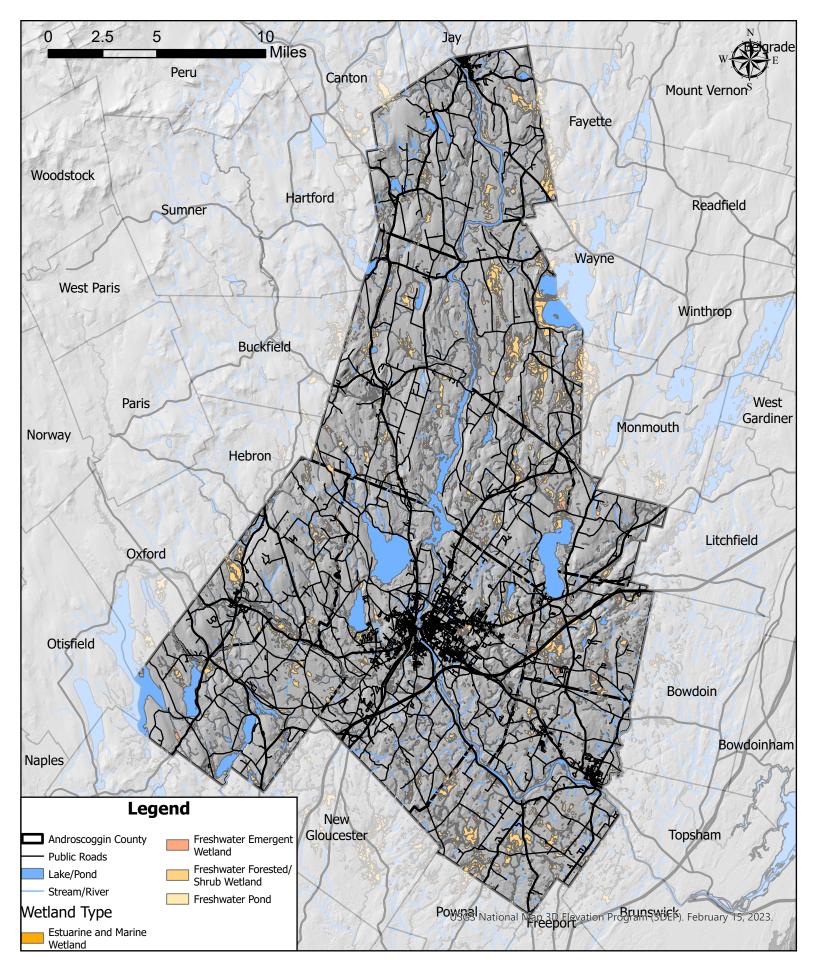
#### Floodplain Map Androscoggin County Hazard Mitigation Plan 2024

Data Sources: U.S. Geological Survey, FEMA, Homeland Infrastructure Foundation Level Database, Maine Office of GIS



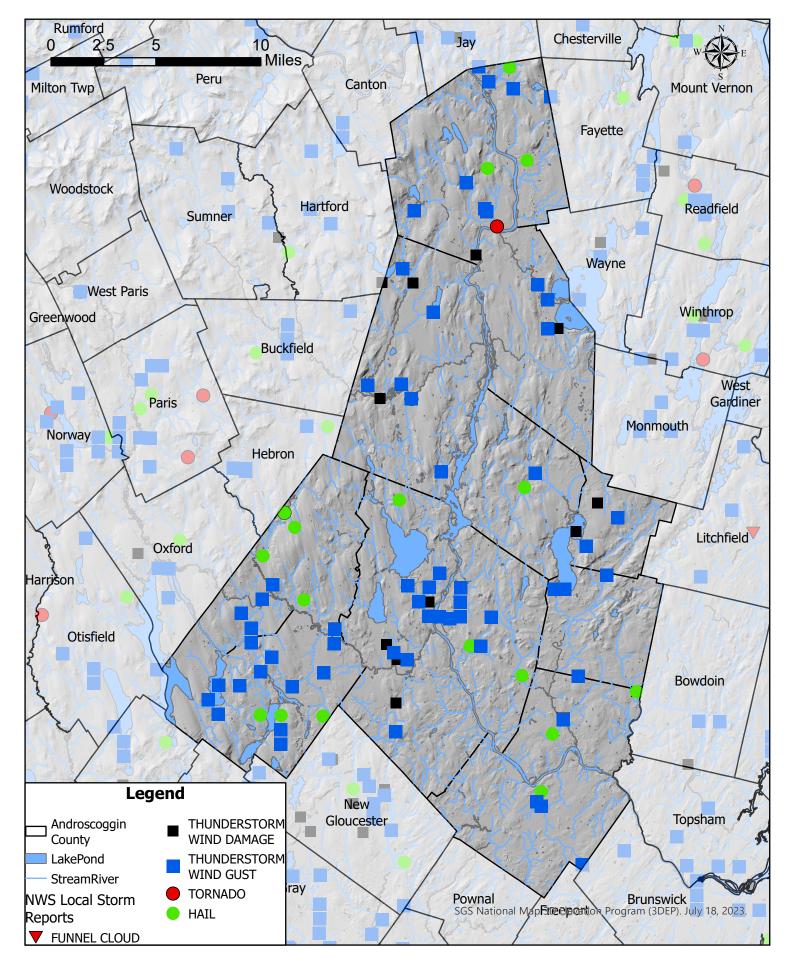
Androscoggin County Hazard Mitigation Plan 2024 Watershed Map

Sources: FEMA National Flood Hazard Layer (NFHL), Maine Office of GIS

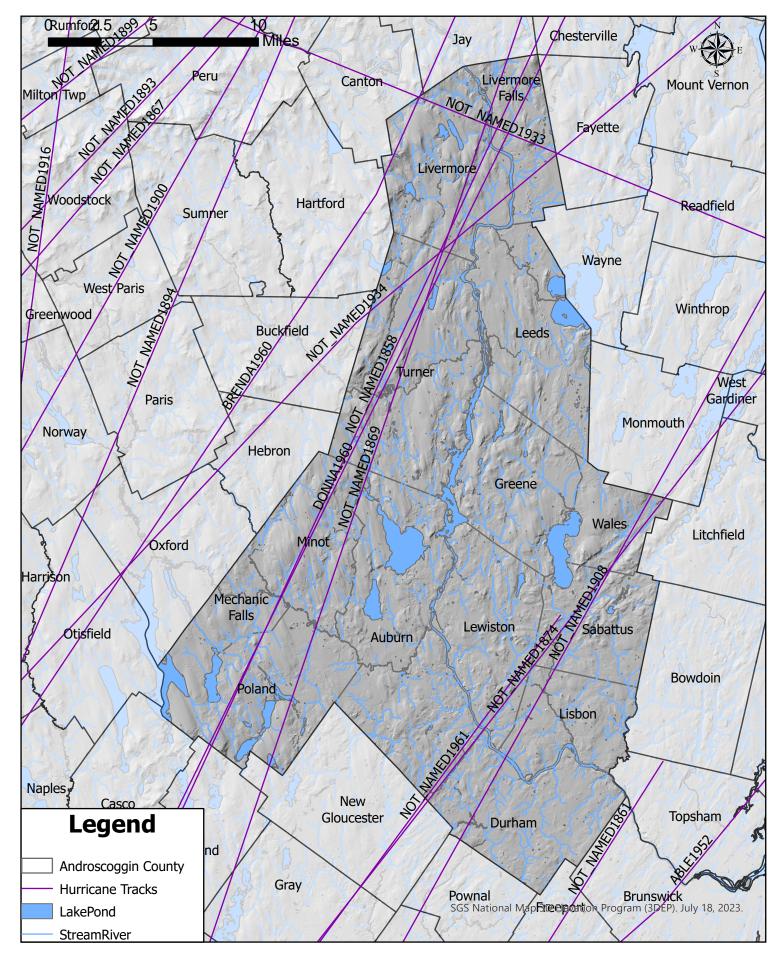


Androscoggin County Hazard Mitigation Plan 2024 Wetland Areas

Data Sources: Maine Office of GIS, US Fish and Wildlife Service, US Geological Survey

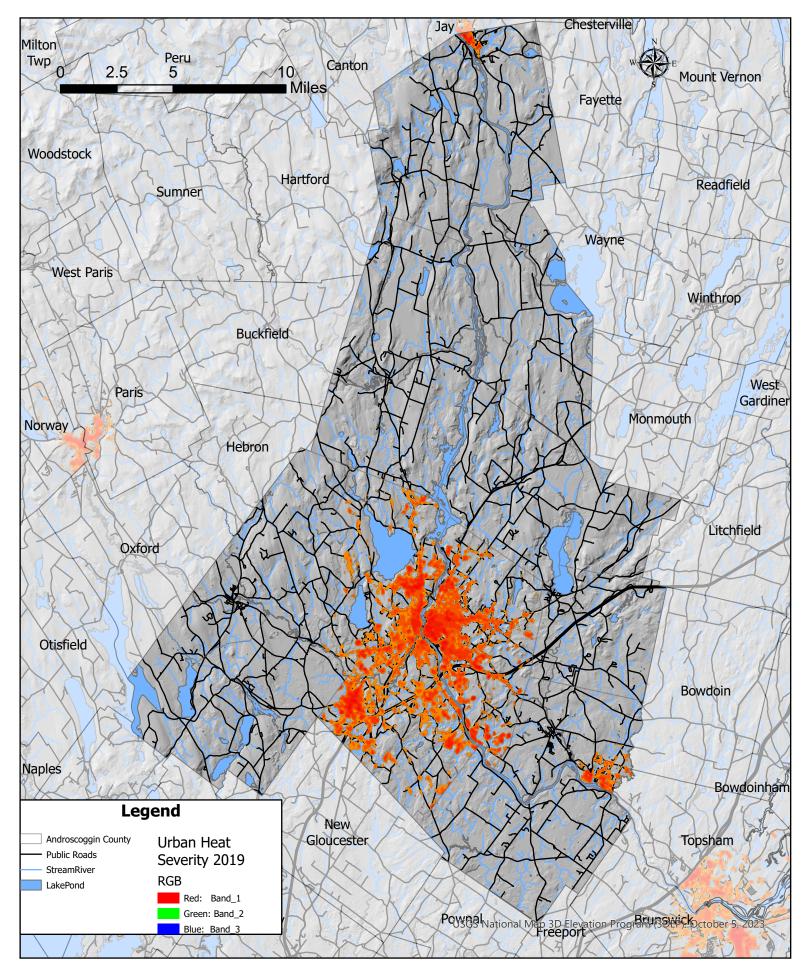


Androscoggin County Natural Hazard Mitigation Plan 2024 Severe Summer Weather Events 1950-2021 Data Sources: FEMA, Homeland Infrastructure Foundation Level Database, Maine Office of GIS, National Oceanic & Atmospheric Administration

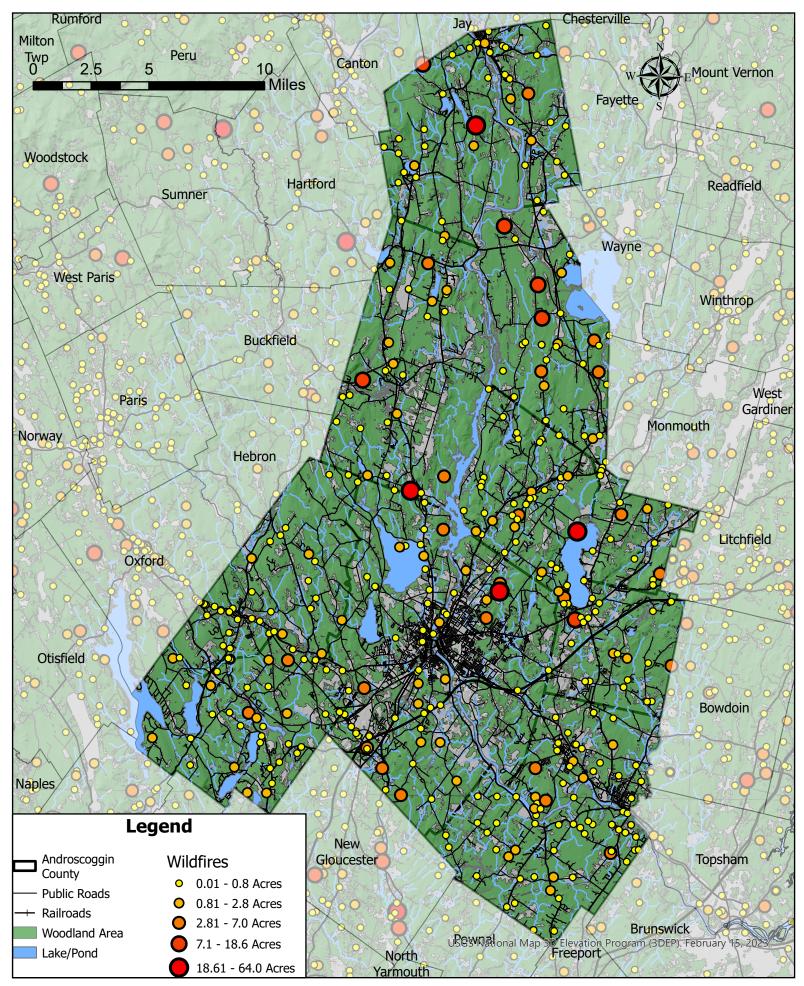


Androscoggin County Natural Hazard Mitigation Plan 2024 Hurricane Tracks 1842-2022

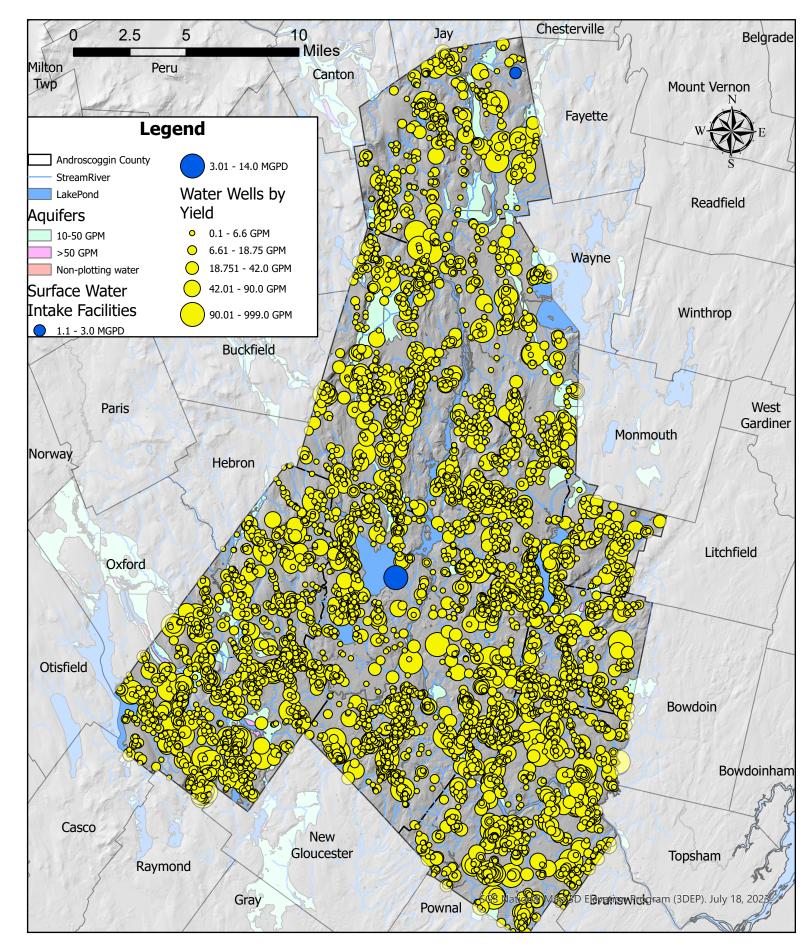
Data Sources: FEMA, Homeland Infrastructure Foundation Level Database, Maine Office of GIS, National Oceanic & Atmospheric Administration



Androscoggin County Natural Hazard Mitigation Plan 2024 Update Urban Heat Severity Map Sources: FEMA National Flood Hazard Layer, Homeland Infrastructure Foundation Level Database (HIFLD), Maine Office of GIS, The Trust for Public Land

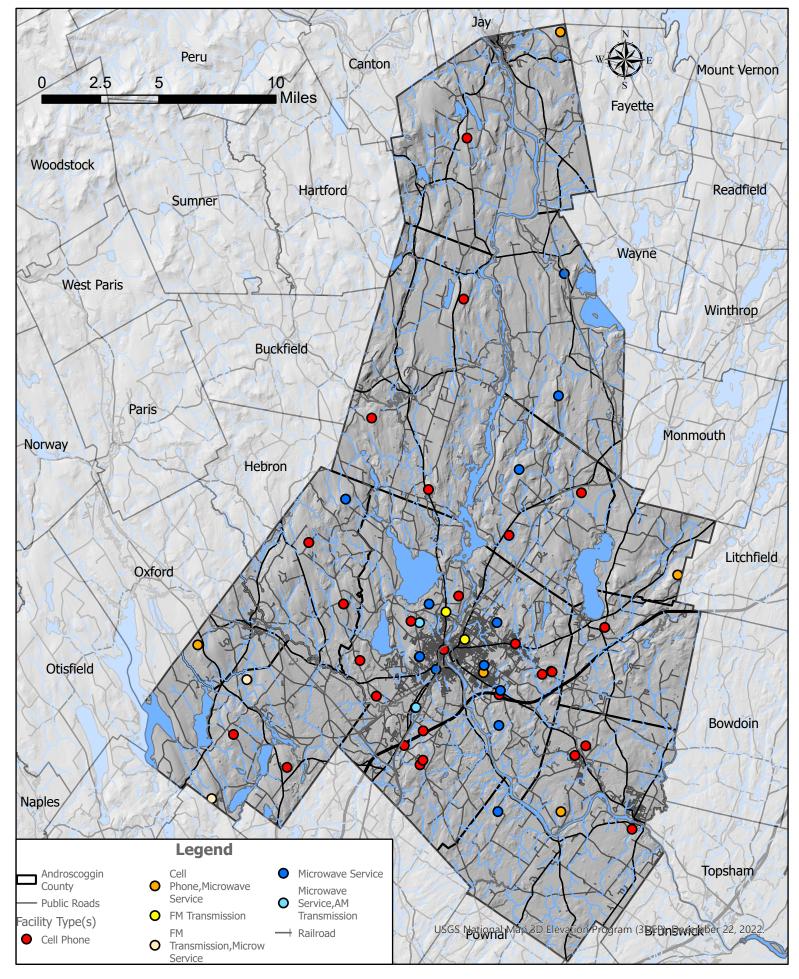


Androscoggin County Hazard Mitigation Plan 2024 Wildfires from 1992-2020 Data Sources: Maine Office of GIS, US Forest Service, Maine Forest Service



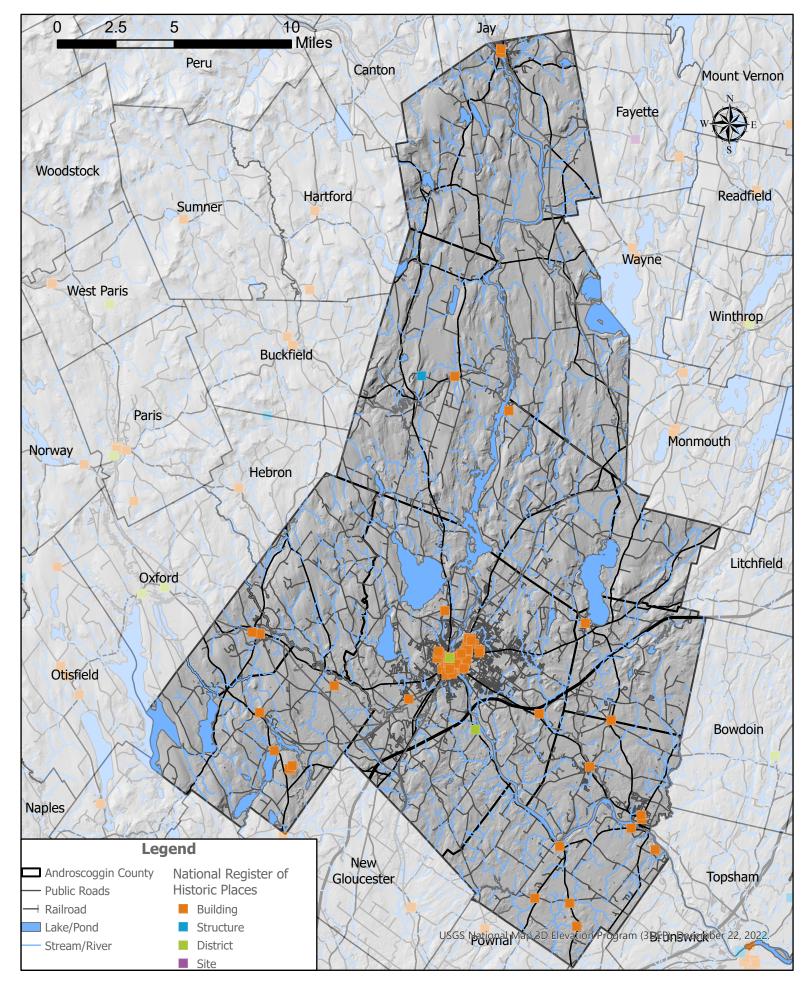
Androscoggin County Hazard Mitigation Plan 2024 Water Sources Map

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

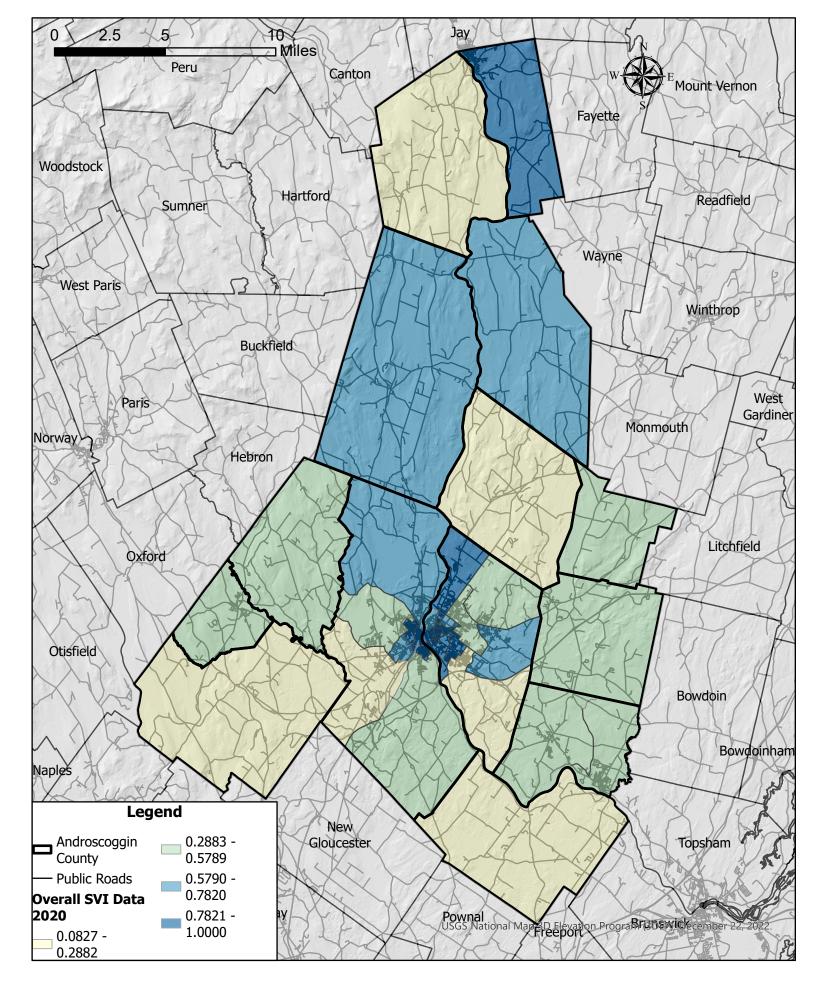


#### Communication Towers Androscoggin County Hazard Mitigation Plan

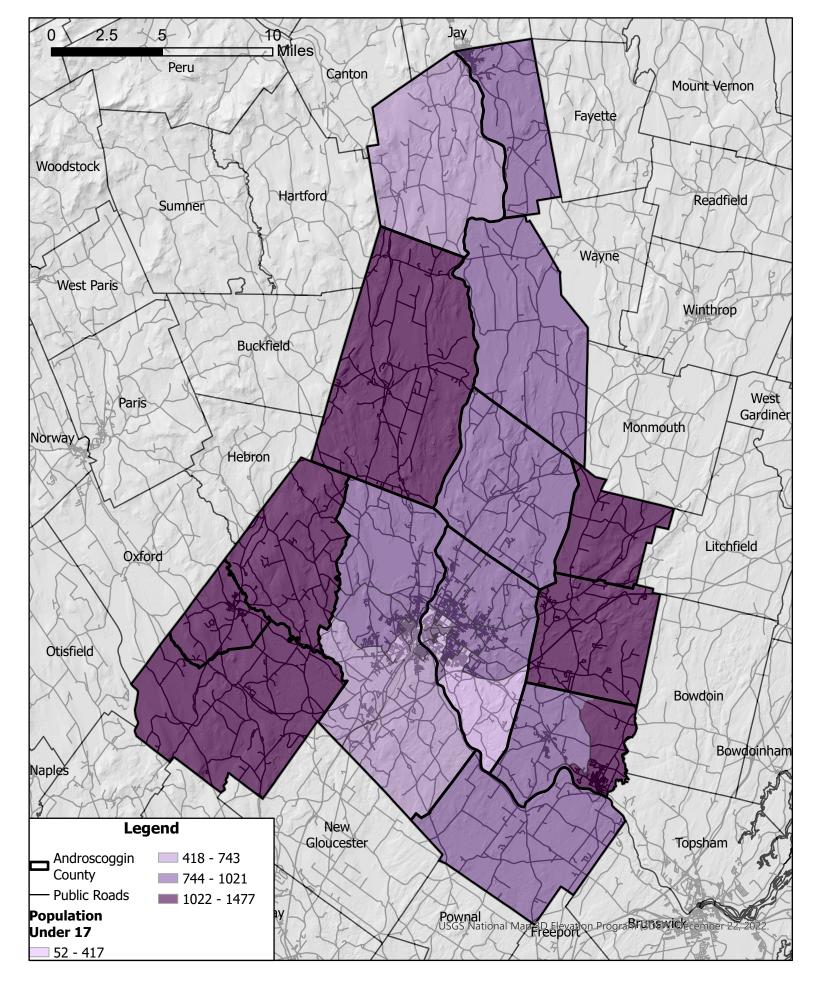
Data Sources: U.S. Geological Survey, Homeland Infrastructure Foundation Level Database, Maine Office of GIS, Androscoggin County Emergency Management Agency



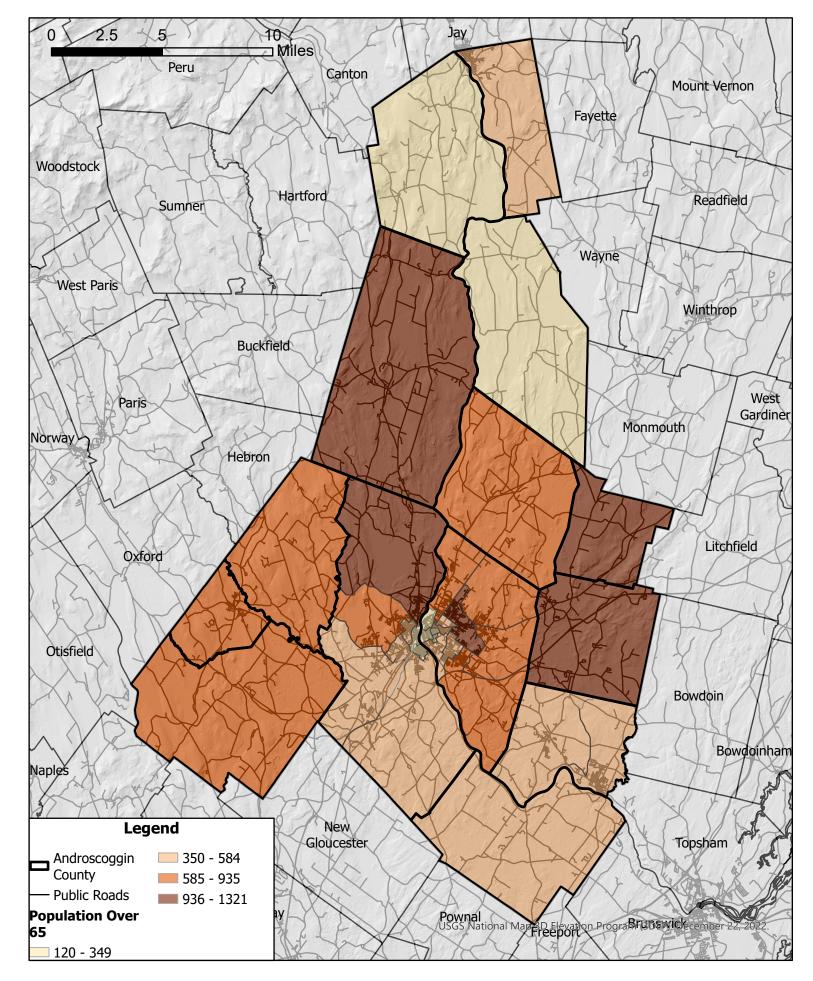
Androscoggin County Hazard Mitigation Plan 2024 Data Sources: Maine Office of GIS, US National Park Service National Register of Historic Places



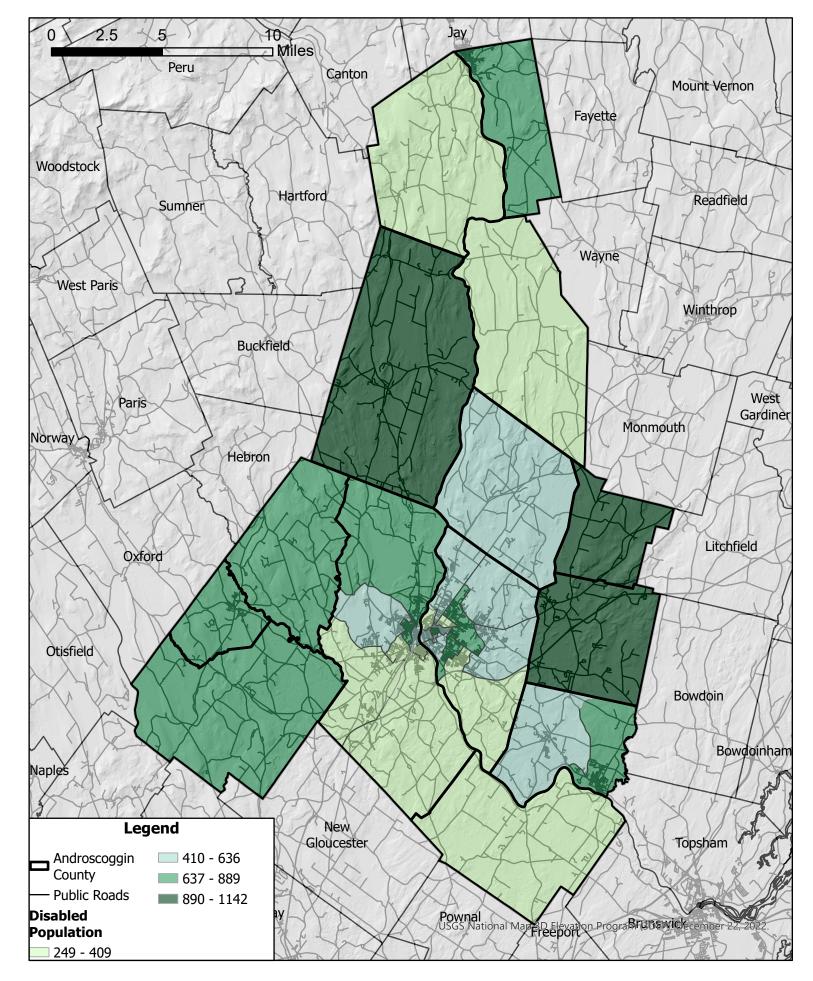
Androscoggin County Social Vulnerability Index Data 2020 By Census Tract Note: Social Vulnerability is based on 16 variables selected by the CDC, SVI values closer to 1 are considered more Socially Vulnerable



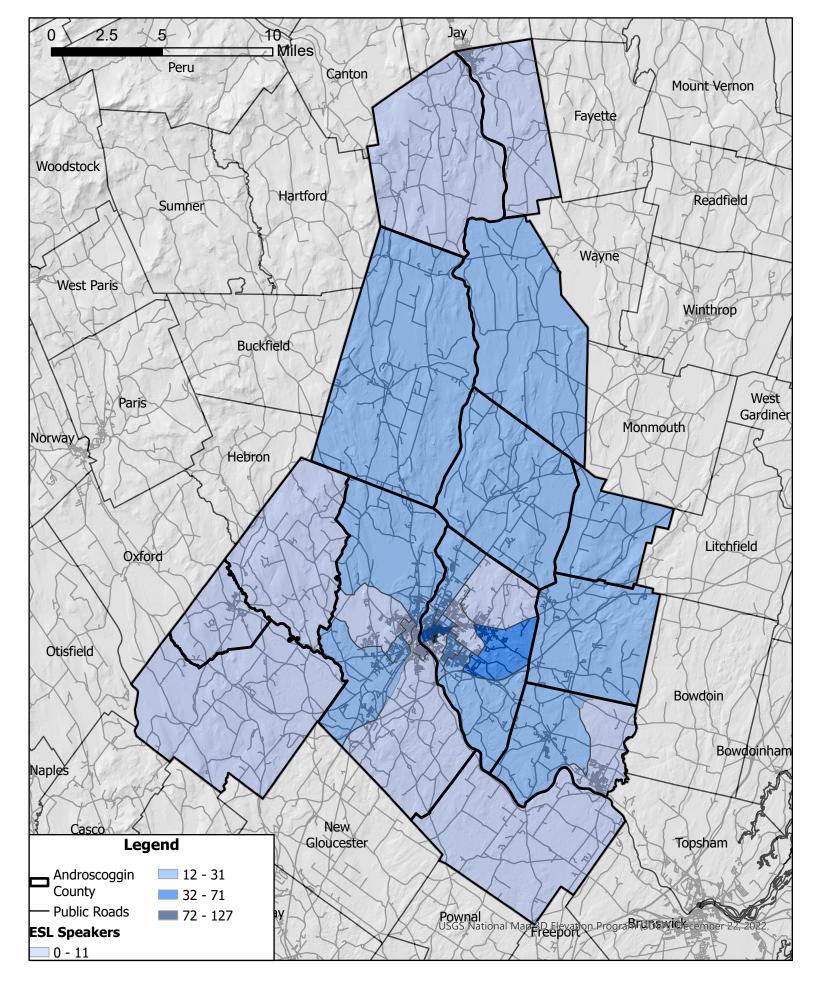
Androscoggin County Population Under 17 Years of Age By Census Tract



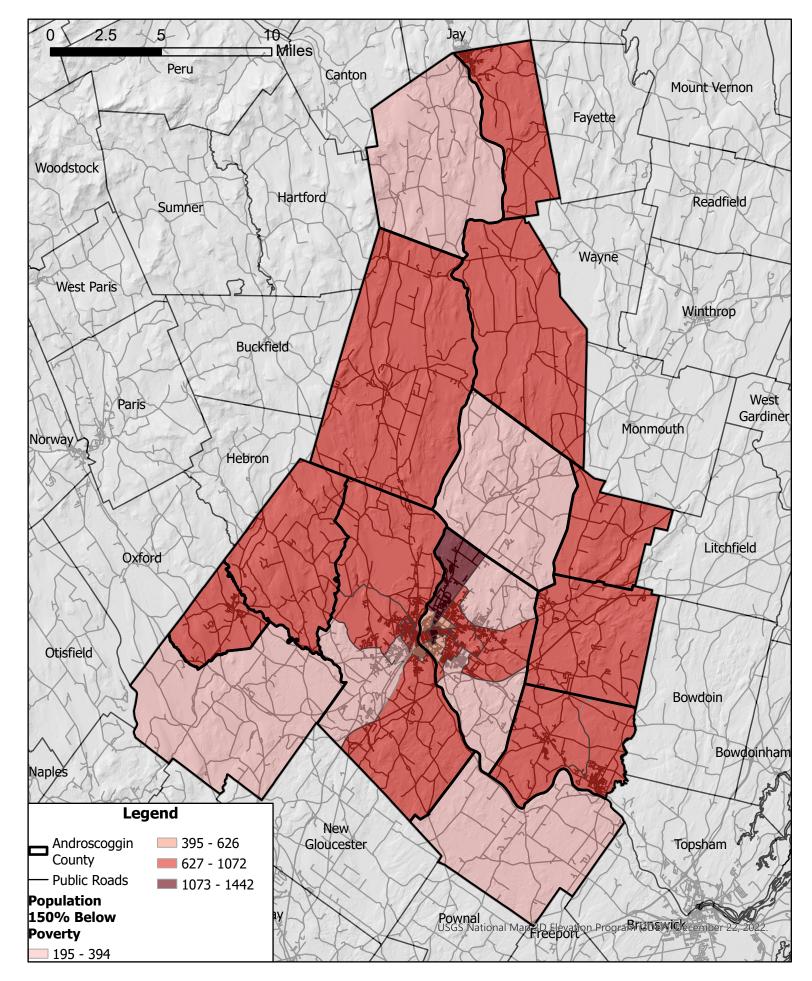
Androscoggin County Population Over 65 Years of Age By Census Tract



Androscoggin County Population with a Disability By Census Tract



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



Androscoggin County Population Below 150% Poverty Threshold By Census Tract