

## **SECTION 4: COUNTY PROFILE**

Cayuga County profile information is presented in the plan and analyzed to develop an understanding of the study area, including the economic, structural, and population assets at risk and the particular concerns that may be present related to hazards analyzed later in this plan (e.g., low lying areas prone to flooding or a high percentage of vulnerable persons in an area). This profile provides general information for Cayuga County (physical setting, population and demographics, general building stock, and land use and population trends) and critical facilities located within Cayuga County.

### **GENERAL INFORMATION**

According to the 2010 U.S. Census, the estimated Cayuga County population was 80,026. Cayuga County is one of the 62 counties in New York State and is comprised of one city, 23 towns, and nine villages. Cayuga County is bordered to the North by Lake Ontario, to the northeast by Oswego County, to the East by Onondaga County, to the South by Cortland and Tompkins Counties, and to the West by Seneca and Wayne Counties.

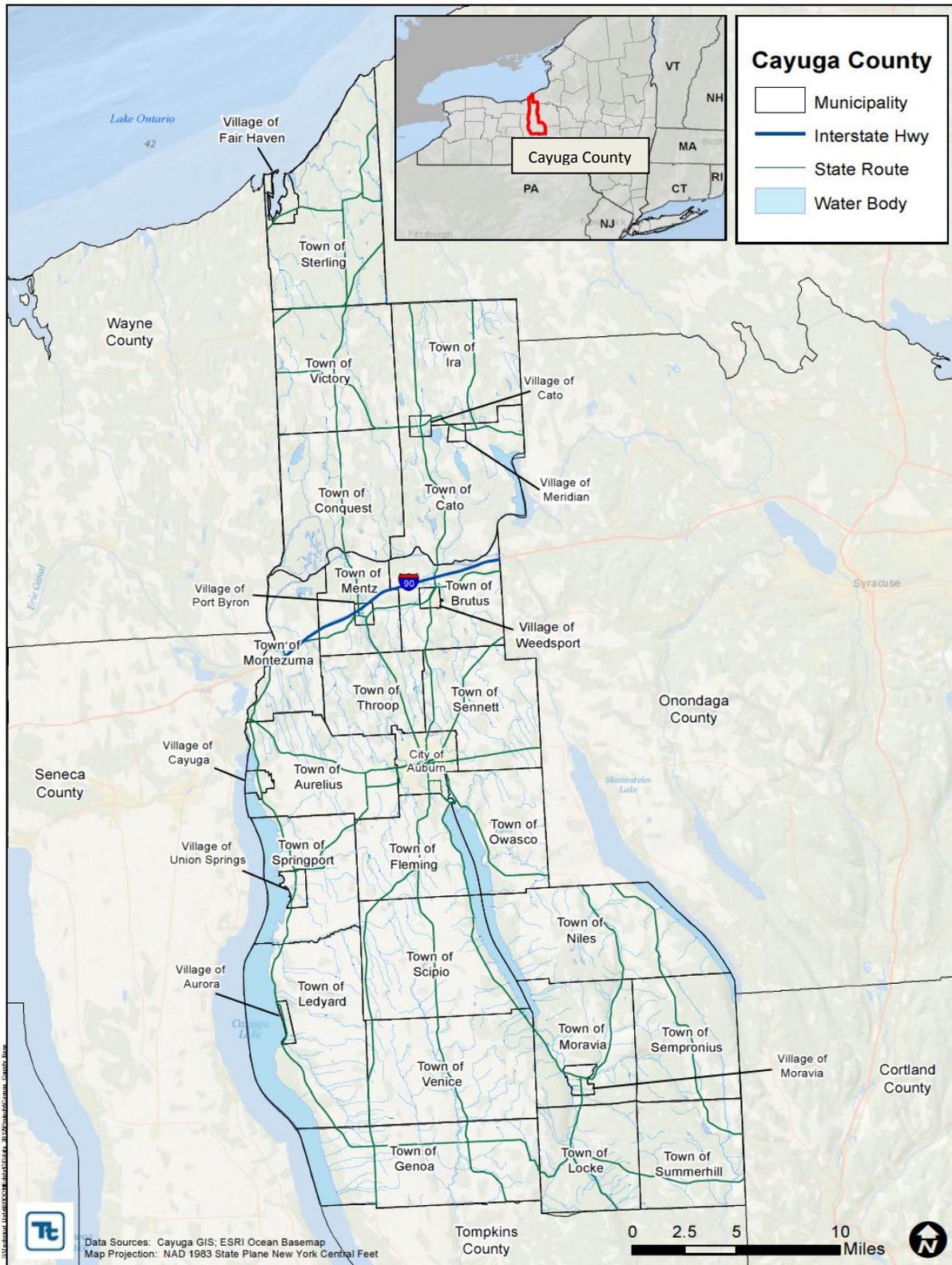
#### **Physical Setting**

This section presents the physical setting of Cayuga County, including: location, hydrography and hydrology, topography and geology, climate, and land use/land cover.

#### **Location**

Cayuga County is located in the west central part of the state, in the Finger Lakes region. Waterbodies in and around Cayuga County are its most defining characteristics, with Owasco Lake in the center of Cayuga County, Cayuga Lake forming part of the western boundary of the County, Lake Ontario on the northern border, and Skaneateles Lake and Cross Lake forming part of the eastern border. Cayuga County is made up of 33 municipalities (1 city, 23 towns, and 9 villages) and encompasses an area of approximately 734 square miles (Cayuga County, 2010). Figure 4-1 illustrates Cayuga County and its municipalities.

Figure 4-1. Cayuga County, New York

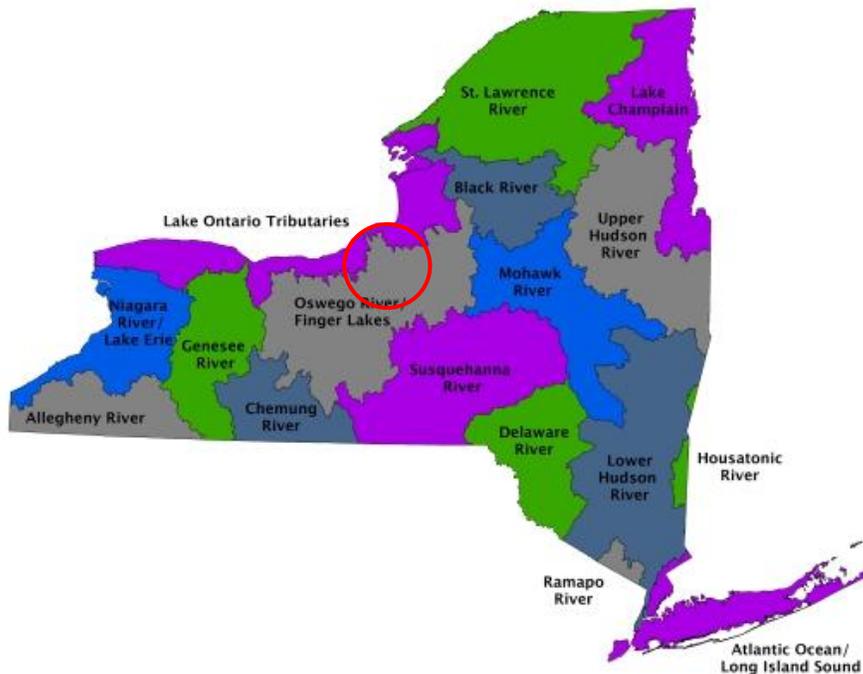


Source: Cayuga County GIS;

## Hydrography and Hydrology

Numerous ponds, lakes, creeks, and rivers make up the waterscape of Cayuga County, which lie across two major watersheds (Oswego River/Finger Lakes and Lake Ontario/Minor Tributaries) and five sub-watersheds: Chenango, Irondequoit-Ninemile, Seneca, Oswego, and Lake Ontario. Only the northernmost section of Cayuga County drains to the Lake Ontario watershed – the majority of the land area falls within the Oswego River and Finger Lakes basin. The major bodies of water and waterways at least partially within Cayuga County include three Finger Lakes, the Seneca River, Lake Ontario, the New York State Barge Canal, Cross Lake, and numerous smaller lakes, rivers and streams. Figure 4-2 depicts the 17 drainage basins found in New York State and Figure 4-3 depicts the watersheds of Cayuga County.

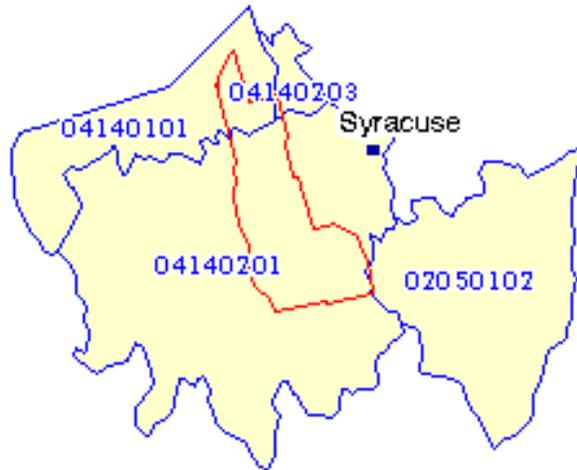
Figure 4-2. Drainage Basins of New York State



Source: NYSDEC, Date Unknown

Note: The circle indicates the approximate location of Cayuga County.

Figure 4-3. Watersheds of Cayuga County, New York



Source: USEPA, 2012

Note(s): The red outline indicates the location of Cayuga County

02050102 Chenango; state(s): NY

04140101 Irondequoit-Ninemile; state(s): NY

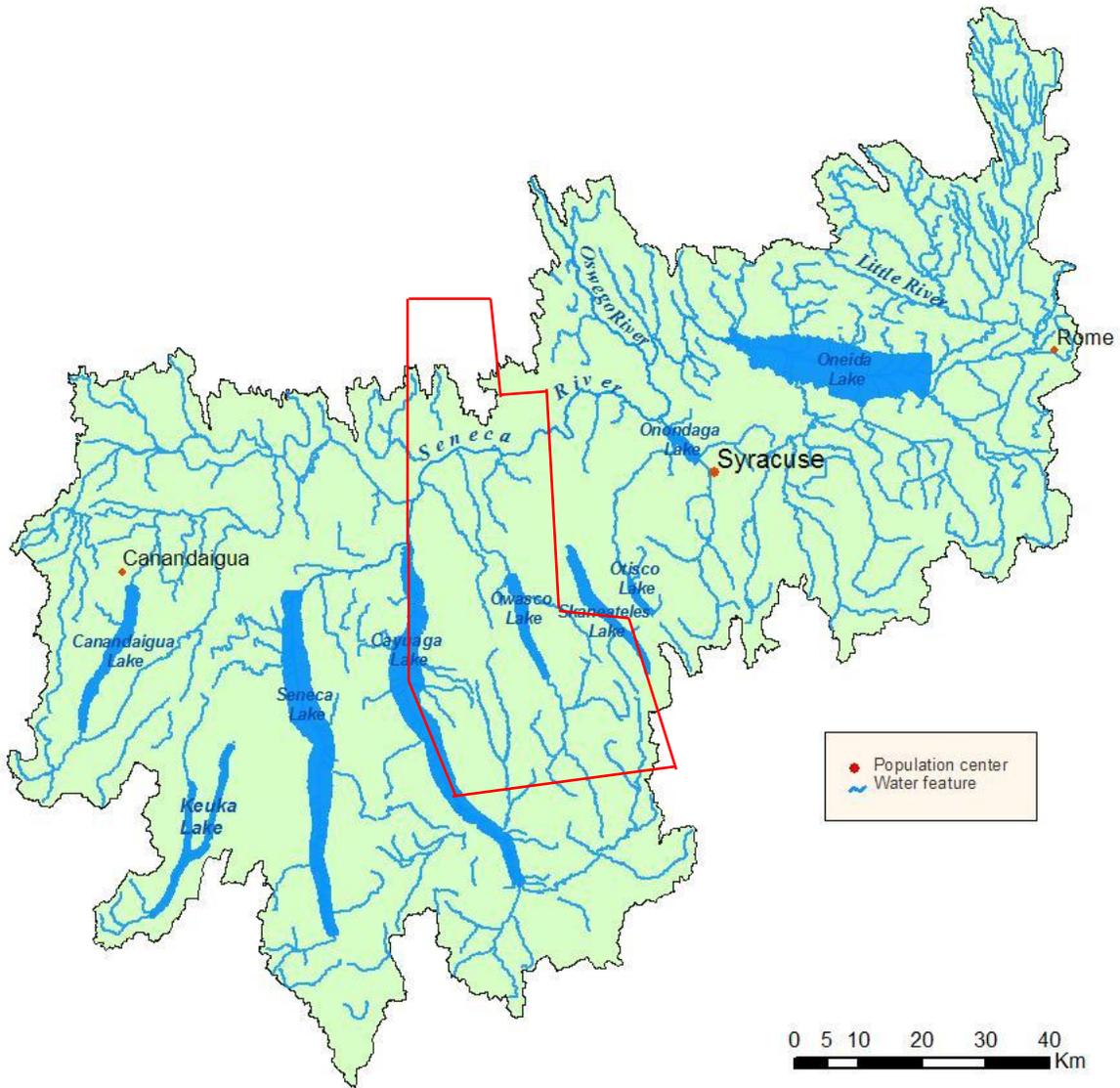
04140201 Seneca; state(s): NY

04140203 Oswego; state(s): NY

The Oswego River/Finger Lakes watershed is one of the largest in New York State, and drains the basins of the Oswego, Oneida, Seneca, and Clyde Rivers. The 5,070 square miles of the basin is entirely within New York State, covering all of Seneca County and large portions of Onondaga, Cayuga, Tompkins, Schuyler, Yates, and Ontario Counties, as well as smaller portions of nine other counties before emptying into Lake Ontario. The basin has over 8,896 miles of freshwater rivers and streams, with major tributaries including the Oneida River, the Clyde River, Cayuga Lake tributaries, and Seneca Lake tributaries. There are 76 significant freshwater lakes, ponds, and reservoirs that make up the basin which include Oneida Lake, Cayuga Lake, Seneca Lake, Keuka Lake, and Canandaigua Lake (NYSDEC, Date Unknown).

Figure 4-4 illustrates the Oswego River/Finger Lakes watersheds and major riverine reaches in Cayuga County.

Figure 4-4. Oswego/Finger Lakes Watersheds in Cayuga County



Source: NYDEC, Date Unknown

## **Topography and Geology**

Nearly sixty-five miles long, Cayuga County's land area of 734 square miles stretches from the shores of Lake Ontario into the heart of the Finger Lakes Region. The geology of Cayuga County was etched during the Ice Age by glaciers, and is characterized by hill and valley topography (Cayuga County EMC, 1979). Northern Cayuga County occupies an area called the Onondaga Escarpment, a geological feature running the width of the State of New York across the head of the Finger Lakes and characterized by the low hills which form the first rise of the Allegheny Plateau. The rest of Cayuga County is characterized by the Plateau which was once a high plain that has been cut into hill and valley topography by erosion and glacial pressure (Cayuga County EMC, 1979). The series of long, narrow valleys carved into the Plateau by fingers of ice formed the Finger Lakes seen today. The terminal moraines of these valleys were formed by thick glacial deposits of sand and gravel, forming natural dams impounding glacial waters into the Finger Lakes.

Elevations throughout Cayuga County range from approximately 250 feet above sea level along the shores of Lake Ontario to close to 2000 feet above sea level in the southeastern portion of Cayuga County. The highest elevations in Cayuga County are located in the towns of Sempronius and Summerhill near the Cayuga-Cortland County line, and these higher elevations contribute to the cooler average temperatures (Cayuga County Legislature, 2010).

## **Climate**

The climate of New York State is very similar to most of the Northeast U.S. and is classified as Humid Continental. Differences in latitude, character of topography, and proximity to large bodies of water all have an effect on the climate across New York State. Precipitation during the warm, growing season (April through September) is characterized by convective storms that generally form in advance of an eastward moving cold front or during periods of local atmospheric instability. Occasionally, tropical cyclones will move up from southern coastal areas and produce large quantities of rain. Both types of storms typically are characterized by relatively short periods of intense precipitation that produce large amounts of surface runoff and little recharge (Cornell, Date Unknown).

The cool season (October through March) is characterized by large, low-pressure systems that move northeastward along the Atlantic coast or the western side of the Appalachian Mountains. Storms that form in these systems are characterized by long periods of steady precipitation in the form of rain, snow, or ice, and tend to produce less surface runoff and more recharge than the summer storms because they have a longer duration and occasionally result in snowmelt (Cornell, Date Unknown).

Cayuga County generally experiences seasonable weather patterns characteristic of the northeastern U.S. Summer temperatures typically range from about 69°F to 82°F (Fahrenheit). Winter high temperatures are usually in the middle 30s°F, with minimum temperatures of 15°F expected (The Weather Channel, 2012).

## **Land Use and Land Cover**

Cayuga County is typical of many counties in New York State in that it has experienced only moderate growth over the past three decades. In 1910 more than 91 percent of its area was included in farms; 75 percent was in crops, cut for hay or cleared for pasture. Much of the area within the villages was largely built out before World War II. Because they were founded in an era when water power was critical to agricultural and industrial development, and/or transportation, the core of most villages in Cayuga County are located within floodplain areas. Additional development occurred with population growth in the 1950s and 1960s, but much of the land within Cayuga County's municipalities remained in farms. According to

Cayuga County’s 1997 Land Use Plan, agriculture is a significant component of Cayuga County’s economy, although agricultural land has and will continue to undergo conversion to alternate land uses. The Agriculture and Farmlands Protection Plan for Cayuga County was adopted in 1997 to set out basic policies to protect and promote future agricultural uses throughout Cayuga County.

Cayuga County is primarily an urban-rural community, with 47 percent of residents living in urban clusters, and the remaining 53 percent residing in the rural farm or non-farm areas which comprise nearly 54 percent of Cayuga County’s total land area. The City of Auburn is the major business and population center of Cayuga County, with a density of 3,400 residents per square mile (Cayuga County and the City of Auburn, 2009).

Table 4-1 below shows the land use categories and their total square miles and percentages. Figure 4-5 shows the distribution of land use throughout Cayuga County.

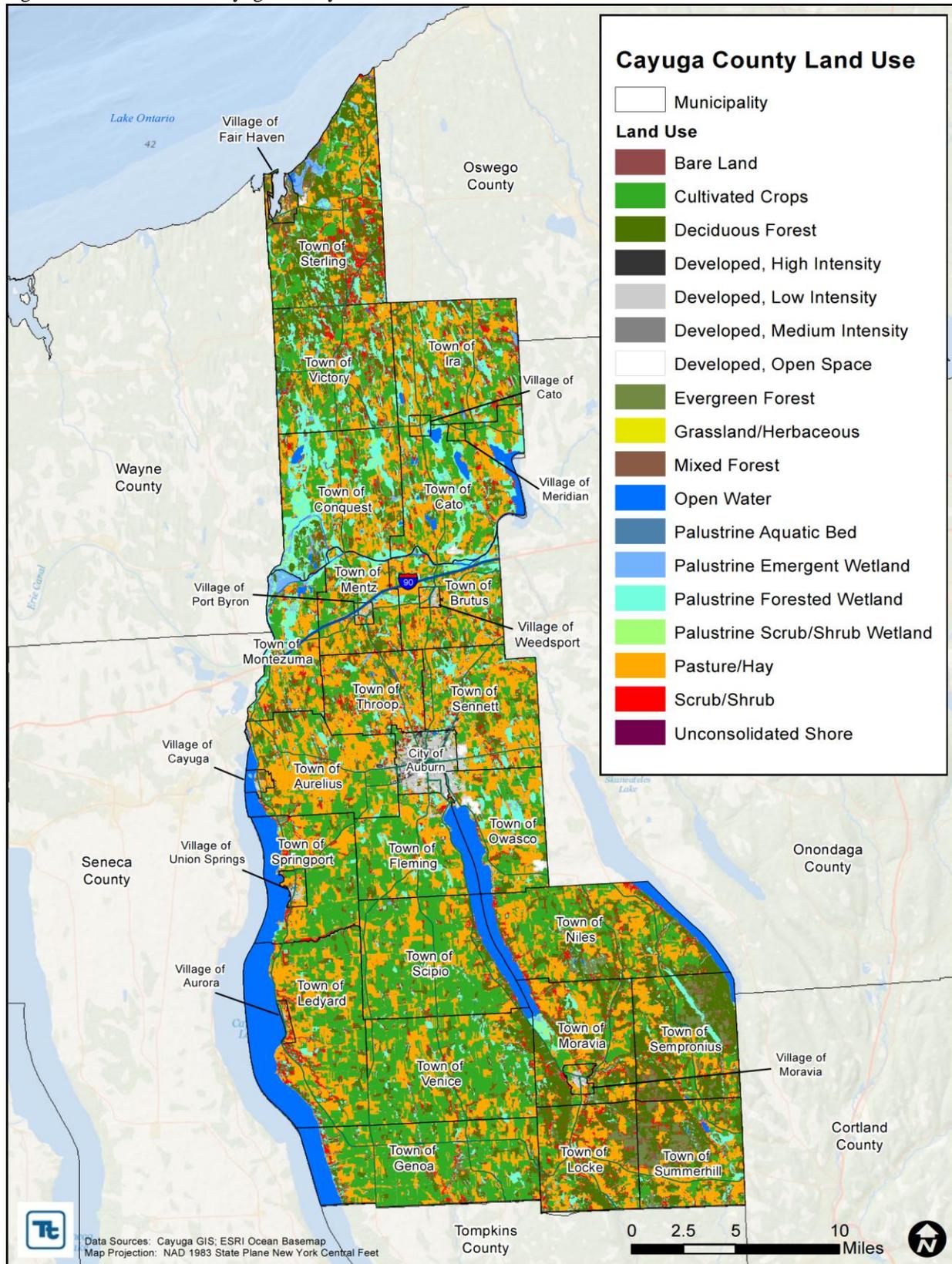
Table 4-1. Land Use (2006) in Cayuga County

Land Use	Total Area (sq. mi.)	Percent of County (%)	Area Within 100 Year Floodplain (sq. mi.)	Land Type area within Floodplain
Bare Land	0.43	0.10%	0.11	25.30%
Cultivated Crops	200.97	27.40%	106.46	53.00%
Deciduous Forest	113.95	15.50%	34.12	29.90%
Developed, High Intensity	0.99	0.10%	0.29	29.30%
Developed, Low Intensity	14.02	1.90%	5.65	40.30%
Developed, Medium Intensity	2.66	0.40%	0.84	31.80%
Developed, Open Space	2.74	0.40%	1.47	53.80%
Evergreen Forest	13.21	1.80%	1.63	12.30%
Grassland/Herbaceous	4.70	0.60%	0.32	6.80%
Mixed Forest	18.56	2.50%	2.14	11.50%
Open Water	42.23	5.80%	41.13	97.40%
Palustrine Aquatic Bed	0.16	0.00%	0.10	63.90%
Palustrine Emergent Wetland	7.31	1.00%	4.36	59.70%
Palustrine Forested Wetland	59.51	8.10%	25.34	42.60%
Palustrine Scrub/Shrub Wetland	8.00	1.10%	4.90	61.30%
Pasture/Hay	198.89	27.10%	83.70	42.10%
Scrub/Shrub	45.74	6.20%	6.73	14.70%
Unconsolidated Shore	0.02	0.00%	0.01	36.70%
<b>Total</b>	<b>734.10</b>	<b>100.00%</b>	<b>319.30</b>	*

Source: Cayuga County GIS; USGS, 2011 (2006 National Land Cover Database)

Note: Sq. mi. = square miles; \*= Not an applicable statistic.

Figure 4-5. Land Use in Cayuga County



Source: Cayuga County GIS (2006 National Land Cover Database)



## POPULATION AND DEMOGRAPHICS

According to the 2010 U.S. Census, Cayuga County had a population of 80,026 people. The U.S. Census data in HAZUS-MH is based on the 2000 data in which there were 81,963 people in Cayuga County. Table 4-2 presents the population statistics for Cayuga County based on the 2010 and 2000 U.S. Census data. Figure 4-6 shows the distribution of the 2000 U.S. Census general population density (persons per square mile) by Census block. For the purposes of this plan, data available in HAZUS-MH are used (representing 2000 data); this data is considered appropriate given the decrease in population between 2000 and 2010.

DMA 2000 requires that HMPs consider socially vulnerable populations. These populations can be more susceptible to hazard events, based on a number of factors including their physical and financial ability to react or respond during a hazard and the location and construction quality of their housing. For the purposes of this study, vulnerable populations shall include (1) the elderly (persons aged 65 and over) and (2) those living in low-income households.

Table 4-2. Cayuga County Population Statistics (2010 and 2000 U.S. Census)

Municipality	Census 2010 Pop.	Census 2000 Pop.	HAZUS-MH Pop. Over 65*	Percent of HAZUS-MH Pop. Over 65*	HAZUS-MH Low-Income Pop. **	Percent of HAZUS-MH Low-Income Pop. **
Auburn (C)	27,687	28,574	5,128	17.95%	3,862	13.52%
Aurelius (T)	2,243	2,936	393	16.19%	179	7.38%
Aurora (V)	724	720	96	13.33%	36	5.00%
Brutus (T)	2,649	4,777	313	11.34%	194	7.03%
Cato (T)	2,020	2,744	227	10.48%	145	6.69%
Cato (V)	533	601	63	10.48%	44	7.32%
Cayuga (V)	549	509	84	16.50%	39	7.66%
Conquest (T)	1,819	1,925	167	8.68%	111	5.77%
Fair Haven (V)	703	884	150	16.97%	74	8.37%
Fleming (T)	2,636	2,647	423	15.98%	153	5.78%
Genoa (T)	1,935	1,914	243	12.70%	107	5.59%
Ira (T)	1,881	2,426	171	8.33%	99	4.82%
Ledyard (T)	1,158	1,832	139	12.50%	38	3.42%
Locke (T)	1,951	1,900	176	9.26%	141	7.42%
Mentz (T)	1,096	2,446	156	13.58%	102	8.88%
Meridian (V)	309	350	33	9.43%	23	6.57%
Montezuma (T)	1,277	1,431	105	7.34%	117	8.18%
Moravia (T)	2,347	4,040	209	7.82%	135	5.05%
Moravia (V)	1,279	1,363	178	13.06%	114	8.36%
Niles (T)	1,194	1,208	127	10.51%	55	4.55%
Owasco (T)	3,793	3,755	607	16.17%	188	5.01%
Port Byron (V)	1,282	1,297	193	14.88%	117	9.02%
Scipio (T)	1,713	1,537	166	10.80%	95	6.18%
Sempronius (T)	890	893	40	4.56%	48	5.47%

Municipality	Census 2010 Pop.	Census 2000 Pop.	HAZUS-MH Pop. Over 65*	Percent of HAZUS-MH Pop. Over 65*	HAZUS-MH Low-Income Pop. **	Percent of HAZUS-MH Low-Income Pop. **
Sennett (T)	3,595	3,244	526	16.21%	103	3.18%
Springport (T)	1,176	2,256	148	12.31%	73	6.07%
Sterling (T)	2,337	3,432	295	11.58%	199	7.81%
Summerhill (T)	1,222	1,098	102	9.14%	40	3.58%
Throop (T)	1,990	1,824	273	14.97%	77	4.22%
Union Springs (V)	1,195	1,074	172	16.32%	84	7.97%
Venice (T)	1,368	1,286	140	10.89%	68	5.29%
Victory (T)	1,660	1,838	138	7.51%	124	6.75%
Weedsport (V)	1,815	2,017	261	12.94%	125	6.20%
<b>Cayuga County</b>	<b>80,026</b>	<b>81,963</b>	<b>11,642</b>	<b>14.20%</b>	<b>7,109</b>	<b>8.67%</b>

Source: U.S. Census Bureau, 2000 and 2010; HAZUS-MH 2.1

Note: Pop. = population

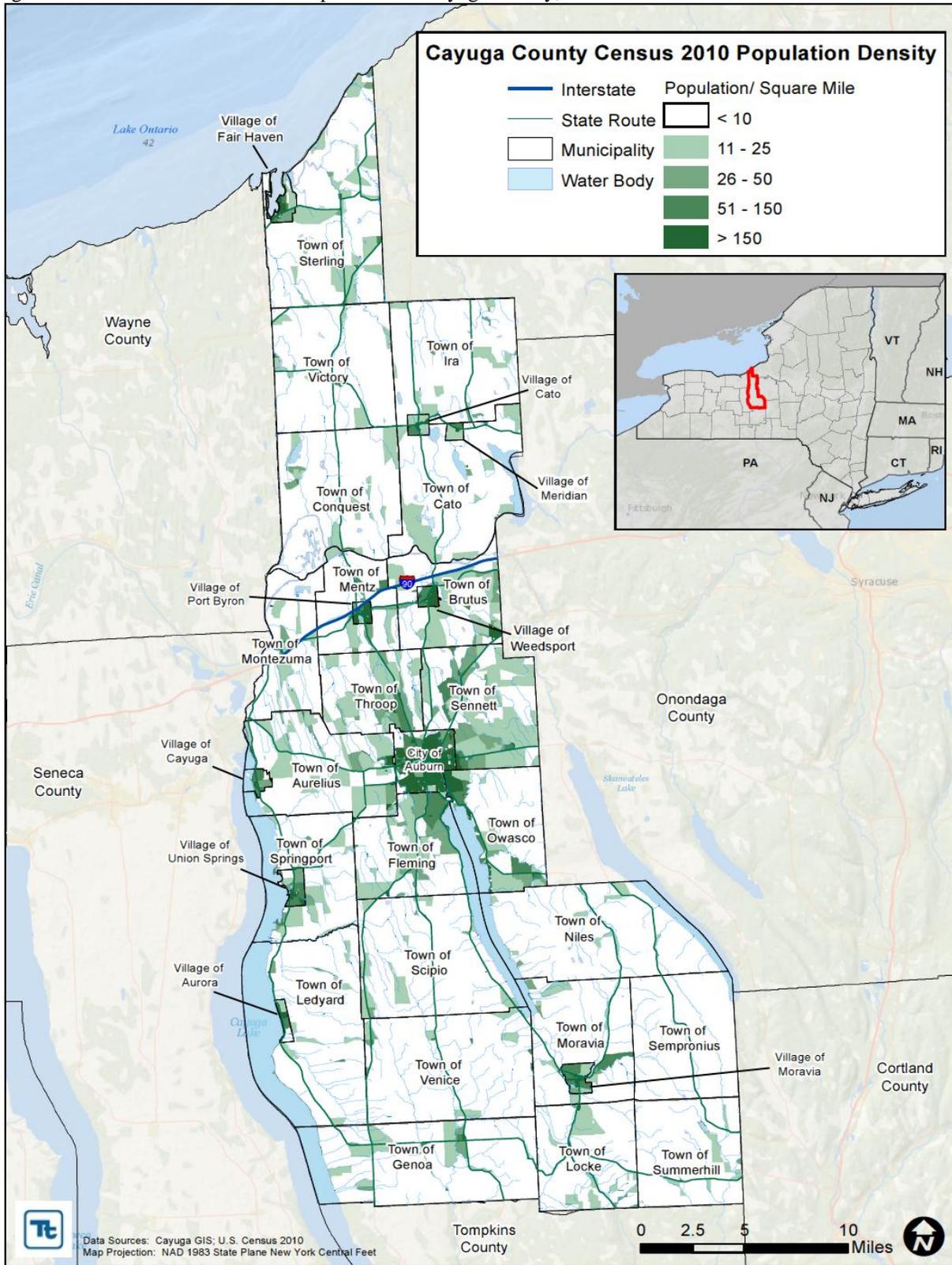
\* Individuals over the age of 65. Percentage is calculated out of total population of municipality.

\*\* Households with an income of less than \$20,000. Percentage is calculated out of total population of municipality.

It is noted that the census data for household income provided in HAZUS-MH includes two ranges (\$0-10,000 and \$10,000-\$20,000/year) that were totaled to provide the “low-income” data used in this study. This does not correspond exactly with the “poverty” thresholds established by the U.S. Census Bureau, which identifies households with an annual household income below \$15,000 per year as “low income” for this region. This difference is not believed to be significant for the purposes of this planning effort.

The 2010 U.S. Census data also identified 3,252 of the 30,975 households as having an annual income of less than \$15,000 and that approximately 8,409 (11.1%) of persons (amongst a total population of 75,737 for whom poverty status is determined County-wide) living below the poverty level. Figure 4-7 shows the distribution of persons over age 65 in Cayuga County, while Figure 4-8 shows the distribution of low income persons.

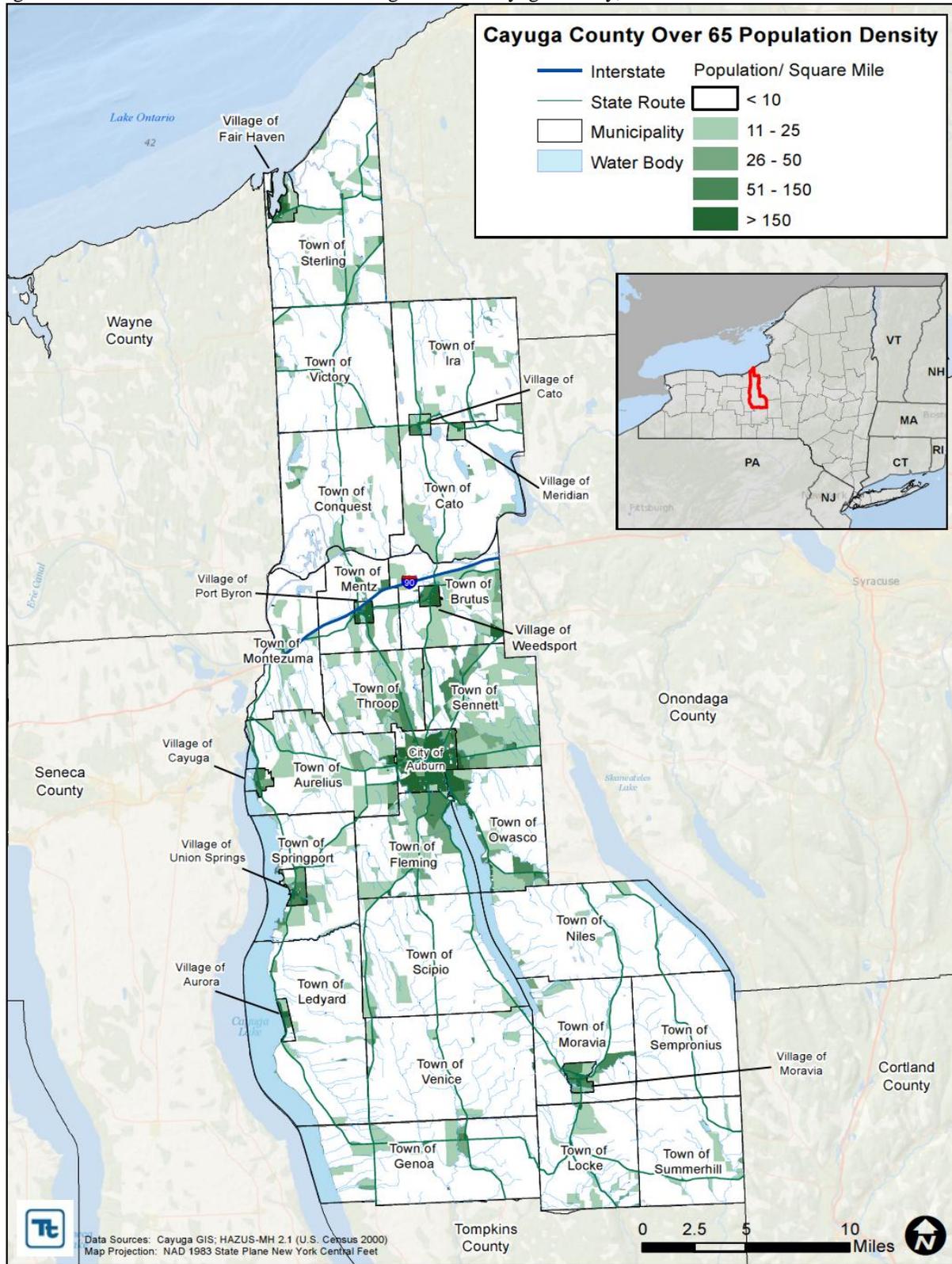
Figure 4-6. Distribution of General Population for Cayuga County, New York



Source: HAZUS-MH 2.1



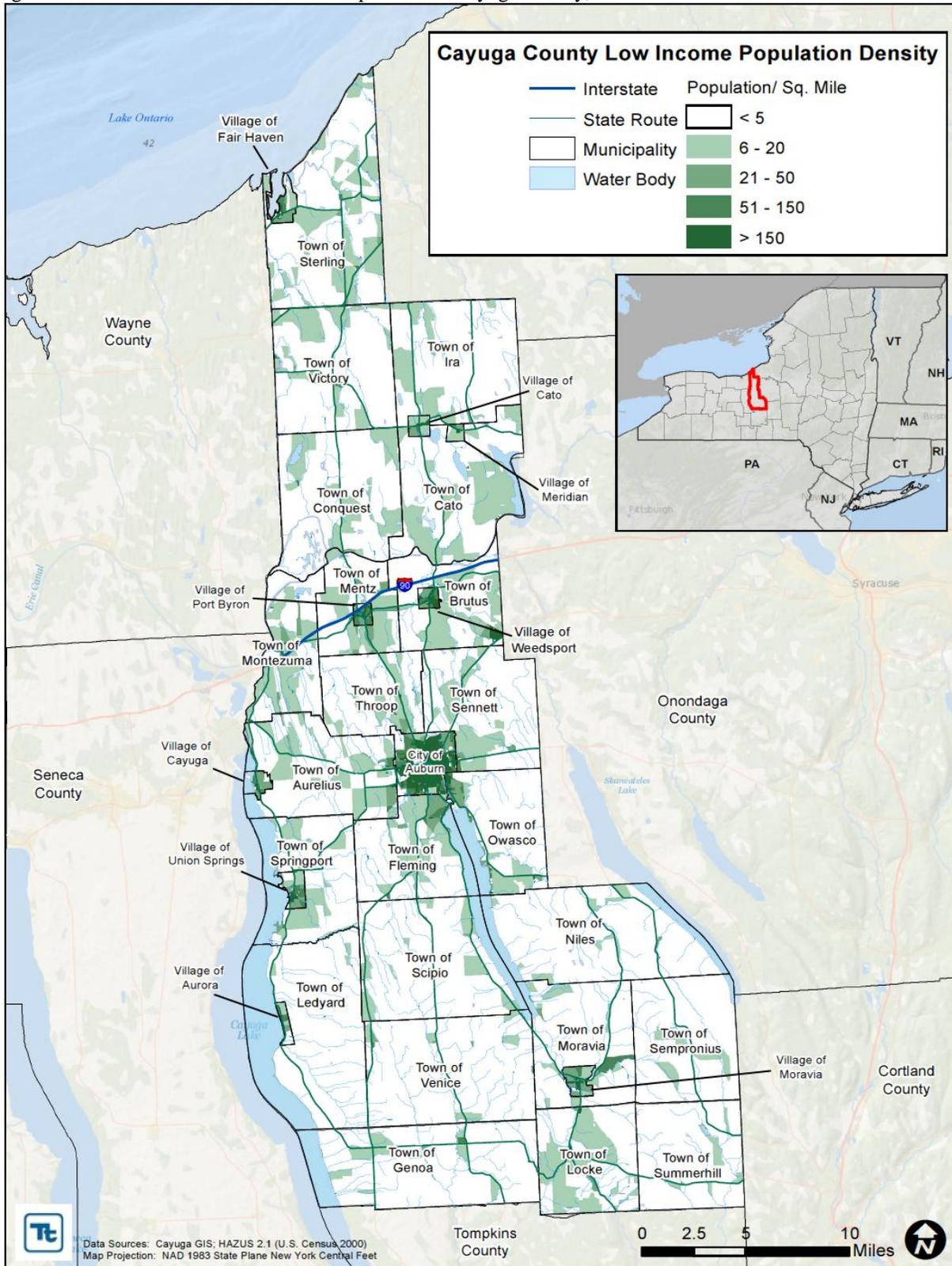
Figure 4-7. Distribution of Persons over the Age of 65 in Cayuga County, New York



Source: HAZUS-MH 2.1



Figure 4-8. Distribution of Low-Income Population in Cayuga County, New York



Source: HAZUS-MH 2.1

**GENERAL BUILDING STOCK**

For this plan, the default general building stock in HAZUS-MH was updated and replaced with a custom building inventory for Cayuga County both at the aggregate and structure level. The updated building inventory was built using detailed the parcels and structure-specific building attributes. For the purposes of this plan, there are 30,490 structures in Cayuga County, with a total building replacement value (structure and content) of greater than \$5.7 billion. Approximately 91-percent of the total buildings in Cayuga County are residential, which make up 66-percent of the building stock structural value associated with residential housing. Table 4-3 presents building stock statistics by occupancy class for Cayuga County.

Figure 4-9 through Figure 4-11 show the distribution and exposure density of residential, commercial and industrial buildings in Cayuga County. Exposure density is the dollar value of structures per unit area, including building content value. Generally, contents for residential structures are valued at about 50 percent of the building's value. For commercial facilities, the value of the content is generally about equal to the building's structural value. Actual content value varies widely depending on the usage of the structure.

Table 4-3. Building Stock Count and Replacement Value by Occupancy Class

Municipality	Total			Residential	Commercial	Industrial	Agricultural	Religious	Government	Education
	Count	RCV (Structure and Contents)	RCV (Structure Only)							
Auburn (C)	8,279	\$1,878,218,032	\$1,100,104,455	\$965,972,633	\$505,926,202	\$151,064,400	\$165,400	\$43,141,598	\$105,752,400	\$106,195,400
Aurelius (T)	924	\$235,842,408	\$134,306,575	\$98,312,227	\$43,598,181	\$19,545,600	\$23,728,400	\$1,151,400	\$2,168,400	\$47,338,200
Aurora (V)	204	\$78,145,146	\$47,018,098	\$47,673,150	\$8,056,996	\$0	\$17,000	\$1,532,200	\$1,312,000	\$19,553,800
Brutus (T)	737	\$137,559,741	\$86,177,175	\$104,383,827	\$10,483,874	\$3,162,762	\$6,327,820	\$0	\$61,292	\$13,140,166
Cato (T)	1,045	\$123,559,352	\$80,056,131	\$109,658,734	\$4,770,000	\$96,000	\$9,034,618	\$0	\$0	\$0
Cato (V)	203	\$25,489,778	\$15,985,164	\$19,441,650	\$4,387,928	\$474,000	\$50,600	\$612,600	\$523,000	\$0
Cayuga (V)	218	\$30,622,602	\$19,452,873	\$24,849,432	\$2,039,770	\$397,400	\$50,800	\$225,000	\$439,200	\$2,621,000
Conquest (T)	858	\$80,886,230	\$51,701,871	\$67,552,534	\$3,010,400	\$0	\$9,074,096	\$463,800	\$330,400	\$455,000
Fair Haven (V)	663	\$81,256,714	\$50,547,032	\$59,512,050	\$4,605,000	\$232,000	\$12,968,264	\$2,338,600	\$1,600,800	\$0
Fleming (T)	1,128	\$224,901,456	\$144,895,456	\$194,668,370	\$13,703,714	\$1,971,946	\$12,831,452	\$1,316,200	\$409,774	\$0
Genoa (T)	991	\$157,595,339	\$97,772,321	\$113,847,907	\$9,126,132	\$1,866,200	\$30,899,300	\$1,248,400	\$607,400	\$0
Ira (T)	773	\$141,248,229	\$84,756,445	\$84,793,981	\$13,936,200	\$1,859,000	\$5,876,249	\$131,600	\$404,000	\$34,247,200
Ledyard (T)	666	\$121,217,136	\$75,499,466	\$89,345,386	\$2,836,562	\$6,189,800	\$22,209,387	\$636,000	\$0	\$0
Locke (T)	654	\$80,900,298	\$51,704,162	\$67,524,080	\$5,786,018	\$1,144,200	\$5,513,400	\$332,400	\$450,400	\$149,800
Mentz (T)	427	\$70,917,868	\$42,026,454	\$39,405,122	\$4,000,638	\$859,600	\$3,662,708	\$1,418,000	\$0	\$21,571,800
Meridian (V)	116	\$13,281,419	\$8,510,387	\$11,218,065	\$729,000	\$115,354	\$280,800	\$280,000	\$658,200	\$0
Montezuma (T)	493	\$50,517,527	\$32,245,260	\$41,918,981	\$3,238,072	\$379,172	\$4,709,434	\$41,098	\$230,770	\$0
Moravia (T)	654	\$139,466,396	\$81,575,808	\$71,055,660	\$62,302,400	\$750,000	\$4,270,537	\$688,600	\$399,200	\$0

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Municipality	Total		Residential	Commercial	Industrial	Agricultural	Religious	Government	Education	
Moravia (V)	495	\$110,235,862	\$63,329,652	\$49,270,328	\$20,596,734	\$6,258,000	\$2,237,200	\$3,309,400	\$1,052,800	\$27,511,400
Niles (T)	905	\$134,855,774	\$88,295,558	\$125,206,028	\$3,515,250	\$662,096	\$3,784,200	\$922,000	\$766,200	\$0
Owasco (T)	1,741	\$392,636,885	\$257,932,899	\$369,686,739	\$10,178,654	\$2,412,592	\$1,518,900	\$3,346,946	\$2,455,290	\$3,037,764
Port Byron (V)	414	\$74,854,644	\$43,185,772	\$34,550,700	\$25,510,344	\$1,536,200	\$538,200	\$1,582,000	\$0	\$11,137,200
Scipio (T)	740	\$115,757,295	\$70,839,247	\$77,763,599	\$3,211,408	\$260,202	\$18,322,670	\$6,899,742	\$509,540	\$8,790,134
Sempronius (T)	457	\$55,409,787	\$36,056,158	\$50,107,587	\$968,200	\$237,600	\$2,864,000	\$924,600	\$307,800	\$0
Sennett (T)	1,383	\$421,576,376	\$255,432,753	\$267,867,388	\$73,897,060	\$35,415,546	\$14,235,182	\$5,648,000	\$10,029,000	\$14,484,200
Springport (T)	561	\$101,711,905	\$66,000,942	\$90,869,935	\$3,884,474	\$301,270	\$5,802,708	\$0	\$0	\$853,518
Sterling (T)	1,136	\$111,783,180	\$70,836,920	\$89,671,980	\$8,074,400	\$958,400	\$7,670,000	\$2,842,400	\$2,566,000	\$0
Summerhill (T)	498	\$62,016,044	\$39,419,729	\$50,470,244	\$2,682,600	\$0	\$8,286,400	\$576,800	\$0	\$0
Throop (T)	782	\$117,821,212	\$77,132,072	\$109,328,796	\$2,361,000	\$501,200	\$4,021,616	\$560,600	\$1,048,000	\$0
Union Springs (V)	440	\$96,036,680	\$58,776,870	\$64,551,180	\$11,329,776	\$2,267,970	\$511,562	\$1,458,568	\$3,157,374	\$12,760,250
Venice (T)	570	\$94,806,303	\$55,882,599	\$50,876,685	\$3,128,400	\$432,640	\$38,762,178	\$658,400	\$815,800	\$132,200
Victory (T)	677	\$70,156,430	\$45,202,475	\$60,745,558	\$3,730,144	\$0	\$4,720,328	\$708,800	\$251,600	\$0
Weedsport (V)	658	\$121,709,134	\$75,088,463	\$85,403,380	\$23,453,120	\$1,859,842	\$0	\$3,452,144	\$2,443,726	\$5,096,922
<b>Cayuga County</b>	<b>30,490</b>	<b>\$5,752,993,179</b>	<b>\$3,507,747,242</b>	<b>\$3,787,503,913</b>	<b>\$899,058,651</b>	<b>\$243,210,992</b>	<b>\$264,945,407</b>	<b>\$88,447,896</b>	<b>\$140,750,366</b>	<b>\$329,075,954</b>

Source: Cayuga GIS

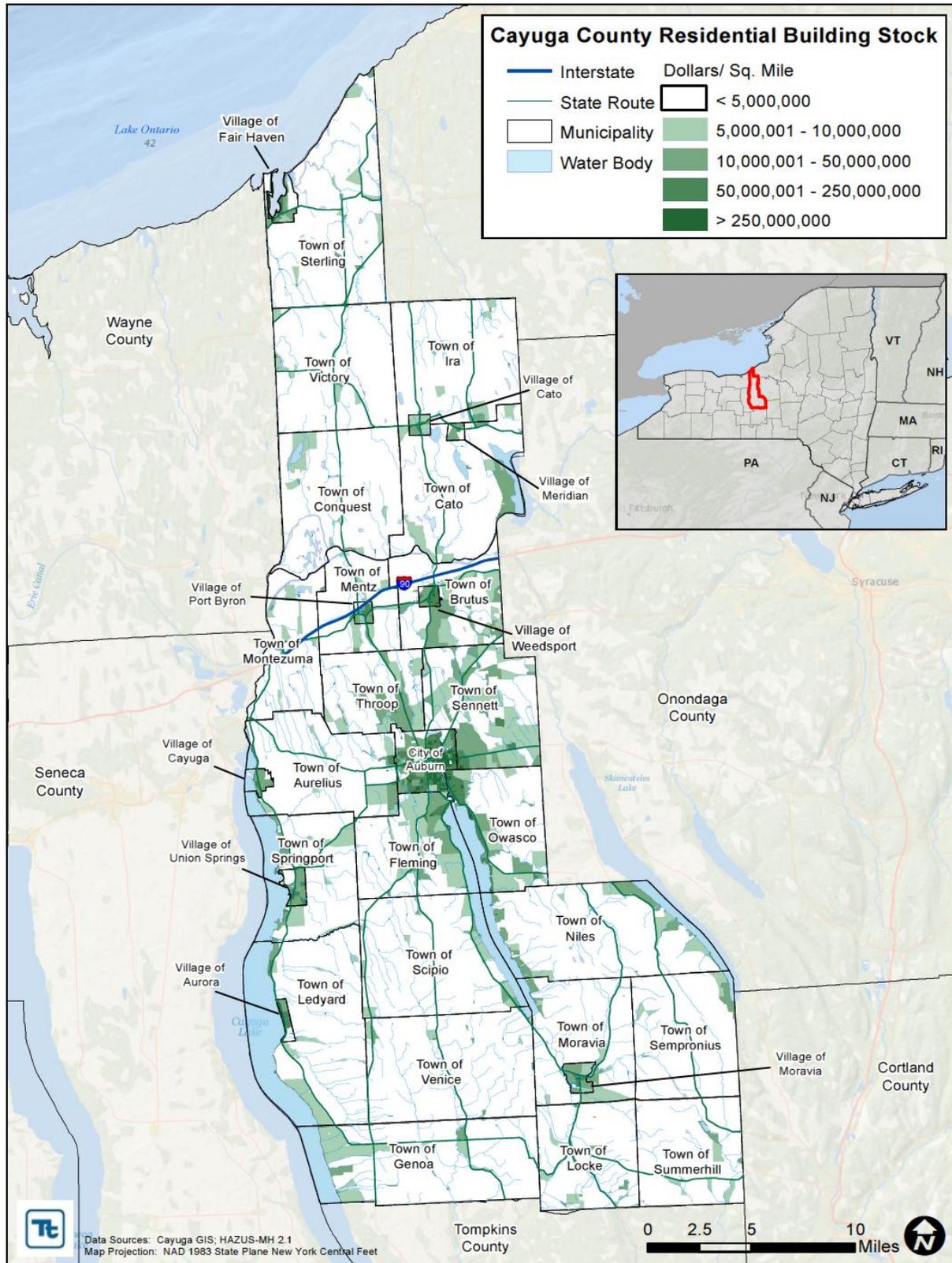
Note(s): RES1 = Single-family dwellings; RES2 = Manufactured housing

T = Town; V = Village

Value reflects the replacement cost for building structure and contents. Generally, contents for residential structures are valued at about 50 percent of the building's value. For commercial facilities, the value of the content is generally about equal to the building's structural value. Total is total of all building classes (Residential, Commercial, Industrial, Agricultural, Religious, Government and Education).



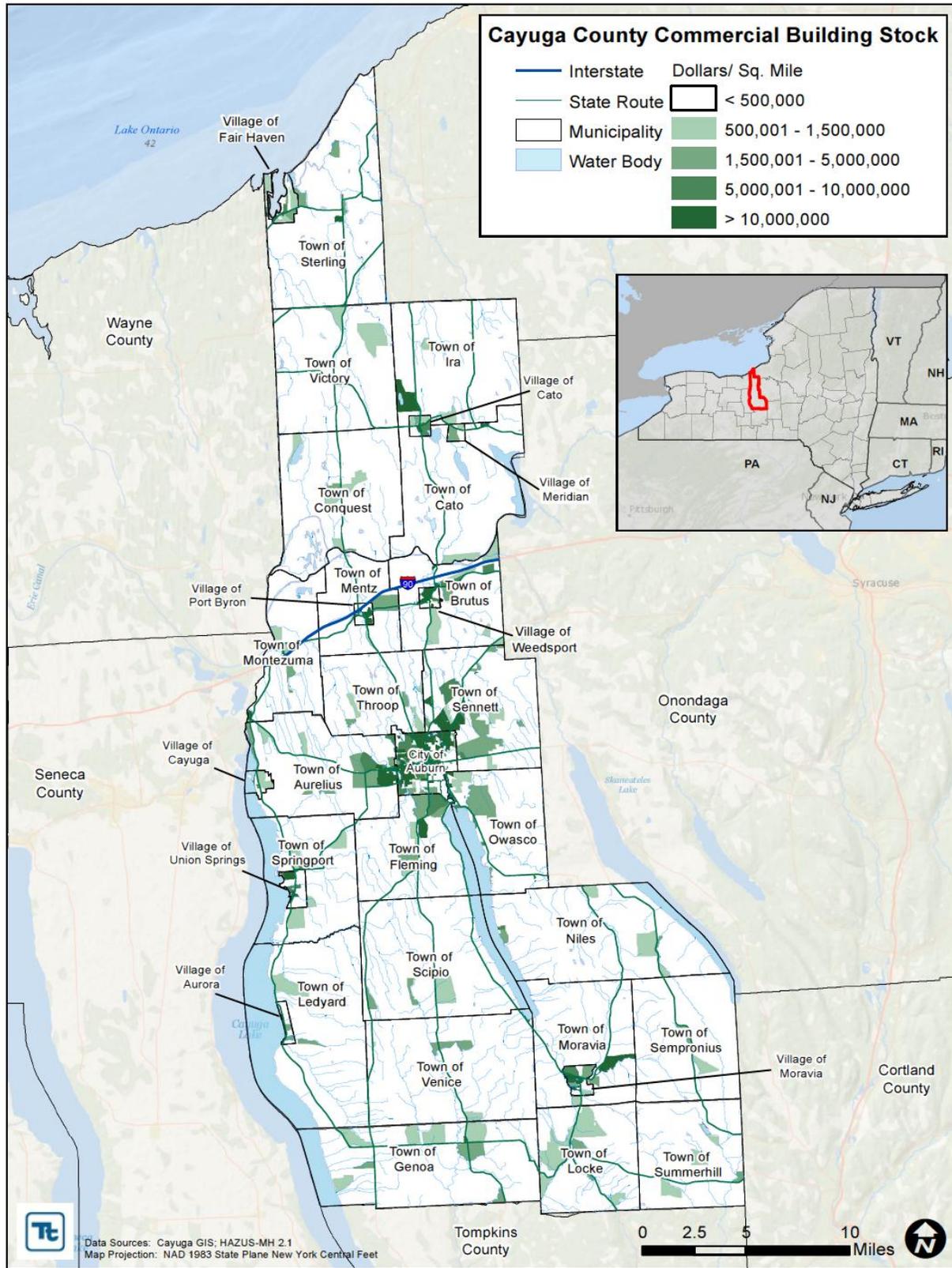
Figure 4-9. Distribution of Residential Building Stock and Value Density in Cayuga County



Source: Cayuga GIS; HAZUS-MH 2.1

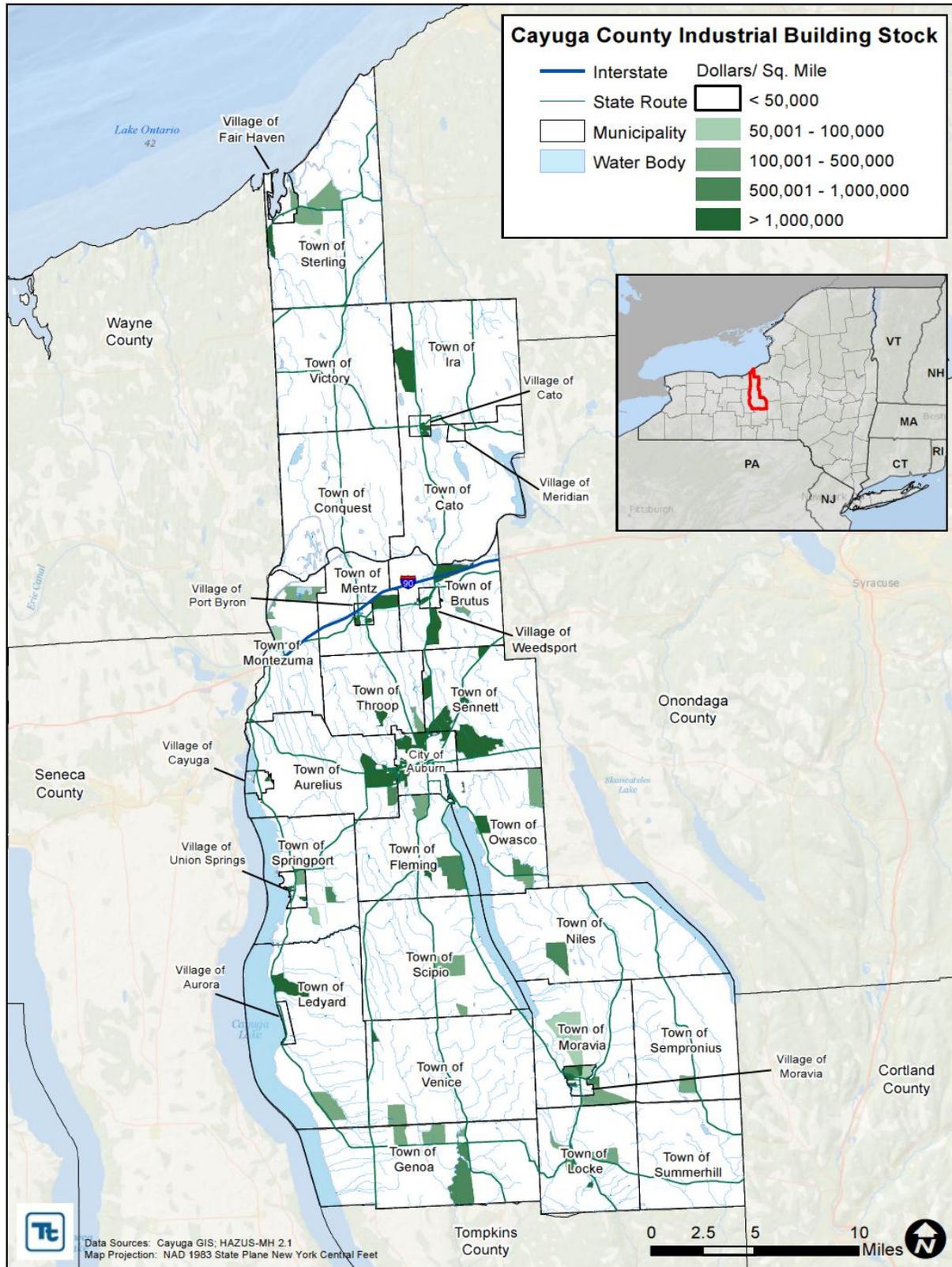


Figure 4-10. Distribution of Commercial Building Stock and Exposure Density in Cayuga County



Source: Cayuga GIS; HAZUS-MH 2.1

Figure 4-11. Distribution of Industrial Building Stock and Value Density in Cayuga County



Source: Cayuga GIS; HAZUS-MH 2.1

**LAND USE AND POPULATION TRENDS**

Land use regulatory authority is vested in New York State’s towns, villages, and cities. However, many development and preservation issues transcend location political boundaries. DMA 2000 requires that communities consider land use trends, which can impact the need for, and priority of, mitigation options over time. Land use trends significantly impact exposure and vulnerability to various hazards. For example, significant development in a hazard area increases the building stock and population exposed to that hazard.

This Plan provides a general overview of population and land use and types of development occurring within the study area. An understanding of these development trends can assist in planning for further development and ensuring that appropriate mitigation, planning, and preparedness measures are in place to protect human health and community infrastructure.

**Land Use Trends**

The following sections present an overview of Cayuga County’s economy and agriculture.

**Economy**

The following sections present an overview of Cayuga County’s economy including: agriculture, retail trade, tourism, industrial, government, leisure and hospitality, and manufacturing.

The economic census provides a detailed portrait of the nation’s economy once every 5 years, from the national to the local level. The most recent economic census is from 2007, which covers nearly all of the U.S. economy in its basic collection of establishment statistics. According to the 2007 Economic Census, there are nearly 17,000 employees working across various industries in Cayuga County. At 20.5% of a total 1,331 establishments across all sectors in Cayuga County, the retail trade is the most prominent. The industries with the second and third most establishments are health care and social assistance, with 15.1%, and accommodation and food services, with 13.1%, respectively. The 2007 Economic Census was conducted for Cayuga County and the information is presented in Table 4-4.

Table 4-4. 2007 Economic Census for Cayuga County, New York

Industry	Number of Establishments	Total Sales (\$1,000)	Number of Employees*
Wholesale trade	57	D	f
Information	38	N	450
Real estate and rental and leasing	60	27,579	189
Professional, scientific, and technical services	100	45,626	641
Professional, scientific, and technical services	100	45,626	641
Administrative and support and waste management and remediation services	62	60,389	769
Educational services	4	D	b
Health care and social assistance	201	257,502	3,683
Arts, entertainment, and recreation	46	18,339	375
Accommodation and food services	174	76,380	1,897
Other services (except public administration)	124	41,186	487
Manufacturing	92	1,109,917	3,338
Retail trade	273	884,034	3,852
<b>Total</b>	<b>1,331</b>	<b>2,566,578</b>	<b>16,322</b>

Source: U.S. Census, 2007

Note: This number only includes paid employees

b = 20-99 employees

f = 500 to 999 employees

D = Withheld to avoid disclosing data of individual companies; data are included in higher level totals

H = 2

N = Not available

X = Not applicable

The Cayuga County Business Pattern is provided by the U.S. Census Bureau and is an annual series that presents sub-national economic data by industry. County Business Patterns covers most of the country’s economic activity (U.S Census Bureau, 2010). According to the 2010 Cayuga County Business Pattern, Cayuga County had a total of 1,620 business establishments. The retail trade industry had the highest number of establishments in Cayuga County, making up 16.4-percent of all businesses. Following retail trade is the construction trade, making up 13.6-percent of all business. The third highest industry in 2010 was health care and social assistance, making up 12.2-percent of all businesses. Table 4-5 provides 2010 industry and employment information in Cayuga County.

Table 4-5. 2010 Cayuga County Business Patterns

Industry	Number of Establishments	Number of Employees
Accommodation and food services	171	1,858
Administrative and Support and Waste Mgmt. and Remediation Services	52	507
Agriculture, forestry, fishing and hunting	6	a
Arts, entertainment, and recreation	44	E
Construction	220	910
Educational services	15	374
Finance and insurance	65	365
Health care and social assistance	197	4,068
Industries not classified	N	a
Information	34	466
Management of companies and enterprises	6	107
Manufacturing	96	3,144
Mining, quarrying, and oil and gas extraction	2	a
Other services (except public administration)	166	675
Professional, scientific, and technical services	95	614
Real estate and rental and leasing	68	c
Retail trade	266	3,610
Transportation and warehousing	43	588
Utilities	1	b
Wholesale trade	72	849
<b>Total for all sectors</b>	<b>1,620</b>	<b>18,816</b>

Source: U.S. Census Bureau, 2010

Note: Number of employees only includes number of paid employees

a = 0-19 employees

b = 20-99 employees

c = 100-249 employees

E = 250-499 employees

N = Not available

## Agriculture

Cayuga County supports a diverse agricultural community, and has helped to protect 8,000 acres of farmland since the implementation of the Cayuga County Farmland Protection Plan in 1997. The 2011 County Economic Development Strategic Plan notes an overall increase in farms throughout Cayuga County by 90 farms between 1997 and 2007. Additionally, the amount of farmland acreage in Cayuga County declined by just 1% between 1997 and 2007, despite the increasing pressure for suburban development (CEDA, 2011). In 2007, there were 936 farms in Cayuga County, with a total land area of 249,476 acres. The average size of a farm was 267 acres. According to the 2007 Census of Agriculture, approximately 513 of farm operators reported farming as their primary occupation. The market value of agricultural products sold from County farms totaled over \$214.4 million, with total sales averaging \$229,063 per farm. Crop sales accounted for \$48.5 million (22.6%) of total sales and livestock sales accounted for \$165.9 million (77.4%) of total sales.

The lead agricultural products sold were milk and other dairy products from cows (\$140.2 million) cattle and calves (\$18.4 million), and grains, oilseeds, dry beans, and dry peas (\$30.5 million) (USDA, 2007).

## Retail Trade

According to the Cayuga County Economic Development Resource Profile, the retail trade is one of the strongest economic segments in Cayuga County. The Auburn area has substantial retail presence that serves both County residents as well as acts as a regional center for residents within adjacent towns of neighboring counties. Attractive retail is also a quality of life factor for smaller towns in Cayuga. Sennett and Aurelius have cultivated a positive retail base on Routes 5 and 20 (CEDA, Date Unknown).

## Tourism

The Cayuga County Office of Tourism, a subset of the Cayuga County Chamber of Commerce, is the official designated Tourism Promotion Agency (TPA) for the County in the State of New York. New York State provides financial assistance to county TPAs for certain expenses of local and regional tourism promotion campaigns through the I Love NY Matching Funds program administered by New York's Empire State Development Office. The Cayuga County Tourism Office's mission is dedicated to growing the tourism industry and thereby stimulating economic growth and the quality of life for area residents. These goals are achieved by marketing and advertising to attract the maximum number of visitors to Cayuga County, and ongoing development of a dynamic tourism industry throughout Cayuga County. Marketing services include a website ([www.tourcayuga.com](http://www.tourcayuga.com)), newspaper and magazine advertising, social media, a visitor's center, and membership in regional and state associations (CCTO, 2012b).

Cayuga County is one of the 14 counties located within the Finger Lakes Region. The Finger Lakes is a \$2.6 billion industry that supports 57,650 jobs. In 2009, Cayuga County ranked 7<sup>th</sup> in visitor spending in the region (Tourism Economics, 2010). Table 4-6 displays the totals in direct tourism spending within Cayuga County.

Tourism employment in Cayuga County (including direct, indirect, and induced) totaled 1,852 jobs in 2011, and the industry generated a total of \$10.92 million in state (\$5.32 million) and local (\$5.60 million) taxes (Tour Cayuga, 2012a).

Table 4-6. Cayuga County Tourism Direct Sales, 2011

Visitor Spending	Total
Lodging	\$24.09 million
Recreation	\$3.11 million
Food & Beverage	\$18.93 million
Retail & Service Stations	\$16.46 million
Transportation	\$9.96 million
Second Homes	\$14.81 million
<b>TOTAL Tourism Direct Sales</b>	<b>\$87.36 million</b>

Source: Tour Cayuga County, 2012

## Government

Cayuga County is made up of one city, 23 towns, and nine villages. Cayuga County is a full service county government with 35 operating departments including a full service Health Department. Cayuga County is governed by 15 elected Legislators who represent equally divided districts and who select a County Chairman annually. The County also has a County Administrator who acts on the behalf of the

Legislature. Cayuga County operates a Nursing Home, Soil and Water Conservation District, Community College, Water and Sewer Authority, and a County jail (Cayuga County, 2010).

Home rule is strong in New York State and, thus, each town and village has its own governing body. Towns are made up of elected Town Board members and a Supervisor. The Villages all have a Mayor, Clerk, and Village Board of Trustees. Town and village roads are maintained by the local municipality. The majority of public water and sewer systems are operated and maintained by local municipalities, except for those operated by mobile home parks or the Cayuga County Water and Sewer Authority. Each municipality has charge over its own planning and zoning and uses Cayuga County personnel as a resource (Cayuga County, 2010).

### **Manufacturing**

Manufacturing represents over 10% of the Cayuga workforce with many manufacturers operating well or planning expansions. Major manufacturing industry segments based on employment figures include machinery, plastics/rubber, fabricated materials, electrical equipment, and transportation equipment. The largest employments sector in manufacturing is machinery, with major players ITT/Gould Pumps, McQuay International, and other companies employing between 1000-2499 laborers total (CEDR, 2011). Other nationally or internationally known manufacturers such as Nucor Steel, Owens-Illinois, and TRW employ a broad range of manufacturing workers in Cayuga County. Furthermore, smaller specialty manufacturers provide products such as fire protection material and kayak storage systems. Other manufacturers in Cayuga County include those related to packaging (glass bottles), automotive electronics, and highly creative home furnishings (CEDA, Date Unknown).

### **Population Trends**

Over the last 50 years, Cayuga County has experienced a moderate population growth, with a slight decline over the last two decades. The population of Cayuga County is distributed among one city, 23 towns, and nine villages. The largest portion of the population, nearly 25%, lives in the center of Cayuga County in and around the City of Auburn, which had a 2010 population of 27,687. The next largest municipalities in 2010 were the Town of Brutus, with 4,464 persons, and the Town of Owasco, with 3,793 persons (CNYRPDB, Date Unknown).

The U.S. Census Bureau states that Cayuga County's 2010 population is 80,026 persons, which is a 2.4 percent decrease from the 2000 Census population of approximately 81,961. Between 1950 and 1990, Cayuga County has seen 14.1 percent growth in population. The largest increase was seen between the years 1950 to 1960, when Cayuga County experienced a 5.4 percent (3,806 persons) population increase. The largest decrease was seen between the years 2000 and 2010, when Cayuga County experienced a population decrease of 1,935 persons (CNYRPDB, Date Unknown). Within Cayuga County, the municipalities of the Fair Haven (v), Meridian (v), and the Town of Sterling experienced the greatest population loss in the last decade, with 15.7, 11.7, and 11.4 percent loss, respectively. Table 4-7 displays the population and population differences from 1950 to 2010 in Cayuga County. Conversely, the municipalities of the Town of Scipio and Union Springs (v) experienced the greatest population growth during that time, with 11.5 percent growth each. Table 4-7 displays the population and population differences from 1950 to 2010 in Cayuga County.

Table 4-7. Cayuga County Population Trends, 1950 to 2010

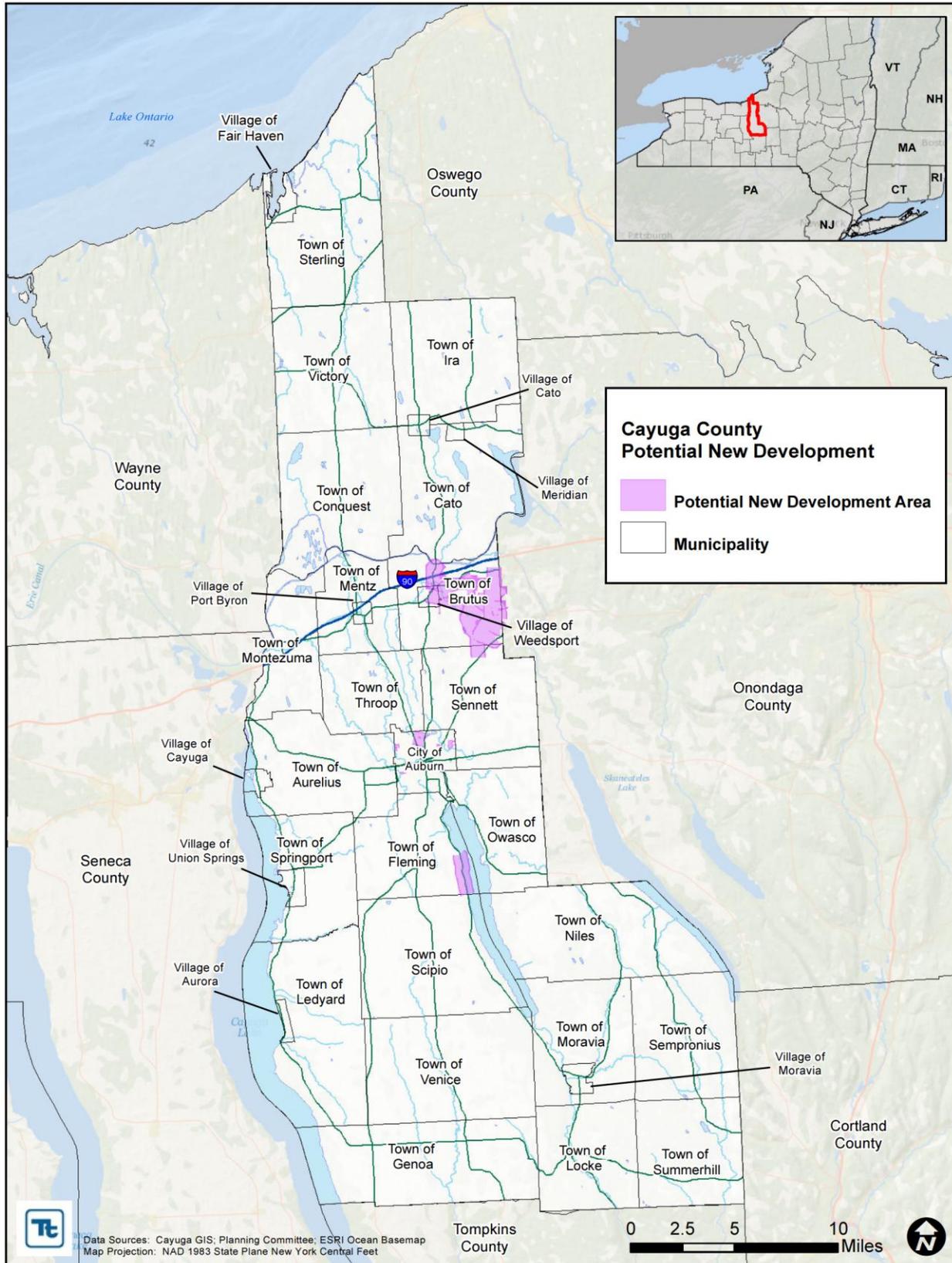
Year	Population	Change in Population	Percent (%) Population Change
1950	70,136		
1960	73,942	3,806	5.4%
1970	77,439	3,497	4.7%
1980	79,894	2,455	3.2%
1990	82,313	2,419	3.0%
2000	81,961	-352	-0.4%
2010	80,026	-1,935	-2.4%

Source: CNYRPDB, Date Unknown

### Future Growth and Development

New development in Cayuga County is limited to a few areas in Cayuga County as noted in the figure below. Potential development may be guided by the Cayuga County Land Use Plan and local planning and zoning regulations in conjunction with the findings of the hazard mitigation plan.

Figure 4-12. Potential New Development in Cayuga County



Source: Cayuga County GIS; Planning Committee



**Critical Facilities**

A comprehensive inventory of critical facilities in Cayuga County was developed from Cayuga County Geographic Information Systems (GIS) data, and was reviewed by the Steering Committee and municipal representatives. The inventory presented in this section represents the current state of the Cayuga County HMP facility database at the time of publication of this HMP and as used for the risk assessment in Section 5.

**Essential Facilities**

This section provides information on emergency facilities, hospital and medical facilities, shelters, schools, and senior care and living facilities.

**Emergency Facilities**

For the purposes of this Plan, emergency facilities include Emergency Operation Centers (EOC), Police, Fire and Emergency Medical Services (EMS). Tables 4-8 through 4-11 provide an inventory of EOC, police stations, fire stations and EMS facilities in Cayuga County. Figure 4-13 displays the location of these facilities as based on the project critical facility inventory.

Table 4-8. Emergency Operation Centers in Cayuga County

Name	Address	Municipality	RCV	Building Type	Backup Power
E-911 (Cayuga County Public Safety Building)	7445 County House Rd, Auburn NY, 13021	Town of Sennett	TBD	Concrete	Yes (Generator and battery)
Cayuga County Office Building	160 Genesee Street, Auburn NY 13021	City of Auburn	\$3,141,900	Steel and Masonry	Yes (Generator and battery)

Source: Cayuga County GIS

Notes:

RCV = Replacement cost value.

TBD = To be determined

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Table 4-9. Police Stations in Cayuga County

Name	Address	Municipality	Type	RCV	Building Type*	Backup Power
Auburn Police Department	46 North St.	Auburn (City)	Municipal	\$1,461,512	Brick	Yes
Cayuga County Public Safety Building	7445 County House Rd.	Sennett (Town)	Cayuga County Sheriff's Department	\$3,618,500	Concrete	Yes
New York State Police Barracks	1551 Clark Street Rd.	Aurelius (Town)	State	\$647,100	Wood	TBD
Moravia Justice Center	48 W Cayuga St.	Moravia (Village)	State	\$165,500	Brick and Wood	TBD
Port Byron Village Hall	52 Utica St	Port Byron (Village)	Municipal	\$482,700	Concrete	Yes
Weedsport Village Hall	8892 South St.	Weedsport (Village)	Municipal	\$582,382	Brick	No

Source: Cayuga County GIS

Notes: \*HAZUS-MH 2.1 default building type

C = City

RCV = Replacement cost value

T = Town

V = Village

Table 4-10. Prisons in Cayuga County

Name	Address	Municipality	Type	Number Inmates	RCV	Building Type*	Backup Power
Auburn Correctional Facility	135 State Street	Auburn (City)	Male, Maximum, State	1,800	\$47,023,500	Concrete	Yes
Cayuga Correctional Facility	2202 State Route 38A	Moravia (Town)	Male, Medium, State	1,082 capacity	\$30,384,500	Concrete	Yes
Cayuga County Jail	7445 County House Rd.	Sennett (Town)	Male and Female, County	214 beds	\$3,618,500	Concrete	Yes

Source: Cayuga County GIS

Table 4-11. Fire and EMS Stations in Cayuga County

Name	Address	Municipality	Type	RCV	Building Type*	Backup Power
TLC Ambulance	165 North Street	Auburn (City)	EMS	\$129,500	Concrete	Yes
Rural Metro	150 York Street	Auburn (City)	EMS	\$167,000	Concrete	No
Auburn Fire Department #1 Afd	23 Market St	Auburn (City)	Fire	\$2,779,997	Concrete	Yes
Auburn Fire Department #3 Afd	296 Clark St	Auburn (City)	Fire	\$286,400	Concrete	Yes
Aurelius Fire Department #1	6320 Half Acre Rd	Aurelius (Town)	Fire	\$268,000	Post & Beam	Yes
Aurelius Fire Department #2	712 Clark Street Rd	Aurelius (Town)	Fire	\$169,100	Post & Beam	Yes
Aurora Fire Department	456 Main Street	Aurora (Village)	EMS	\$258,000	Concrete	Yes
Village Of Aurora Fire Department	456 Main St	Aurora (Village)	Fire	\$258,000	Concrete	Yes
DIRT Ambulance (Boundless Racing, Inc.)	1 Speedway Drive	Brutus (Town)	EMS	\$603,566	Concrete	N/A
Village Of Meridian Fire Department #2	10185 Jordan Rd	Cato (Town)	Fire	\$6,200	Concrete	No
Cato-Ira-Meridian-Victory Ambulance Corp., Inc.	2496 West Main Street	Cato (Village)	EMS	\$134,300	Concrete	Yes
Cato Substation And Village Garage	2564 Millard Av	Cato (Village)	Fire	\$0	Concrete	N/A
Village Of Cato Fire Department	2569 E Main St	Cato (Village)	Fire	\$160,800	Post & Beam	Yes
Cayuga Fire Department	6233 Court Street	Cayuga (Village)	EMS	\$219,600	Concrete and wood	Yes
Village Of Cayuga Fire Department	6233 Court St	Cayuga (Village)	Fire	\$219,600	Concrete	Yes
Conquest Fire Company, Inc.	10351 Slayton Road	Conquest (Town)	EMS	\$165,200	Post & Beam	Yes
Conquest Fire Department	10351 Slayton Rd	Conquest (Town)	Fire	\$165,200	Concrete	Yes
Fair Haven Ambulance	14447 Fair Haven Road	Fair Haven (Village)	EMS, Fire	\$696,600	Post & Beam	Yes
Village Of Fair Haven Fire Department	14432 Fair Haven Rd	Fair Haven (Village)	Fire	\$32,900	Wood	Yes
Fleming Fire Company #2	5024 State Route 34	Fleming (Town)	EMS	\$104,221	Post & Beam	Yes
Fleming Fire Company #1	6063 West Lake Road	Fleming (Town)	EMS	\$100,666	Post & Beam	Yes
Fleming Fire Department #2	5024 Route 34	Fleming (Town)	Fire	\$104,221	Post & Beam	Yes
Fleming Fire Department #1	6063 W Lake Rd	Fleming (Town)	Fire	\$100,666	Post & Beam	Yes
Genoa Fire Department	10015 Route 90	Genoa (Town)	Fire	\$88,000	Post &	Yes

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Name	Address	Municipality	Type	RCV	Building Type*	Backup Power
					Beam	
King Ferry Fire Department	1011 Route 34B	Genoa (Town)	Fire	\$198,000	Post & Beam	TBD
Ira Fire Department	12591 Route 176	Ira (Town)	Fire	\$202,000	Post & Beam	Yes
Locke Fire Department	900 Main St	Locke (Town)	Fire	\$169,500	Post & Beam	Yes
Village Of Meridian Fire Department #1	11375 Ferris Rd	Meridian (Village)	Fire	\$295,300	Post & Beam	No
Montezuma Fire Department	8115 High St	Montezuma (Town)	Fire	\$115,385	Post & Beam	Yes
Four Town First Aid Squad, Inc.	109 Main Street	Moravia (Village)	EMS	\$137,000	Post & Beam	Yes
Village Of Moravia Fire Department	38 Keeler Av	Moravia (Village)	Fire	\$383,100	Post & Beam	Yes
New Hope Fire Department #1	5947 New Hope Rd	Niles (Town)	Fire	\$2,300	Post & Beam	Yes
West Niles Fire Department	3956 Valentine Rd	Niles (Town)	Fire	\$251,600	Post & Beam	Yes
Owasco Fire Department #1	7174 Owasco Road	Owasco (Town)	EMS	\$998,768	Brick	Yes
Owasco Fire Department #1	7174 Owasco Rd	Owasco (Town)	Fire	\$998,768	Brick	Yes
Owasco Fire Department #2	4881 Twelve Corners Rd	Owasco (Town)	Fire	\$228,877	Wood	Yes
Port Byron Fire Department	50 Utica Street	Port Byron (Village)	EMS	\$482,700	Concrete	Yes
Village Of Port Byron Fire Department	50 Utica St	Port Byron (Village)	Fire	\$482,700	Concrete	Yes
Scipio Fire Department	3550 Route 34	Scipio (Town)	Fire	\$178,570	Post & Beam	Yes
Sempronius Fire Department	2284 Route41A	Sempronius (Town)	Fire	\$153,900	Post & Beam	Yes
Sennett Fire Department #2	3526 Franklin Street Rd	Sennett (Town)	Fire	\$1,156,500	Post & Beam	Yes
Sennett Fire Department #1	3155 Turnpike Rd	Sennett (Town)	Fire	\$239,500	Brick	No
Throop Fire Department	7159 Beech Tree Road	Throop (Town)	EMS	\$524,000	Concrete	Yes
Throop Fire Department	7159 Beech Tree Rd	Throop (Town)	Fire	\$524,000	Concrete	Yes
Union Springs Fire Department	257 Cayuga Street	Union Springs (Village)	EMS	\$1,480,398	Concrete	Yes
Union Springs Fire Department	257 Cayuga Street	Union Springs (Village)	Fire	\$1,480,398	Concrete	Yes



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Name	Address	Municipality	Type	RCV	Building Type*	Backup Power
Southern Cayuga Instant Aid, Inc.	2530 State Route 34B	Venice (Town)	EMS	\$95,300	Concrete	No
Long Hill Fire Department	3513 Long Hill Rd	Venice (Town)	Fire	\$40,000	Concrete	Yes
Poplar Ridge Fire Department	2423 Route 34B	Venice (Town)	Fire	\$117,300	Concrete	No
Victory Fire Department	12001 Route 38	Victory (Town)	Fire	\$97,600	Post & Beam	Yes
Weedsport Fire Department	8892 South Street	Weedsport (Village)	EMS	\$582,382	Brick	No
Village Of Weedsport Fire Department	8892 South St	Weedsport (Village)	Fire	\$582,382	Brick	No

Source: Cayuga County GIS  
 \*HAZUS-MH 2.1 default building type  
 C= City  
 RCV = Replacement cost value  
 T = Town  
 V = Village



**Hospitals and Medical Centers**

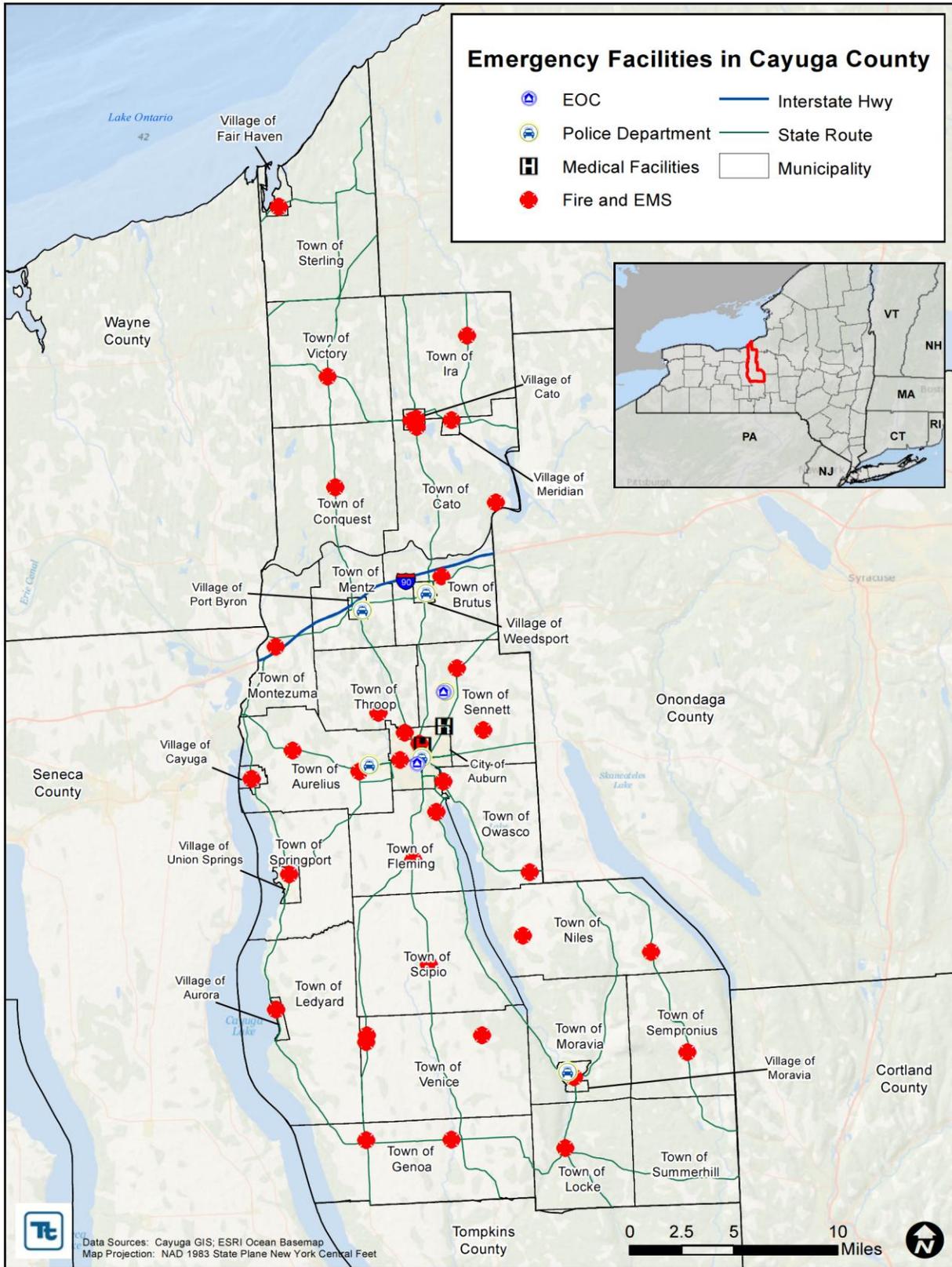
Table 4-12 provides an inventory of hospitals and major medical facilities in Cayuga County. These are displayed in Figure 4-13.

Table 4-12. Medical Facilities in Cayuga County

<b>Name</b>	<b>Address</b>	<b>Municipality</b>	<b>Replacement Cost</b>	<b>Building Type*</b>	<b>Backup Power</b>
Fingerlakes Medical Care Center	303 Grant Ave	Auburn (City)	\$270,900	Brick	TBD
Auburn Community Hospital	17 Lansing St	Auburn (City)	\$21,266,200	Brick	Yes

Source: Cayuga County GIS  
 \*HAZUS-MH 2.1 default building type  
 C = City  
 TBD = To be determined

Figure 4-13. Emergency Facilities in Cayuga County



Source: Cayuga GIS

**Shelters**

Table 4-14 provides an inventory of Red Cross shelters in Cayuga County provided by Cayuga County GIS. In the event of an emergency, it is best to consult your municipality to find out where to seek shelter. Table 4-13 provides information on one additional shelter not currently listed by the American Red Cross, which is located in the Town of Niles. The Town of Niles town office basement has been modified to be handicapped accessible, with his/her bathrooms with showers, a full size kitchen with large platter size refrigerator, two stoves with cooktops, and a large area for shelter placement. It also has a stand-by generator. Figure 4-14 shows the location of all known shelters within Cayuga County.

Table 4-13. Shelter in Cayuga County (not a Red Cross Shelter)

Facility	Address	Municipality	Primary Contact	Phone	Capacity	Cost (Structural Value)	Building Type	Back Up Power (Y/N)
Niles Town Hall	5923 New Hope Road	Niles (Town)	Ricky Slangle, Supervisor	315-497-0066	TBD	\$536,200	Frame	Yes, Standby generator

Source: Cayuga County GIS

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Table 4-14. Sheltering Agreements with the American Red Cross in Cayuga County

Facility	Address	Municipality	Primary Contact	Phone	Capacity	Cost (Structural Value)	Building Type	Back Up Power (Y/N)
Auburn Armory	174 South St Auburn, NY 13021	Auburn	Captain Joe Valentino	518-860-9141	600/300	\$1,695,000	Brick	Yes
Auburn High School	250 Lake Ave Auburn, NY 13021	Auburn	Larry Garuccio	315-277-0403	1600/800	\$17,016,000	Brick	Yes
Casey Park Elementary	101 Pulaski St Auburn, NY 13021	Auburn	Larry Garuccio	315-277-0403	1100/550	\$2,719,000	Brick	Yes
Cayuga Community College	197 Franklin St Auburn, NY 13021	Auburn	Kevin Drayer	315-294-8538	500/250	\$10,951,800	Brick	No(Backup battery lighting only)
Cayuga/Onondaga BOCES	1879 W Genesee St Rd Auburn, NY 13021	Auburn	Mark Snyder, Larry Garuccio	315-255-7683	200/100	\$23,069,600	Brick	Yes
Cayuga Seneca Community Action Agency, Inc.	1 Brookfield Place Auburn, NY 13021	Auburn	Laurie Piccolo	315-729-4555	39/19	\$668,700	Brick	No
Auburn Junior High School	191 Franklin St Auburn, NY 13021	Auburn	Larry Garuccio	315-277-0403	1700/850	\$3,933,200	Brick	Yes
First Presbyterian Church	112 South St Auburn, NY 13021	Auburn	Janet Cole	315-246-2187	84/42	\$541,600	Brick	No
Genesee Elementary School	244 Genesee St Auburn, NY 13021	Auburn	Larry Garuccio	315-277-0403	400/200	\$1,858,200	Brick	Yes
Herman Ave Elementary School	2 N Herman Ave Auburn, NY 13021	Auburn	Larry Garuccio	315-277-0403	1080/540	\$1,653,900	Brick	Yes
Owasco Elementary School	66 Letchworth St Auburn, NY 13021	Auburn	Larry Garuccio	315-277-0403	1000/500	\$1,518,882	Brick	Yes
Seward Elementary School	52 Metcalf Drive Auburn, NY 13021	Auburn	Larry Garuccio	315-277-0403	1400/700	\$3,949,900	Brick	No
Sennett Federated Church	7777 Weedsport-Sennett Rd Auburn, NY 13021	Auburn	George Marshall	315-252-5028	400/200	\$274,800	Frame	No



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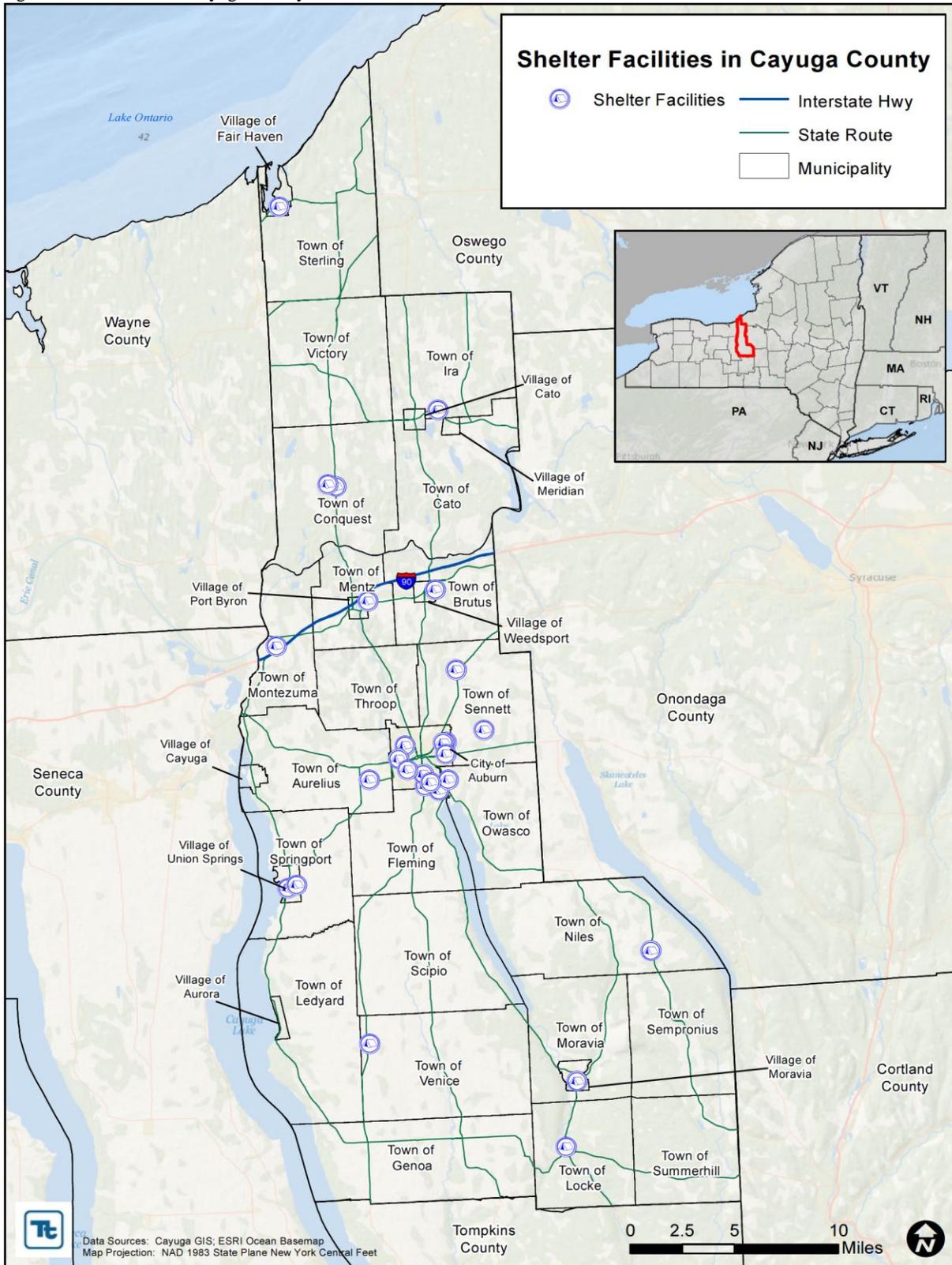
Facility	Address	Municipality	Primary Contact	Phone	Capacity	Cost (Structural Value)	Building Type	Back Up Power (Y/N)
Sennett Fire Department	3526 Franklin St Rd Auburn, NY 13021	Auburn	Bill Haynes	315-252-3993	81/40	\$1,156,500	Brick	Yes
Southern Cayuga High School	2384 Poplar Ridge Aurora, NY 13026	Aurora	Patrick Jensen Kevin Baylor	315-364-7211	1200/600	\$66,100	Brick	Yes
Cato Meridian High School	2851 SR 370 Cato, NY 13033	Cato	Noel Patterson Jeff Smith	315-744-3077 315-506-9834	1666/833	\$17,123,600	Brick	Yes
Fair Haven Volunteer Fire Company	14447 Fair Haven Rd Fair Haven, NY 13064	Fair Haven	Roger Granatiero	315-947-5112 315-246-1905	99/40	\$696,600	Frame	Yes
Locke Town Hall & Fire Station	900 Main St, SR 38 Locke, NY 13092	Locke	Ray Dyer	315-497-0595	150/75	\$169,500	Frame	No
Montezuma Fire Department	8115 High St Montezuma, NY 13117	Montezuma	Michael Dailey Joseph Wollek	315-776-9795 315-604-7360	274/137	\$115,385	Brick	Yes
Moravia Central Schools	68 S. Main St Moravia, NY 13118	Moravia	Jeffrey Carmichael	315-406-4495	450/225	\$6,861,300	Brick	No
Conquest Fire Department	10351 Slayton Rd Port Byron, NY 13140	Port Byron	Jim Burke Gerald Youngs	315-776-4512 315-406-4251	52/13	\$165,200	Brick	Yes
Conquest Municipal Court	1289 Fuller Rd Port Byron, NY 13140	Port Byron	Charles Knapp	315-776-8031	86/43	\$472,800	Brick	No
Port Byron Central School District	30 Maple Ave Port Byron, NY 13140	Port Byron	Corey Rooker, Bob Warrick	315-776-5728	3000/1500	\$10,785,900	Brick	Yes
Trinity United Church of Christ	163 Cayuga St Union Springs, NY 13160	Union Springs	Michele Pantoliano	315-889-7302	172/86	\$251,209	Brick	No
Union Springs Academy	40 Spring St Union Springs, NY 13160	Union Springs	Steve Fraker	315-406-8270	700/350	\$2,536,667	Brick	No
Weedsport Central High School	2821 E. Brutus St Weedsport, NY 13166	Weedsport	Shaun O'Connor	315-834-6637	1400/700	\$6,570,083	Brick	No

Source: Cayuga County GIS

Notes: \*HAZUS-MH 2.1 default building type  
C = City; V = Village; T = Town  
TBD = To be determined



Figure 4-14. Shelters in Cayuga County



Source: Cayuga County GIS

## Schools

Table 4-15 provides an inventory of schools in Cayuga County. Figure 4-15 displays the distribution of these facilities.

Table 4-15. Schools in Cayuga County

Name	Address	Municipality	Type of Facility	Enroll	Designated Shelter	RCV	Building Type*	Backup Power
Cayuga County Community College	197 Franklin St.	Auburn (City)	EDU2		Yes	\$10,951,800	Brick	No-battery back-up for lighting for ½ hr.
Auburn High School	250 Lake Ave.	Auburn (City)	EDU1	1422	Yes	\$17,016,000	Brick	Yes
Casey Park Elementary School	101 Pulaski St.	Auburn (City)	EDU1	449	Yes	\$2,719,000	Brick	Yes
Auburn Junior High School	191 Franklin St.	Auburn (City)	EDU1	638		\$3,933,200	Brick	Yes
Genesee Elementary School	244 W Genesee St.	Auburn (City)	EDU1	296	Yes	\$1,858,200	Brick	Yes
Herman Avenue Elementary School	2 N Herman Ave.	Auburn (City)	EDU1	604		\$1,653,900	Brick	Yes
West Middle School-VACANT	217 W Genesee St.	Auburn (City)	EDU1	0		\$3,399,600	Masonry	Yes
William H. Seward Elementary School	52 Metcalf Ave.	Auburn (City)	EDU1	464	Yes	\$3,949,900	Brick	No
St. Joseph School	89 E Genesee St.	Auburn (City)	EDU1			\$1,008,600	Brick	TBD
Ss. Peter & Paul School	134 Washington St.	Auburn (City)	EDU1			\$554,800	Brick	TBD
Tyburn Academy	17 Clymer St.	Auburn (City)	EDU1			\$471,900	Brick	TBD
Cayuga-Onondaga B.O.C.E.S. School	1879 W Genesee St. Rd.	Aurelius (Town)	EDU1	614	Yes	\$23,069,600	Masonry	Yes

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Name	Address	Municipality	Type of Facility	Enroll	Designated Shelter	RCV	Building Type*	Backup Power
Wells College	170 Main St.	Aurora (Village)	EDU2			\$4,834,200	Brick	TBD
Peachtown Elementary School	22 Deans Rd.	Aurora (Village)	EDU1			\$380,900	Brick and Wood	TBD
Weedsport Junior-Senior High School	2821 E Brutus St.	Brutus (Town)	EDU1	421	Yes	\$2,548,461	Brick	No
Cayuga Elementary School	255 Wheat St.	Cayuga (Village)	EDU1	237		\$1,310,500	Brick	No
Conquest Parochial School	973 Fuller Rd.	Conquest (Town)	EDU1			\$227,500	Wood	TBD
Cato-Meridian Senior High School	2851 Rt. 370	Ira (Town)	EDU1	314	Yes	\$17,123,600	Brick	Yes
Cato-Meridian Elementary-Middle School	11544 Rt. 370	Ira (Town)	EDU1	681		\$17,123,600	Brick	Yes
A.A. Gates Elementary School Leslie B. Lehn Middle School Port Byron Senior High School	30 Maple Ave.	Mentz (Town)	EDU1	1028	Yes	\$10,785,900	Brick	Yes
Moravia Junior-Senior High School	68 S Main St.	Moravia (Village)	EDU1	503	Yes	\$6,861,300	Brick	No
Millard Fillmore Elementary School	50 S Main St.	Moravia (Village)	EDU1	449		\$6,843,500	Brick	No
Owasco Elementary School	66 Letchworth St.	Owasco (Town)	EDU1	365	Yes	\$1,518,882	Brick	Yes
Montessori School	6734 County Rte. 86	Sennett (Town)	EDU1			\$318,000	Masonry	TBD



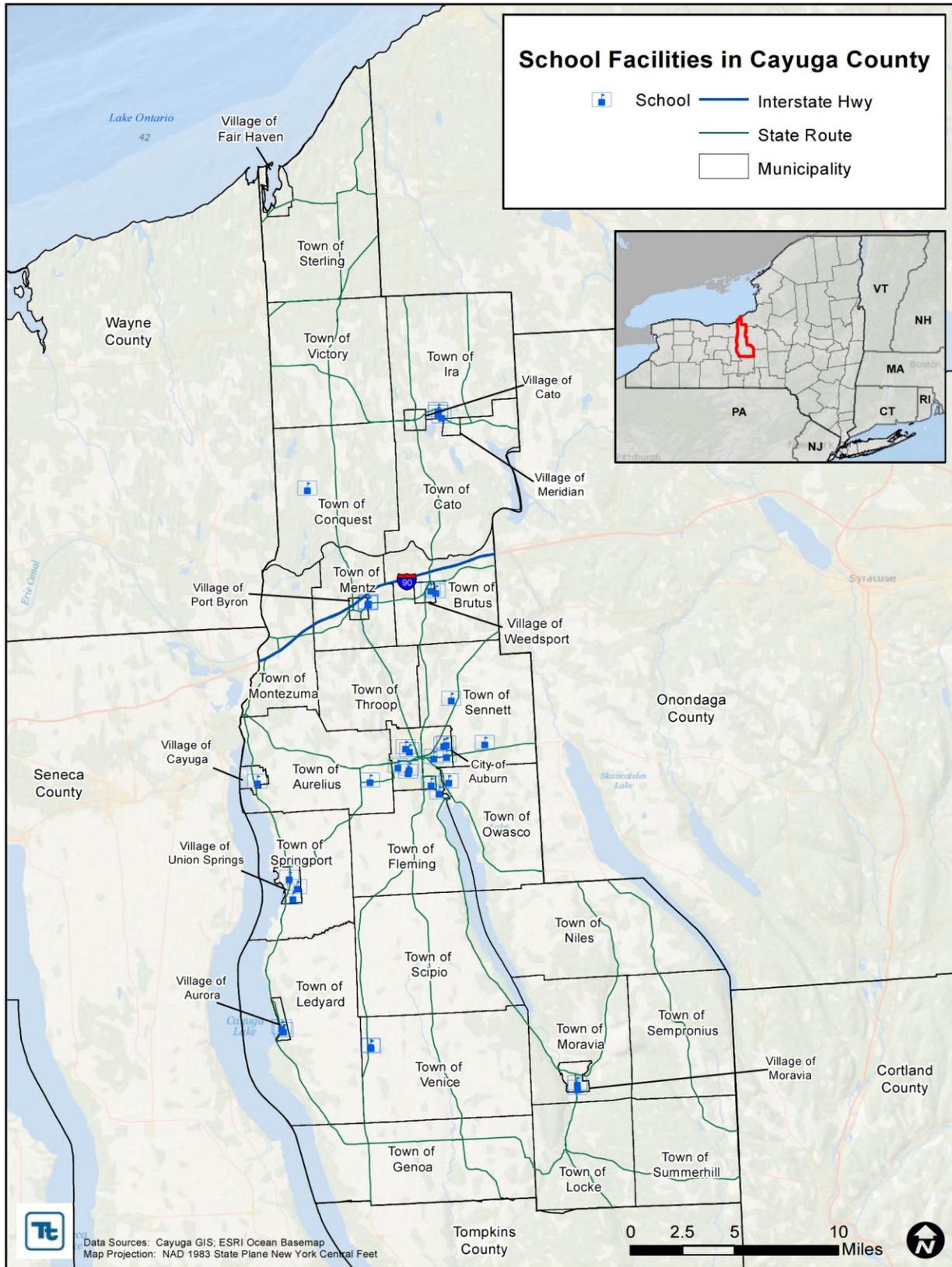
Name	Address	Municipality	Type of Facility	Enroll	Designated Shelter	RCV	Building Type*	Backup Power
Hillside Children's Center	7432 County House Rd.	Sennett (Town)	EDU1			\$7,242,100	Brick	TBD
Union Springs Middle School	239 Cayuga St.	Union Springs (Village)	EDU1	457		\$3,916,261	Brick	No
Andrew J. Smith Elementary School	26 Homer St.	Union Springs (Village)	EDU1	197		\$2,463,864	Masonry	No
Union Springs Academy		Union Springs (Village)	EDU1			\$2,536,667	Masonry	TBD
Southern Cayuga Middle High School (pre-K through Grade 12)	2384 Route 34B	Venice (Town)	EDU1	768	Yes	\$66,100	Brick	Yes
Weedsport Elementary School	8954 Jackson St.	Weedsport (Village)	EDU1	433		\$6,570,083	Masonry	No

Source: Cayuga County GIS  
 \*HAZUS-MH 2.1 default building type

- C = City
- T = Town
- V = Village
- EDU1 = School
- EDU2 = College/University
- RCV = Replacement Cost Value
- TBD = To be determined



Figure 4-15. Schools in Cayuga County



Source: Cayuga County GIS



### Senior Care and Senior Living Facilities

Table 4-16 provides an inventory of senior facilities in Cayuga County. Figure 4-16 displays the distribution of these facilities.

Table 4-16. Senior Facilities in Cayuga County

Name	Address	Municipality	RCV	Building Type	Backup Power
Northbrook Apartments	177 Murray St	Auburn (City)	\$1,368,600	Concrete	TBD
Northbrook Heights Home For Adults	170 Murray St	Auburn (City)	\$2,266,700	Brick	TBD
Auburn Nursing Home	85 Thornton Av	Auburn (City)	\$1,449,300	Brick	TBD
Westminster Manor	81 South St	Auburn (City)	\$752,600	Brick/Wood	TBD
Schwartz Towers	90 North St	Auburn (City)	\$1,893,800	Brick	TBD
Faatz-Crofut Home	46 Grant Av	Auburn (City)	\$1,189,000	Brick	TBD
Restmour Home For Adults	61 Seymour St	Auburn (City)	\$208,000	Wood	TBD
Finger Lakes Center For Living	20 Park Av	Auburn (City)	\$7,599,900	Brick	TBD
Boyle Center	149 Genesee St	Auburn (City)	\$1,218,500	Brick	TBD
Stryker Homes	2 Loop Rd	Auburn (City)	\$4,290,000	Concrete	TBD
Mercy Health And Rehab Center	3 St Anthony St	Auburn (City)	\$8,962,300	Brick	TBD
Bluefield Manor	Bluefield Manor Apts 56 Manor House Dr.	Auburn (City)	\$4,489,100	Wood	TBD
Hillview Terrace	2446 Hillview Terrace	Cato (Village)	\$520,000	TBD	TBD
Salato Gardens	100 Salato Ln	Cayuga (Village)	\$775,000	TBD	TBD
Morning Glory Home For Adults	680 Main St	Fair Haven (Village)	\$141,600	Wood	TBD
Fair Haven Senior Apartments	14615 Lake St	Fair Haven (Village)	\$1,214,600	Wood	TBD
Millstream Court	24 Aurora St	Moravia (Village)	\$1,475,000	Brick	TBD
Northwoods	7 Keeler Av	Moravia (Village)	\$87,600	Wood	TBD
Village Elder Care	175 N Main St	Moravia (Village)	\$147,300	Wood	TBD
Glen House Eldercare	8 S Main St	Moravia (Village)	\$102,100	Wood	TBD
Church Street Apartments	27 Church St	Port Byron (Village)	\$25,400	Brick	TBD
Cayuga County Nursing Home	7451 County House Rd	Sennett (Town)	\$3,023,100	Brick	TBD
Fox Lane Apartments	215 Fox Ln	Union Springs (Village)	\$656,476		TBD
Evergreen Heights W/De Paul	8939 Oakland St	Weedsport (Village)	\$869,918	Brick	TBD
Village Manor Apartments	2757 East St	Weedsport (Village)	\$369,903	Wood/Brick	TBD

Source: Cayuga County GIS

C = City

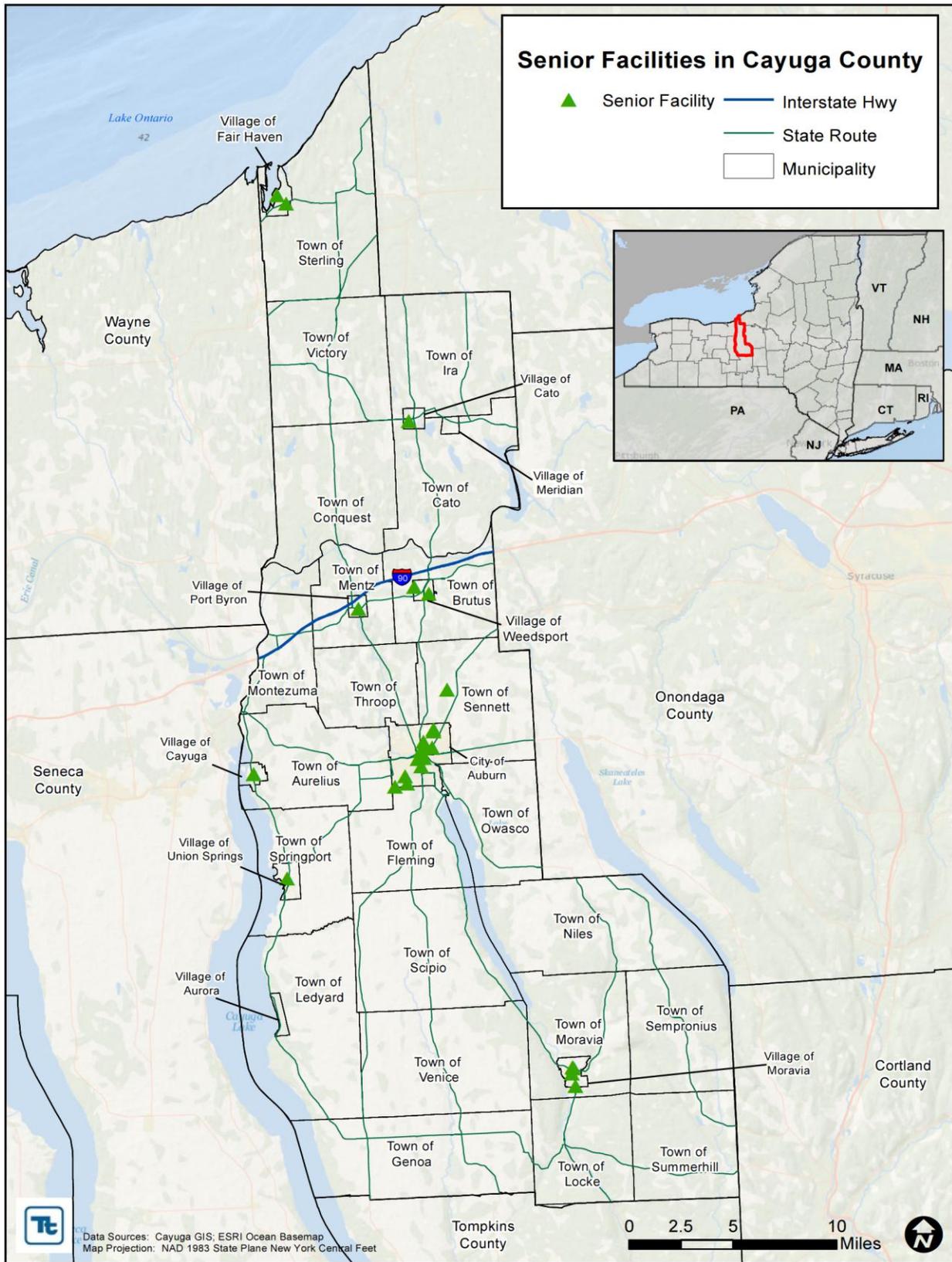
T = Town

V = Village

RCV = Replacement Cost Value

TBD = To be determined

Figure 4-16. Senior Facilities in Cayuga County



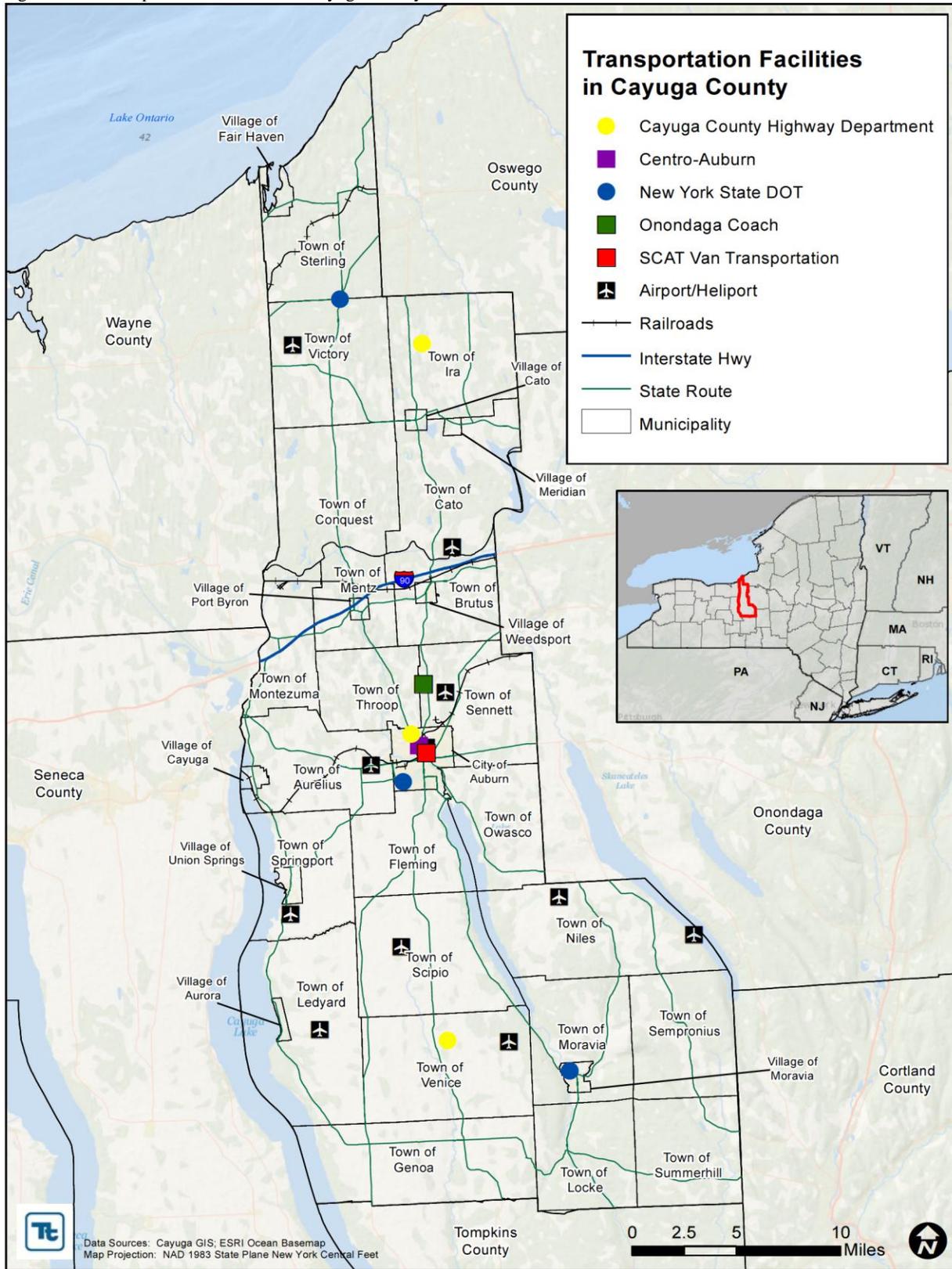
Source: Cayuga County GIS



## **Transportation Systems**

This section presents available inventory data for roadways, airports, railways and other transportation systems for Cayuga County. Figure 4-17 shows regional transportation systems serving Cayuga County.

Figure 4-17. Transportation Facilities in Cayuga County



Source: Cayuga County GIS



## Highway, Roadways and Associated Systems

Table 4-17 below lists the Department of Transportation facilities/offices located in Cayuga County.

Table 4-17. Transportation Facilities in Cayuga County

Name	Address	Municipality	Replacement Cost	Backup Power
Cayuga County Highway Department	91 York Street	Auburn	\$616,100	Yes
Cayuga County Highway Department	2667 Ira Station Road	Ira	\$121,800	Yes
Cayuga County Highway Department	2942 Long Hill Road	Venice	\$669,000	Yes
City of Auburn	358 Genesee Street	Auburn	\$1,875,277	Yes
Town of Aurelius	1241 W Genesee St Rd	Aurelius	\$500,000	TBD
Village of Aurora	456 Main Street	Aurora (V)	\$258,000	TBD
Town of Brutus	2890 Towpath Rd	Brutus (T)	\$111,078	TBD
Town of Cato	11320 Shortcut Road	Cato (T)	\$188,100	TBD
Village of Cato	2564 Millard Street	Cato (V)	\$76,700	TBD
Village of Cayuga	6148 Cemetery Ln	Cayuga (T)	\$6,700	TBD
Town of Conquest	10373 Slayton Rd	Conquest (T)	\$229,500	TBD
Village of Fair Haven	14523 Cayuga St	Fair Haven (V)	\$174,400	TBD
Town of Fleming	2433 Dublin Rd	Fleming (T)	\$199,998	TBD
Town of Genoa	10127 State Route 90	Genoa (T)	\$183,200	TBD
Town of Ira	12475 Bradt Rd	Ira (T)	\$136,300	TBD
Town of Ledyard	1099 Poplar Ridge Rd	Ledyard (T)	\$207,000	TBD
Town of Locke	12167 Water Street State Route 90	Locke (T)	\$106,200	TBD
Town of Mentz	14 Sponable Dr	Mentz (T)	\$215,400	TBD
Village of Meridian	11320 Shortcut Road	Meridian (V)	\$188,100	TBD
Town of Montezuma	8177 Chapman Rd	Montezuma (T)	\$156,593	TBD
Town of Moravia	8 West Ave	Moravia (V)	\$206,100	TBD
Village of Moravia	22 Central St	Moravia (V)	\$276,300	TBD
Town of Niles	5921 New Hope Rd	Niles (T)	\$900,000	Yes
Town of Owasco	6346 E Lake Rd	Owasco (T)	\$441,013	TBD
Village of Port Byron	30 Clark Street Port Byron	Port Byron (V)	\$4,545,100	TBD
Town of Scipio	3705 State Route 34	Scipio (T)	\$227,651	TBD
Town of Sempronius	2274 State Route 41A	Sempronius (T)	\$238,200	TBD
Town of Sennett	6931 Cherry Street Rd	Sennett (T)	\$709,300	TBD
Town of Springport	4859 State Route 326	Springport (T)	\$554,878	TBD
Town of Sterling	1272 State Rte. 104 A	Sterling (T)	\$1,239,800	TBD

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Name	Address	Municipality	Replacement Cost	Backup Power
Town of Summerhill	6465 Creech Rd	Summerhill (T)	\$205,200	TBD
Town of Throop	7471 Robinson Rd	Throop (T)	\$254,800	TBD
Village of Union Springs	27 Creamery Rd	Union Springs (V)	\$451,788	TBD
Town of Venice	Long Hill Rd	Venice (T)	\$80,000	TBD
Town of Victory	1323 Town Barn Rd	Victory (T)	\$50,600	TBD
Village of Weedsport	2621 Earl St	Weedsport (V)	\$1,849,516	TBD
New York State DOT	40 Keeler Ave	Moravia (V)	\$383,100	TBD
New York State DOT	Dunning Ave.	Auburn (T)	\$301,100	TBD
New York State DOT	Route 38	Victory (T)	\$870,300	TBD
New York Thruway	Thruway Exit 40	Brutus (T)	\$500,000	TBD
New York Thruway	Rest Stop Thruway MM310	Mentz (T)	\$1,043,955	TBD

Source: Cayuga County GIS  
 C = City  
 T = Town  
 V = Village  
 TBD = To be determined

**Airports and Heliports**

Table 4-18 provides a list of airports in Cayuga County, with the locations provided above in Figure 4-17.

Table 4-18. Airports in Cayuga County

Name	Municipality	Type	Owner	Replacement Cost	Backup Power
Public Safety Building	Auburn (City)	Heliport	Private	TBD	TBD
Auburn Memorial Hospital	Auburn (City)	Heliport	Private	TBD	TBD
New York State Police	Aurelius (Town)	Heliport	Private	TBD	TBD
Whitfords	Cato (Town)	Airport	Public	TBD	TBD
Match Mate	Ledyard (Town)	Airport	Private	TBD	TBD
Murphy Field	Niles (Town)	Airport	Private	TBD	TBD
Maus Marineland	Niles (Town)	Seaplane Base	Public	TBD	TBD
Killian Airfield	Scipio (Town)	Airport	Private	TBD	TBD
St Bernard Field	Springport (Town)	Airport	Private	TBD	TBD
Owasco Airport	Venice (Town)	Airport	Private	TBD	TBD
Paradise	Victory (Town)	Airport	Private	TBD	TBD

Source: Cayuga County GIS  
 C = City  
 T = Town  
 V = Village

## Railway

There are approximately 53 miles of railroad in Cayuga County. This includes rail operated by CSX Transportation/New York Central Railroad (used by Amtrak) and Norfolk Southern Railroad/Fingers Lake Railway. On Cayuga County's western border, the CSX/Amtrak line crosses the Seneca River and the Finger Lakes Railway crosses Cayuga Lake.

HAZUS-MH uses a default replacement value of \$890,000 per mile of rail, thus based on this valuation there is over \$47M of railroad in Cayuga County.

There are no ferry or light-rail systems in Cayuga County.

## Public Transportation

Table 4-19. Public Transportation in Cayuga County

Name	Municipality	Type	Owner	Replacement Cost	Backup Power
Centro-Auburn	5 Frank Smith St., Auburn, NY 13021	Monday –Saturday clover system. Each bus serves all four routes in succession. Also service east to Weedsport, Elbridge, Skaneateles and Syracuse.	TBD	\$583,500	TBD
Onondaga Coach	7659 N Street Road, Auburn, NY 13021	14 motor coaches ranging in seating from 47, 55, 56. Bus charter tours.	TBD	\$754,800	TBD
SCAT Van Transportation	17 Nelson St., Auburn, NY 13021	Monday–Friday Transportation Project for Cayuga County Inc. Nine fully accessible vans offering door-to-door transport for elderly and disabled. Suggested donation of \$3.00 within City of Auburn. \$4.00 outside.	TBD	\$580,300	TBD

Source: Cayuga County GIS

## Lifeline Utility Systems

This section presents potable water, wastewater, and energy resource utility system data. Due to heightened security concerns, local utility lifeline data sufficient to complete the analysis have only partially been obtained.

**Potable Water Supply**

Table 4-20. Potable Water Facilities in Cayuga County

Water System Name	Municipality served	Population Served	System Component	Primary Water Source Type	Capacity (MGD)	Classification	Water System ID
Auburn (City)	Auburn (City)	44,000	Treatment Plant & Storage Tank	Surface	12		
			Intake (located in Owasco)				
			Storage Tank (located in Sennett)				
Cayuga (Village)	Cayuga (Village)	600	Treatment Plant	Surface	0.06		
			Intake				
			Storage Tank				
Brutus (Town)	Brutus (Town)	1200	Storage Tank	Surface, Purchased			
			Treatment Plant				
Cato (Village)	Cato (Village)	601	Well	Ground	0.022		
			Treatment Plant				
			Storage Tank				
			Storage Tank				
Fair Haven (Village)	Fair Haven (Village)	1000	Storage Tank	Ground	0.25		
			Storage Tank (located in Sterling)				
			Well #1, #2, #3 & Treatment Plant (located in Sterling)				
Fleming (Town)	Fleming (Town)	1800	Storage Tank #1-Mill St.	Surface, Purchased			
			Storage Tank #2-Stone School Rd.				
			Treatment Plant				
Genoa (Town)	Genoa (Town)	900	Treatment Plant & Well #1, #2A, #2B, #4	Ground	0.10		
			Storage Tank-Genoa				
			Storage Tank-King Ferry				
Locke (Town)	Locke (Town)	600	Main Well and Treatment Plant	Ground	0.03		
			Storage Tank				

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Water System Name	Municipality served	Population Served	System Component	Primary Water Source Type	Capacity (MGD)	Classification	Water System ID
			Backup Well and Treatment Plant				
Dudley	Meridian (Village) and Cato (Village)	200	Wells #7, #8, #10, #11, #14 and #15. Treatment Plant	Ground	0.10		
Montezuma (Town)	Montezuma (Town)	490	Storage Tank	Surface, Purchased			
			Treatment Plant				
Moravia (Village)	Moravia (Village)	2950	Storage Tank	Ground	0.475		
			Storage Tank				
			Wells #2,#3, and #4 and Treatment Plant				
Owasco (Town)	Owasco (Town)	3000	Intake	Surface	1.5		
			Treatment Plant and Storage Tank				
			Storage Tank-Melrose Rd.				
			Storage Tank-Martin Rd.				
Port Byron (Village)	Port Byron (Village)	1400	Storage Tank	Surface, Purchased			
Sennett (Town)	Sennett (Town)	1497	Storage Tank	Surface, Purchased			
Springport (Town)	Springport (Town)	200	Storage Tank	Surface, Purchased			
			Treatment Plant				
			Storage Tank				
Union Springs (Village)	Union Springs (Village)	2000	North Well, South Well & Treatment Plant	Ground	0.35		
			Storage Tank-Center St.				
			Storage Tank				
Wells College	Aurora (Village)	826	Storage Tank	Surface	0.1		
			Treatment Plant				
			Intake				
			Storage Tank				

Source: Cayuga County GIS

C = City; T = Town; V = Village

TBD = To be determined

Note: All facilities have back-up generators.



## Wastewater Facilities

Figure 4-18 shows the locations of sewer service areas, treatment plants and pump stations in Cayuga County which are summarized in Tables 4-21 and 4-22 below.

Table 4-21. Wastewater Treatment Facilities in Cayuga County

Name	Address	Municipality	RCV	Backup Power
City of Auburn Sewage Treatment Plant	35 Bradley Street, Auburn, NY	Auburn (City)	\$46,346,919	Yes
City of Auburn Sewerage Retention Facility	232 North St R / (John Walsh Blvd)	Auburn (City)	\$2,814,414	Yes
City of Auburn CSO (05)	2-38 Wadsworth St	Auburn (City)	\$743,050	No
City of Auburn CSO (07)	41-55 Washington St. (Venice St)	Auburn (City)	\$743,050	No
City of Auburn CSO (029A)	20-24 Genesee St	Auburn (City)	\$717,645	No
City of Auburn CSO (17)	9 Owasco St. (Miller St)	Auburn (City)	\$764,362	No
Village of Cayuga Sewage Plant (proposed)	6879 Route 90, Cayuga, NY	Aurelius (Town)	\$43,203,600	TBD
Village of Cayuga Sewage Treatment Facility	Entrance is across from 6521 Route 90, Cayuga, NY	Aurelius (Town)	TBD	TBD
Village of Aurora Sewage Treatment Plant	12 Main Street, Aurora, NY	Aurora (Village)	\$1,470,000	TBD
Village of Moravia Sewage Treatment Plant	83 Aurora Street, Moravia, NY	Moravia (Village)	\$968,800	TBD
Village of Port Byron Sewage Treatment Plant	30 Clark Street, Port Byron, NY	Port Byron (Village)	\$4,545,100	TBD
Village of Union Springs Sewage Treatment Plant	27 Creamery Road, Union Springs, NY	Union Springs (Village)	\$451,788	TBD
Village of Weedsport Sewage Treatment Plant	2621 Earl Street, Weedsport, NY	Weedsport (Village)	\$1,849,516	TBD

Source: Cayuga County GIS

Table 4-22. Sewer Pump Stations in Cayuga County

Name	WWTP	Municipality	RCV	Backup Power
Canoga St	City of Auburn	Auburn (City)	\$60,000	TBD
Allen St	City of Auburn	Auburn (City)	\$40,000	TBD
John Walsh Blvd (Walmart)	City of Auburn	Auburn (City)	\$40,000	TBD
Aurelius Sewer Pump Station	City of Auburn	Aurelius (Town)	\$274,200	TBD
Fair Haven Sewer Pump Station	Red Creek Regional Wastewater Treatment Facility	Fair Haven (Village)	\$119,900	TBD
Fair Haven Sewer District #2 (Proposed-10 pump stations planned)	Red Creek Regional Wastewater Treatment Facility	Fair Haven (Village)	TBD	TBD
Owasco and Oakridge	City of Auburn	Owasco	\$260,675	No

Name	WWTP	Municipality	RCV	Backup Power
Martin Point	City of Auburn	Owasco	TBD	No
Burtis Point	City of Auburn	Owasco	\$12,360	No
Owasco Rd. and Stryker	City of Auburn	Owasco	\$105,955	No
Archie St. Severe High Flow Pump	City of Auburn	Owasco	TBD	Yes
Pump Road CCSWA	Village of Weedsport	Brutus	\$105,331	TBD
Quincy Hill Drive	City of Auburn	Sennett	\$192,600	TBD
Pump Station	City of Auburn	Sennett	TBD	TBD

Source: Cayuga County GIS  
 C = City  
 T = Town  
 V = Village  
 WWTP= Wastewater Treatment Plant

**Energy Resources**

Electric Service in Cayuga County is provided by National Grid and RG & E (owned by NYSEG.) Tables 4-23 and 4-24 identify electric power generation and substations in Cayuga County, as compiled in the critical facility database developed for this plan. Cayuga County also identified petroleum and natural gas lines present in Cayuga County. Due to the sensitive nature of this data, it is not discussed further in this HMP.

Table 4-23. Electric Power Generation Facilities in Cayuga County

Name	Municipality	Capacity	Cost	Backup Power
North Division Street Dam	Auburn (City)		\$1,523,800	TBD
NYSEG Peaking Plant	Auburn (City)		\$4,555,000	TBD
Auburn Landfill Gas Electric Generators Facility	Auburn (City)	2 MW	\$3,028,097	TBD
Mill Street Dam	Auburn (City)		\$1,842,900	TBD
Cayuga County Regional Digester	Cayuga County SWCD	633 KW	\$11,000,000	No

Source: Cayuga County GIS  
 C = City  
 TBD = To be determined

Table 4-24. Electric Substations in Cayuga County

Name	Municipality	Capacity	Cost	Backup Power
Substation (Wright Ave)	Auburn (City)	TBD	\$3,300,000	TBD
Substation (State St)	Auburn (City)	TBD	\$7,055,873	TBD
Substation (Clark St)	Auburn (City)	TBD	\$206,921	TBD
Substation (N. Green St)	Auburn (City)	TBD	\$1,155,171	TBD
Substation (Swift St)	Auburn (City)	TBD	\$108,806	TBD
Substation	Cayuga (Village)	TBD	\$172,385	TBD

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Name	Municipality	Capacity	Cost	Backup Power
Substation	Genoa (Town)	TBD	\$250,965	TBD
Substation	Ledyard (Town)	TBD	\$213,081	TBD
Substation	Locke (Town)	TBD	\$246,609	TBD
Substation	Moravia (Village)	TBD	\$443,467	TBD
Substation	Owasco (Town)	TBD	\$149,455	TBD
Substation	Port Byron (Village)	TBD	\$152,671	TBD
Substation	Scipio (Town)	TBD	\$83,675	TBD
Substation	Sennett (Town)	TBD	\$346,834	TBD
Substation	Springport (Town)	TBD	\$109,369	TBD
Substation	Victory (Town)	TBD	\$244,172	TBD
Substation	Victory (Town)	TBD	\$70,100	TBD
Substation	Weedsport (Village)	TBD	\$312,086	TBD
Niles Substation .5 mile East of county line in Onondaga County on State Route 38A	Located in the Town of Skaneateles but supplies electric to Town of Niles	TBD		TBD

Source: Cayuga County GIS

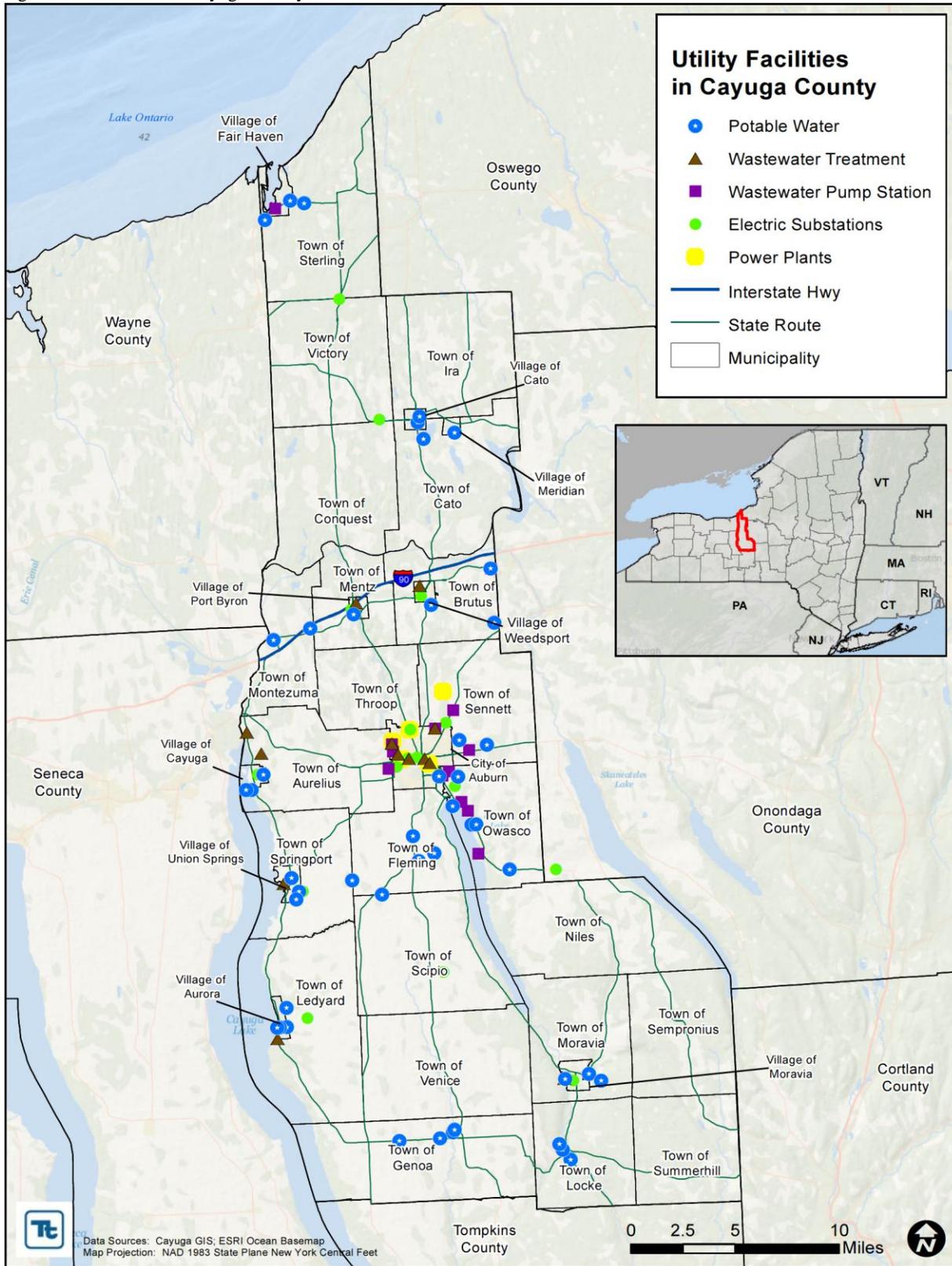
C = City

T = Town

V = Village

TBD = To be determined

Figure 4-18. Utilities in Cayuga County



Source: Cayuga County GIS



### Communication Resources

Table 4-25 below summarizes the communication facilities in Cayuga County. Figure 4-19 displays these facilities.

Table 4-25. Communication Facilities in Cayuga County

Name	Address	Municipality	Description	Pop. Served	Replacement Cost	Back Up Power (Y/N)
Tower	108 Osborne St	Auburn (City)	Emergency Radio Communications Tower	TBD	\$367,679	Yes
Tower	Route 90	Aurelius (Town)	Emergency Radio Communications Tower (current system)	TBD	TBD	Yes
Tower	10966 Route 34	Cato (Town)	Emergency Radio Communications Tower	TBD	TBD	Yes
Tower	1514 Main Rd	Locke (Town)	Emergency Radio Communications Tower	TBD	TBD	Yes
Tower	3749 Quarry Rd	Niles (Town)	Emergency Radio Communications Tower	TBD	TBD	Yes
Microwave	Quarry Road, Frozen Ocean	Niles (Town)	Microwave	TBD	\$57,000	TBD
Ham Radio	Grange Hall/Quarry Road	Niles (Town)	Ham Radio	TBD	TBD	TBD
Tower		Ovid (Village, Seneca County)	Emergency Radio Communications Tower	TBD	\$103,200	Yes
Tower	7445 County House Rd	Sennett (Town)	Emergency Radio Communications Tower	TBD	TBD	Yes
Tower	1054 East Lake Road	Spafford (Town, Onondaga County)	Emergency Radio Communications Tower	TBD	TBD	Yes
Tower	behind 1209 Old State Rd	Sterling (Town)	Emergency Radio Communications Tower	TBD	TBD	Yes
Tower	6465 Creech Rd	Summerhill (Town)	Emergency Radio Communications Tower	TBD	TBD	Yes
Tower	1328 Indian Field Road	Venice (Town)	Emergency Radio Communications Tower	TBD	\$138,500	Yes

Source: Cayuga County GIS

Figure 4-19. Communication Facilities in Cayuga County



Source: Cayuga County GIS



## High-Potential Loss Facilities

High-potential loss facilities include dams, levees, nuclear power plants, military installations and hazardous materials (HAZMAT) facilities. No nuclear power plants were identified in Cayuga County. Dams, military, and HAZMAT facilities are discussed below.

### Dams

There are nine dams in Cayuga County and one outside (Seneca Falls) included in Cayuga County's inventory, as illustrated on Figure 4-20. Only one of the dams is considered a Hazard Category 1 "high-hazard" dam that requires an Emergency Action Plans (EAPs). Further information on dams in Cayuga County can be found in Section 5.4.3, flood hazard profile.

Table 4-26. Dams in Cayuga County

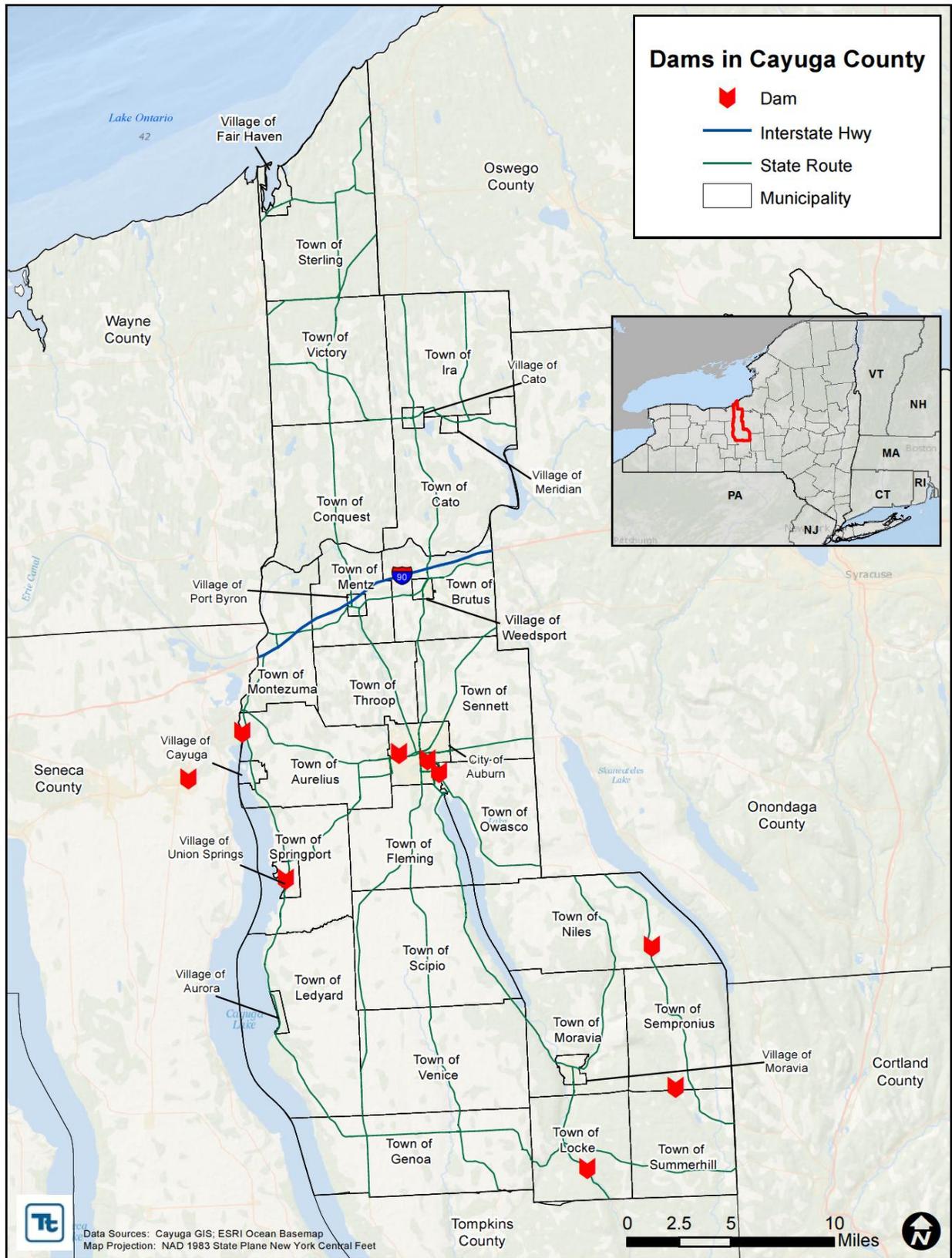
Name	Municipality	River	Nearest Population (NP)	Distance to NP (miles)	Dam Type	Purpose	Year Completed	Owner	Downstream Hazard	Emergency Plan (Y/N)	Last Inspected
Mill Street Dam	Auburn (City)	Owasco River	City of Auburn	0.4	Concrete gravity	Hydro-electric	Rehab in 1998	Auburn (City)	Genesee St. Bridge, Fire and Police Dept., Auburn Residences	Yes	8/8/2007
Owasco Lake Outlet Dam (State Dam)	Auburn (City)	Owasco River	City of Auburn	1.3	Concrete gravity	Control of Lake Level and river flow	Repaired 1972	Auburn (City)	Diner	In process	8/6/2009
North Division St Dam	Auburn (City)	Owasco River	None	-	Concrete	Hydro-Electric	~1978	Auburn (City)	City Bridges		3/11/2008
Sterling Valley Dam	Sterling (Town)	Sterling Valley Creek upstream of Route 104A	None	-	Masonry	Fire Protection	Unknown		Route 104A		8/6/2009
Seneca Falls Dam; C/S Locks 2 and 3	Seneca Falls (Village) Outside Cayuga County	Cayuga-Seneca Canal	River Road, Aurelius	4	Concrete	Seneca River Flow	1913		River Road, Aurelius		8/9/2011
Mud Lock Dam	Aurelius (Town)	Cayuga Lake and Seneca River	River Road, Aurelius	Adjacent	Concrete	Controls Cayuga Lake level	1912	New York State	Routes 5 and 20, Thruway		8/9/2011

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Name	Municipality	River	Nearest Population (NP)	Distance to NP (miles)	Dam Type	Purpose	Year Completed	Owner	Downstream Hazard	Emergency Plan (Y/N)	Last Inspected
						and Seneca River Flow		Canal Corp.			
New Hope Glen Haven Rd.	Niles (Town)	Bear Swamp Creek	None	-	Masonry	Hydropower	1850		Glen Haven Road		8/10/2011
Robert Alcorn Dam	Locke (Town)	Tributary to Owasco Inlet	Town of Locke	1.6 miles	Earth	Recreation	1998		Town of Locke		6/23/1998
Lauren Hopkins Dam	Sempronius (Town)	Dresserville Creek	Lake Como Road, Sempronius	0.3 miles	Earth	Recreation	1976		Lake Como Road		Unknown
Mill Dam	Union Springs	Tributary to Cayuga Lake	Adjacent	Adjacent	Unknown	Former Hydropower	Unknown		Waste Water Treatment Plant		8/9/2011

Source: National Inventory of Dams and NYSDEC Inventory of Dams; Dates Inspected from NYSDEC database.

Figure 4-20. Dams in Cayuga County



Source: Cayuga County GIS; Planning Committee



### Other Facilities (User Defined)

The user-defined facilities category includes all assets that the Steering Committee and participating municipalities deemed critical to include in the inventory and that do not fit within a pre-defined HAZUS-MH facility category. These facilities include municipal halls and County-owned buildings, etc. Table 4-27 below lists all user-defined facilities identified in Cayuga County.

Table 4-27. User Defined Facilities in Cayuga County

Name	Address	Municipality	Type	RCV	Building Type	Backup Power
City Hall	24 South St	Auburn (City)	City Hall	\$1,269,200	Stone/Brick	No
County Courthouse	152 Genessee Street	Auburn (City)	Courthouse			
City Court	157 Genessee Street	Auburn (City)	Courthouse			
Town Hall	1241 W Genessee Street Rd	Aurelius (Town)	Town Hall	\$745,600	Concrete/Post and Beam	TBD
Village Hall	456 Main St	Aurora (Village)	Village Hall	\$258,000	Wood	TBD
Ira Town Hall	2487 W Main St	Cato (Village)	Village Hall	\$158,900	Post and Beam	TBD
Village Hall (Cato)	2564 Millard St	Cato (Village)	Village Hall	\$76,700	Post and Beam	TBD
Village Hall	6205 Railroad St	Cayuga (Village)	Village Hall	\$115,000	Wood	TBD
Town Hall	1289 Fuller Rd	Conquest (Town)	Town Hall	\$472,800	Brick and Wood	TBD
Village Hall	14523 Cayuga St	Fair Haven (Village)	Village Hall	\$174,400	Post and Beam	TBD
Town Hall	2433 Dublin Rd	Fleming (Town)	Town Hall	\$199,998	Post and Beam	TBD
Town Hall	1000 Bartnick Rd	Genoa (Town)	Town Hall	\$223,600	Post and Beam	TBD
Town Hall	1099 Poplar Ridge Rd	Ledyard (Town)	Town Hall	\$207,000	Post and Beam	TBD
Town Clerk's Office	703 Route 38	Locke (Town)	Town Clerk's Office	\$97,800	Post and Beam	TBD
Town/Village Hall	11320 Short Cut Rd	Meridian (Village)/Town of Cato	Town/Village Hall	\$188,100	Post and Beam	TBD
Town Hall	8102 Dock St	Montezuma (Town)	Town Hall	\$79,231	Post and Beam	TBD
Town Hall	139 Main St	Moravia (Village)	Town Hall	\$45,600	Brick	TBD
Town Hall	5923 New Hope Rd	Niles (Town)	Town Hall	\$536,200	Wood	TBD
Town Hall	2 Bristol Ave	Owasco (Town)	Town Hall	\$282,585	Brick	TBD
Village Hall	2 Central St.	Moravia (Village)		\$0	Wood	TBD
Town Hall	14 Sponable Dr.	Port Byron (Village)	Town Hall	\$270,800	Brick	TBD

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Name	Address	Municipality	Type	RCV	Building Type	Backup Power
Village Hall	52 Utica St	Port Byron (Village)	Village Hall	\$482,700	Concrete	TBD
Town Hall	3705 Route 34	Scipio (Town)	Town Hall	\$227,651	Post and Beam	TBD
Town Hall	2481 Route 41A	Sempronius (Town)	Town Hall	\$215,900	Concrete/Wood	TBD
Town Hall	6931 Cherry Street Rd	Sennett (Town)	Town Hall	\$709,300	Post and Beam	TBD
Town Hall	4859 Route 326	Springport (Town)	Town Hall	\$554,878	Post and Beam	TBD
Town Hall	1290 Route 104A	Sterling (Town)	Town Hall	\$205,400	Wood	TBD
Town Hall	13606 Route 90	Summerhill (Town)	Town Hall	\$197,100	Wood	TBD
Town Hall	7471 Robinson Rd	Throop (Town)	Town Hall	\$254,800	Post and Beam	TBD
Village Hall	26 Chapel St	Union Springs (Village)	Village Hall	\$246,524	Wood	TBD
Town Hall	2479 Route 34	Venice (Town)	Town Hall	\$80,000	Wood and Concrete	TBD
Town Hall	1323 Town Barn Rd	Victory (Town)	Town Hall	\$50,600	Post and Beam	TBD
Town Hall (Brutus)	9021 N Seneca St	Weedsport (Village)	Town Hall	\$277,427	Brick	TBD
Village Hall	8892 South St	Weedsport (Village)	Village Hall	\$582,382	Brick	TBD

Source: Cayuga County GIS