

## Equity Project Summary

This report identifies groups experiencing various functional and access needs who may be at higher risk of threats and hazards, as well as specific circumstances that might impact an individual's ability to respond quickly and appropriately before, during, and after an emergency. The data are not exhaustive, are points in time, fluctuate, and have very large margins of error in small towns. [Census Bureau Data](#). The aim of this report is to begin identifying trends, vulnerabilities, and strategies that are likely to increase equity in access and outcomes among all individuals for emergency response information and resources as well as to provide data that can be used by each Western Mass community to plan for emergencies. Full reports available at [Equity in Emergency Management | WRHSAC](#)

## Hampshire County Specific Equity Concerns

Hampshire County has a population of 162,5888 with twenty independent municipalities ranging in size from a few hundred residents to almost 30,000. The county is known for its five prestigious colleges, and is split by a major river, creating what are known locally as rural East Hampshire and the more populated West Hampshire. The Connecticut River is subject to flooding roads and bridges and bisects many communities. Although 81% of residents are non-Hispanic White, there are significant minority populations as well. With its large student population, Hampshire is unique in Western Mass with a median age lower than the State's but with a larger percentage over 60, making it a priority to plan for both demographics.

## Western Mass Hazard Vulnerability Assessments

In the past, the Massachusetts Emergency Management Agency, the Western Region Homeland Security Advisory Council, the Public Health Emergency Preparedness Coalitions, and the Health and Medical Coordinating Coalition have conducted Hazard Vulnerability and Threat and Hazard Identification Risk Assessments to identify the most likely threats and how likely they are to occur. The Mass 2013 & 2018 State Hazard Mitigation Plans also list threats and vulnerabilities to consider. [ocn921510011.pdf](#). ([Massachusetts Integrated State Hazard Mitigation and Climate Adaptation Plan | Mass.gov](#)).

## Hampshire County Specific Hazards, Threats, Concerns, and Vulnerabilities

Hampshire County has a significant number of people living with a disability or who do not speak English as a first language. It also has a large elderly population. These individuals are at higher risk in emergencies as compared to the general population. There are also local concerns about limited cell service and the lack of public transportation options for daily living needs, even though only 2,200 people report not having a vehicle. These risk factors may be compounded by individuals' physical and mental health, access to social support systems and limited financial resources.

## Hampshire County Specific Hazards, Threats, Concerns, and Vulnerabilities

- **Disabilities:** At least 15,000 individuals in the county have one or more disabilities, which can impact their physical or mental ability to respond appropriately and quickly to an emergency or evacuation orders. Over 1,000 are medically dependent on electricity.
- **Transportation & Climate:** Individuals with mobility disabilities, the elderly, and those without vehicles are at greater risk during emergency evacuations or when access to vaccinations is needed. Increased flooding, storms, and other climate-related risks compound transport issues.
- **Health:** Hampshire County, particularly Northampton, experiences high rates of mental health hospitalization, homelessness, and overdoses.
- **Socioeconomic Status:** People who are single parents, living alone, rent overburdened or experiencing food insecurity are a concern. Lack of housing and access to healthy foods were a constant theme throughout the county.

## Towns of Middlefield: Selected Population Characteristics Contributing to Inequities in Emergencies

**Summary:** Middlefield is a very small town in Hampshire County with a very low population density. The population is significantly older and has a slightly lower Median Household Income than the rest of the county. There are no data available for people who depend on electricity for their medical devices. With around 60 residents living with one or more disabilities and 160 aged 60 and over, there are likely several and 85% of children live in poverty. The old, the young and those living alone, in poverty, or with disabilities are more likely to need extra help in emergencies.

	Total Population			Land Area		Children 9 and Under		People 60 – 69 Years Old		People 70+ Years Old		Medicare Electrically Dependent - Middlefield	
	Number of People	Median Age	Median Household Income	Sq. Miles	People Per Sq. Mile	Number of People	% of Population	Number of People.	% of Population	Number of People	% of Population	# of Medicare Beneficiaries	# Electrically Dependent
Middlefield	319	60.5	\$80,875	24.1	13.2	1	0.3	136	42.6	29	9.1	N/A	N/A
Hampshire Co.	162,588	37.3	\$82,078	527.2	308.4	11,943	7.3	21,138	13.0	21,266	13.1	37,803	1,046
Massachusetts	6,981,974	40.3	\$94,488	7,800.9	895.0	702,092	10.1	885,484	12.7	853,387	12.2	1,423,062	40,208

N/A – Not Available or Unknown

Source: US Census [Hampshire County, MA - Profile data - Census Reporter](#) [Middlefield Town city, Hampshire County, MA - Profile data - Census Reporter](#)

Source: Electrically Dependent [HHS emPOWER Map](#)

Source: WMHMCC 2019/2020, [Western MA HMCC Hampshire County Vulnerable Population Data \(region1hmcc.org\)](#) 2023 [Emergency Preparedness Planning Tool \(region1hmcc.org\)](#)

	No Vehicle		Below Poverty Level		Less than 9th-Grade Education		Over 65 who live alone		No English Spoken		One Disability		Two Disabilities	
	Number of People	% of Population	Number of People	% of Population	Number of People	% of Population	Number of People	% of Senior Population	Number of People	% of Population	Number of People	% of Population	Number of People	% of Population
Middlefield	0	0.0	19	6.0	2	0.6	20	21.7	0	0.0	38	11.9	22	6.9
Hampshire Co.	2,162	1.3	16,890	10.4	1,494	0.9	7,245	23.0	391	0.2	9,634	5.9	7,412	4.6

	Vision Difficulty		Self-Care Difficulty		Independent Living Difficulty		Cognitive Difficulty		Hearing Difficulty		Ambulatory Difficulty	
	Number of People	% of Population	Number of People	% of Population	Number of People	% of Population	Number of People	% of Population	Number of People	% of Population	Number of People	% of Population
Middlefield	3	0.9	0	0.0	10	3.1	31	9.7	34	10.7	17	5.3
Hampshire Co.	2,155	1.3	9,184	5.6	6,088	3.7	6,444	4.0	4,580	2.8	7,453	4.6

## Environmental Justice Areas [Source2020: Environmental Justice Populations in Massachusetts | Mass.gov](#) Risk Factors [Hampshire County, MA - Profile data - Census Reporter](#)

Geographic Area	Environmental Justice Area	% Minority Population Other than White Alone	Median Household Income as % of MA Inc.	% Children under18 Living in Poverty	% Seniors 65+ Living in Poverty
Middlefield	N/A	13.8%	85.6%	85.7%	0.0%
Hampshire Co.	5/20	18.8%	86.9%	7.4%	9.2%