

# EXECUTIVE SUMMARY

Mitigation should form the foundation of every emergency management agency’s plans and procedures. Emergency management agencies must adopt mitigation practices to reduce, minimize, or eliminate hazards in their community. In 2006, Carver County adopted the Carver County Hazard Mitigation Plan (HMP), which identified the hazards they faced, certain vulnerabilities to these hazards, and mitigation strategies for the future. The Carver County Multijurisdictional HMP is the update to this plan. The plan fulfills the requirements of the Federal Disaster Mitigation Act as administered by the Minnesota Division of Homeland Security and Emergency Management (HSEM) and the Federal Emergency Management Agency (FEMA).

The Carver County Multijurisdictional HMP is a guide for all communities that participated in its development. Participating municipalities include the cities of Carver, Chanhassen, Chaska, Cologne, Hamburg, Mayer, New Germany, Norwood Young America, Victoria, Waconia, and Watertown, and the townships of Benton, Camden, Dahlgren, Hancock, Hollywood, Laketown, San Francisco, Watertown, Waconia, and Young America. These communities were identified as participating in the 2006 Carver County HMP and have renewed their commitment for this HMP update.

Representatives from participating communities attended public meetings to discuss the hazards their communities face and the vulnerabilities those hazards present. Representatives from each participating municipality reviewed drafts of the HMP and added input to the mitigation strategies presented in the plan. Carver County citizens were also active participants in the development of the plan. Citizens attended public meetings that were advertised online and in news articles to share their concerns about hazards faced in the community and how to mitigate the effects of these hazards.

Carver County and its cities and townships understand the benefits of developing and implementing mitigation plans and strategies. Carver County elected officials, public safety organizations, planners, and many others have worked together to develop and implement this HMP, proving that they have the vision to implement mitigation practices and therefore reduce the loss of life and property in their communities.

## Plan Update

This plan serves as an update to the 2006 Carver County HMP. The community profile, hazard analysis, vulnerabilities, and mitigation strategies have all been updated to reflect changes in demographics, land use development, hazard occurrences, new critical facilities, and mitigation accomplishments since 2006. These revisions include updates of all graphics, including maps, tables, and other images.

## Hazard Analysis

The process of updating the Carver County HMP began with a review of the hazards faced in the community. Identifying the frequency of the hazard, impact potential, severity of damage, vulnerable critical facilities, and overall economic disruption, the Carver County Multijurisdictional Hazard Mitigation Planning Committee ranked the hazards as follows.

**Change from 2006 HMP:** Many hazards have been combined into one category. See section 4 for further details.

Hazard	Probability	Geographic Extent	Square Miles Affected	Warning Time	Property Damage	Vulnerable Critical Facilities	Economic Disruption
Severe summer storms	Highly likely	Community-wide	376	Minimal	Moderate to major	Communications, schools, medical care facilities, hospital, water/sewer/electric, transportation	Utility systems disrupted, business and residential impact, hail damage to crops, roads damaged/closed

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Hazard	Probability	Geographic Extent	Square Miles Affected	Warning Time	Property Damage	Vulnerable Critical Facilities	Economic Disruption
						infrastructure	
Tornadoes	Likely	Community-wide	376	Minimal	Major	Communications, schools, medical care facilities, hospital, water/sewer/electric, transportation infrastructure, businesses, residential homes	Utility lines down, medical care disruption
Severe winter storms	Highly likely	Countywide	376	More than 12 hours	Minor	Communications infrastructure, transportation infrastructure, medical care facilities, hospitals, schools, businesses, residential homes	Utility lines down, livestock threatened
Wildfires	Occasionally	Community-wide to countywide	280	Minimal	Minor to moderate	Communications infrastructure, transportation infrastructure, medical care facilities, hospitals, schools, businesses, residential homes	Agricultural, residential impact, road closures, utility impacts
Flooding	Likely	Community-wide	300	More than 12 hours	Moderate to major	Communications infrastructure, transportation infrastructure, medical care facilities, hospitals, schools, businesses, residential homes	Businesses, roads damaged/closed, utilities affected
Lightning	Likely	Localized	376	None	Minor	Communications infrastructure	Utilities affected
Hail	Likely	Community-wide	376	3–6 hours	Minor	Communications, schools, medical care facilities, hospital, water/sewer/electric, transportation infrastructure	Utility systems disrupted, business and residential impact, hail damage to crops, roads damaged/closed
Dam/levee failure	Unlikely	Community-wide	80	3–6 hours	Major	Communications infrastructure, transportation infrastructure, medical care facilities, hospitals, schools, businesses, residential homes	Businesses, roads damaged/closed, utilities affected
Drought	Likely	Countywide	376	More than 12 hours	Moderate to major	Agri-business	Agriculture, business and residential impact, fire suppression
Extreme temperatures	Likely	Countywide	376	More than 12 hours	Negligible	Medical care facilities, elderly care facilities	
Hazardous materials spills	Highly likely	Localized to community-wide	376	None to minimal	Moderate	Communications infrastructure, transportation infrastructure, medical care facilities, hospitals, schools, businesses, residential homes	Business/industry and residential impact, evacuation, environmental impact

Hazard	Probability	Geographic Extent	Square Miles Affected	Warning Time	Property Damage	Vulnerable Critical Facilities	Economic Disruption
Epidemics/pandemics	Likely	Countywide	376	More than 12 hours	Minor to moderate	Communications infrastructure, transportation infrastructure, medical care facilities, hospitals, schools, businesses, residential homes	Business/industry impact, health care system impact, and communications impact
Critical facilities and infrastructure failure	Occasionally	Localized to countywide	376	None to more than 12 hours	Minor to major	Communications infrastructure, utility infrastructure	Business/industry impact, health care system impact, and communications impact
Energy/fuel shortage	Occasionally	Countywide	376	More than 12 hours	Moderate	Communications infrastructure, utility infrastructure	Business/industry impact, health care system impact, and communications impact
Terrorism	Unlikely	Community-wide	376	None to minimal	Negligible to major	Communications infrastructure, transportation infrastructure, medical care facilities, hospitals, schools, businesses, residential homes	Utility systems disrupted, business and residential impact, evacuations, roads damaged/closed
Aircraft accidents	Occasionally	Localized	376	None	Minor to moderate	Businesses/residential homes	Business/industry impact