



# Keeping Minnesota Ready

FY 2012 **Annual Report**



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### Pictured on the front cover from left to right are:

Bob Berg, HSEM Exercise Officer | Joe Kelly, HSEM Deputy Director | Tim Leslie, Dakota County Chief Deputy  
Kris Eide, HSEM Director | Lt. Col Jeff Turner, Minn. National Guard | Jerry Rosendahl, State Fire Marshal  
Jim Halstrom, AMEM Exec. Director | Terry Stoltzman, Anoka County Emergency Manager  
Major Roger Tietz, DNR Enforcement | Randy Polzin, President Minn. State Fire Chiefs Association  
Brian Barott MnDOT Training Specialist | Dave Pecchia, Exec. Dir. Minnesota Chiefs of Police Association  
John Bowen, past AMEM President | Lois Anderson, HSEM Training Administrator



## From the Director

The old saying, “a disaster is no time to exchange business cards” couldn’t be more true. Even with the ease of email and social media, solid partnerships are best built face-to-face. Minnesota communities are more prepared and resilient than ever because the Minnesota Department of Public Safety Homeland Security and Emergency Management staff spent fiscal year 2012 meeting with our partners at the local, county and regional level to identify their hometown risks and determine how to reduce the chance of harm.

Minnesota’s resiliency is enhanced with well-trained professionals at all levels of emergency management. HSEM is committed to improving professionalism through the state’s newly opened Emergency Management Training Center, an exciting high-tech facility that allows jurisdictions to train together and exercise emergency management plans.

Well-equipped responders also help us be prepared. In December 2011, HSEM took on the responsibility of the Law Enforcement Support Office. This office helps local law enforcement obtain surplus military equipment that can include night vision goggles, generators, clothing, office furniture and weapons.

Each year, Minnesota emergency managers must put into place what they practice, and FY 2012 was no exception. In January, HSEM fully activated our State Emergency Operations Center for the first ever Alert at the Prairie Island Nuclear Generating facility. Working together we were able to provide public information to assure those in the affected area there was no risk to their health or safety.

Minnesota also had weather severe enough to qualify for two presidential major disaster declarations. HSEM activated our State Emergency Operations Center to assist communities suffering from damaging winds and flash flooding. Our commitment to helping local jurisdictions respond and recover is unwavering. HSEM staff members were in the affected areas quickly and continue to work with leaders in townships, cities, counties and tribal governments to help them access the assistance for which they are eligible.

Disaster presents an opportunity not only to rebuild but to rethink. HSEM wants Minnesota children to live in a better-prepared environment. HSEM has helped Minnesotans understand the benefits of the bureaucratic term Hazard Mitigation. In Wadena, community officials worked with HSEM and FEMA to secure funding for a safe room in the new high school. Students, who saw their old school destroyed in a violent storm, know their new school can withstand an F-5 tornado. Families in southeastern Minnesota took advantage of an acquisition program that helped them move out of an area that flooded year after year. Real results for real people and future savings for taxpayers.

In this annual report you will see how HSEM worked with our partners to effectively and efficiently provide all Minnesotans with prepared and resilient communities.

Sincerely,

Kris A. Eide, Director  
Minnesota Department of Public Safety  
Homeland Security and Emergency Management





# Division Overview



*In FY 2012 Minnesotans saw sinkholes and fallen forests*

*and found the Department of Public Safety Homeland Security and Emergency Management (HSEM) Division there to help in the response and recovery.*

## Our Vision

Keeping Minnesota Ready

## Our Mission

The mission of HSEM is to help Minnesota prevent, prepare for, respond to, and recover from natural and human-caused disasters. The primary purpose of the program is to build communities that are prepared to respond to emergencies and have the resilience to quickly recover from the effects of disaster.

## Our Core Values

- ▶ Professionalism
- ▶ Respect
- ▶ Integrity
- ▶ Dedication
- ▶ Effective Communication



## Funding

In FY 2012, HSEM focused on using every tax dollar wisely to provide exceptional service to our customers and improve the lives of Minnesotans. Staff embraced Governor Mark Dayton's concept that building a better government for

Minnesota requires new thinking. One example: the HSEM Recovery and Mitigation Branch unveiled a new process to more quickly get federal funds into the hands of communities impacted by disaster.

### Compensation and Operating Expenditures

<i>(Dollars in thousands)</i>	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012
General Fund	\$2,260	\$2,337	\$1,587	\$1,649	\$1,530
Special Revenue	\$872	\$895	\$1,724	\$2,417	\$1,904
Environmental Fund	\$67	\$69	\$69	\$69	\$69
Federal	\$5,249	\$5,987	\$6,688	\$5,679	\$5,165
<b>Total</b>	<b>\$8,448</b>	<b>\$9,288</b>	<b>\$10,068</b>	<b>\$9,814</b>	<b>\$8,668</b>

## Grants

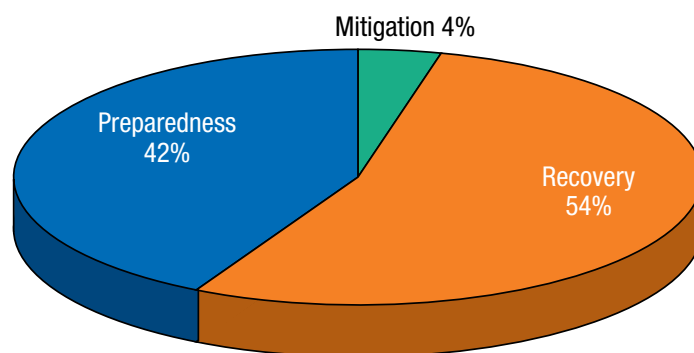
HSEM helps Minnesota communities carry out the four phases of emergency management by administering more than 15 state and federal grant programs. In FY 2012, HSEM awarded 402 grants totaling approximately \$80 million to more than 300 local governments and other entities.

Sources of federal grant money

- ▶ Department of Homeland Security
- ▶ Federal Emergency Management Agency
- ▶ Department of Commerce
- ▶ Department of Transportation

In FY 2012 the money passed on to local governments was divided among the emergency management phases:

### HSEM Grant Allocation by Emergency Management Phase\*



\* A small portion of preparedness and recovery grant expenditures include response activities



# Homeland Security

Increasing Minnesota's resilience against terrorism requires partnerships across the state at the local, county and federal level. In FY 2012, HSEM redoubled efforts in a number of key areas.

## Threat Hazard Identification Risk Assessment (THIRA) workshops

HSEM partnered with the U.S. Department of Homeland Security and traveled the state helping communities learn to identify critical infrastructure and key resources (CIKR). These are hometown assets: bridges, roads, water treatment plants and communication companies. Once the CIKR are identified, local officials can enter the data in a secure, web-based program and develop an all-hazards response and recovery plan.

## Minnesota Port and Waterway Security Working Group

In FY 2012 HSEM formed the Minnesota Port and Waterway Security Working Group. This initiative brings public and private partners across the state together to increase our resiliency on and near the water. Minnesota's Mississippi river ports (Minneapolis, St. Paul, Savage, Red Wing and Winona) handle more than 10 million tons of goods annually. The ports of Duluth, Taconite Harbor, Silver Bay and Two Harbors handle more than 60 million tons of trade every year.

## HSEM oversees programs supporting homeland security

- ▶ Operation Stonegarden for northern border protection
- ▶ Port Security
- ▶ Critical infrastructure protection
- ▶ Homeland Security Grant Programs, which provide the funding to prevent, respond to and recover from potential terrorist attacks and other hazards. They include:
  - CBRNE (chemical, biological, radiological, nuclear and high yield explosives)
  - Interoperable Communications
  - State Response Teams
- Mass Sheltering
- Metropolitan Medical Response System (MMRS)
- Cyber Security
- Citizen Corp (volunteer) Programs
- ▶ Urban Area Security Initiatives (UASI) in the 10 county metro area
- ▶ HSEM participates in homeland security groups:
  - Arrowhead Counter Terrorism Task Force (ACTTF)
  - East Metro WMD Community Task Force
  - Hennepin County Terrorism Early Warning (TEW) Group
  - FBI Joint Terrorism Task Force (JTTF)
  - Superior Integrated Border Enforcement Team







During FY 2012, Director Kris Eide continued a regional, cost-saving approach with state emergency response assets. HSEM oversees the following teams stationed strategically across Minnesota.

- ▶ 11 Chemical Assessment Teams (CATs)
- ▶ One Emergency Response Team (hazardous materials)
- ▶ Five Structural Collapse Teams (technical rescue) making up MN Task Force 1
- ▶ Four Bomb Squads
- ▶ Statewide Decontamination Program

The bomb squads responded to 122 calls outside their jurisdictions, including:

- ▶ “MacGyver” bombs
- ▶ Old dynamite and military ordnance
- ▶ Hand grenades

The CATs responded to 25 calls including:

- ▶ A train derailment in Plummer
- ▶ A chlorine leak in the metro area
- ▶ A chemical leak at a state hospital
- ▶ An unknown chemical at a north metro apartment building

The Structural Collapse Team responded to

- ▶ Parking ramp collapse at the Mall of America
- ▶ A trench collapse

HSEM is also teaching firefighters best practices for decontamination. Portable decontamination units are now located in communities across Minnesota. HSEM provided hands-on training demonstrations in four communities and various classes in FY 2012.





# Preparedness



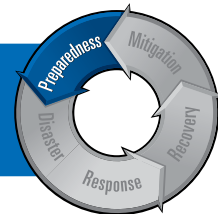
Being prepared is critical to protecting the people of Minnesota. For that reason, HSEM invests significant resources in planning, training and practicing response to both predictable and unpredictable events.



## Law Enforcement Surplus Office (LESO)

In December 2011, HSEM took on the oversight responsibility for a program that provides surplus military equipment to law enforcement agencies. LESO provides much more than weapons and ammunition. Office equipment, generators, robots, clothing and more are available. Agencies must register with the LESO and comply with federal regulations. Since acquiring the program, HSEM staff members have assisted agencies across Minnesota in obtaining more than \$1 million worth of surplus goods.





## Training and Exercise Program

HSEM is mandated to provide a state emergency management certification program. FY 2012 saw the much-anticipated opening of the Emergency Management Training Center at Camp Ripley.

The facility provides a centralized training site for city, county and state public safety professionals from across Minnesota. The latest technology and functional classroom space create a new opportunity for emergency personnel from many disciplines to receive advanced training together.

In FY 2012, 31 individuals became state-certified emergency managers through HSEM, having completed the required curriculum. HSEM also tracks state agency compliance with Minnesota Statutes, section 12.09, which requires state agencies included in the Minnesota Emergency Operations Plan (MEOP) to have at least one certified emergency manager. Of the 23 agencies, 15 are currently in compliance.

## 47th Annual Governor's Homeland Security and Emergency Management Conference

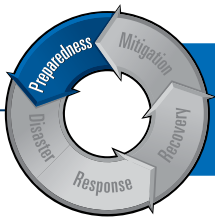
This year's Governor's Conference offered exceptional learning and networking opportunities to more than 400 emergency management professionals representing a wide variety of disciplines. Breakout sessions covered topics from agricultural security to social media; from tornado vulnerability patterns to measuring return on investment. Highlights included addresses by Gov. Mark Dayton, Public Safety Commissioner Mona Dohman, FEMA Region V Administrator Andrew Velasquez III, HSEM Director Kris Eide and Minnesota National Guard Brig. Gen. Neal G. Loidolt.

Keynote speaker Capt. Frank Duarte, incident commander for the Gabrielle Giffords shooting, shared insights on how to — and how not to — collaborate and coordinate a high-profile mass casualty event. Several certification classes were offered and 14 individuals received Minnesota emergency management training certificates following successful completion of roughly 250 hours of classroom and independent study.

## Emergency Planning and Community Right-to-Know Act (EPCRA) Program

The EPCRA program provides citizens and local governments information about chemical hazards in their communities to better plan for potential emergencies. HSEM is the designated state agency responsible for collecting data from more than 6,600 facilities that store, use and release into the environment certain hazardous chemicals.

In FY 2012, HSEM collected \$358,925 in fees from facilities that reported their chemical use information. Funds deposited in the state general fund help offset the cost of the Minnesota EPCRA program and the hazardous materials regional response team program.



## Radiological Emergency Preparedness (REP) Program

HSEM is responsible for protecting the health and safety of the public in the unlikely event of a radiological emergency at the Monticello or Prairie Island Nuclear Generating Plant. HSEM conducted its annual full-scale exercise in August 2011 with the Monticello facility. HSEM met 96 percent of the objectives identified by federal evaluators.

The REP program introduced online training in FY 2012. Five hundred and twenty-six partners completed 1,943 modules. Thirty-nine annual training classes were held for 772 students, representing more than 2,700 contact hours. The training was provided to

- ▶ State agencies
- ▶ Emergency managers

- ▶ Emergency response workers
- ▶ Hospital and ambulance personnel
- ▶ Federal, county and city officials

Below: Activity in the SEOC during the REP exercise.  
Right: Kevin Leuer receiving award.



# Response



## Emergency Operations

HSEM activates the State Emergency Operations Center (SEOC) when warranted to coordinate the state response to a major emergency or disaster. In FY 2012, the SEOC was activated three times for a total of 14 days.

### 2011 Severe Storms DR-4009

The fiscal year began with an activation of the SEOC in response to severe storms, tornadoes and wind damage stretching from Lincoln, Pipestone and Yellow Medicine Counties on the South Dakota border to Chisago and Pine Counties on the Wisconsin border. This event struck the first day of a state government shutdown, with only critical services personnel on duty. A core staff supported and coordinated local response efforts.

### Severe storms and flash flooding DR-4069

The fiscal year came to a close with yet another disaster when severe storms and flooding caused historic damage to many areas of Minnesota in June 2012. Some locations received as much as 10 inches of rain in a 24-hour period. This storm system affected 15 counties and three tribal nations. From Goodhue County, where the Cannon River rose, to Duluth, where normally small streams swelled and rivers charted new paths causing approximately \$109 million in damage to public infrastructure, state parks and electric cooperatives. Evacuations and rescue missions saved lives, but hundreds of home owners and businesses suffered significant property damage.





Damage in the Duluth area that was part of the DR-4069 declaration.

## Mutual Aid

During FY 2012, Minnesota continued to play a national role in the Emergency Management Assistance Compact (EMAC). EMAC is a mutual aid system adopted by all 50 states, three U.S. territories and the District of Columbia. The Compact maximizes resources in a cost-effective manner. States receiving the mutual aid reimburse the states sending help. In FY 2012, Minnesota supported or deployed resources to nine states for disasters including

- ▶ Tropical Storm Debby
- ▶ Colorado High Park Fire
- ▶ Hurricane Irene

HSEM also provides training to A-Team EMAC members. In FY 2012 1,250 hours of EMAC training was delivered in Minnesota. There are 52 EMAC A-Team members ready to deploy both inside and outside of Minnesota.





## Public Assistance

At the onset of a disaster or emergency, HSEM staff begins the long road to community recovery. Experts are on the ground with local partners determining if federal assistance will be needed to repair or replace damaged roads, bridges and property.

When the president declares a disaster in Minnesota, HSEM immediately holds public assistance meetings. These meetings help public entities and certain private nonprofit organizations begin the process of requesting financial assistance from FEMA.

In some disasters, local officials request help from FEMA and HSEM to determine if home and business owners are eligible for federal assistance. In July teams of experts went door-to-door in northeast Minnesota following flash flooding, talking to home and business owners.

## Volunteer Resources

Minnesota relies on volunteers when disasters and emergencies disrupt lives. In FY 2012 dedicated men and women lived up to their calling giving more than 66,000 volunteer hours through our Minnesota Voluntary Organizations Active in Disaster (MNVOAD) partners.

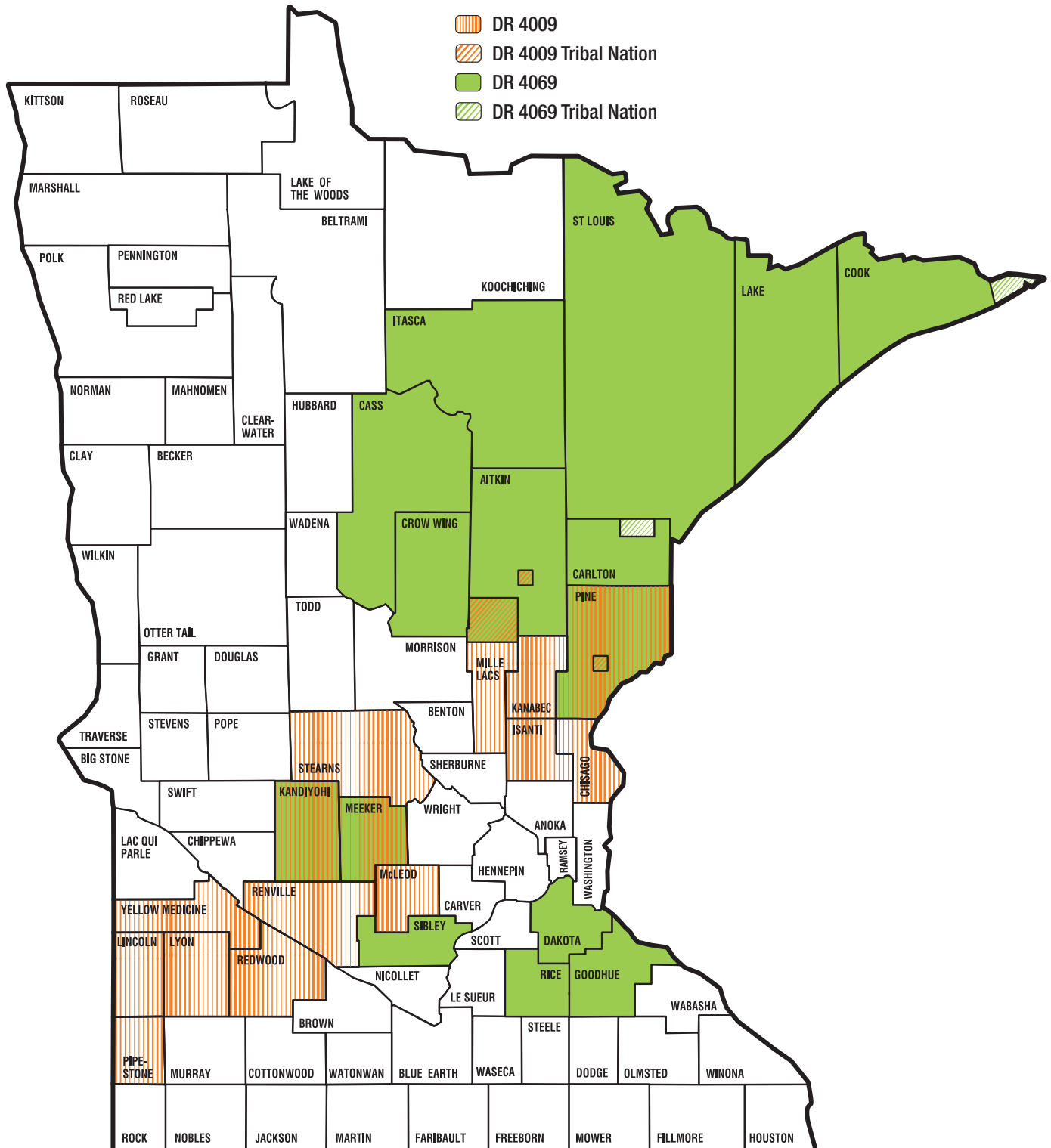
In FY 2012 three Minnesota Citizen Corps program coordinators were selected to teach the first local offerings of the new Community Emergency Response Teams (CERT) Train-the-Trainer and Program Manager course.

The Minnesota Citizen Corps program includes

- ▶ 31 community emergency response teams (CERT)
- ▶ 69 volunteers in police service (VIPS) programs
- ▶ 300 registered neighborhood watch programs
- ▶ 40 medical reserve corps (MRC) programs
- ▶ 7 fire corps programs



HSEM prepared two successful requests for presidential major disaster declarations during FY 2012.







## Federal Disaster Assistance Requests

FEMA #	Event Start Date	Request Prepared Within	Event	Affected Counties	State and Federal Public Assistance Obligated
DR 4069	June 14, 2012	15 days	Severe storms and flooding	Aitkin, Carlton, Cass, Cook, Crow Wing, Dakota, Fond du Lac Indian Reservation, Goodhue, Grand Portage Indian Reservation Itasca, Kandiyohi, Lake, Lake of the Woods, Meeker, Mille Lacs Indian Reservation, Pine, Rice, Saint Louis and Sibley	\$41,910,644
DR 4009	July 1, 2011	19 days	Severe storms, flooding and tornadoes	Chisago, Isanti, Kanabec, Kandiyohi, Lincoln, Lyon, McLeod, Meeker, Mille Lacs, Mille Lacs Indian Reservation, Pine, Pipestone, Redwood, Renville, Stearns and Yellow Medicine	\$16,087,740
DR 1990	May 21, 2011	6 Days	Severe storms and tornadoes	Anoka and Hennepin	\$5,874,367
DR 1982	March 16, 2011	*35 Days	Severe storms and flooding	Becker, Beltrami, Big Stone, Blue Earth, Brown, Carver, Chippewa, Clay, Grant, Kittson, Lac qui Parle, Le Sueur, Lyon, Marshall, McLeod, Nicollet, Norman, Otter Tail, Polk, Ramsey, Red Lake, Red Lake Indian Reservation, Redwood, Renville, Roseau, Scott, Sibley, Stevens, Swift, Traverse, Washington, Wilkin, Wright, and Yellow Medicine	\$27,793,940
DR 1941	September 22, 2010	9 Days	Severe storms and flooding	Blue Earth, Brown, Carver, Cottonwood, Dodge, Faribault, Freeborn, Goodhue, Jackson, Le Sueur, Lincoln, Lyon, Martin, Mower, Murray, Nicollet, Nobles, Olmsted, Pipestone, Redwood, Rice, Rock, Sibley, Steele, Wabasha, Waseca, Watonwan, Winona, and Yellow Medicine	\$33,343,596
DR 1921	June 17, 2010	8 Days	Severe storms, tornadoes and flooding	Blue Earth, Brown, Faribault, Freeborn, Houston, Kittson, Nicollet, Olmsted, Otter Tail, Polk, Sibley, Steele, and Wadena	\$18,207,827
EM 3310/ DR 1900	March 1, 2010	8 Days	Flooding	Big Stone, Blue Earth, Brown, Carver, Chippewa, Clay, Cottonwood, Grant, Kittson, Lac qui Parle, Marshall, McLeod, Nicollet, Norman, Pennington, Polk, Prairie Island Community (Indian Reservation), Ramsey, Red Lake, Redwood, Renville, Scott, Sibley, Stevens, Traverse, Upper Sioux Community (Indian Reservation), Wilkin, and Yellow Medicine	\$16,821,975
EM 3304/ DR 1830	March 16, 2009	10 Days	Severe storms and flooding	Becker, Beltrami, Chippewa, Clay, Clearwater, Cook, Douglas, Grant, Hubbard, Kittson, Lac qui Parle, Lake, Lake of the Woods, Mahnomen, Marshall, Norman, Otter Tail, Pennington, Polk, Pope, Red Lake, Red Lake Indian Reservation, Roseau, Stevens, Swift, Traverse, Wadena, White Earth Indian Reservation, Wilkin, and Yellow Medicine	\$40,114,443
DR 1772	June 7, 2008	10 Days	Severe storms and flooding	Cook, Fillmore, Freeborn, Houston, Mower and Nobles	\$8,495,031
DR 1717	August 18, 2007	3 Days	Severe storms and flooding	Dodge, Fillmore, Houston, Jackson, Olmsted, Steele, Wabasha and Winona	\$43,231,884
EM 3278	August 1, 2007	19 Days	35W bridge collapse	Hennepin	\$4,757,885

\* The delay in requesting federal assistance for DR-1982 was because river levels didn't reach major flood stage until well into the incident period.



# Prevention/Mitigation



HSEM partnered with Metro Transit to promote an awareness campaign.

## All-Hazard Mitigation Plan

To be truly resilient a community needs a mitigation plan. This allows leaders to take action to lessen or prevent the toll disasters take on people and property.

FEMA approved the state of Minnesota All-Hazard Mitigation Plan March 24, 2011. The plan is used to help HSEM prioritize allocation of Hazard Mitigation Assistance (HMA) grant money. Counties must have an approved and adopted mitigation plan in order to meet the eligibility criteria for HMA. Of Minnesota's 87 counties, 63 have the required plan in place (see map on page 14).

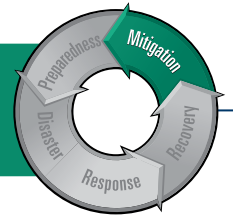
A proven flood mitigation strategy involves communities acquiring homes and businesses in flood-prone areas. The community buys private property for its pre-flood fair market value, then removes or relocates all structures on the land. By law, the land becomes public property and

must forever remain open space. The community may use it to create a public park or wildlife refuge.

In FY 2012 a number of successful acquisitions occurred in communities affected by devastating flooding in 2010:

- ▶ Hammond \$446,310 — one commercial and six residential properties
- ▶ Oronoco \$456,863 — five properties
- ▶ Pine Island \$204,975 — two properties
- ▶ Wabasha County \$221,498 — two properties
- ▶ Zumbro Falls \$1,465,151 — one commercial and 15 residential properties

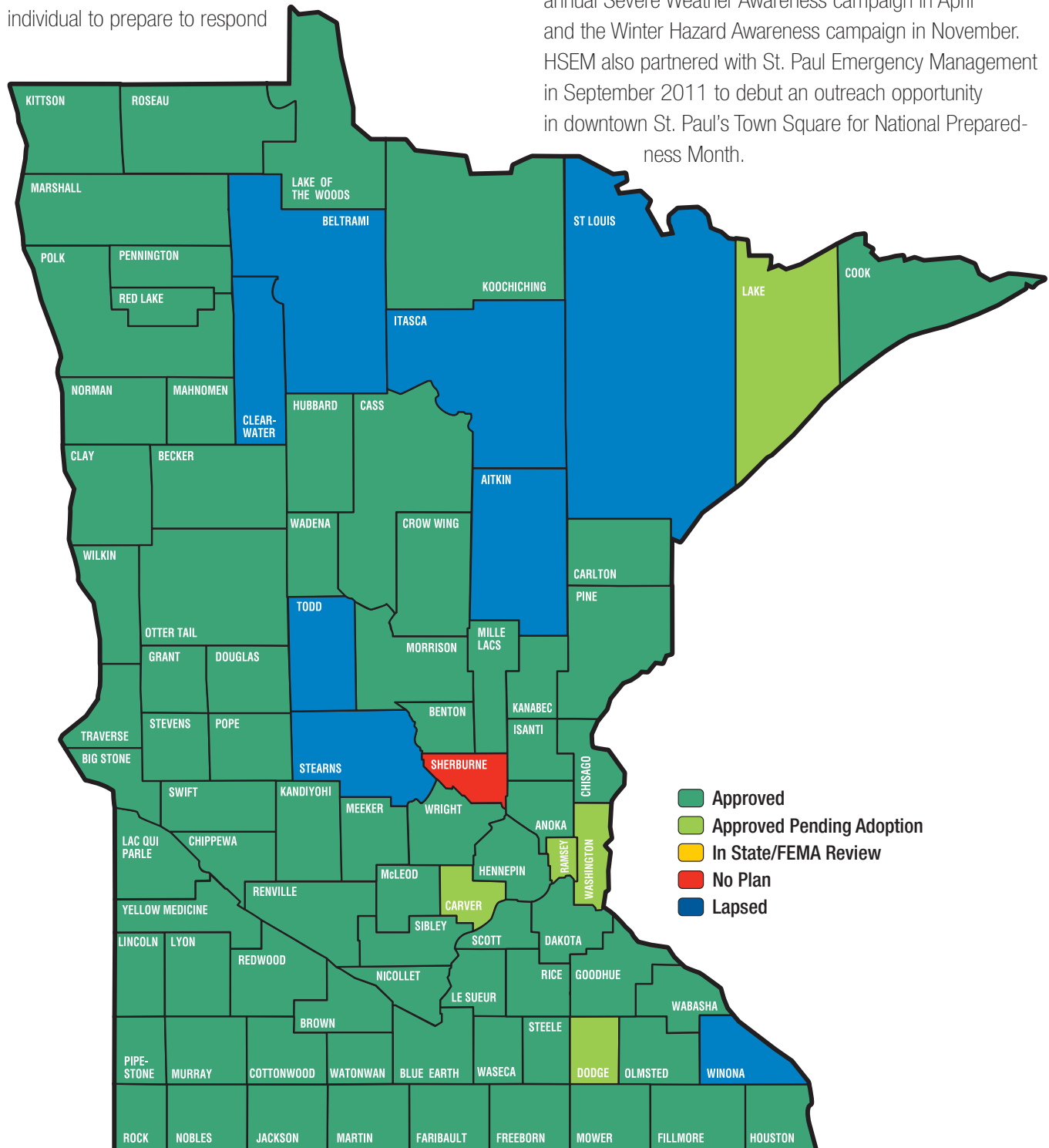
Other mitigation projects coordinated through HSEM have already saved taxpayers tens of millions of dollars in total losses avoided.



## Public Outreach and Awareness

Minnesotans are their own first responders. It is up to each individual to prepare to respond

to a disaster or emergency and be able to help children, the elderly and others with functional and access needs. HSEM encourages individual preparedness through the annual Severe Weather Awareness campaign in April and the Winter Hazard Awareness campaign in November. HSEM also partnered with St. Paul Emergency Management in September 2011 to debut an outreach opportunity in downtown St. Paul's Town Square for National Preparedness Month.







# Summary



HSEM reaches out to the public and our partners across Minnesota to help every person prevent, prepare for, respond to and recover from natural and human-caused disaster. We recognize the importance of sharing our message through our annual Governor's Conference, the media, our comprehensive website and social media.

***Please follow us in FY 2013.  
Together we will be prepared and resilient.***

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Emergency Management Training Center Grand Opening April 11, 2012



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