



SCOTT COUNTY EMERGENCY MANAGEMENT COMMISSION

Chief Gerald Voelliger, Chair
David Donovan, Emergency Management Coordinator
1100 East 46th Street, Davenport, Iowa 52807
Phone 563-484-3050 scema@msn.com

Tentative Meeting Agenda
July 21, 2016 at 6:00 p.m.
Emergency Operations Center Conference Room
1100 E. 46th St
Davenport, IA 52807

A - Approval of Meeting Agendas and Minutes

- 1) Changes to and/or approval of Meeting Agenda – today's meeting
Motion_____ Second_____
- Ayes_____ Nays_____

- 2) Approval of Minutes from the April 21, 2016 Commission meeting
Motion_____ Second_____
- Ayes_____ Nays_____

B - Old Business

NONE

C - New Business

- 1) Hazard Mitigation Planning Contract: Discussion of a contract with Bi-State Regional Commission to provide planning services for the update to the Scott County Multi-jurisdiction Hazard Mitigation Plan. This contract is valued at \$30,000 (\$22,500 Hazard Mitigation grant funds and \$7500 in local EMA match funds). Contract document will be available prior to the meeting.

 - 2) LEPC Merger: Discussion of the possibility of merging the Scott County Local Emergency Planning Commission with the Rock Island County Local Emergency Planning Commission. Although obstacles exist to this initiative, both Rock Island
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and Scott County Emergency Management Coordinators believe this effort would be beneficial to planning efforts and make these required meetings more effective and efficient. The Illinois Emergency Management Agency and the Iowa Homeland Security Emergency Management Department have tentatively agreed to allow the merger to proceed.

D - Coordinator's Report

1) Training Update

- a. QC Faith Preparedness Workshop scheduled for July 26 at St. John Vianney Church in Bettendorf. As of this report, over 70 persons have registered to attend this FEMA sponsored workshop training. Speakers and panelists include FEMA staff from both the headquarters office and our regional office, a division director from the Iowa Department of Homeland Security along with local faith preparedness leaders and representatives from the Red Cross and local law enforcement. We are very excited about bringing this event to the community. Our financial investment to date has been in staff time spent planning. We expect to spend a nominal amount to help provide refreshments.
- b. Command and General Staff (ICS 300/400 equivalent) Course. 20 people attended this week long training hosted in our EOC.

2) Exercise Update

- a. Healthcare Coalition Exercises. EMA participated in a series of exercises based on a pandemic scenario, the delivery and distribution of medical counter-measures. We successfully completed our objectives for each exercise and were able to demonstrate on-site, real time badging of volunteers for the full scale distribution exercise. The Health Care Coalition allocated funding to purchase badging and resource tracking equipment and software. We took delivery of those assets in late June and expect to utilize the software for future exercises and real-world events. Many thanks to Johnson County for sending staff to assist with the badging and tracking operation.
- b. Water Coalition Exercise. The Quad City Water Utility Coalition is working with EMA to schedule a table-top exercise for the Fall/Winter of 2016.
- c. Mass Care Exercise. Iowa Homeland Security and Emergency Management Department is participating in a regional mass care exercise in August. EMA is working to doing a table top activation of our EOC and our mass care partners to participate.

- 3) Planning Update: Nick has our base Comprehensive Emergency Plan and several of the Emergency Support Functions (ESF) converted to a new, easier to read format. We are preparing to submit our first revisions to IA
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HSEMD for review. Commission adoption would follow at the next regular meeting.

Attached is the recently completed Hazard Vulnerability Assessment. This assessment becomes the basis for our agency planning and will be utilized during the update to the Hazard Mitigation Plan. The assessment was completed in a series of workshops with the Scott County Local Emergency Planning Committee, the Quad City Emergency Planning Committee, the Scott County Healthcare Coalition and the National Weather Service.

- 4) Technology and Equipment Update: We are evaluating options for replacement components for this project. We have determined that we can largely reuse existing cabling, mounts and enclosures. Expect expenditures to be below approval threshold.

The purchase of the Salamander software and equipment of volunteer and resource tracking by the Healthcare Coalition will be a valuable asset for the agency. Training on the system is scheduled for August 17, 2016.

- 5) Safeguard Quad Cities Update: Initial meeting is scheduled for July 25. The purpose of this initiative is to formulate a group, affiliated with Safeguard Iowa, as a mechanism for engaging the private sector, providing training and providing a liaison to the EOC during events and emergencies.
- 6) Upcoming training and exercises scheduled for 2016:

July 25: Initial Meeting of Safeguard Quad Cities
July 26: Faith Preparedness Workshop
Aug 8-9: EMA attending Radiological Core Concepts
Aug 10-12: EMA attending Radiological Plume Response Planning
Aug 17: Salamander Training
Aug 22-25 EMA attending Finance/Admin Section Chief Train-the-Trainer
Oct 5: Radiological Exercise Practice Exercise and Training
Oct 12: Radiological Training – Hospital Emergency Dept.
Oct. 13: Radiological Exercise – Hospital Emergency Dept.
Oct. 12-14: Iowa Homeland Security Conference
Oct. 20-21 Iowa Hazmat Symposium
Nov 16: Radiological – QC FEMA Evaluated Exercise
Nov 18: EMA attending Tools for Damage Assessment

E – Actions and Approvals

- 1) Approval of a contract with Bi-State Regional Planning Agency for planning services to update the Scott County Multi-jurisdictional Hazard Mitigation Plan in
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the amount of \$30,000 (\$22,500 in Hazard Mitigation grant funding and \$7500 in local EMA budget funds).

Motion_____ Second_____

Bettendorf	_____
Blue Grass	_____
Buffalo	_____
Davenport	_____
Dixon	_____
Donahue	_____
Eldridge	_____
LeClaire	_____
Long Grove	_____
Maysville	_____
McCausland	_____
New Liberty	_____
Panorama Park	_____
Princeton	_____
Riverdale	_____
Scott County Board	_____
Scott Co Sheriff	_____
Walcott	_____

F – Next Meeting

Next Scheduled Meeting – October 19, 2016 at 6:00 p.m. – same location

G – Adjourn

Motion to Adjourn

Motion_____ Second_____

Ayes_____ Nays_____

Time_____



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April 21, 2016

The Scott County Emergency Management Commission met for a scheduled meeting on Thursday, April 21, 2016 at the Scott County Emergency Management Agency located at 1100 E 46th St Street, Davenport. Present for the meeting were:

Commission Members present:

Bob Gallagher, Mayor of Bettendorf; Gerald Voelliger, Bettendorf Fire Chief (Commission Chair); Tim Brandenburg, Mayor of Blue Grass; Frank Klipsch, Mayor of Davenport; Ken Schoenthaler, Mayor of Donahue; Marty O'Boyle, Mayor of Eldridge; Mike Limberg, Mayor of Long Grove; Diane Holst, Scott County Board of Supervisors; Dennis Conard, Scott County Sheriff (Commission Vice-chair).

Others Present:

Dave Donovan, Scott County EMA Coordinator.

Chief Voelliger called the meeting to order at 6:03 p.m.

Approval of Meeting Agendas and Minutes

Approval of Meeting Agenda for today's meeting.
Moved by Klipsch, Second by Limberg – all ayes.

Approval of Minutes from September 17, 2015 meeting.
Moved by Klipsch, Holst – all ayes.

Old Business

There was no old business discussion.

New Business

Donovan explained the proposed Memorandum of Understanding with Clinton County regarding the activation of the Alertlowa system across county borders in certain life and health safety circumstances.

The MOU document is very explicit in the types of circumstances that apply. Donovan explained that this agreement would allow Emergency Managers from both Counties to quickly warn residents immediately impacted by an emergency that originates in the other county. This agreement would eliminate the added time needed to relay the information to the other county prior to sending notification and could, quite possibly save lives and improve safety.

There was a general discussion regarding Alertlowa. Donovan will add an agenda item to a future Commission meeting for an update on the system. The Agency shall continue the marketing efforts within the County to get as many communities as possible signed up with the system. Donovan to share marketing materials with all commission members.

Coordinator's Report

- 1) Report on the 2016 QC Disaster Readiness Conference held April 7, 2016: While final attendance and financials have not been tabulated, there is general consensus that the conference was very professionally organized and that the speakers were all very good. Over 320 persons attended and the planning committee believes that we probably have reached our saturation point for attendance. They would not want the conference to grow much larger.
- 2) Update on CERT training: A training session is currently drawing to a close. This session was held Tuesday evenings, from 6-9p for seven consecutive weeks. CERT is a program that we have hoped to get running for many years. Many thanks to the following agencies and individuals: Medic EMS and Linda Fredericksen, Mid-American Energy, Eastern Iowa Community College and Jaime Temple, Nick Border, RSVP and Gayle Lundeen. Donovan wishes to extend an extra special thanks to Chance Kness, Clinton County EMA and Bill and Lois from Clinton County CERT who gave of their own time and energy to offer themselves as certified instructors.

Donovan hopes to hold CERT training 2-3 times per year going forward. There are currently enough supplies to outfit another 50 CERT trainees. Scott County

EMA and RSVP will be working to obtain certification in the CERT program to allow us to be self-sufficient for future sessions.

- 3) Planning update: Nick continues to make good progress on reformatting and rewriting our basic plan and emergency support function (ESF) sections along with several ancillary plans including: mass fatality, debris management, damage assessment, hazard vulnerability and others. We are also on track for our annual update requirement for the Emergency Management Performance Grant (EMPG).
- 4) Technology and Equipment update: the Agency is getting prices to repair the gasket seal for the slider on the MCV. We are also preparing to begin procuring some of the tech updates for that same vehicle. There are several computing needs that we are evaluating including technology aids/systems/apps to support damage assessment, EOC operations, document management, volunteer reception, donations management, disaster credentialing and others. There is one state system that might fill some of that need, but we will be putting together a prioritized plan going forward for future discussion. Some of the needs will likely require funding outside of our current resources. None of the needs are extremely expensive, but most would have a nominal on-going expense for software and equipment maintenance.
- 5) Training and Exercise: An extensive listing of upcoming training and exercises currently scheduled for the remainder of 2016 is included in the agenda. The Commission discussed the current arrangement for sharing opportunities via e-mail, which works adequately.

Actions and Approvals

- 1) Approval of the proposed memorandum of understanding with Clinton County for sending alert notifications across county borders in the event of a life or health emergency.

Moved by Klipsch, second by O'Boyle to approve the proposed memorandum of understanding with Clinton County as presented and discussed.

Roll Call Vote:

Ayes – Bettendorf, Blue Grass, Davenport, Donahue, Eldridge, Long Grove, Scott County Board of Supervisors and Scott County Sheriff.

Nays – None

Abstained – None

Absent – Buffalo, Dixon, Le Claire, Maysville, McCausland, New Liberty, Panorama Park, Princeton, Riverdale and Walcott
Action passes 8-0.

F - Next Meeting

The next scheduled meeting of the Scott County Emergency Management Commission is July 21 at 6:00 p.m. at the same location for the regularly scheduled quarterly Commission meeting.

G – Adjourn

Motion to Adjourn at 6:44 p.m.

Moved by Schoenthaler, second by Klipsch - all ayes



HAZARD AND VULNERABILITY ASSESSMENT TOOL

NATURALLY OCCURRING EVENTS



EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
	<i>Likelihood this will occur</i>	<i>HUMAN IMPACT</i> <i>Possibility of death or injury</i>	<i>PROPERTY IMPACT</i> <i>Physical losses and damages</i>	<i>BUSINESS IMPACT</i> <i>Interruption of services</i>	<i>PREPARED-NESS</i> <i>Preplanning</i>	<i>INTERNAL RESPONSE</i> <i>Time, effectiveness, resources</i>	<i>EXTERNAL RESPONSE</i> <i>Community/ Mutual Aid staff and supplies</i>	
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Tornado	1	3	3	3	2	2	2	28%
Severe Thunderstorm	3	1	2	2	1	1	1	44%
Gradient Wind	3	1	2	1	1	2	2	50%
Snow Fall	3	1	1	2	1	2	2	50%
Blizzard	2	2	1	2	1	2	2	37%
Ice Storm	1	2	1	2	2	2	2	20%
Earthquake	1	3	3	3	3	3	3	33%
Temperature Extremes - Heat	1	2	2	2	2	1	1	19%
Temperature Extremes - Cold	3	2	1	2	2	1	1	50%
Drought	2	1	3	2	2	1	1	37%
River Flood	3	1	2	1	1	1	1	39%
Flash Flood	3	2	3	2	2	1	1	61%
Wild Fire	2	1	3	2	3	2	1	44%
Landslide/Sinkhole	0	0	0	0	0	0	0	0%
Levee Inundation	1	1	3	3	2	1	1	20%
Epidemic-Human	2	3	1	3	2	2	2	48%
Epidemic-Animal	2	0	2	1	1	1	1	22%
Space Weather	1	1	1	2	3	3	3	24%
AVERAGE SCORE	2.27	1.80	2.27	2.33	2.07	1.87	1.80	51%

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY		
0.51	0.76	0.67

HAZARD AND VULNERABILITY ASSESSMENT TOOL TECHNOLOGIC EVENTS



EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Electrical Failure	1	2	1	3	2	3	3	26%
Transportation Failure - Ground	1	1	1	1	1	1	1	11%
Transportation Failure - Rail	1	1	2	2	1	1	1	15%
Transportation Failure - River	2	1	2	2	1	1	1	30%
Fuel Shortage	1	1	1	3	1	1	1	15%
Natural Gas Failure	1	1	1	2	1	1	1	13%
Water Contamination	1	2	2	3	2	2	3	26%
Mine Failure/Emergency	1	1	1	1	1	1	1	11%
Train Derail - Non Hazmat	2	2	2	2	2	1	1	37%
Large Structure Fire	2	1	1	1	1	1	1	22%
Building Structural Failure	1	1	1	1	1	1	1	11%
Water Failure	1	1	2	3	1	1	1	17%
Sewer Failure	1	1	2	1	1	1	1	13%
Communications Failure - 911/Radio	1	1	1	2	1	1	1	13%
Communications Failure - Commercial	1	1	1	1	1	1	1	11%
Information Systems Failure	1	1	1	1	1	1	1	11%
AVERAGE SCORE	1.19	1.19	1.38	1.81	1.19	1.19	1.25	18%

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY		
0.18	0.40	0.44

HAZARD AND VULNERABILITY ASSESSMENT TOOL

HUMAN RELATED EVENTS



EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Mass Casualty Incident (trauma)	1	2	1	1	2	1	1	15%
Mass Casualty Incident (medical/infectious)	1	3	1	2	1	1	1	17%
Terrorism, Biological	1	2	2	3	1	1	1	19%
Terrorism, Chemical	1	2	2	3	1	1	1	19%
Terrorism, Explosion	1	2	2	3	1	1	1	19%
Terrorism, Radiological	1	2	2	3	1	1	1	19%
Terrorism, Shooter/Weapon	1	2	2	3	1	1	1	19%
VIP Situation	2	1	1	1	1	1	1	22%
Civil Disturbance	1	2	2	3	1	1	1	19%
Bomb Threat	1	2	2	3	1	1	1	19%
AVERAGE	1.10	2.00	1.70	2.50	1.10	1.00	1.00	19%

*Threat increases with percentage.

RISK = PROBABILITY * SEVERITY		
0.19	0.37	0.52

HAZARD AND VULNERABILITY ASSESSMENT TOOL EVENTS INVOLVING HAZARDOUS MATERIALS



EVENT	PROBABILITY	SEVERITY = (MAGNITUDE - MITIGATION)						RISK
		HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Preplanning</i>	<i>Time, effectiveness, resources</i>	<i>Community/ Mutual Aid staff and supplies</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 = N/A 1 = High 2 = Moderate 3 = Low or none	0 - 100%
Mass Casualty Hazmat Incident (From historic events at your MC with >= 5 victims)	1	2	1	1	1	1	1	13%
Small Casualty Hazmat Incident (From historic events at your MC with < 5 victims)	2	2	1	1	1	1	1	26%
Chemical Exposure	3	2	1	1	1	1	1	39%
Small-Medium Sized Spill	2	1	2	2	1	1	1	30%
Large Spill	1	2	3	3	1	1	1	20%
Terrorism, Chemical	1	3	3	3	2	2	1	26%
Radiological Emerg	1	2	2	3	1	1	1	19%
Radiological Exposure	1	2	2	3	1	1	1	19%
AVERAGE	1.50	2.00	1.88	2.13	1.13	1.13	1.00	26%

*Threat increases with percentage.

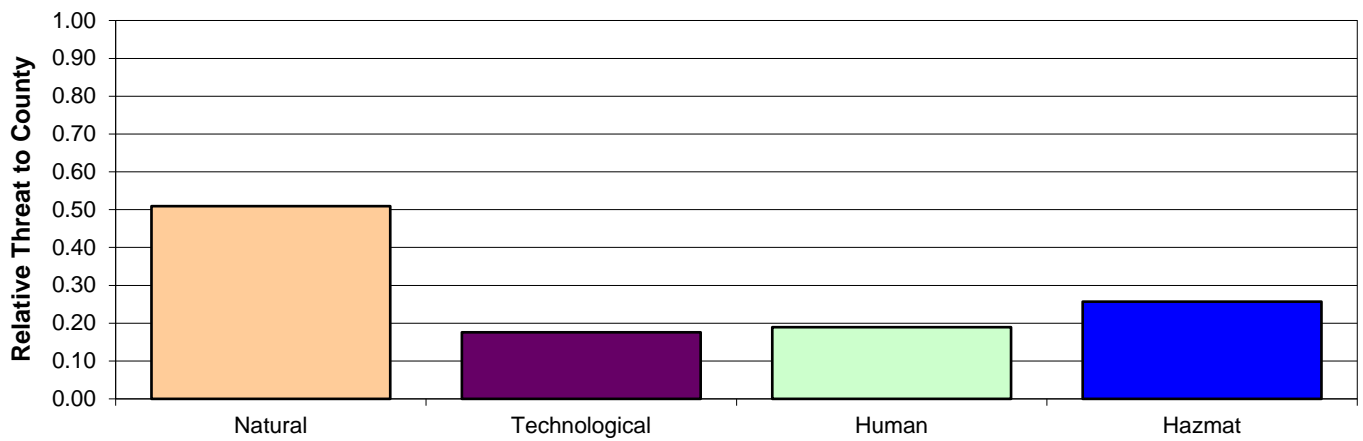
RISK = PROBABILITY * SEVERITY		
0.26	0.50	0.51

Consider breaking down by type: transportation-rail, trans-hwy/truck, pipeline, river/boat/barge, air, etc. All have different probability. Hazmat storage - examples: chems at businesses, tank farms, etc. We have petroleum, LNG, anhydrous, farm chemicals, PNG, LP, etc. Gerry advocates considering mass gatherings in several categories as a higher potential impact

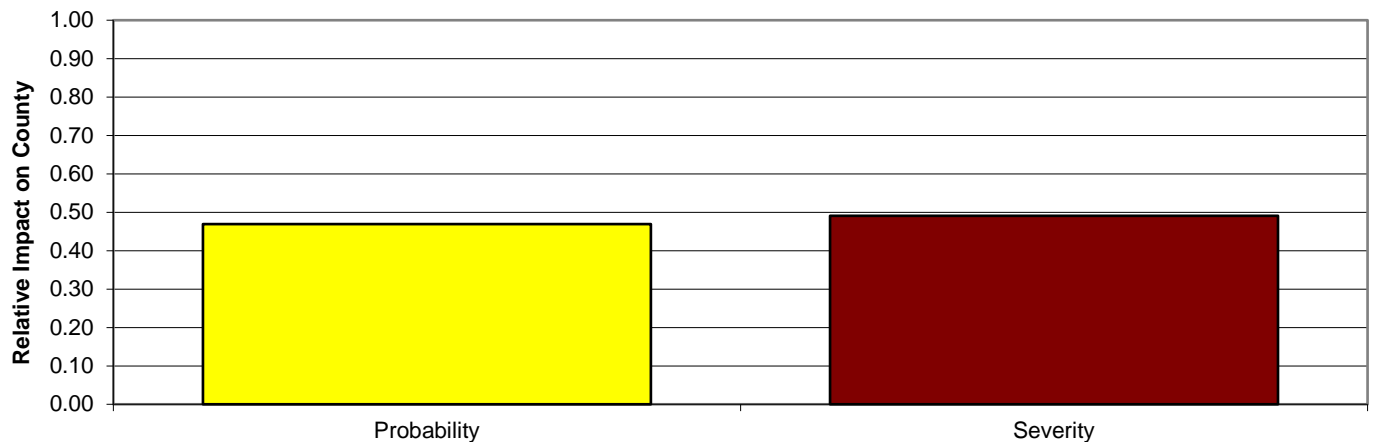
Summary of Scott County Hazard Assessment

	Natural	Technological	Human	Hazmat	Total for County
Probability	0.76	0.40	0.37	0.50	0.47
Severity	0.67	0.44	0.52	0.51	0.49
Hazard Specific Relative Risk:	0.51	0.18	0.19	0.26	0.23

Hazard Specific Relative Risk to Scott County



Probability and Severity of Hazards to Scott County



This document is a sample Hazard Vulnerability Analysis tool. It is not a substitute for a comprehensive emergency preparedness program. Individuals or organizations using this tool are solely responsible for any hazard assessment and compliance with applicable laws and regulations.