

2014 Annual Mitigation Plan Review Meeting

Highland County EMA



MEETING OBJECTIVES

- Understand Your Natural Disaster Risk
- Review of Previous Plans
- Current Plan Status
- Future Activity Plan/Needs of Each Community

MISSION OF STATE EMA-MITIGATION PLANNING

ODPS Ohio Emergency Management Agency Mitigation Branch

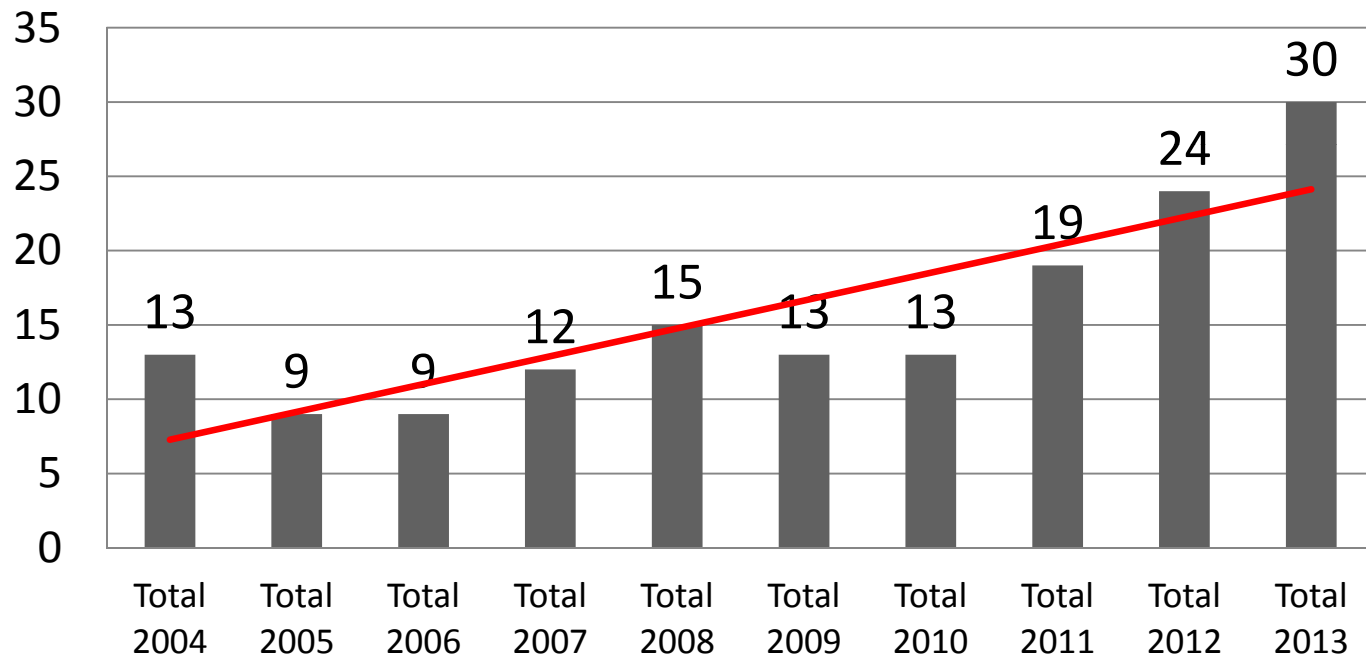
Properties Mitigated: 1300

Damages Prevented Through Mitigation: \$10,148,159.00

The mission of the Mitigation Branch is to integrate hazard mitigation principles in a variety of ways to make Ohio communities more sustainable and citizens more resilient in the face of future disaster events. This mission is implemented through projects and planning efforts to reduce the cost of damage caused by disasters and minimize the impact on citizens, businesses, and properties. The Mitigation Branch maintains the State's All Hazard Mitigation Plan, coordinates the State Hazard Mitigation Team (SHMT), is the state entity responsible for implementing FEMA's hazard mitigation programs, and assists Ohio communities in their mitigation planning efforts.

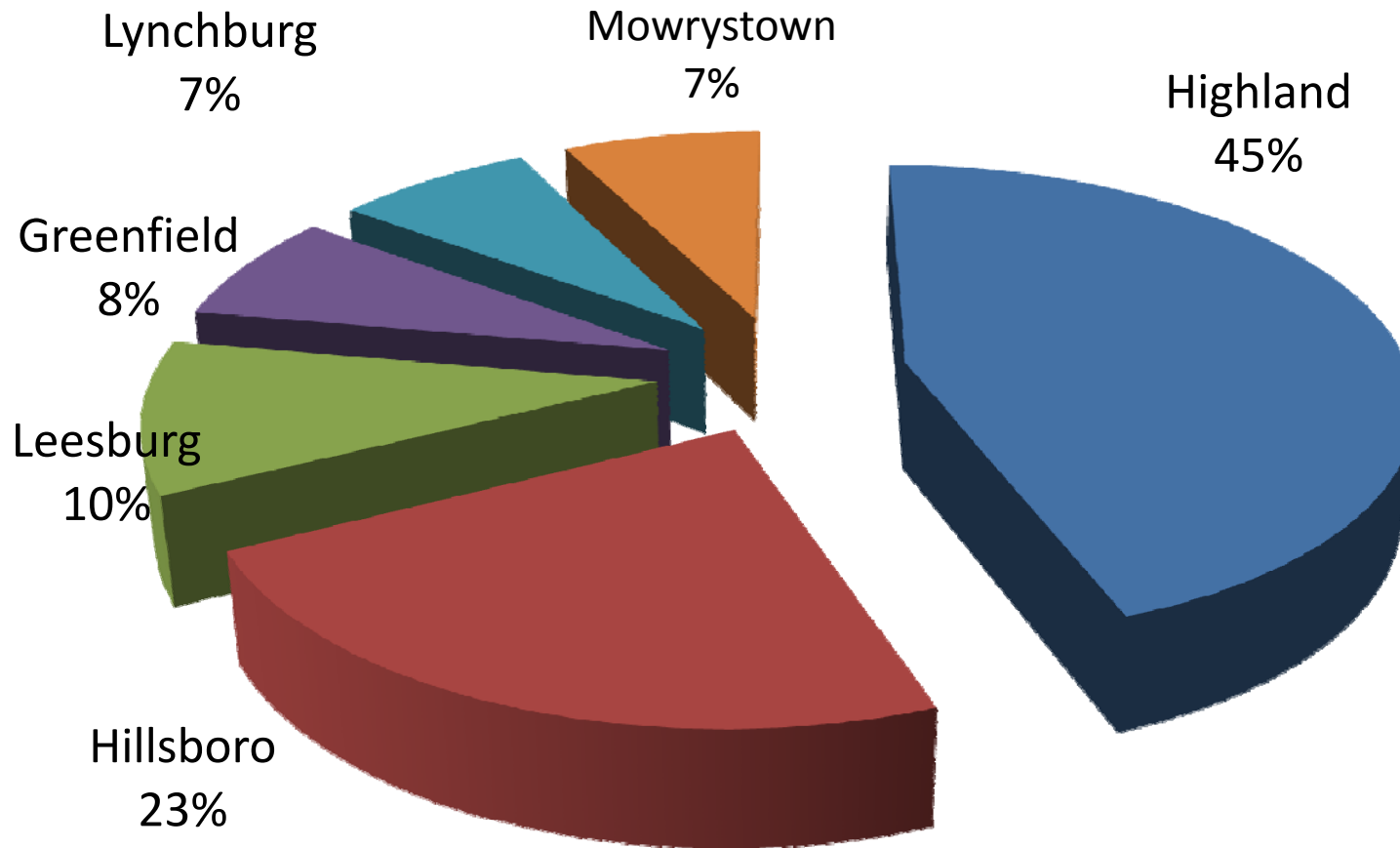
Storm Data

Annual Storm Events 2004 to 2013

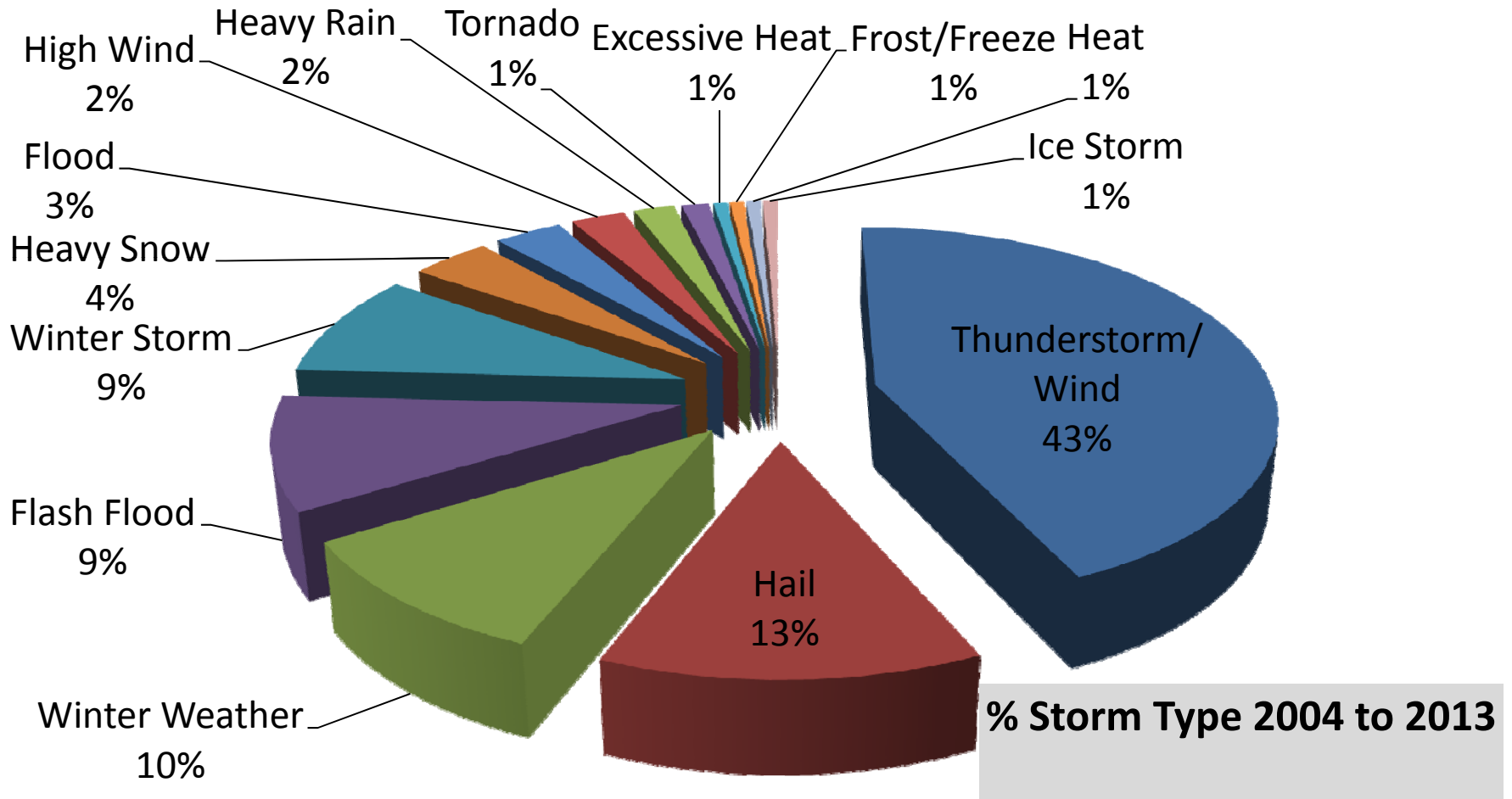


Storm Data

Top Six Communities Impacted by Storm Events

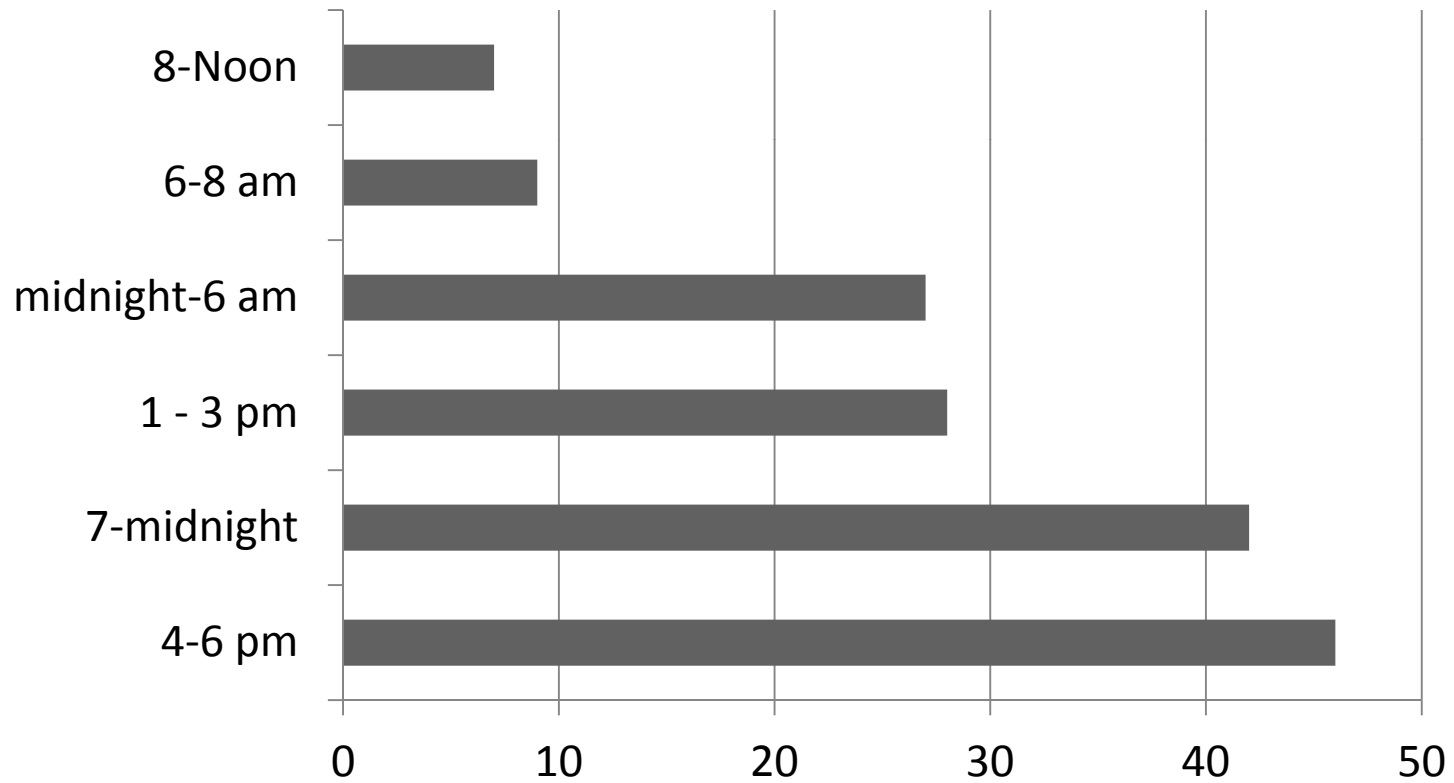


Storm Data

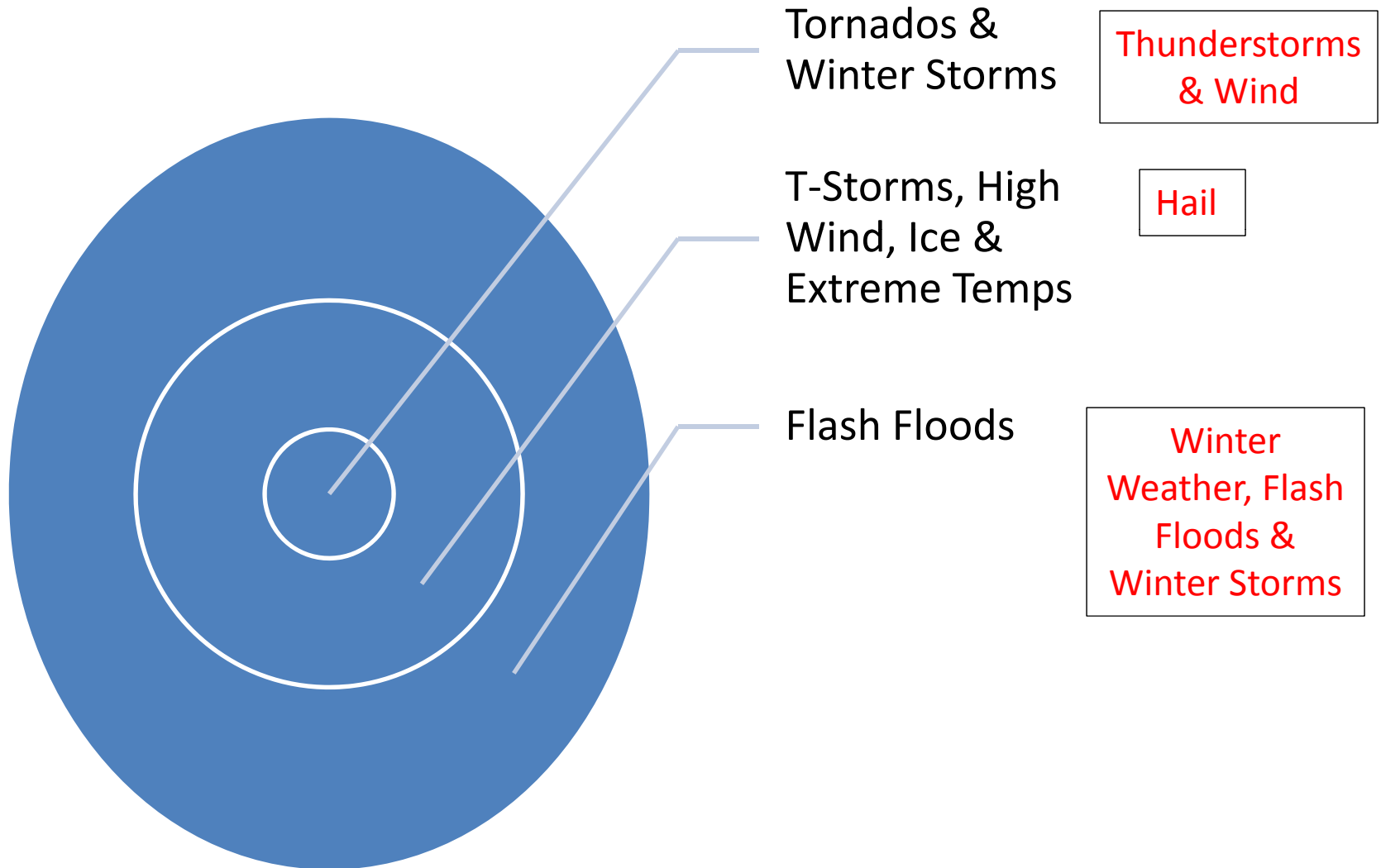


Storm Data

Storms : Time of Day

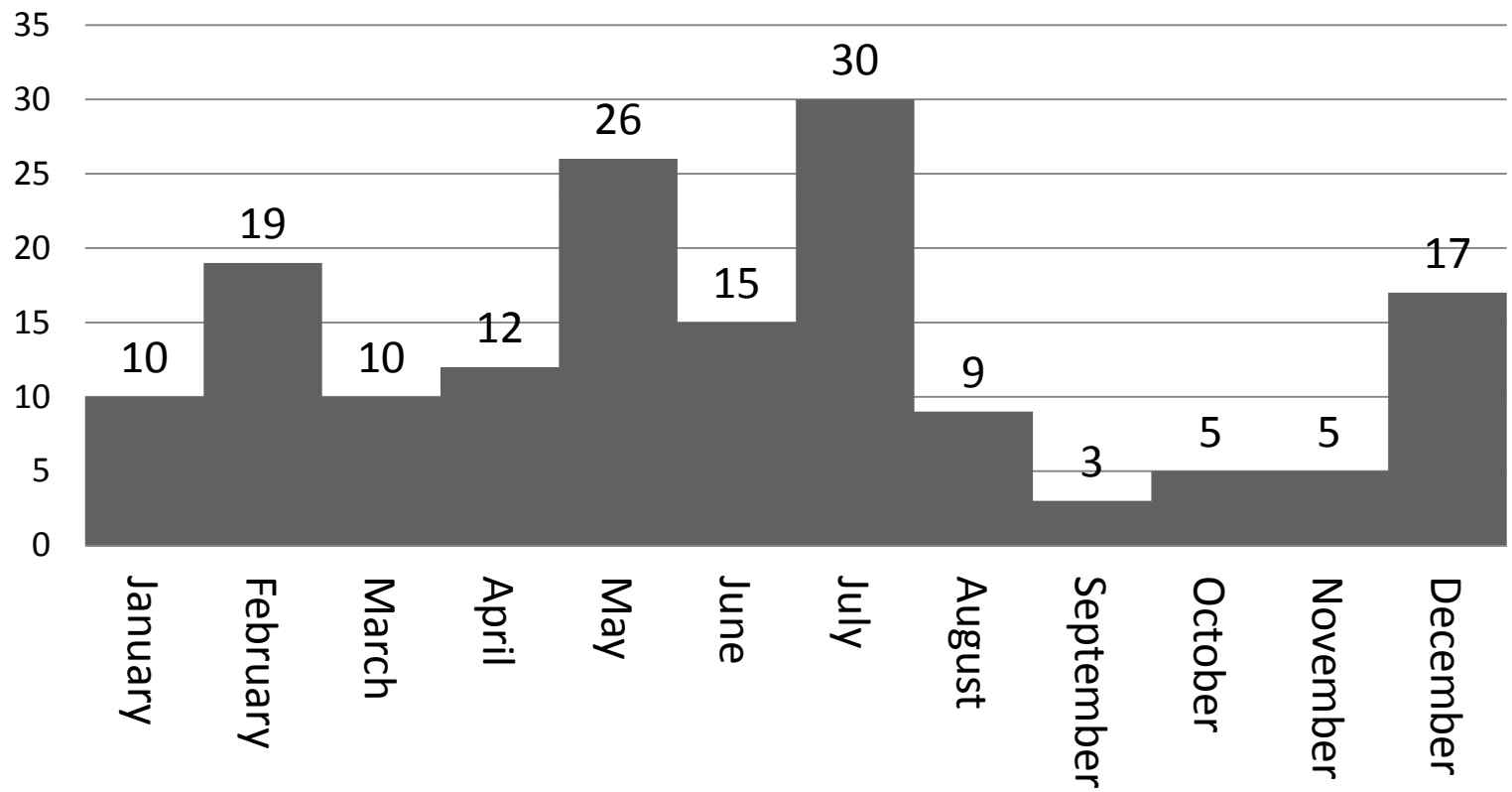


2014 Survey Results Based on Community Leadership Responses



Storm Data

Storm Events by Month 2004 to 2013



Purpose (Mission Statement)

At the beginning of the planning process, a mission statement was drafted to establish a clear goal for the Core Group. The Core Group reviewed and approved the following as its Mission Statement:

“The mission of the Pre-Disaster Hazard Mitigation Core Committee for Highland County, Ohio is to develop a working document that fulfills the mandates of the Federal Disaster Mitigation Act of 2000, and satisfies the requirements of FEMA and the Ohio EMA, as well as meets the needs of all of Highland County. Further, by researching and planning for future natural hazards and implementing appropriate mitigation techniques, all of Highland County can save lives and protect property, reduce the cost of disasters and provide for a rapid and efficient recovery by coordinating response efforts, and increasing the educational awareness of natural hazard events and their effects on the people, property, and resources of all Highland County.”

Previous Determination of Hazards (2003) Page 3-2 of Plan

1. Winter Storms- Snow/Ice/Extreme Cold
2. Summer Storms- Thunderstorms/High Winds/Hail/Lightning
3. Flooding- 100-Year Flooding
4. Tornadoes
5. Localized Flooding
6. Earthquakes
7. Dams
8. Droughts/Extreme Heat/Wild Fires

Current Determination of Hazards (2014)

1. Thunderstorms/High Winds
2. Hail
3. Winter Weather
4. Flash Flood
5. Winter Storm
6. Heavy Snow
7. Flood
8. High Wind
9. Heavy Rain
10. Tornado
11. Excessive Heat
12. Frost/Freeze
13. Heat
14. Ice Storm

The Core Group chose 22 prioritized activities to consider as follows:

Hazard Priority 1: Winter Storms/Snow/Ice/Severe Cold, reference page 8-1

Prioritized Activity	Will it be implemented?	Who will implement?	Timeline
Provide larger back-up generators for critical facilities, such as the Leesburg sewer and water plant.	Completed at Leesburg and Hillsboro Treatment Plants		
Provide back-up generators for critical facilities, which need to maintain continuous power to protect human health and life.	EOC has purchased a generator.		To be installed by Dec. 2014
Establish a back-up fuel source for emergency generators and response vehicles in order to respond to long-term emergencies.	To be implemented.	EMA/ Commissioners	January End
Develop a map of locations that indicates the locations of special needs residents throughout the county.	To be implemented.	EMA and volunteers.	1 st Quarter of 2015

**Hazard Priority 2: Summer Storms/Thunderstorms/High Winds/Lightning/Hail,
Reference page 8-2**

Prioritized Activity	Will it be implemented?	Who will implement?	Timeline
Provide back-up generators for critical facilities, which need to maintain continuous power to protect human health and life.	Already done in health care sectors per life safety codes.	Determine any additional facilities and feasibility of budgets.	
Develop an education program on hazards associated with severe weather and how to prepare for a severe weather event prior to the summer storm season.	On Web Site. Additional ideas to add “Apps” for weather notifications and check Nursing Homes for radios.	EMA Outreach may be possible after the first of the year.	Tentative 1 st Quarter of 2015
Develop a map of locations that indicates the locations of special needs residents	See Previous.		

**Hazard Priority 3: Flooding-
100 Year zone, non-flood zone,
flash flooding, reference page
8-2**

Prioritized Activity	Will it be implemented?	Who will implement?	Timeline
Develop GIS layer of all bridges and culverts in Highland County.	Completed for the county.		
Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.	See previous.		
Develop regional mutual aid agreements between fire departments, law enforcement agencies and other counties to assist in the clean-up process after an event.	Completed. Would like these to be signed for established periods of time.		

Hazard Priority 4: Tornadoes,
reference page 8-3

Prioritized Activity	Will it be implemented?	Who will implement?	Timeline
Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.	See previous comments.		
Provide NOAA weather radios for all critical facilities within the county.	Some have their own. Determine funds for each facility.	TBD	
Develop a public education program for informing residents about the benefits of having NOAA radios and family disaster plans, which will help them better respond to an emergency situation.	On web site. Possibly get into schools programs or additional public events. See comments on Apps.	EMA	TBD

Hazard Priority 5: Earthquakes,
reference page 8-3

Prioritized Activity	Will it be implemented?	Who will implement?	Timeline
Provide back-up generators for critical facilities, including shelters, which need to maintain continuous power to protect human health and life.	Limitations for funding. Need to get more input from communities.	TBD	TBD
Develop regional mutual aid agreements between fire departments, law enforcement agencies and other counties, to assist in clean-up process after an event.	See previous comments.		
Develop a public education program concerning the hazards associated with earthquakes, as well as a homeowners' option to purchase earthquake insurance.	Yes. Add to EMA website.	EMA	End of 1 st Quarter 2015

Hazard Priority 6: Dams, reference page 8-4

Prioritized Activity	Will it be implemented?	Who will implement?	Timeline
Educate public on the hazards of building below a dam.	No ordinance to restrict building sites.		
Create a map of all Class I and II dams.	Completed.	GIS	

Hazard Priority 7: Droughts/Excessive Heat/Wild Fires

Prioritized Activity	Will it be implemented?	Who will implement?	Timeline
Create a map of all dry hydrants throughout the county	TBD		
Seek funding for more dry hydrants throughout the rural areas of Highland County.	TBD		
Develop a public education program for informing residents of the hazards associated with droughts and the secondary effects such as wild fires.	TBD		

Planning Objectives

- **Qualify for Federal Relief Following a Disaster**
- **Determine Feasible Actions in Each Community**
- **Begin the Planning Process**
- **Determine Support Needs**
- **Set Regular Meeting schedule**