After the Storm-
Building a Resilient
Magoffin County

2015 KAMM Conference- Lake
Cumberland State Resort Park

KAMM
Kentucky Association of Mitigation Managers
Magoffin County

<table>
<thead>
<tr>
<th></th>
<th>Magoffin County</th>
<th>Kentucky</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median household income</td>
<td>$25,461</td>
<td>$42,610</td>
</tr>
<tr>
<td>Per capita income</td>
<td>$14,505</td>
<td>$23,210</td>
</tr>
<tr>
<td>Living in Poverty</td>
<td>33.5%</td>
<td>18.6%</td>
</tr>
<tr>
<td>Unemployment Rate</td>
<td>17.1%</td>
<td>7.9%</td>
</tr>
</tbody>
</table>

Educational Attainment, Age 18+
- Less than HS: 4%
- HS diploma or equivalent: 9%
- Some college, no degree: 19%
- Associate's degree: 35%
- Bachelor's degree or higher: 33%

Average Annual Unemployment Rates 2004-2013
- 2004: 12.9%
- 2005: 11.9%
- 2006: 10.5%
- 2007: 10.8%
- 2008: 11.0%
- 2009: 18.4%
- 2010: 19.6%
- 2011: 16.5%
- 2012: 16.5%
- 2013: 17.1%

Adults 18+ with Associates' or Higher Degrees
- United States: 33.3%
- Kentucky: 25.8%
- Magoffin County: 12.4%
Why Plan?

Economic Resiliency: The ability of an economy to recover from or adjust to the effects of adverse shocks to which it may be inherently exposed.

- Economic Recession
- High Unemployment and Poverty
- Decrease in Coal Production-Severance Tax and Loss Jobs
- Natural Disasters
The Storm

• March 2, 2012- EF-3 Tornado hit Salyersville in Magoffin County
• No fatalities but widespread damage to house, businesses and school
Economic Development Opportunities

- Industrial Park Property
- Mountain Parkway Expansion
- Dawkins Line Rail-Trail Project = Tourism
- Disaster Recovery
- SOAR Initiative
Plan Components

• Quality of Life Improvements
  – Health
  – Housing
  – Education
  – Natural Environment
  – Economic

• Economic Diversification (Target Industries)

• Small Business and Entrepreneurship

• Tourism Development

• Commercial and Industrial Development

• Workforce Development

• Energy Efficiency

• Disaster Mitigation
Disaster Planning

- Mitigation
- Preparedness
- Recovery
- Response
Emergency Management Response

Disaster Recovery Center- FEMA
Emergency Management Plan
More than 10M in disaster Relief

• 4,800 storm survivors
• $5.7M in Housing Assistance
• 2,200 sustained damage/650 were destroyed
• 1,300 households received FEMA grants for temporary housing
• $3M in low-interest loans from Small Business Administration
Economic Resilience

WHY?
- To protect people, infrastructure and businesses
- Reduce impacts of hazards and losses from natural disasters.

How?
- Understanding risks and be proactive to move into action.
## Disaster Declaration History

<table>
<thead>
<tr>
<th>FEMA Disaster</th>
<th>Year</th>
<th>Incident Type</th>
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<tbody>
<tr>
<td>FEMA-DR-4057</td>
<td>2012</td>
<td>Severe Storms, Tornado, Flooding and Mudslides</td>
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<tr>
<td>FEMA-DR-4008</td>
<td>2011</td>
<td>Severe Storms, Tornado, Flooding and Mudslides</td>
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<tr>
<td>FEMA-DR-1912</td>
<td>2010</td>
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<tr>
<td>FEMA-DR-1841</td>
<td>2009</td>
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<tr>
<td>FEMA-DR-1818</td>
<td>2009</td>
<td>Winter Storm</td>
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<tr>
<td>FEMA-DR-3302</td>
<td>2009</td>
<td>Winter Storm</td>
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<tr>
<td>FEMA-DR-3231</td>
<td>2005</td>
<td>Hurricane (Katrina)</td>
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<td>FEMA-DR-1523</td>
<td>2004</td>
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<td>FEMA-DR-1475</td>
<td>2003</td>
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<td>FEMA-DR-1454</td>
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<td>Winter Storm</td>
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<td>FEMA-DR-1414</td>
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<td>FEMA-DR-1407</td>
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<td>Severe Storms, Tornado, Flooding and Mudslides</td>
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</table>
Risk Assessments

- $350M Landslides
- $342M Flooding
- $253M Wildfires
- $67M Landslides
- $133M Drought
- $342K Mine Subsidence
Flooding

May 2009 - $18M FEMA Relief for 20 Counties in Eastern Kentucky
What matters for Economic Development?

• Quality of Place and Quality of Life
  – Attract new businesses and talent
    • Recreational opportunities
    • Educational opportunities
    • Natural beauty and environment
Tourism Development

Build on Strengths:
Utilize the Licking River and Dawkin’s Trail as important linkages in the development of trails and tourism sites.

Kentucky Trail Town Initiative
Mitigation Strategies

• Floodplain Ordinance
• Land Use Planning
  – Infrastructure Design—roads, utilities
  – Siting of buildings and infrastructure
  – Soil stabilization/erosion control
• Adopt building codes and permitting process
• Protection of natural riparian buffers and stream banks
Small Business

- Economic goal to increase small business opportunities and entrepreneurship
- Majority of small businesses operate from a single location, making them more vulnerable compared to larger companies.
- Median cost of downtime for a small business due to extreme weather is $3,000 per day.
Business Continuity

- Integrating Local Businesses into Disaster Preparedness
- Business Continuity Template as a resource
  - Critical business activities and recovery action plan
- Supply Chains
- Communication
- Business Records
Questions?

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