# Miami Valley Regional Resiliency Plan Workshop II

Consensus of goals & outcomes for each recovery phase, recovery metrics, and roles & responsibilities of partners

Resiliency Planning to Date

- Resiliency Plan Kick-Off meeting held August 11, 2022
  - Identified what worked/did not work from 2019 Memorial Day tornadoes
  - Drafted a definition of resiliency for region
  - Identified core themes to incorporate into disaster recovery work throughout region

- Held initial meetings with each planning committee in November & December
  - Identified:
    - Most vulnerable populations impacted by disaster
    - Region's critical infrastructure
    - Federal, state and local funding partners

- Regional Resiliency Plan website will include information from each workshop and planning session

Figure 1. The Disaster Management Cycle and Phases
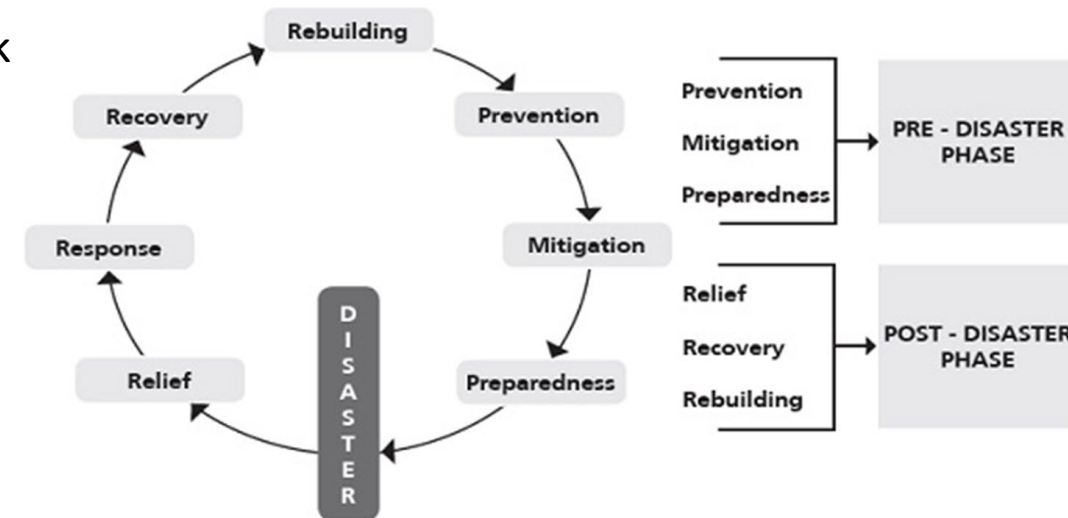
Source. Miththapala (IUCN), 2008

Resiliency Planning to Date

- A workshop with Ohio EMA, ODOT and ODNR was held February 16, 2023
  - Discussion from each agency on how to plan for resiliency now using resources already have
    - Themes:
      - Build relationships with local EMA, law enforcement and other community partners in times of "blue skies"
      - Have a strong debris management plan
      - Utilize training opportunities to support all staff and partners involved in disaster recovery response and coordination

- As part of the disaster preparedness planning we are hoping to establish a regional Community Organization Active in Disaster (COAD) consisting of members from the 2020 Long Term Recovery Operations Group
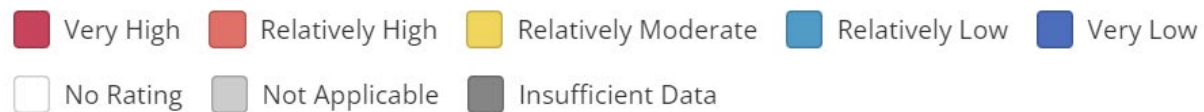
Risk Index for Miami Valley Region

Risk Index
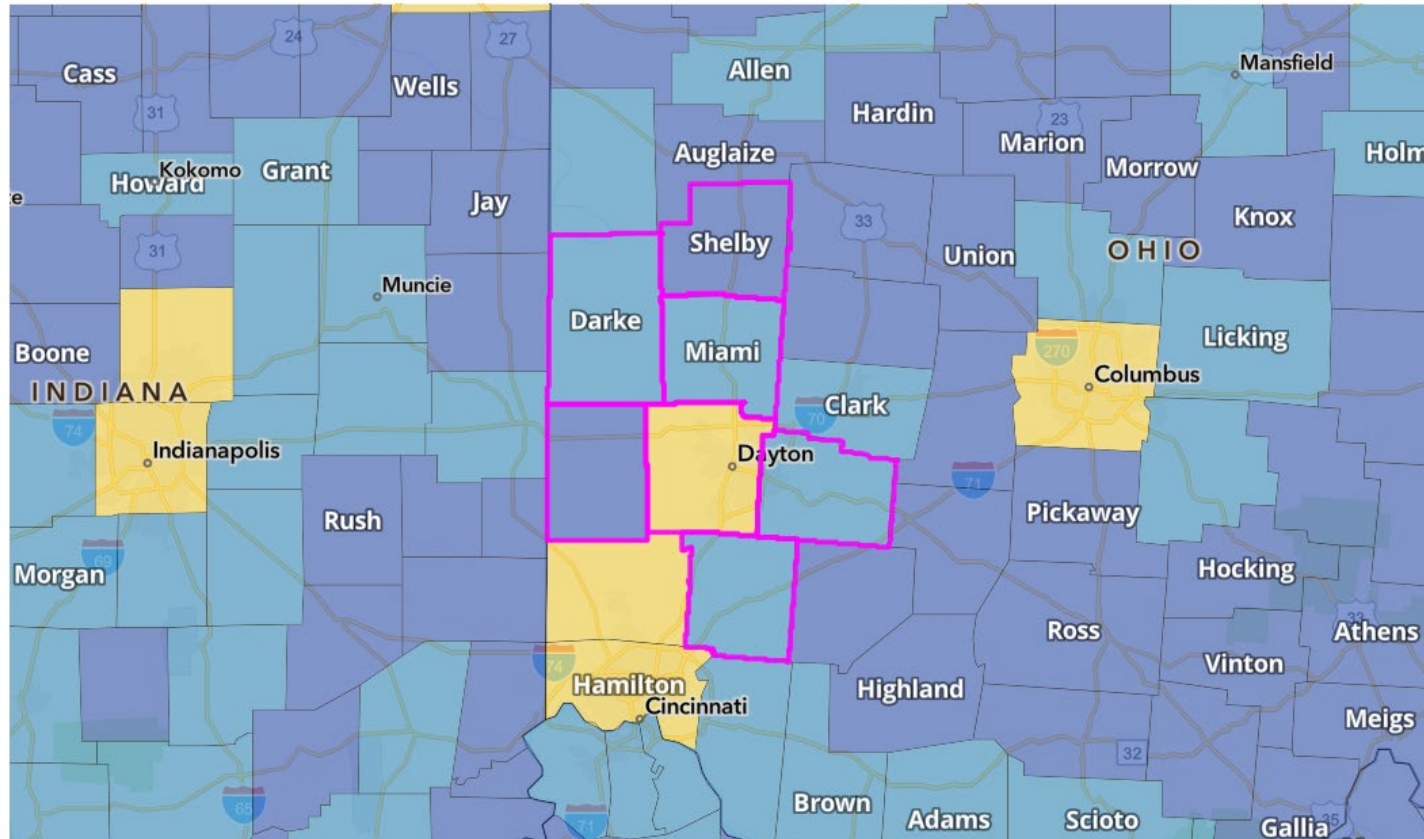
*Source: FEMA National Risk Index

https://hazards.fema.gov/nri/map

Natural hazards region is most at risk:
- Flood
- Wind
- Winter Weather
- Tornado

Risk Index Legend

Very High | Relatively High | Relatively Moderate | Relatively Low | Very Low

No Rating | Not Applicable | Insufficient Data
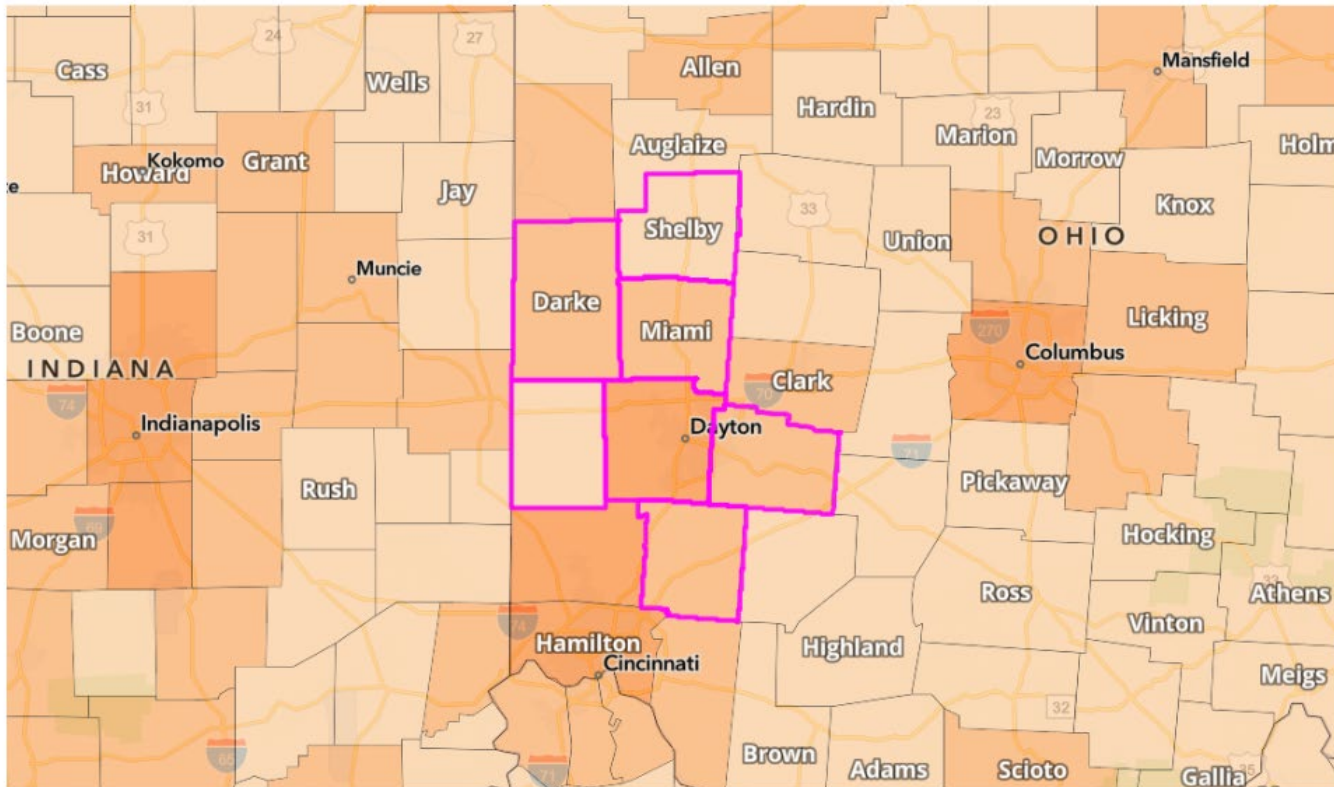
Expected Annual Loss to Miami Valley Region

Expected Annual Loss

Expected Annual Loss measures the expected loss each year due to natural hazards.

Expected Annual Loss Legend

Very High	Relatively High	Relatively Moderate	Relatively Low	Very Low
No Expected Annual Losses	Not Applicable	Insufficient Data

Quantifies loss for buildings, population and agriculture
- In our region the risk for the largest loss is buildings

Social Vulnerability of Miami Valley Region

Social Vulnerability

Social Vulnerability measures the susceptibility of social groups to the adverse impacts of natural hazards, including disproportionate death, injury, loss, or disruption of livelihood.
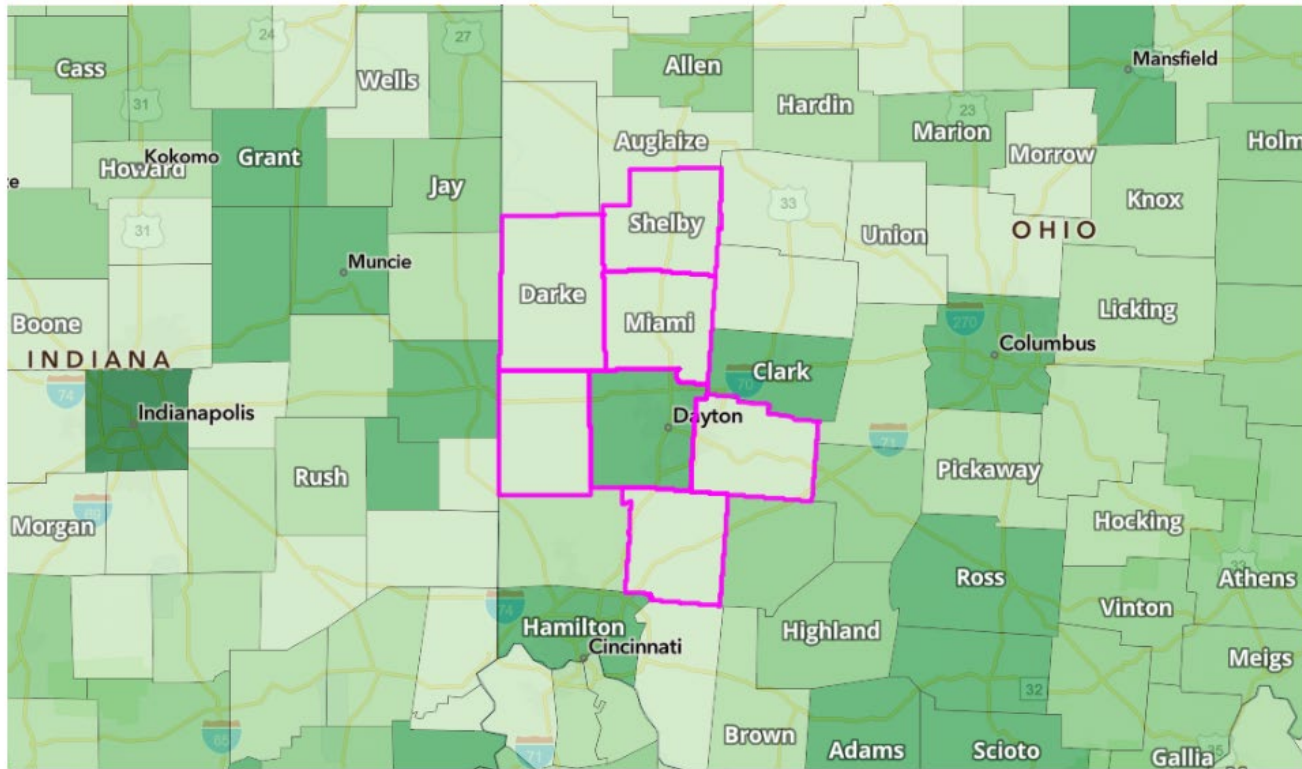
Considers the social, economic, demographic and housing characteristics when evaluating risk
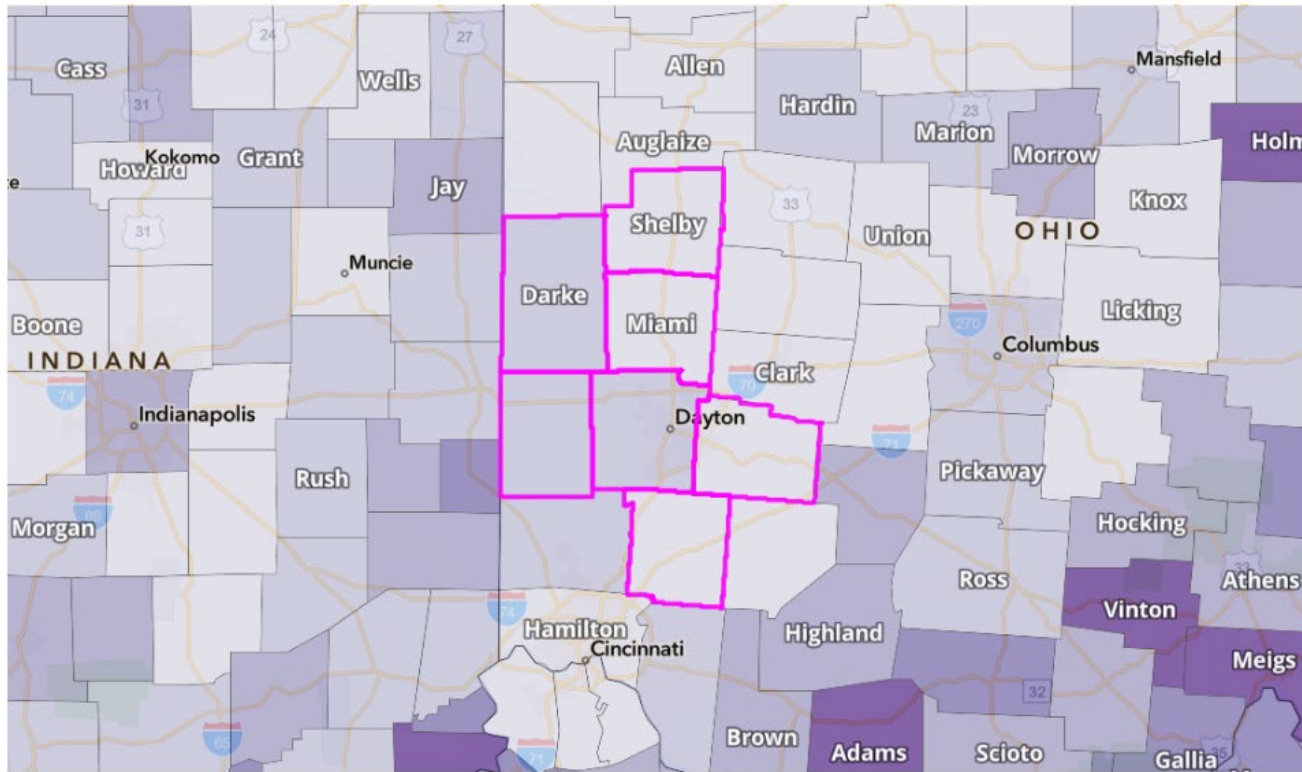
Social Vulnerability Legend

- ■ Very High
- ■ Relatively High
- ■ Relatively Moderate
- ■ Relatively Low
- ■ Very Low
- ■ Data Unavailable

Community Resilience of Miami Valley Region

Community Resilience

Community Resilience measures a community's ability to prepare for anticipated natural hazards, adapt to changing conditions, and withstand and recover rapidly from disruptions.
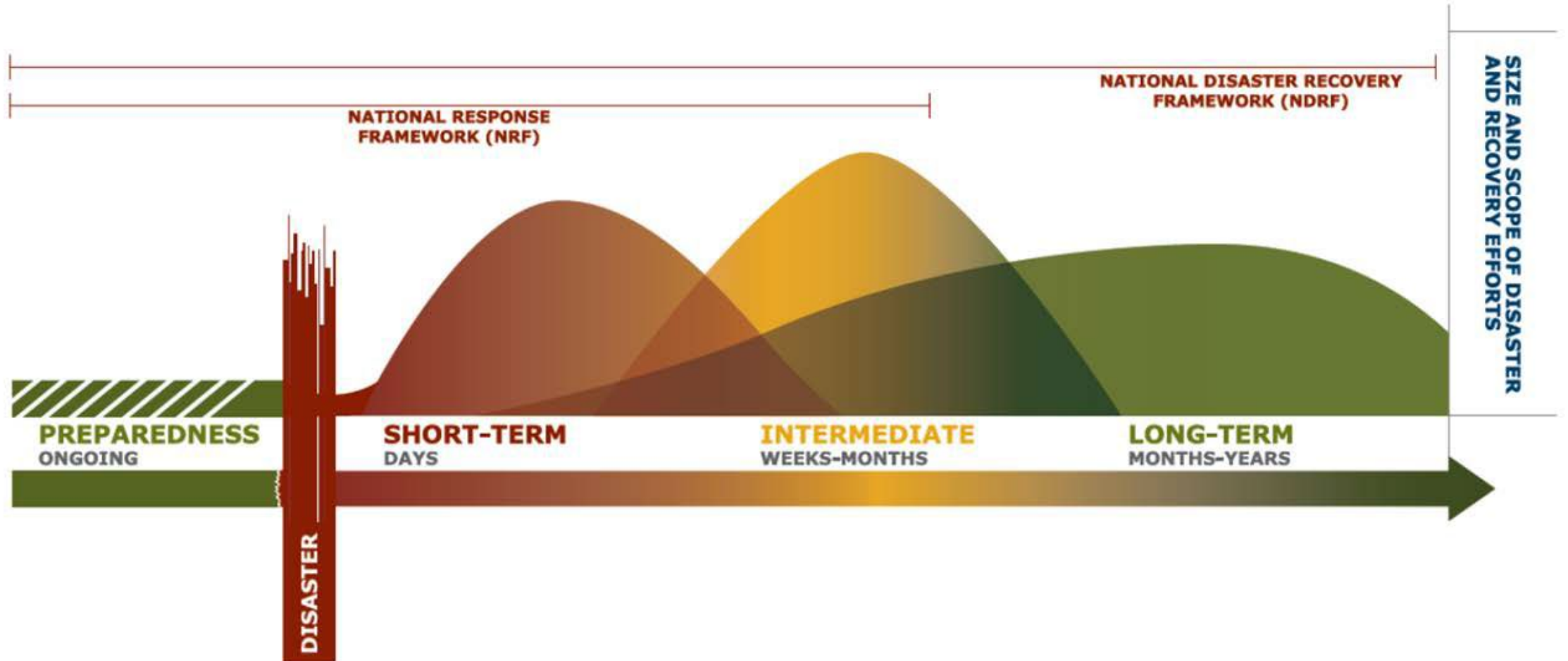
Evaluates variables related to physical attributes of populations, economic assets, buildings and infrastructure, access to resources, the community's social network, and the natural resource base and environmental conditions

Community Resilience Legend

- Very High
- Relatively High
- Relatively Moderate
- Relatively Low
- Very Low
- Data Unavailable

Disaster Recovery Continuum

Recovery Phase Goals & Outcomes

*Phase	Goal	Outcome
Planning/Preparedness	• Building relationships during 'blue skies' when a disaster or threat is not occurring • Evaluate federal, state, local partners • Establish recovery needs for each phase	• Community & recovery partners have been identified including volunteer networks • Federal, state, local funding partners have been identified • Recovery needs have been prioritized
Short Term Response	• Protective action for life-safety • Re-establish community lifelines • Gather initial impact information • Identify critical recovery properties • Reduce damage of built environment	• Complete life-safety measures • Community lifelines are partially or fully re-established • Complete initial damage assessment • Identification of immediate recovery objectives
Intermediate Response	• Support immediate recovery needs of survivors • Make repairs to critical infrastructure • Direct recovery activities to Local Disaster Recovery Manager • Repair/rebuild homes, businesses and other facilities • Activate long term recovery operations groups	• Displaced residents are transitioned out of emergency shelters • Critical infrastructure is in process of being repaired • Operations have been successfully transitioned from local EMA • Property & business owners are in process of repairing/rebuilding • Key groups have been activated
Long Term Response	• Satisfy recovery needs of survivors • Continue to repair/rebuild infrastructure & damaged structures • Review & develop long term recovery strategy	• Residents have returned to homes & businesses are fully open • Critical infrastructure is repaired and open to public use • Community is healthy and more resilient

Recovery Phase Goals & Outcomes

Link: https://www.menti.com

Code: 1205 5708

Emergency Management Cycle

Mitigation	Preparedness	Response	Recovery

GAME TIME

Practice and Scrimmage

Game Plan and Scouting

Strength and Conditioning

Build The Team

Press Conference

Manage Injuries

Watch the Tape

Refill the Gatorade

What does EMA do?

| Mitigation | Preparedness | Response | Recovery |

Training and Exercises

Emergency Operations Planning

Disaster

Hazard Mitigation Planning

Build Partnerships

EOC
Help
Situational Awareness

Resource Management

Coordinate External Assistance

Public Information

Damage Assessment Disaster Declarations

Individual and Public Assistance Programs

Community Lifeline Stabilization

After Action Review Lessons Learned

❏ **Handover to Long Term Recovery**

Response and Recovery

Impacted Population

Impacted Area

Take Care of Residents

Emergency Supplies

Sheltering

Assistance Center

Case Management

Community Engagement

Public Information

Press Engagement

Donation Management

Volunteer Management

Initiate Local Recovery

Damage Assessment

Debris Management

Utility Restoration

Critical Repairs
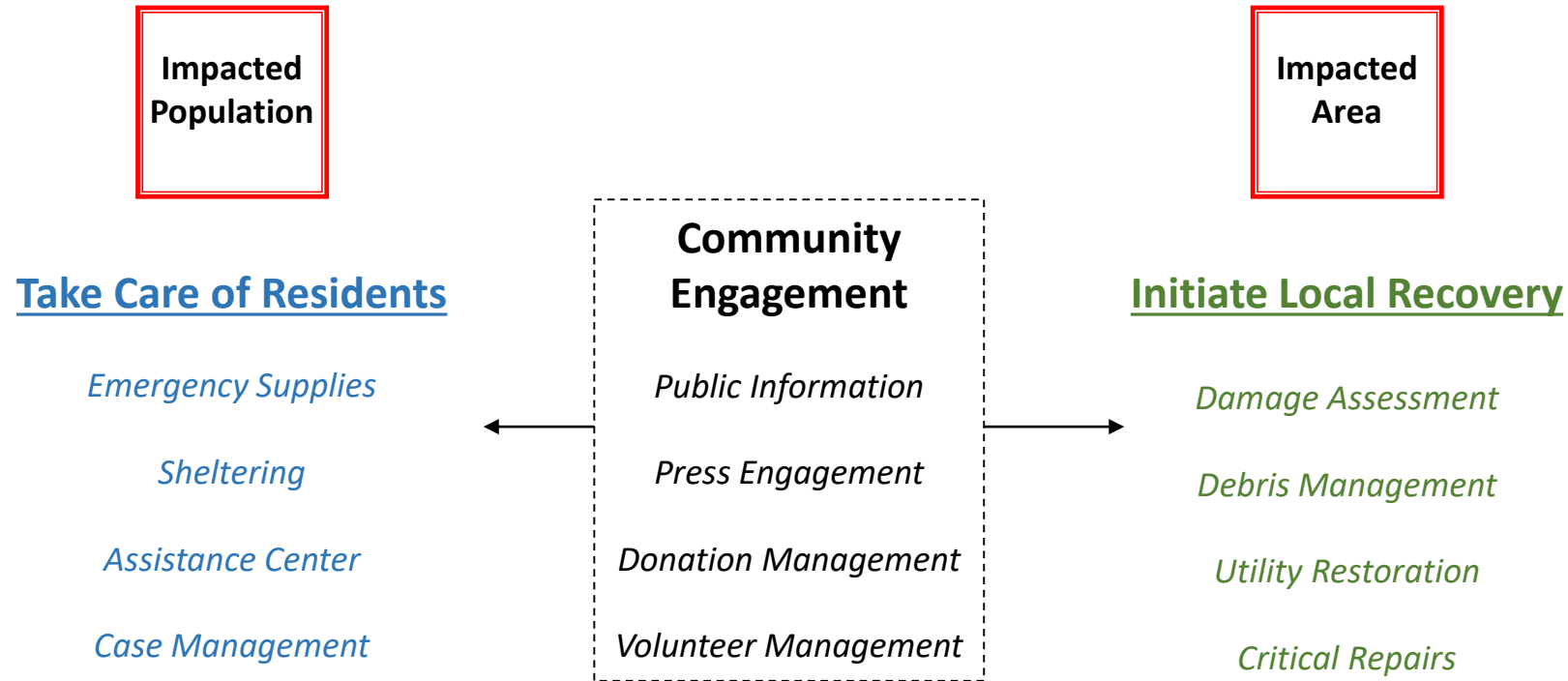
Who can help do this?   *Where can this be done?*

IN YOUR JURISDICTION...

Who is in charge?   *What assets are needed?*

Building a Recovery Network

- Local EMA provides immediate short term response
  - Critical for leadership across all governmental departments to have a strong relationship with EMA Director

- To ensure smooth transition throughout each phase of recovery communities are encouraged to identify a Local Disaster Recovery Manager (LDRM)
  - This is the primary point of contact responsible for the coordination of intermediate and long term community recovery

- Roles & Responsibilities Activity
  - This will help to begin building the recovery network
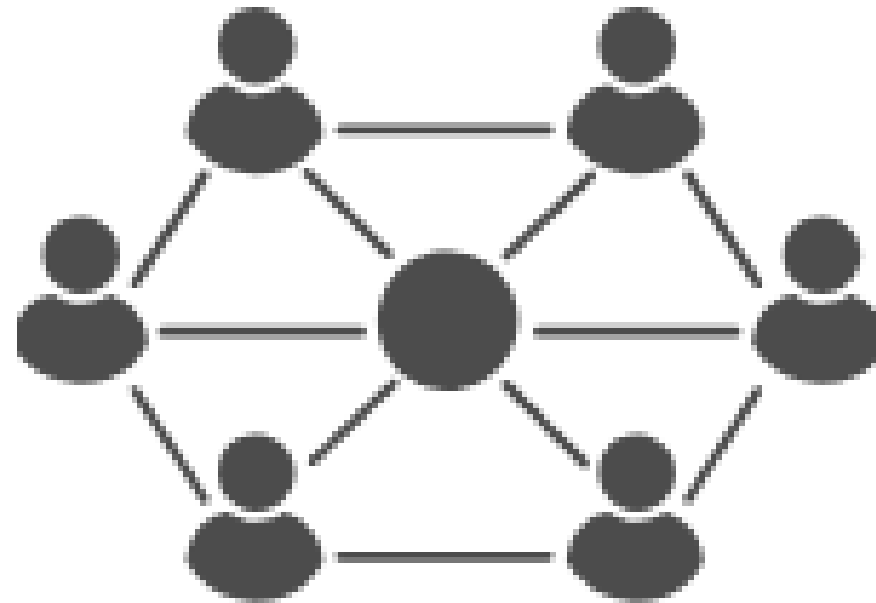
Metrics to Measure Progress

Community Planning & Capacity Building	Economic Recovery	Health & Social Services	Housing	Infrastructure Systems	Natural & Cultural Resources
• Debris removed, tons • Families/people served • Residents retained in community • Public facilities re-opened • Resiliency plans established	• Businesses re-opened • Individuals back to work	• Schools reopened • Survivors supported • Food systems restored • People serviced by public transit for basic services (employment, medical, edu.) • Medical facilities re-opened	• Housing units recovered • Number of residents relocated to long-term housing • Housing units demolished • New developments • Displaced persons	• Communication systems recovered • Transportation systems restored • Utility systems restored • Roadways reopened	• Environmental features restored • Natural resources restored • Green space restored • Number of trees planted • Historical buildings restored • Recreation facilities reopened

*Proposed metrics identified through the survey regional resiliency plan survey

Upcoming Training Opportunity

MGT-472ILOH: Planning for Transitional and Long-Term Housing After a Major Disaster

In-Person Training – May 17, 2023

The Montgomery County Emergency Management and the Miami Valley Regional Planning Commission sponsor this training.

Who: Public and private sectors in Montgomery County, the State of Ohio, and FEMA Region V.
When: May 17, 2023
Where: 460 Vantage Pt, Floor 2, Miamisburg, OH 45342
Time: 9:00 AM ET - 3:00 PM ET (This will include an hour for lunch and breaks throughout the training.)
How:
- Complete the pre-test before May 17, 2023.
- Part 1: Independent self-paced lessons 1-3 from MGT-472.
- Part 2: Attend the in-person session.

Cost: Free
Enroll: https://ncdptraining.org/MGT-472-OH-23

Damage after a tornado damages a neighborhood in Dayton, OH. AP Photo: John Minchillo

About this Training

This instructor-led course provides learners with information on the importance of pre-planning for housing recovery to accelerate recovery after a disaster occurs.

Upon completion of this course, the learner will be able to:

1. Identify concepts of disaster housing and identify the importance of disaster housing planning.
2. Identify best practices for implementing the Transitional Sheltering Assistance Program and Disaster Case Management, and Community Development Block Grant – Disaster Recovery (CDBG-DR) Program.
3. Identify the benefits and limitations of temporary housing.
4. Identify the benefits and limitations of long-term recovery assistance.
5. Identify public resources to assist in planning and ensure adherence to local building codes, permitting, and utility restoration.
6. Identify the roles and responsibilities of the disaster housing task force.

▶ **Sign Up to Enroll in the Training**
1. **Register** for a FEMA SID at https://cdp.dhs.gov/femasid/register.
2. **Create** an account at https://www.ncdpcourses.org/.
3. **Select** the icon to register that says: "MGT 472ILOH Planning for Transitional and Long-Term Housing After a Major Disaster," and select the *Enroll* icon.
4. **Select** the icon to take the pre-test. The pretest should be completed before the training.
5. **Reminders** will be sent out before the live session. For registration assistance, email ncdptraining@columbia.edu.

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475 Riverside Drive, Suite 401, New York, NY 10115
212.853.NCDP
ncdptraining@columbia.edu
www.ncdpcourses.org

- MVRPC and Montgomery County EMA are co-hosting a free training opportunity on May 17th geared toward housing after a disaster

- Training is free and open to all MVRPC members

- Please share with anyone you feel may benefit from or be interested in the opportunity

Click on this link to register or lean more
https://www.ncdpcourses.org/catalog/Default.aspx?id=1224&type=course&searchParam=MGT472ILOH

Questions?

Question regarding disaster recovery or resiliency planning please contact:

Elizabeth Baxter, ebaxter@mvrpc.org or 937-531-6538