

# Wisconsin Emergency Management

Hazus Use in Wisconsin

# HAZUS MH

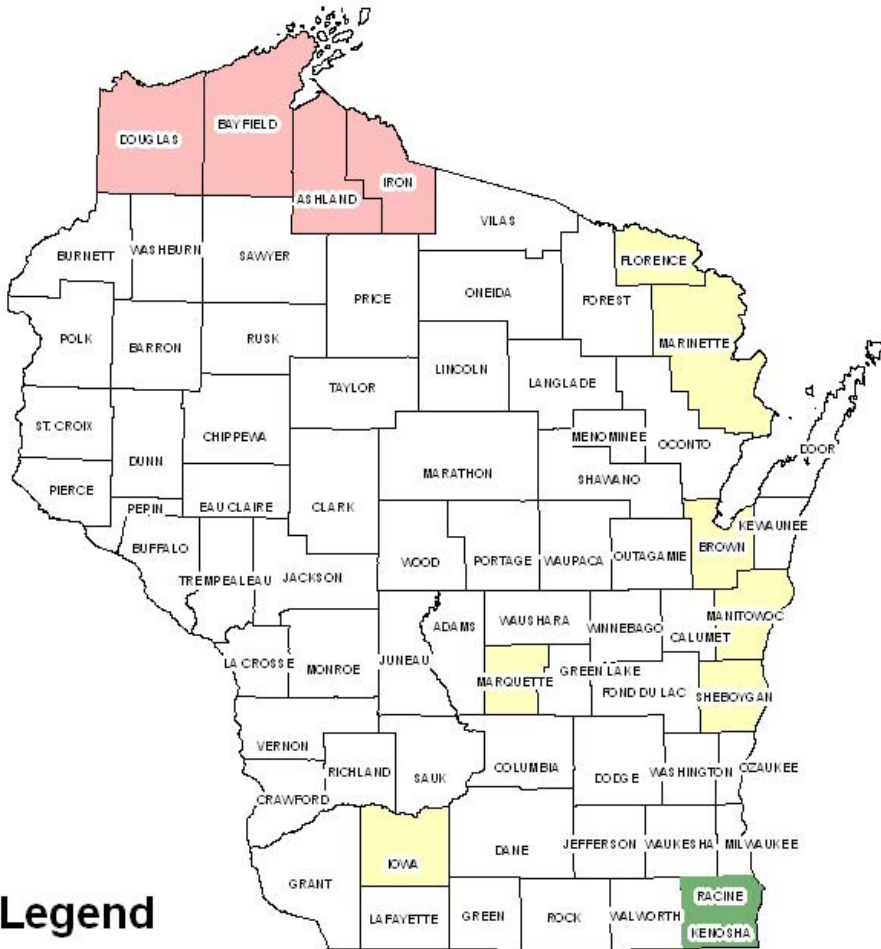
- HAZUS is...
- HAZUS does...
- HAZUS doesn't...

# History

- URS develops Risk Assessment for WI State Hazard Mitigation Plan using HAZUS – Tiger Data only
- Hazus Basic Class at EMI
- Initial Hazus use at WEM
- Communication with developers and IUPUI Professor
- Release of MR-1
- HAZUS MH class at WEM EOC

# What is happening now

- Designed initial plan to perform 100 year study
  - Goals
    - Statewide damage estimates for property and debris
    - These estimates that could be used in
      - the State Hazard Mitigation Plan update
      - Local Hazard Mitigation plans as they are created and updated
- Timeline
  - 72 counties take one week each
  - Two Hazus runs at a time
  - Approx 1 year to complete



## Legend

- Counties finished normally
- Counties finished in 2 divisions
- Counties that took more than 4 divisions

# Unforeseen challenges

- 1 mile resolution proved to be very difficult in some counties – more than 700 reaches
- “Bad reaches” caused HAZUS to hang -the process to restart is time consuming – fixed in MR2?
- Coastal was not working because it was designed for sea level – fixed in MR2?
- How do we “sew” the counties back together that were divided up – will HAZUS generate reports
- How do we “sew” the state together - Will HAZUS generate a summary report for the state
- Need to insure that people know that HAZUS is intended to create “Damage Estimates” not NFIP maps

# Future

- MR2
- CHUG Users Group <http://www.hazus.org/CHUG/>
- HAZUS Page on State Web site  
<http://emergencymanagement.wi.gov/subcategory.asp?linksubcatid=1618&linkcatid=37&linkid=30>
- Patch and MR3
- HAZUS runs must be verified
- Future of HAZUS
- How can WLIA use HAZUS?
- How can Emergency Management help LIO's
- How can LIO's help Emergency Management