HAZUS-MH APPLICATION: HURRICANE WIND

Quick Assessment Report

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Regional Statistics	
Area (Square Miles)	862
Number of Census Tracts	10
Number of Buildings	
Residential (× 1000)	49
Total (× 1000)	49
Number of People in the Region (x 1000)	73
Building Exposure (\$ Millions)	
Residential	3,978
Total	4,372
Scenario Results	
Peak Gust Wind Speed (mph)	165

Number of Buildings Damaged

Occupancy	Ninor	Moderate	Severe	Destruction	Total
Residential	4,549	11,294	12,899	18,937	47,680
Other	17	53	126	12	208
Total	4,566	11,348	13,025	18,949	47,888
elter Requirements					
Displaced Households (# Households)					20,377
Short Term Shelter (# People)					
onomic Loss					
Residential Property (Capital Stock) Losses (\$Millions)					3,564
Total Property (Capital Stock) Losses (\$ Millions)					
Business Interruptions (Income) Losses (\$ Millions)					674

DATA AND ANALYSIS DISPLAYED:

- Number of residential buildings damaged (minor, moderate, severe, destruction)
- Number of displaced households (due to building damage and/or lack of utilities)
- Short-term shelter requirements (# people who require/seek public shelters)
- Economic loss



POTENTIAL USES

- Estimate requirements for Preliminary Damage Assessment (PDA) teams, housing inspectors.
- Identify potential requirements for food, ice.
- Identify potential requirements for temporary roofing repairs (blue plastic sheeting)
- Use estimates of residential building damage (severe and destruction) to identify upper range of temporary housing/ other IA requirements
- Use estimates in conjunction with aerial imagery to identify parameters of housing damage.
- Initial scaling of requirements for insurance adjustor teams to be deployed to field.

Confidence Level in Analysis: Moderate to High

