

Understanding and Working with the Players

Roles in an Emergency Situation

Tuesday, February 26, 2008

"It is coordinate-and-cajole more than command-and-control," Eckels said. "But we are all working together on a plan, we are all following that plan."

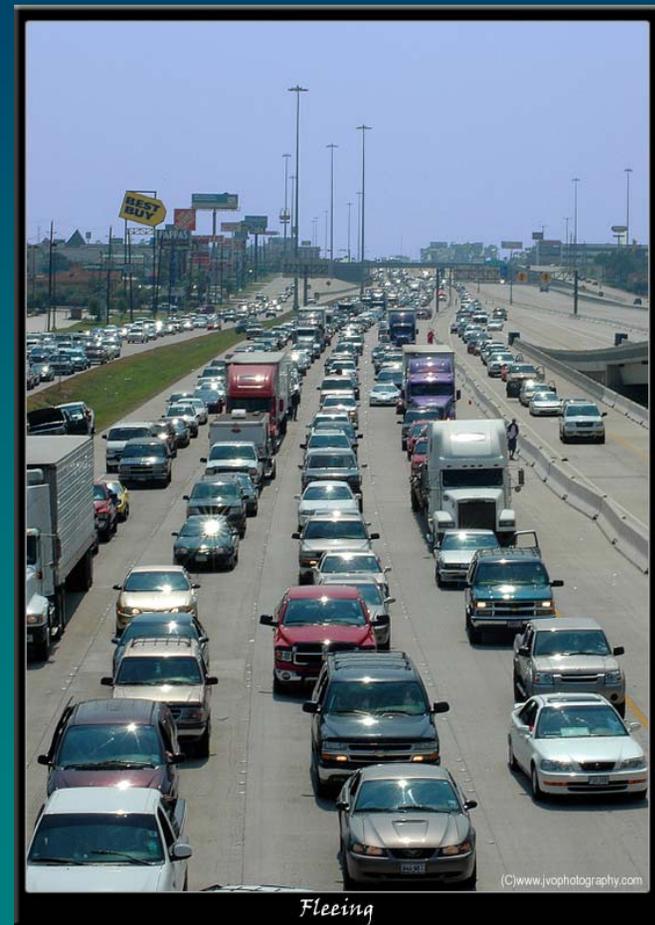
Hurricane Rita Track



Wikimedia Commons: Created using [User:jdorje/Tracks](#). The [background image](#) is from [NASA](#). Tracking data from the [National Hurricane Center](#).

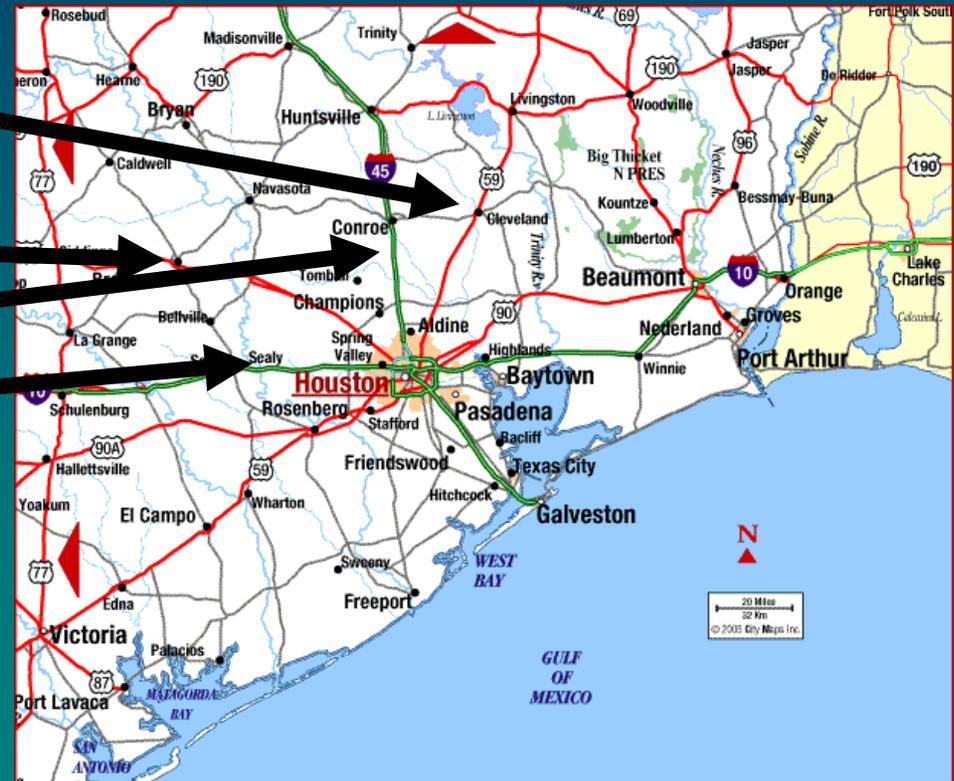
What happened?

- Estimated 1 to 1.5 million people attempted to evacuate the city
- Transportation network was overwhelmed and broken down to “parking lot” status
- Some people spent more than 24 hours on the evacuation routes
- Fatal accidents, abandoned cars, and other safety issues



The Problem

	Number of Lanes
US 59	2
US 290	1
I-45	2
I-10	2
Total	7



Source: William E. King

Fact Finding Meetings

- Towing Industry Coordination (1/12/06)
- ISD Coordination (1/18/06)
- Fueling (1/24/06)
- Aerial Surveillance Assets (1/26/06)
- Upland Flood Risk (2/1/06)
- TXDPS/TTI/TXDOT (2/9/06)
- METRO and Private Bus Companies (2/15/06)
- Communication (2/22/06)
- Media Interface (2/28/06)
- Hospitals (3/1/06)
- Ship Channel Industry Coordination (3/3/06)
- Nursing Homes (3/15/06)
- Receiver Counties (3/24/06)
- Home Health Care (3/28/06)

Critical Issues

- Traffic Management Plan
- Command and Control
- Evacuating People with Special Needs
- Moving Fuel
- Public Education

Current Activities

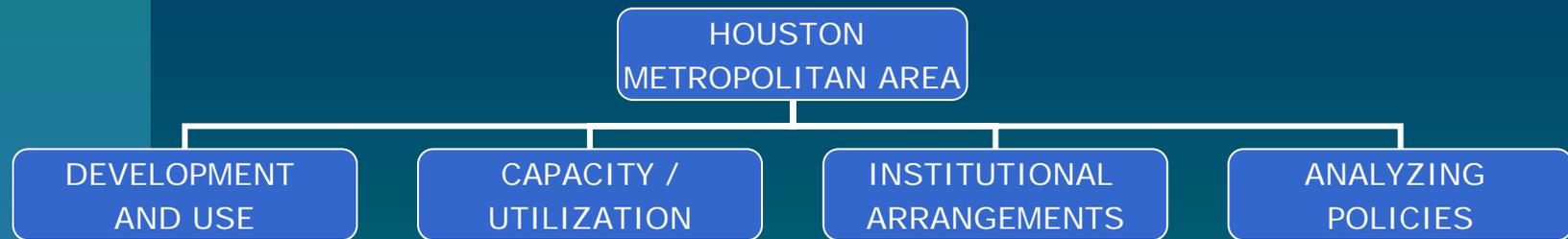
Region

- Recommendations Report
- **Evacuation Modeling**
- Hurricane/Severe Storm Center
- **Public Outreach Plan**
- Identifying Those Needing Assistance
- Securing Transportation
- **Traffic Management Plan**

State

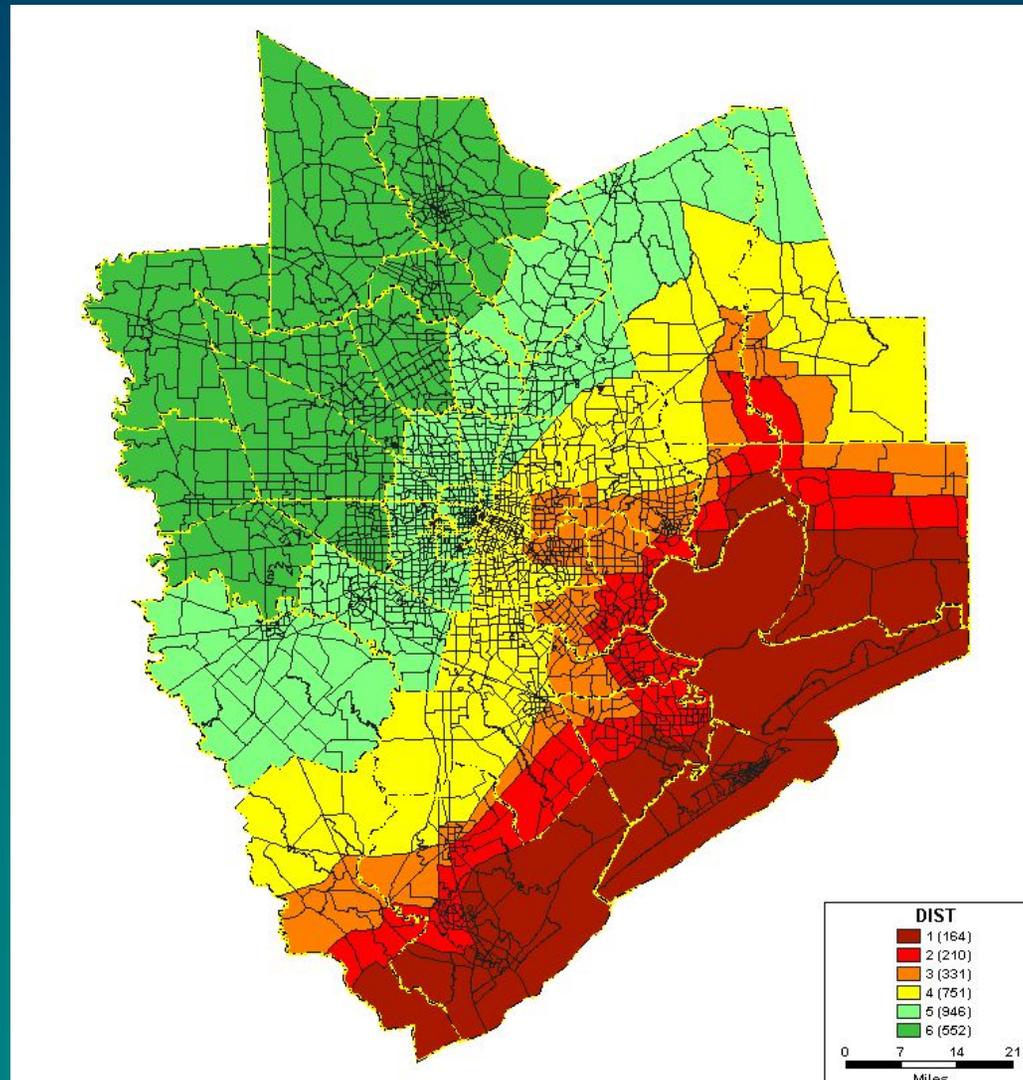
- Contraflow Plans
- Relief Centers
- Sheltering Plan
- Towing
- Fueling
- 311

Objectives of the Evacuation Model

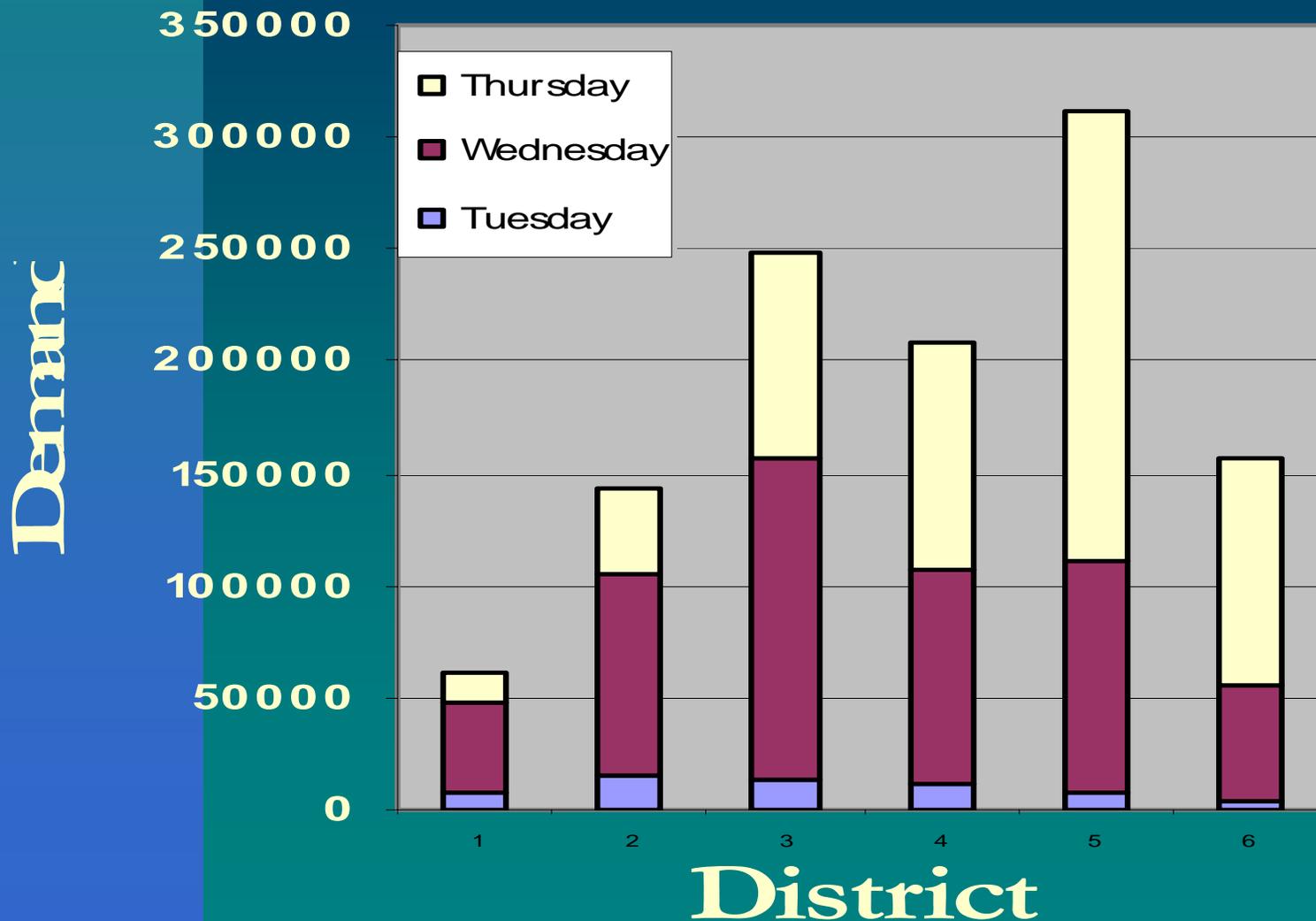


- Defining evacuation planning
- Defining Traffic Management Plan
- To test various evacuation scenarios
- To examine the tool for long term strategies to increase capacity or reduce vehicular demand
- Estimate traffic volumes and delays

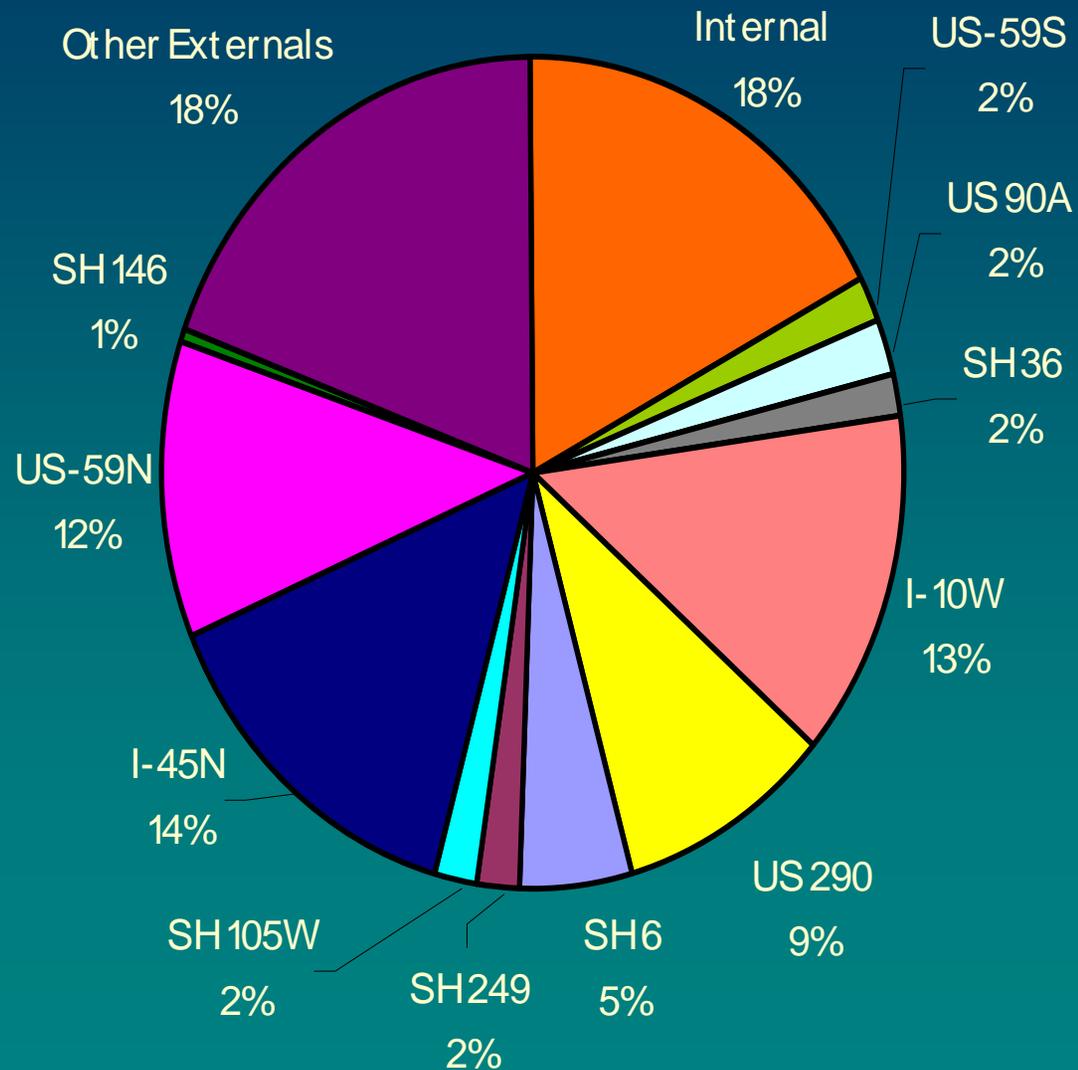
Evacuation Analysis



Rita Evacuation Demands (Sept 20-22)



Evacuation Route and Destination



For More Info

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