

# *Virginia's Damage Prevention Progress Report*



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# Damage Prevention in Virginia

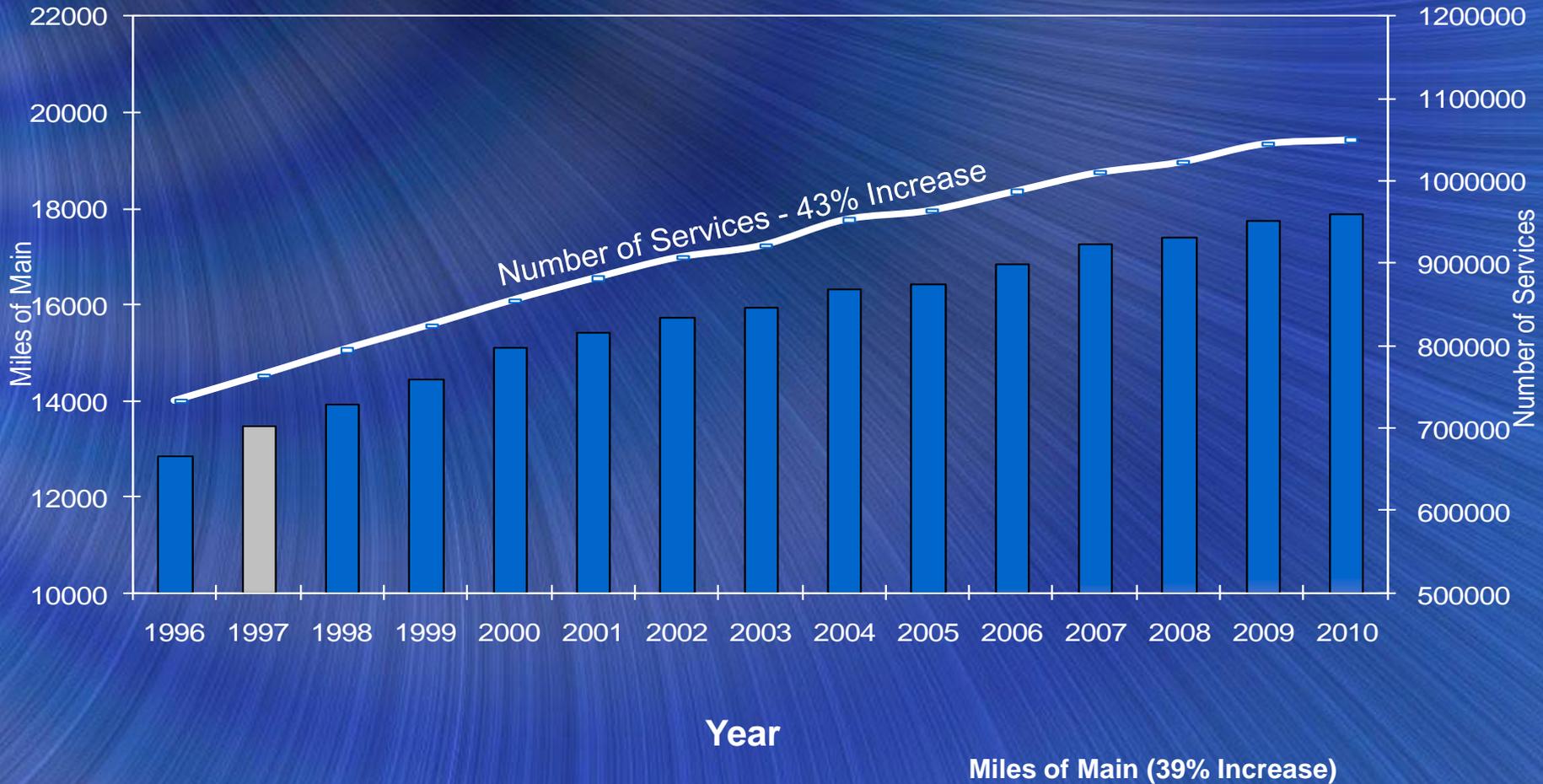
- Virginia has enjoyed a successful damage prevention program over the last 15 years
- Damages have been reduced through a combination of stakeholder efforts
- We still have challenges to overcome to continue our progress

# Damage Prevention in Virginia

- A few of the challenges were discussed during last year's conference and actions were taken or are underway
- A few issues and challenges are going to be discussed during this conference
- I'm confident that together we'll continue our progress

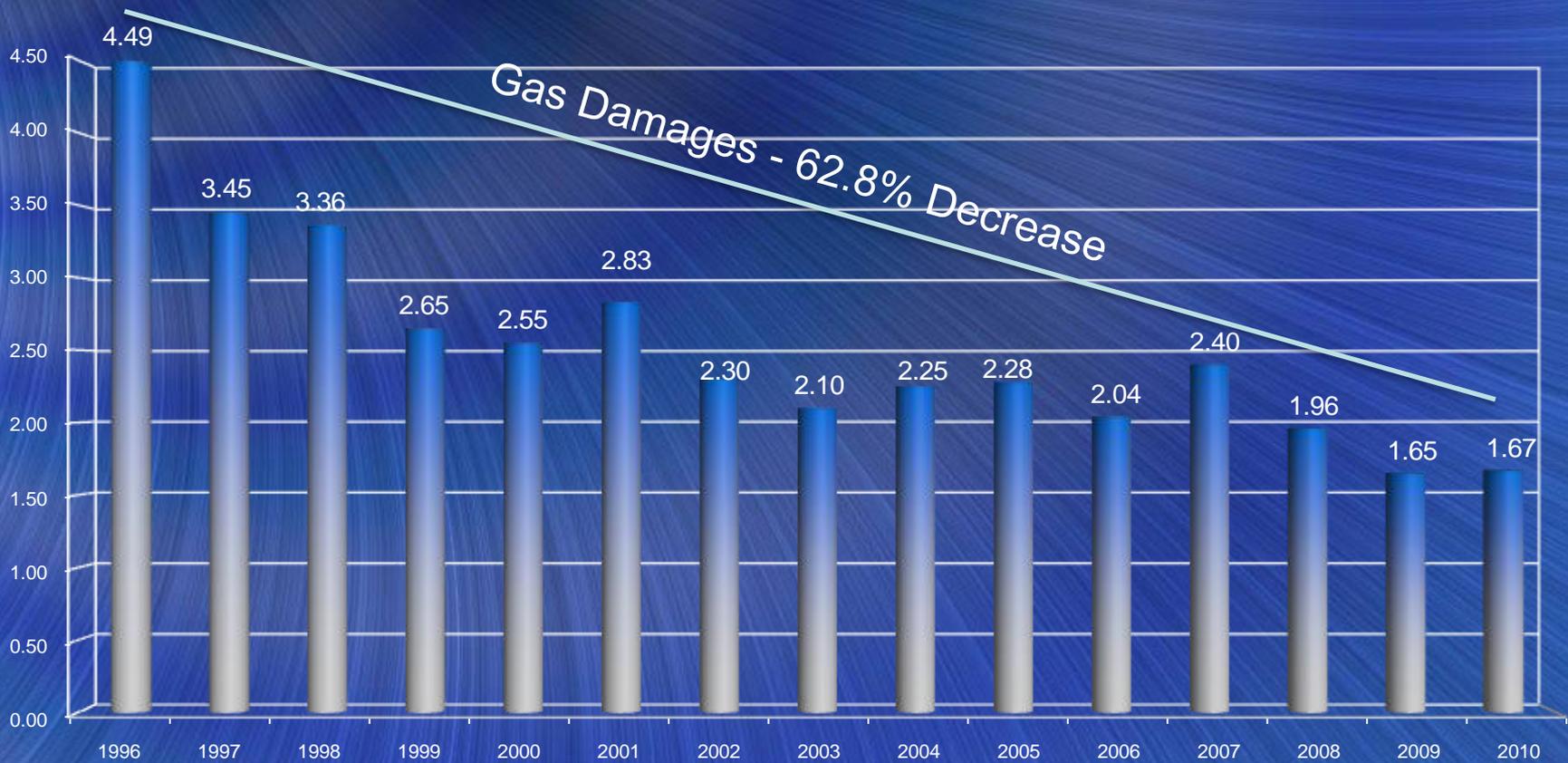


# Gas Distribution Growth



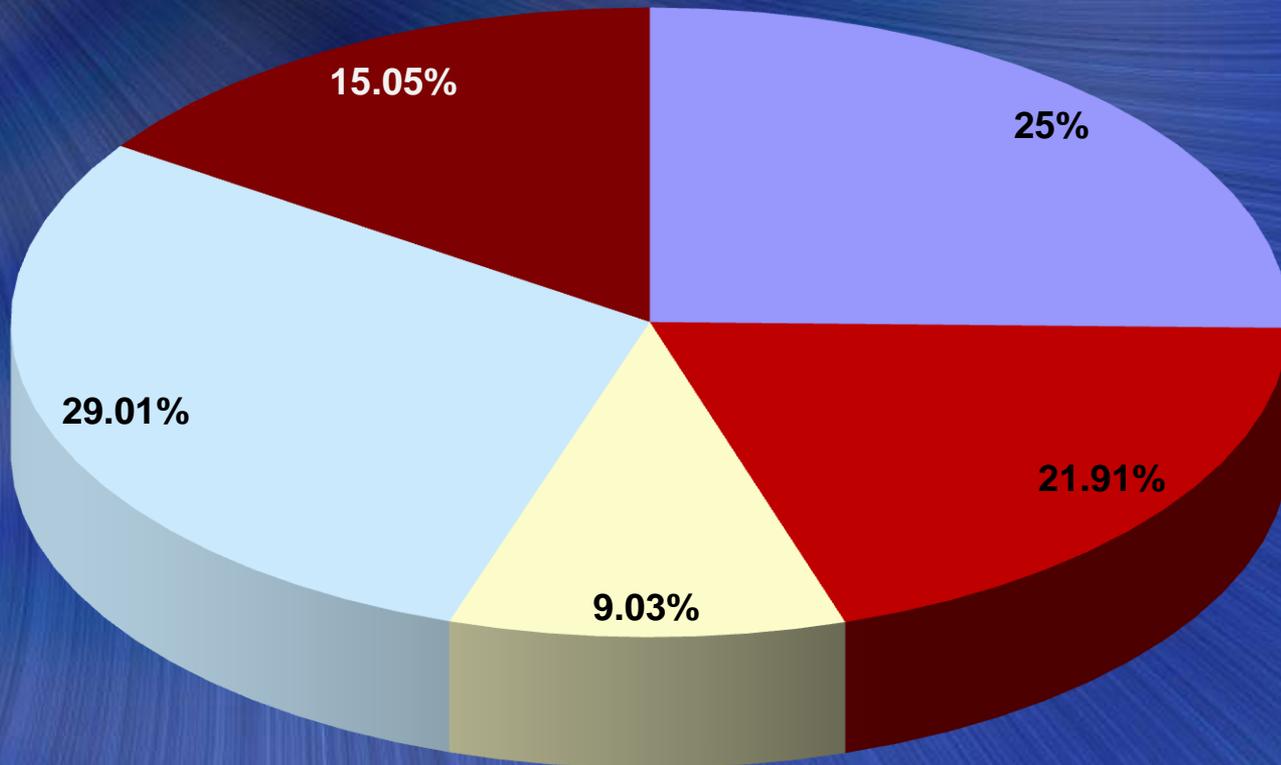


# Gas Damages per 1,000 Gas Tickets



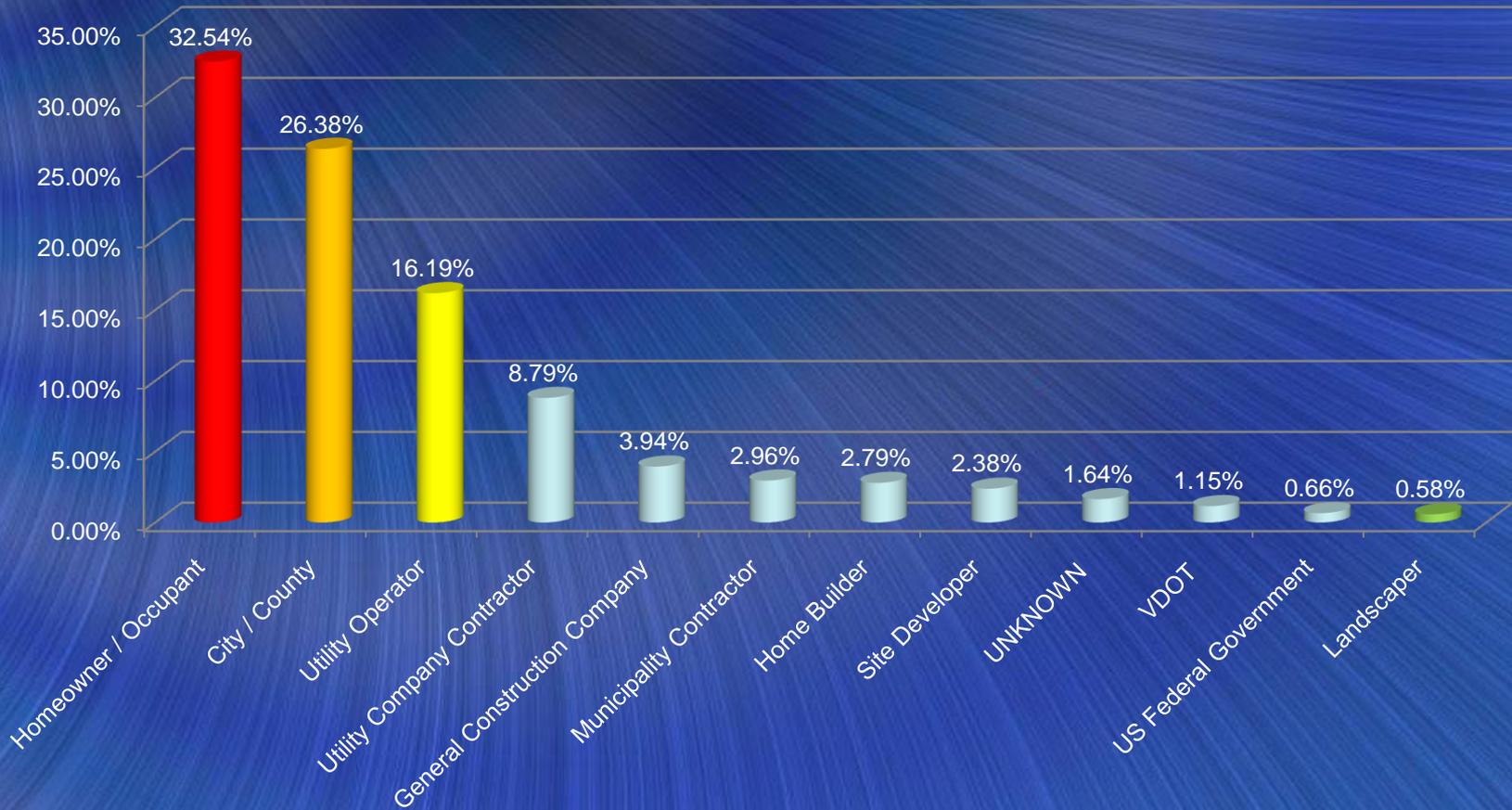


# 2010 Gas Damage Cause Distribution





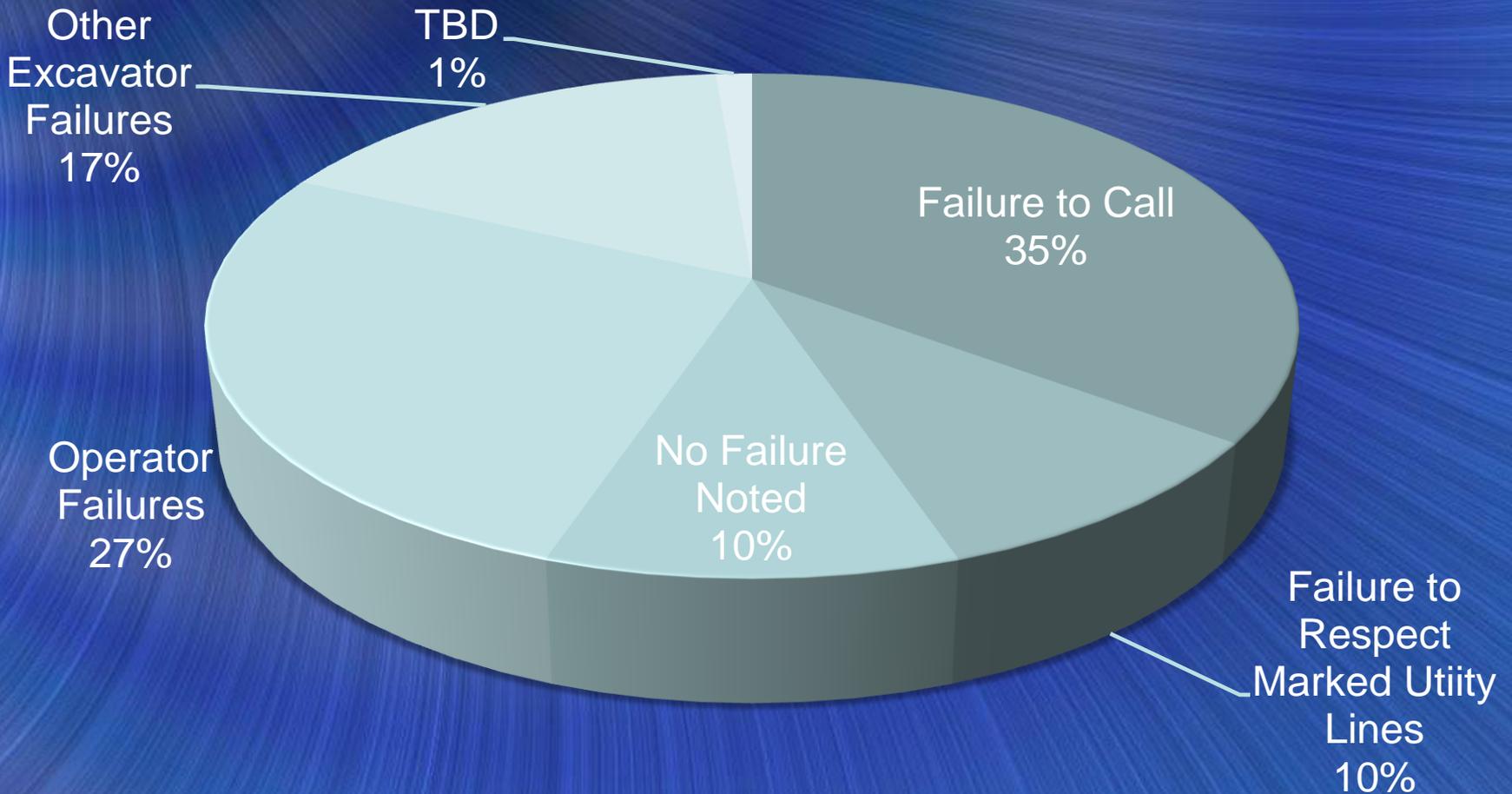
# Gas Damages While Working For: 2010 Data Summary





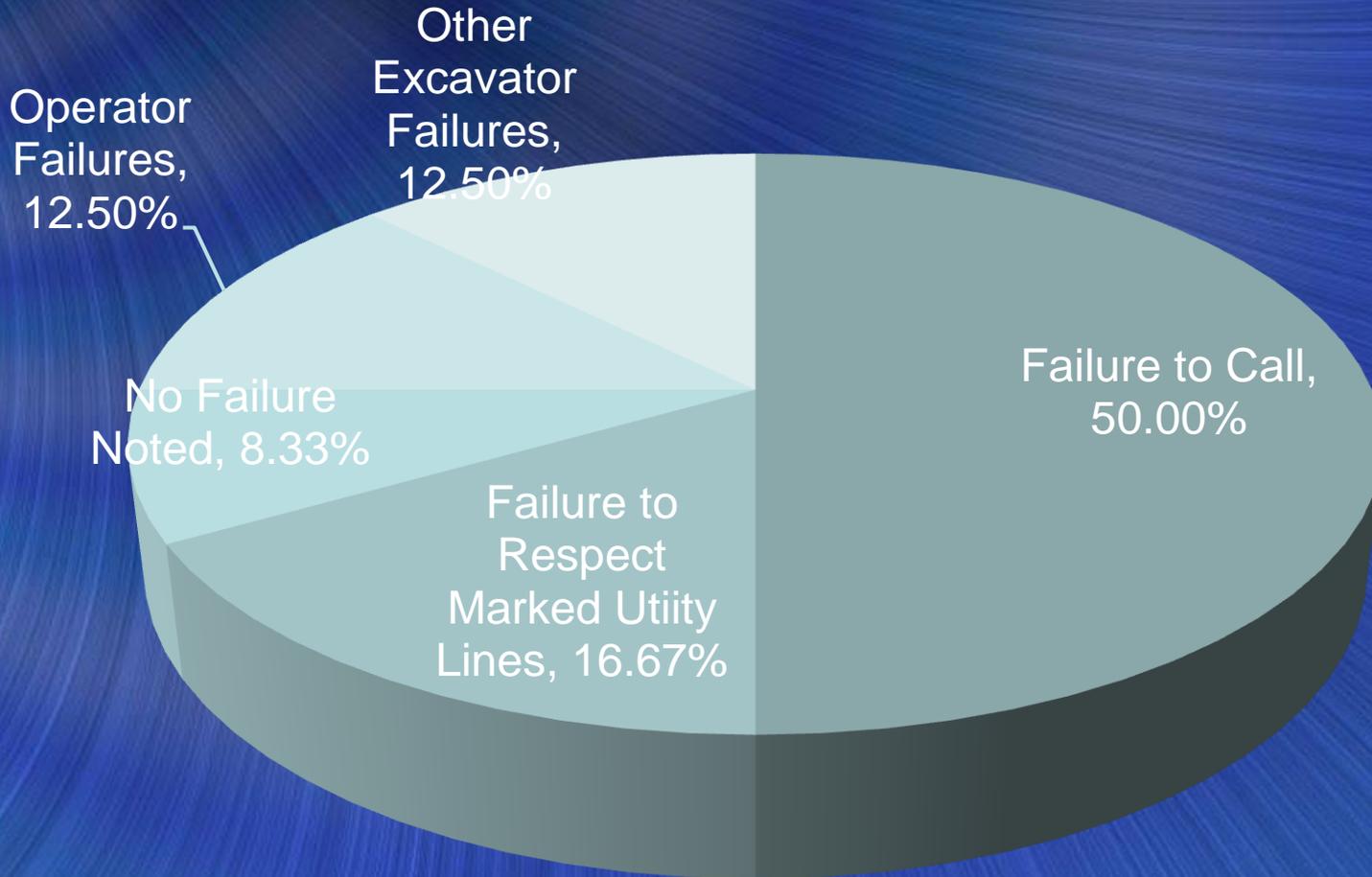
# Damage Cause Breakdown

## Work Done For: Owners/Occupants





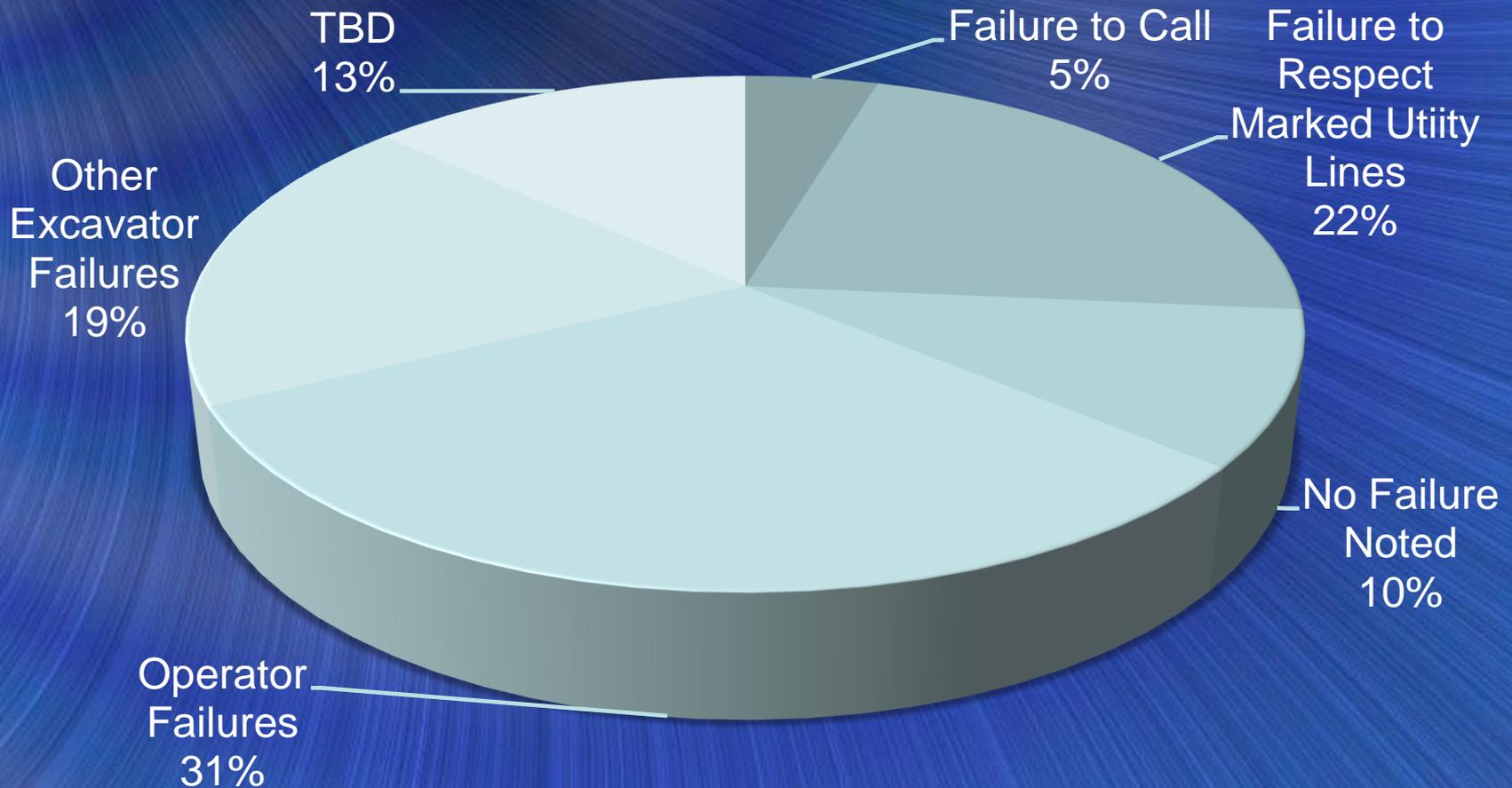
# 2010 Cause Distribution When Landscaping





# Damage Cause Breakdown

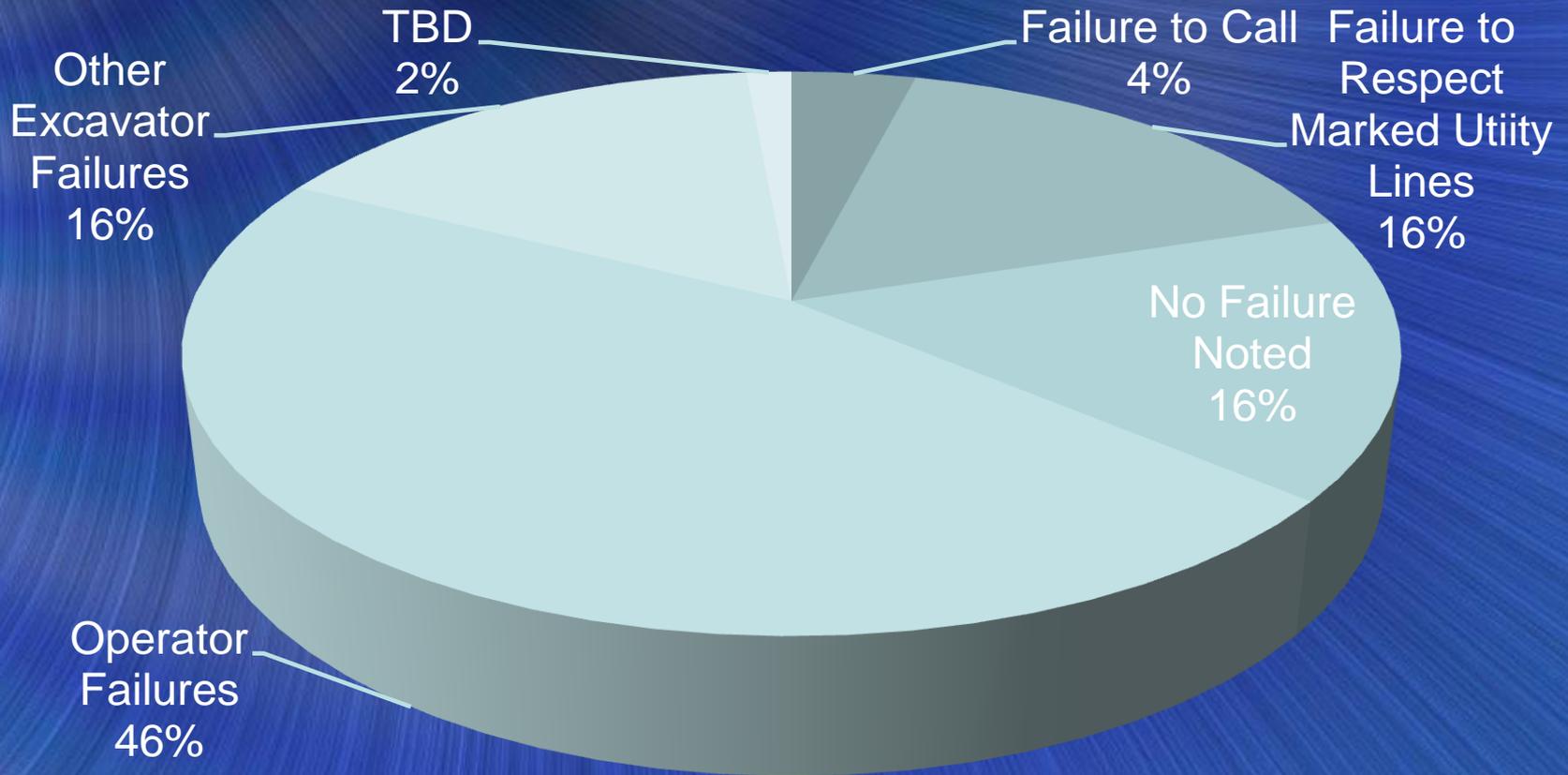
## Work Done For: **Cities or Counties**





# Damage Cause Breakdown

## Work Done For: **Operators**





# Conference Sessions

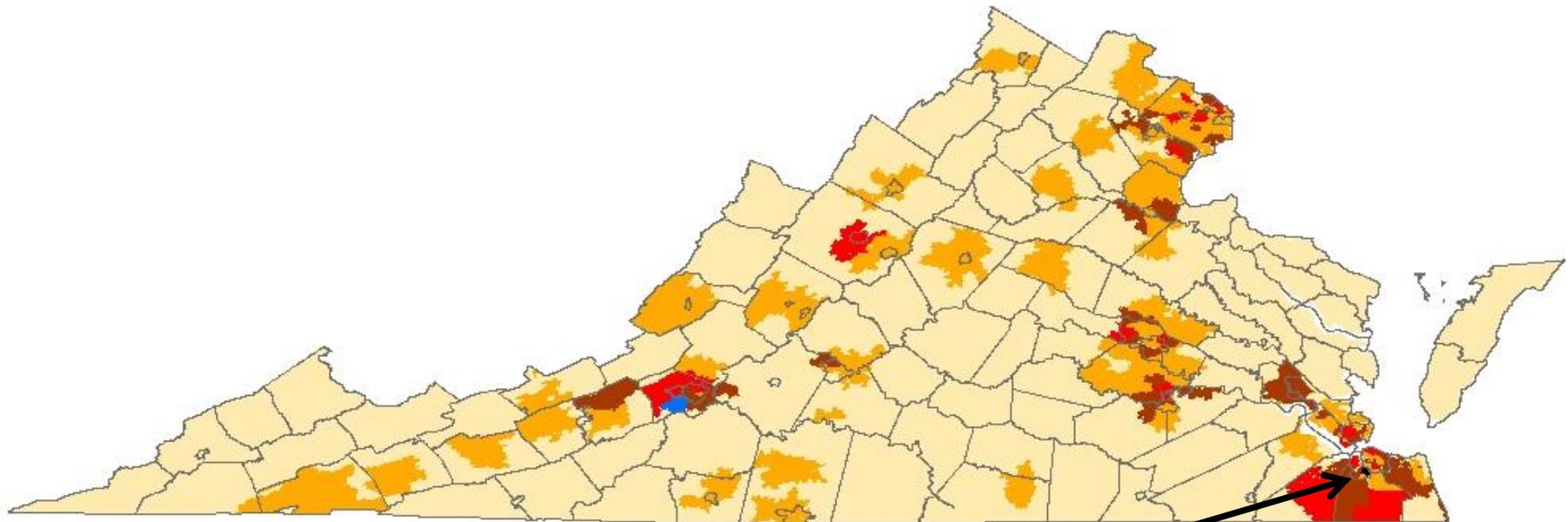
- **Effective Education and Outreach Programs**
  - *VUPS, Operators, and the Commission must identify areas where damages are occurring and focus outreach efforts to address these problems.*
  - *Must coordinate our efforts to get the biggest bang for each buck!*



# Use Data to Improve Damage Prevention

- **Sound decisions require use of accurate data**
- **Analysis must be detailed enough to allow focus on root cause**

# 2010 Virginia Gas Damage Concentration Map



## Damages per Zip Code



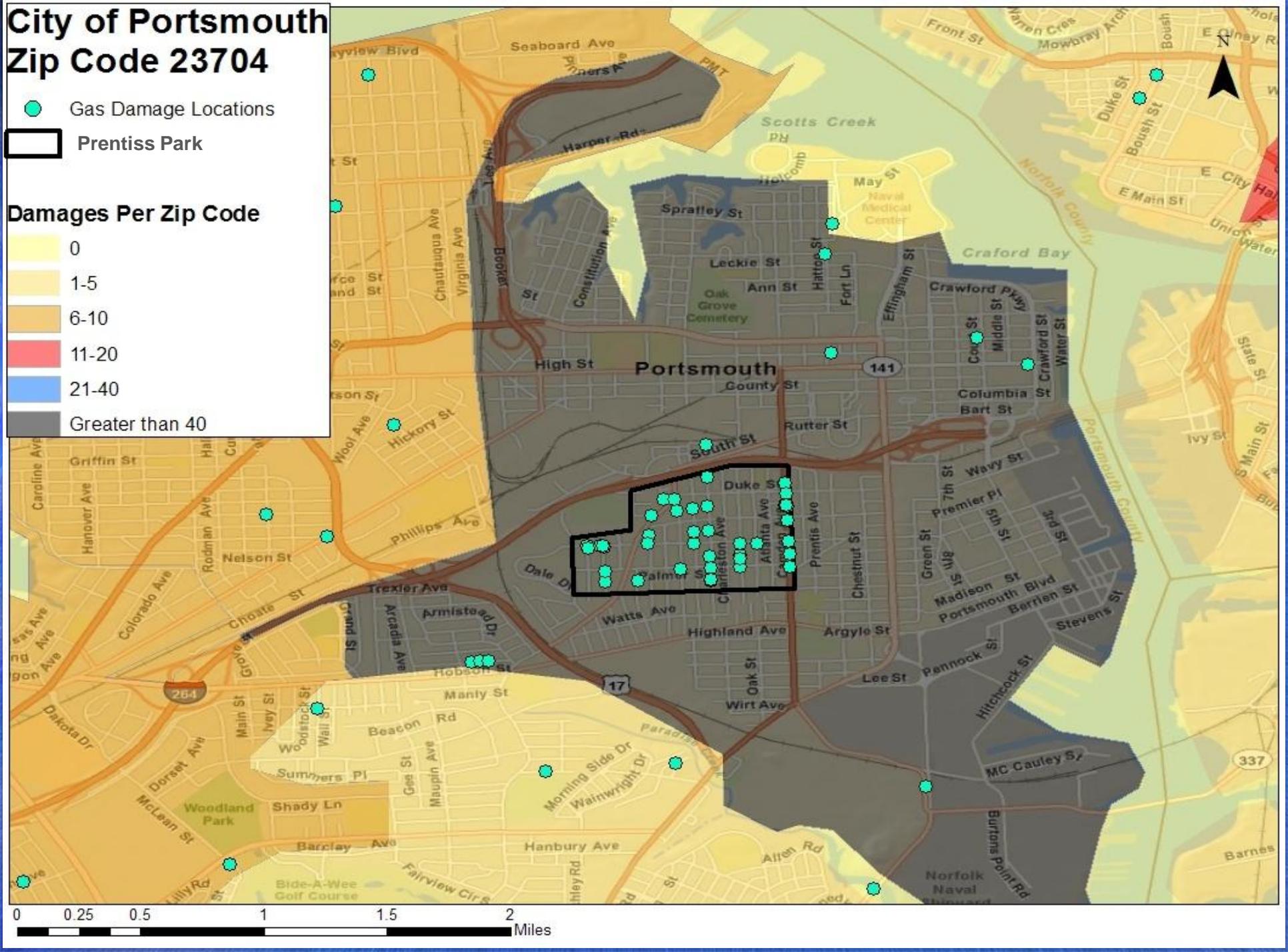
Source: State Corporation Commission, 2010  
Created by: Division of Utility and Railroad Safety, 2011

# City of Portsmouth Zip Code 23704

 Gas Damage Locations

 Prentiss Park

## Damages Per Zip Code



# Prentiss Park Portsmouth, VA

Area  $\approx$  .3 sq miles

- Hand Digging using Best Practices  
7 Damages
- Operator/Locator Failures  
13 Damages
- Excavator Failures  
17 Damages
- Under Investigation  
6 Damages
- Prentiss Park Rehab. Location





# Other Conference Sessions

- **Technology Update**
  - **Virginia has led in the use of technology to improve the entire process**
  - **We have been involved in proving the concepts and pushing certain technologies**
  - **We must continue to adopt proven technologies**



# Breakout Sessions

- **Should Ticket Size and Scope Determine Due Time?**
  - Will explore if different size projects should be marked on a different timeline
- **Abandoned Lines**
  - Will explore potential solutions to address this growing problem



# Our Continued Success Will...

- Depend on using data to identify, analyze, and forecast risks
- Take appropriate and focused actions to mitigate those risks
- Be innovative and proactive to address issues for all stakeholders



# Remember, the risks are high!





Enjoy, Participate, and Have a  
Great and Productive  
Conference!