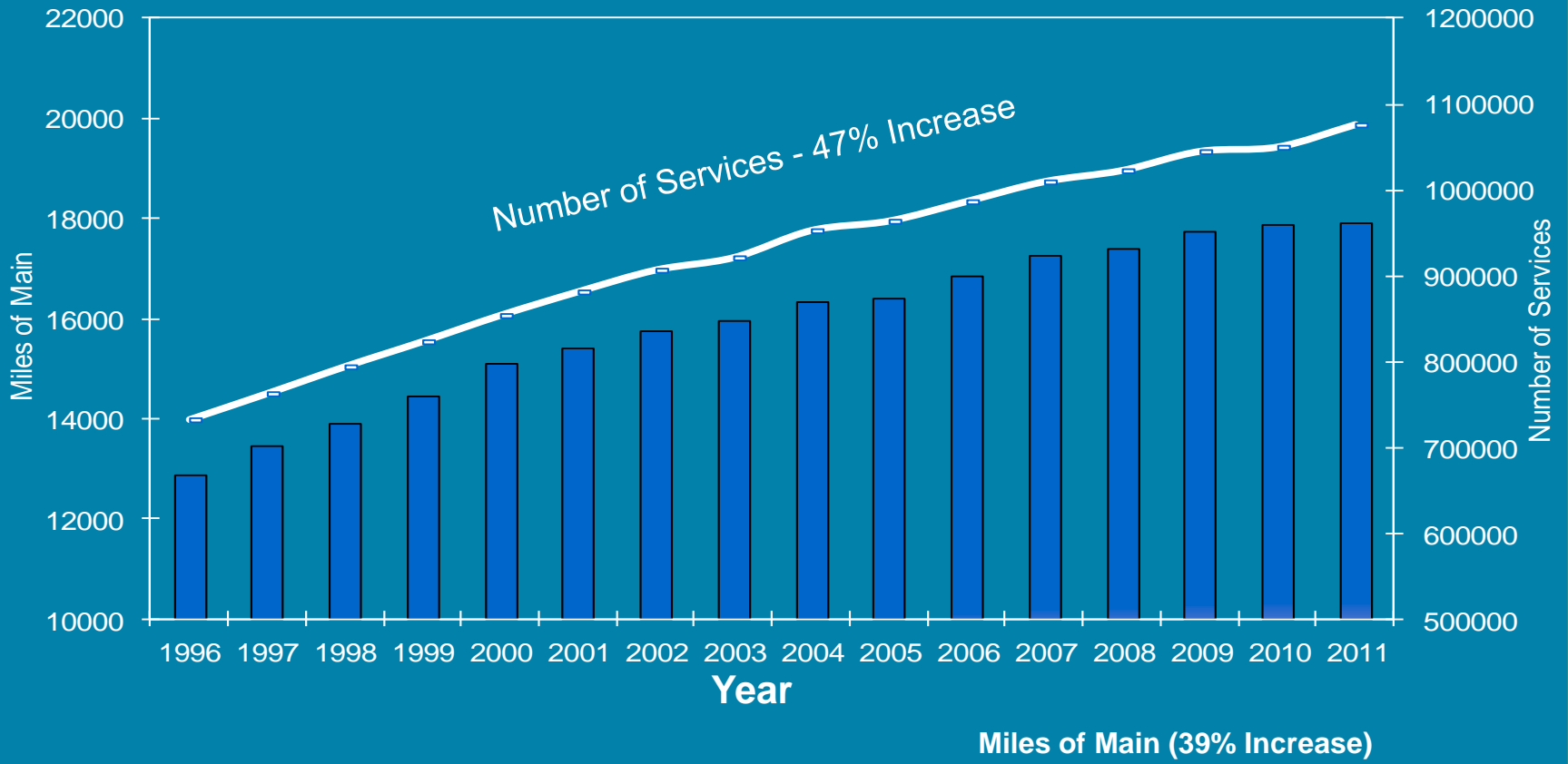




# Virginia's Damage Prevention Progress Report

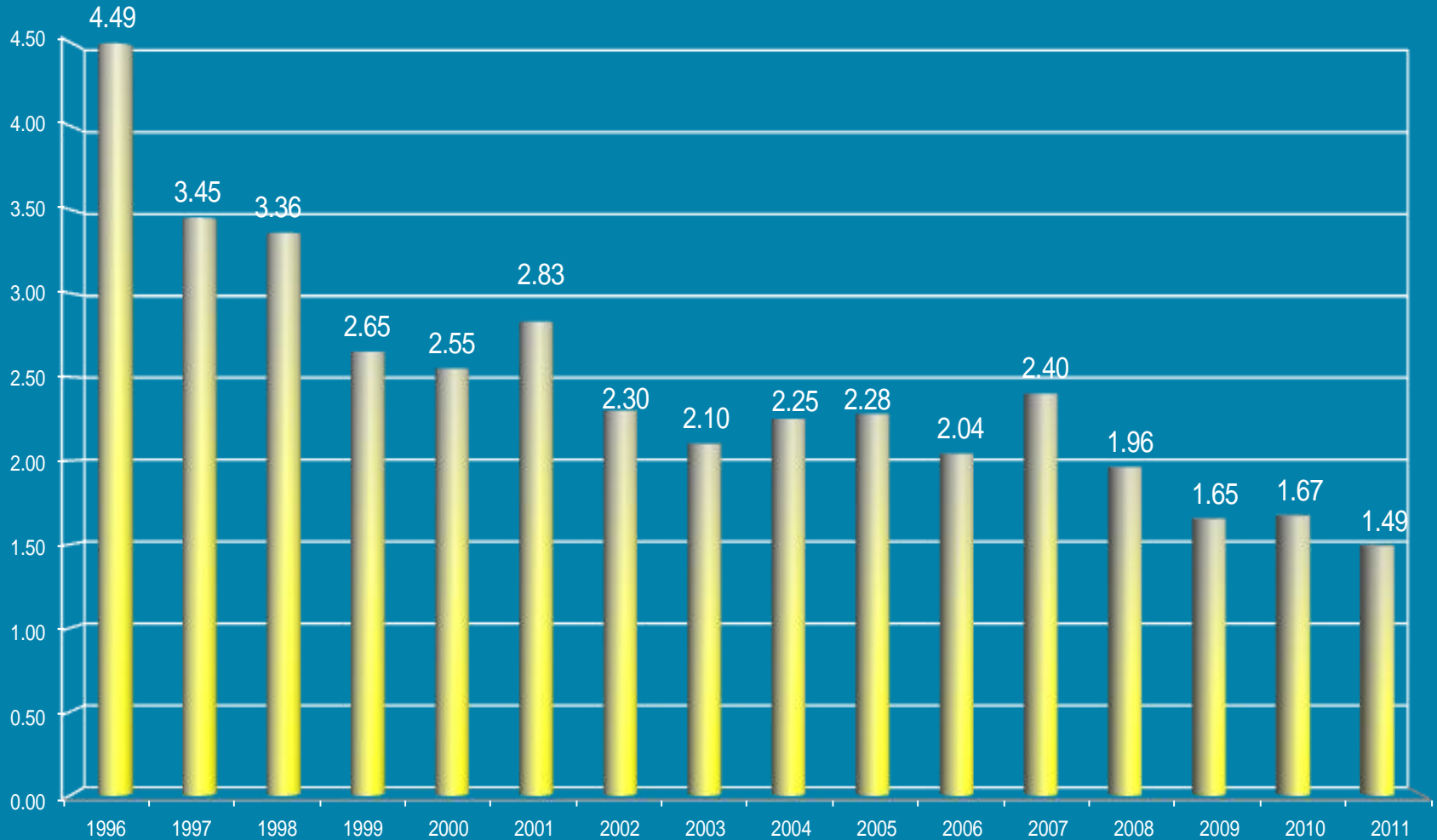
Massoud Tahamtani  
Director  
Division of Utility and Railroad Safety

# Gas Distribution Growth



# Virginia's Program Results

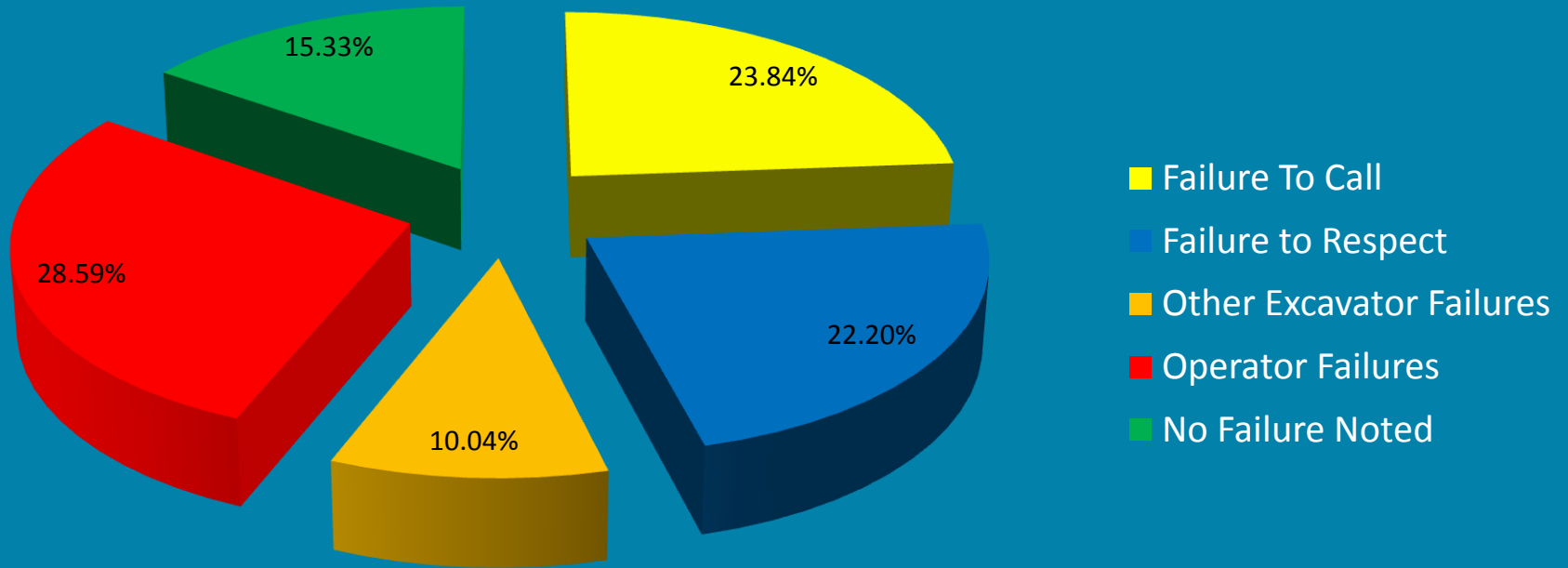
## Gas Damages per 1,000 Gas Tickets



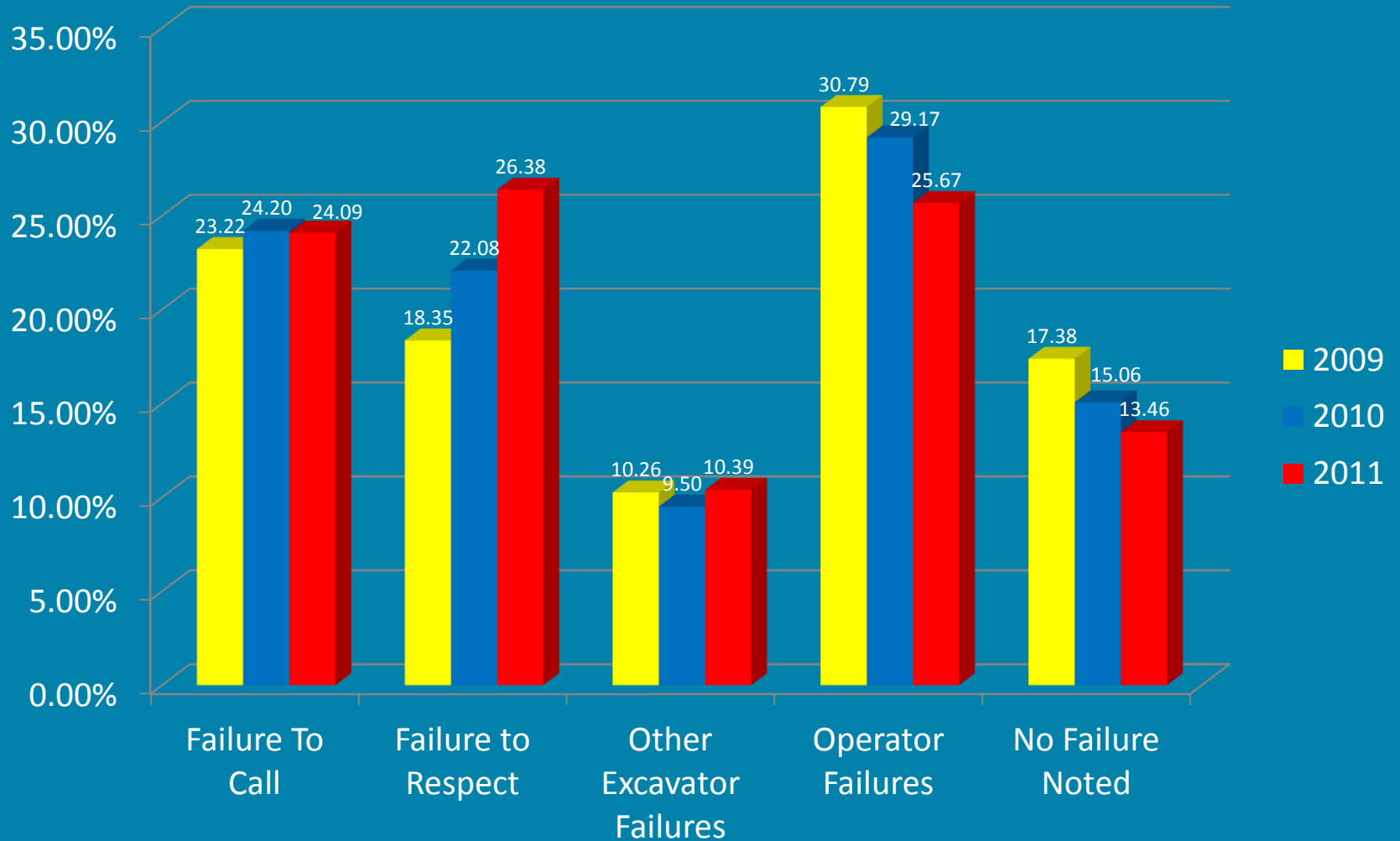
# Damage Prevention in Virginia

- Virginia's program has continued to make progress and last year enjoyed its lowest damage ratio to date
- Over the last year, we have worked to address a number of issues and several new Rules have been drafted as a result of last year's conference sessions
- Damages have been reduced through a combination of stakeholder efforts
- We still have challenges to overcome...

# 2009 – 2011 Damage Cause Distribution



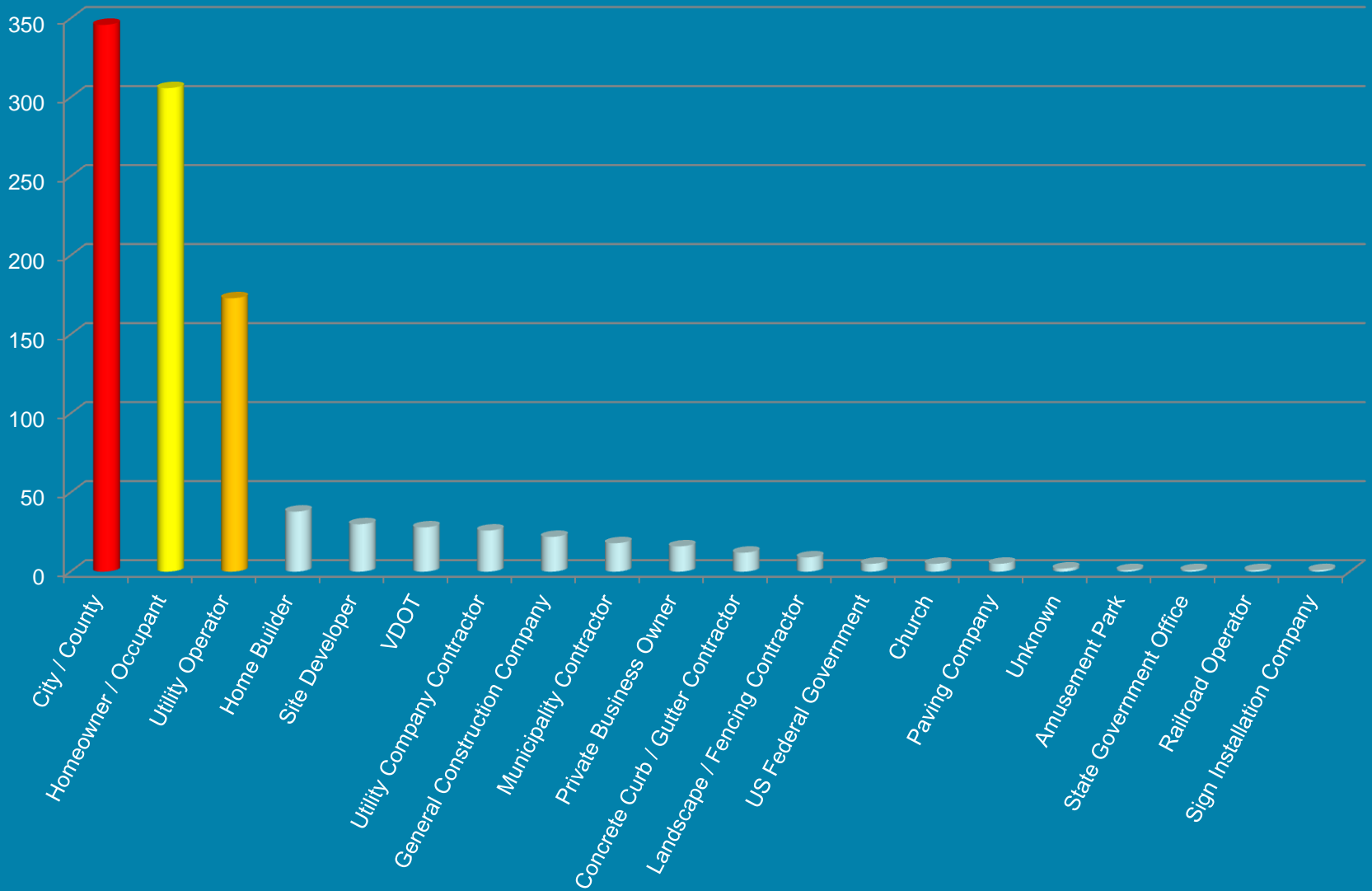
# 2009 – 2011 Damage Cause Distribution



# Damage Data Summary

- While some progress has been made in lowering operator failure, there has been an increase in damages due to excavators failing to respect the marks
- No call violations remain fairly constant
- Water and sewer renewal projects were a contributing factor to damages in 2011

# 2011 Gas Damages While Working For:





# Our Continued Success Will...

- Rely on using data to identify, analyze, and forecast risks

# Conference Sessions

- Risk Based Inspection of Active Tickets

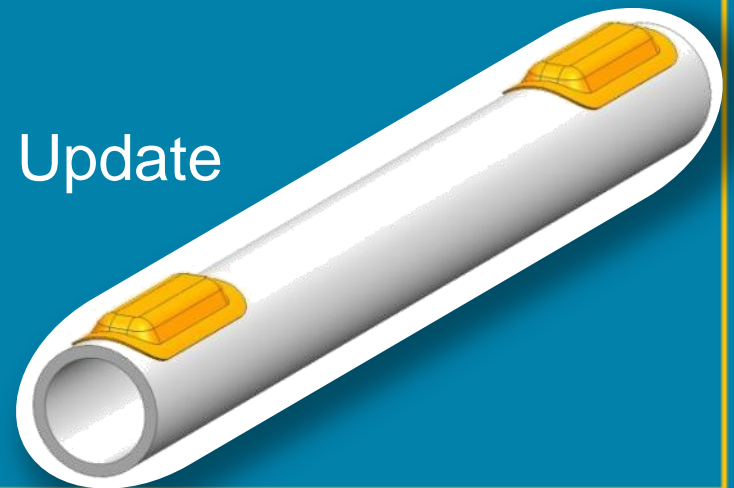


# Our Continued Success Will...

- Rely on using data to identify, analyze, and forecast risks
- Be enhanced by leveraging technology initiatives

# Conference Sessions

- Technology Update
- Use of Locating Technology to Improve Damage Prevention
- New Technologies
- Dealing with Abandoned Lines - Update
- Hydrovac and Soft Digging



# Our Continued Success Will...

- Rely on using data to identify, analyze, and forecast risks
- Be enhanced by leveraging technology initiatives
- Depend on effective stakeholder partnerships, training and outreach

# Conference Sessions

- Public Outreach... Not Just for Pipeline Companies
- Training First Responders
- Train the Trainer
- LDPC's and CGA's Regional Partnership Program
- Electrical Safety Demonstration



# Our Continued Success Will...

- Rely on using data to identify, analyze, and forecast risks
- Be enhanced by leveraging technology initiatives
- Depend on effective stakeholder partnerships, training and outreach
- Require a renewed focus on our workforce safety culture

# Conference Sessions

- Damage Prevention Perspectives
  - Operator
  - Local Government
- Excavation Safety Training
- Safety Culture – What's at Stake – How do we Change?
- Refocusing Operations on Damage Prevention





# Our Continued Success Will...

- Rely on using data to identify, analyze, and forecast risks
- Be enhanced by leveraging technology initiatives
- Depend on effective stakeholder partnerships, training and outreach
- Require a renewed focus on our workforce safety culture
- Require innovative and proactive thinking to solve issues and mitigate potential threats to underground utility lines

# Conference Sessions

- Issues with Directional Drilling
- How are we Dealing with Cross-bores
- Reducing Utility Damages – Case Studies



# Our Path Forward...

Our continued success will require ALL stakeholders to play an active role to address future challenges

Much of our “low hanging fruit” has been picked

Issues remaining are often complex and require an increased level of partnership to address

We must not become complacent



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