



Pipeline Damage Prevention Program Oversight & Safety Division

March 2019





- TITLE 16 ECONOMIC REGULATION
- PART 1 RAILROAD COMMISSION OF TEXAS
- CHAPTER 18
- UNDERGROUND PIPELINE DAMAGE PREVENTION
- Effective September 1, 2007

Chapter 18 Rules



- Any type of movement of earth or material in the ground is considered excavation.
- Anyone digging or moving earth is an excavator – including homeowners.

Chapter 18 Rules



- All excavators must call 811 before working – and wait the required time before beginning.
- Rules apply to excavating 16” or deeper – But is recommended no matter the depth because of erosion, landscaping, grading, etc.

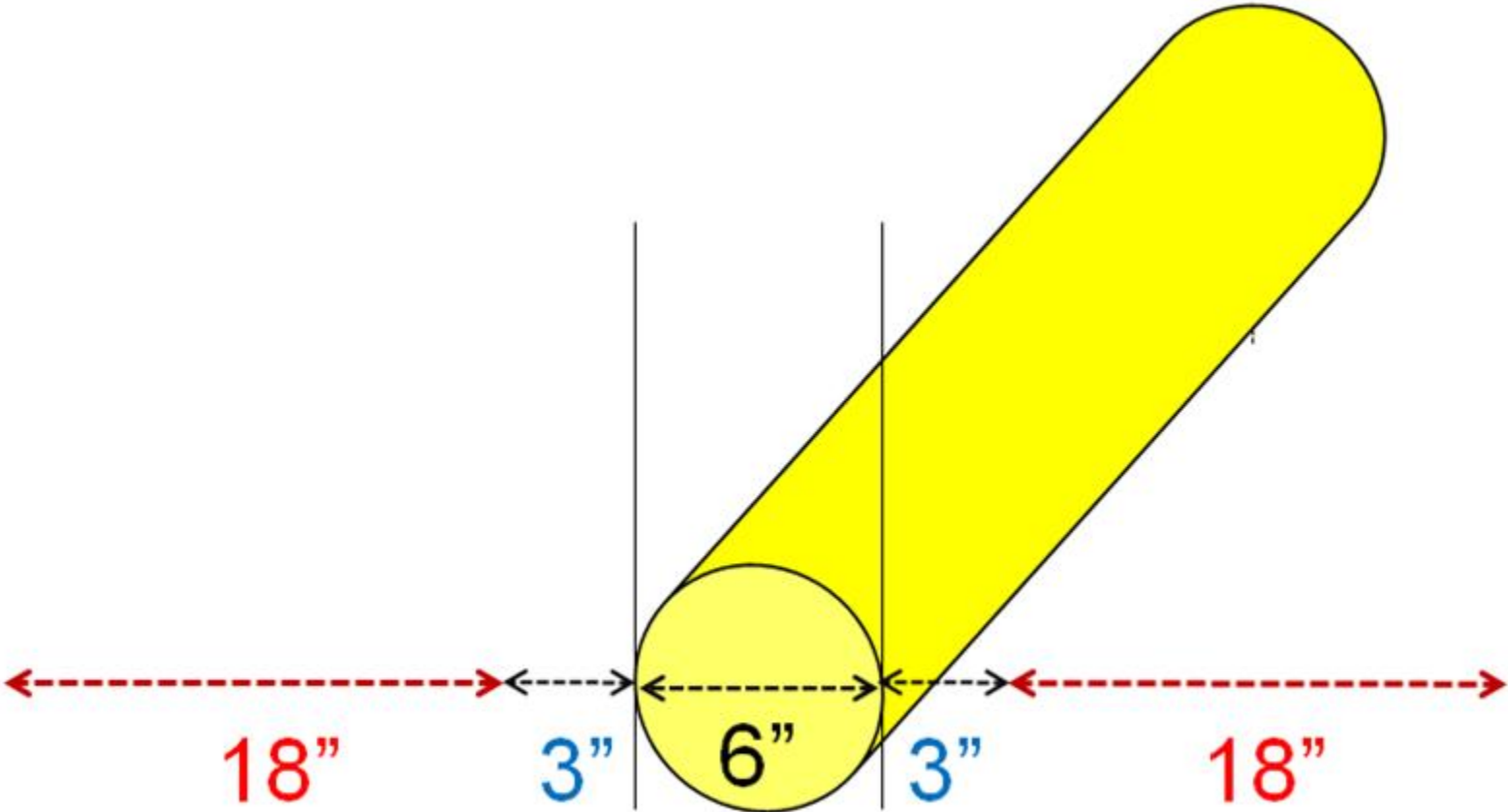
Chapter 18 Rules



Tolerance Zone

- When digging, you must stay a certain distance away from the marks on the ground when not using hand tools.

Tolerance Zone



Chapter 18 Rules



Damage

- Any type of contact with the pipeline could be considered damage depending on the severity.

Chapter 18 Rules



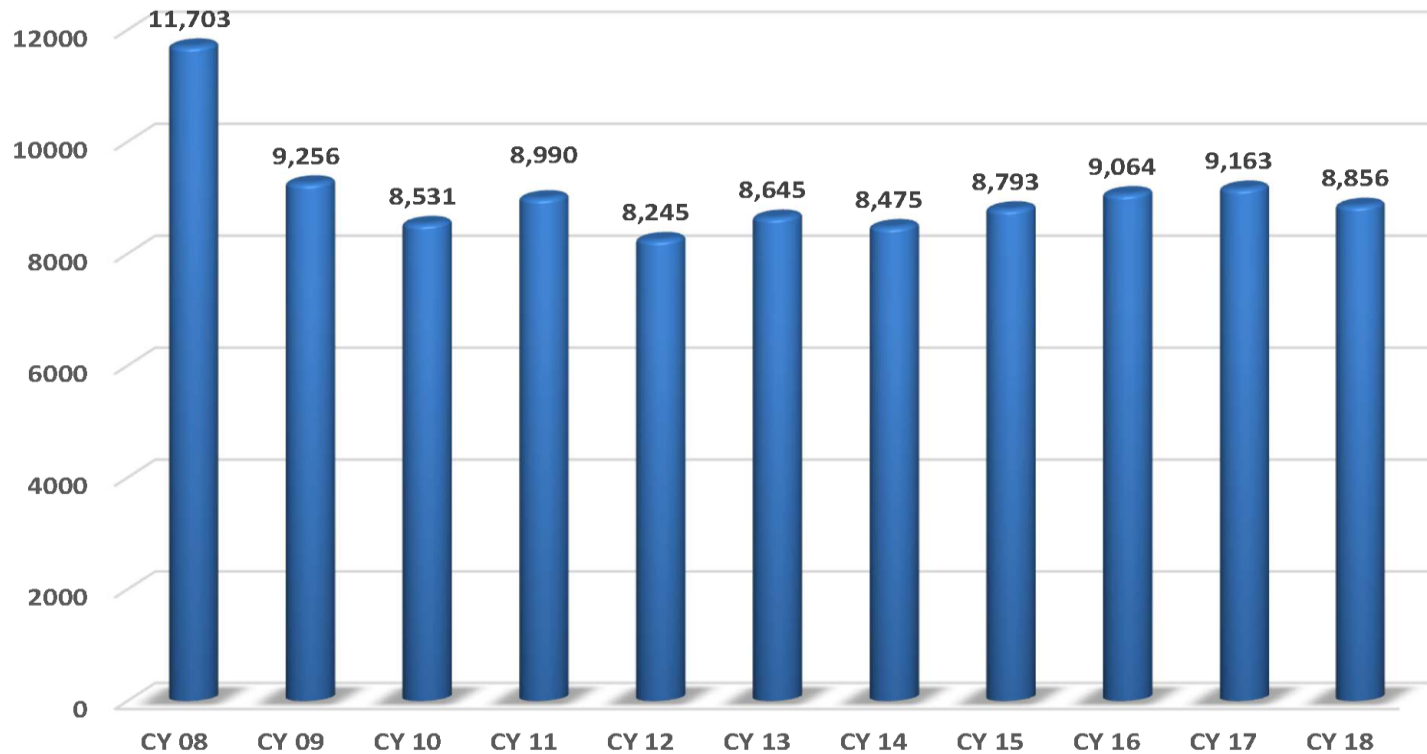
Reporting

- Damages must be reported
 - To 911 if there is a release of product
 - To 811 within 1 hour of the damage
 - To the RRC via TDRF within 30 days – Both the operator and the excavator.

Incidents per Year



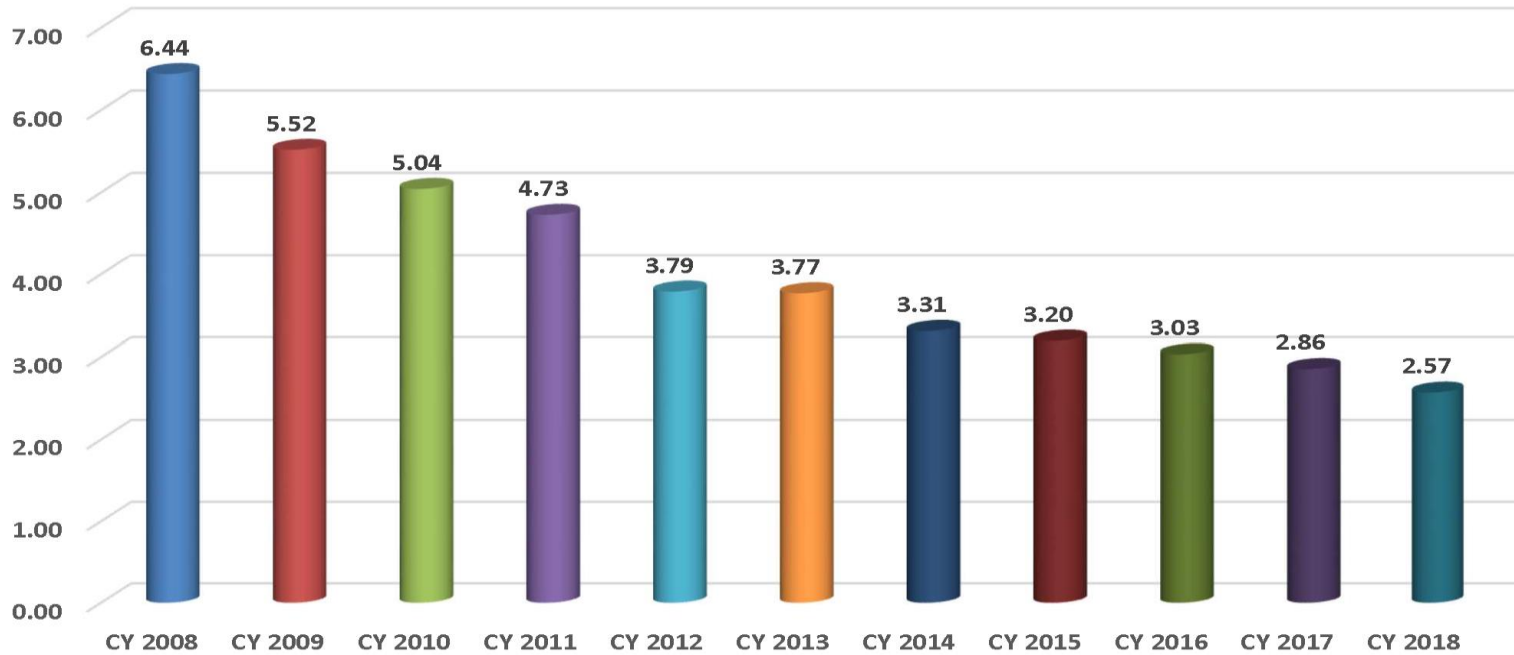
Incidents Per Year



Damages per 1,000 Locates



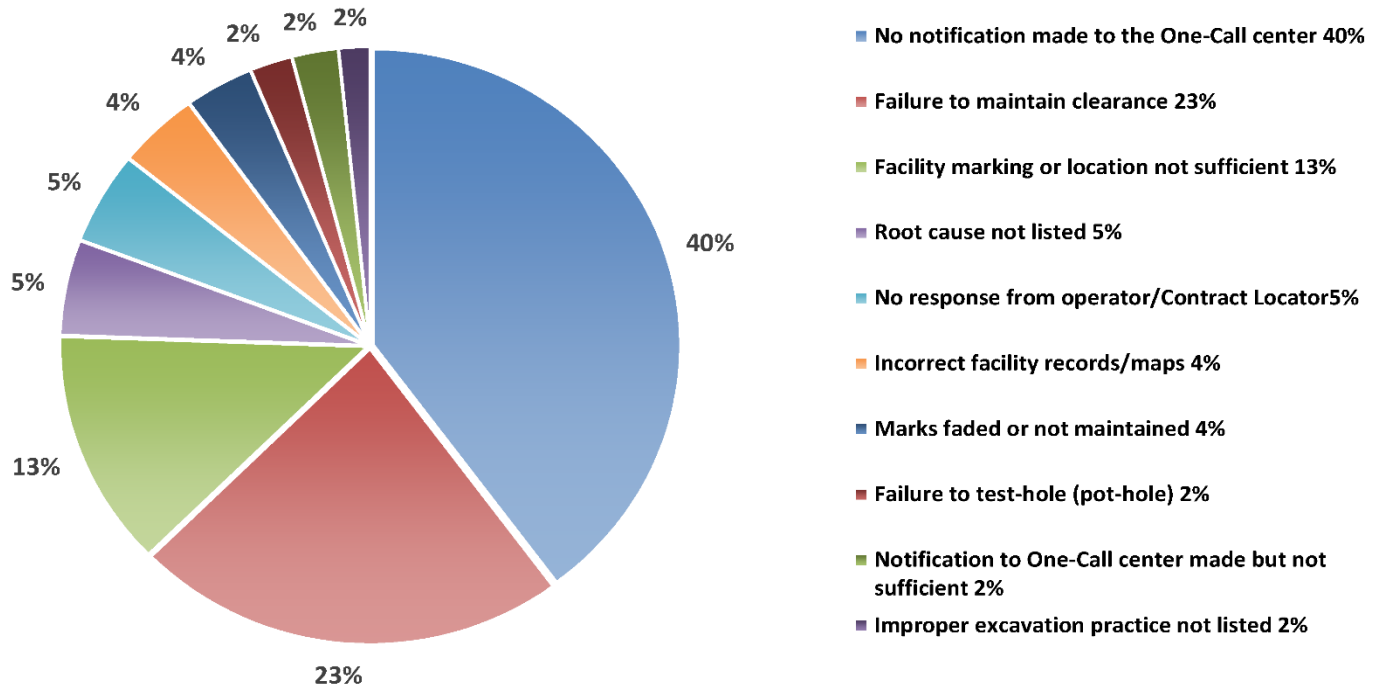
Damages per Thousand
Calendar Year



Root Causes



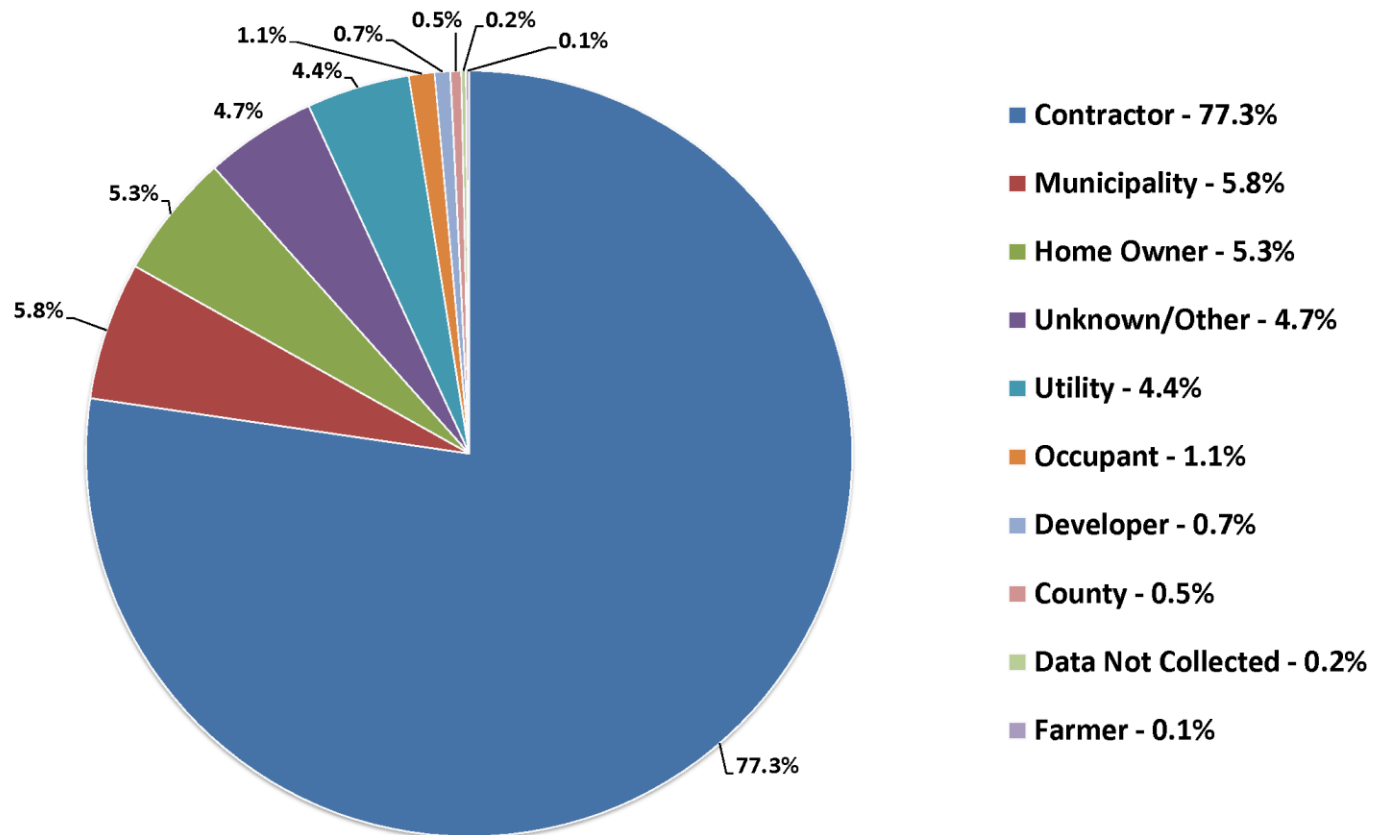
Top 10 Root Causes - Calendar Year 2018



Types of Excavator



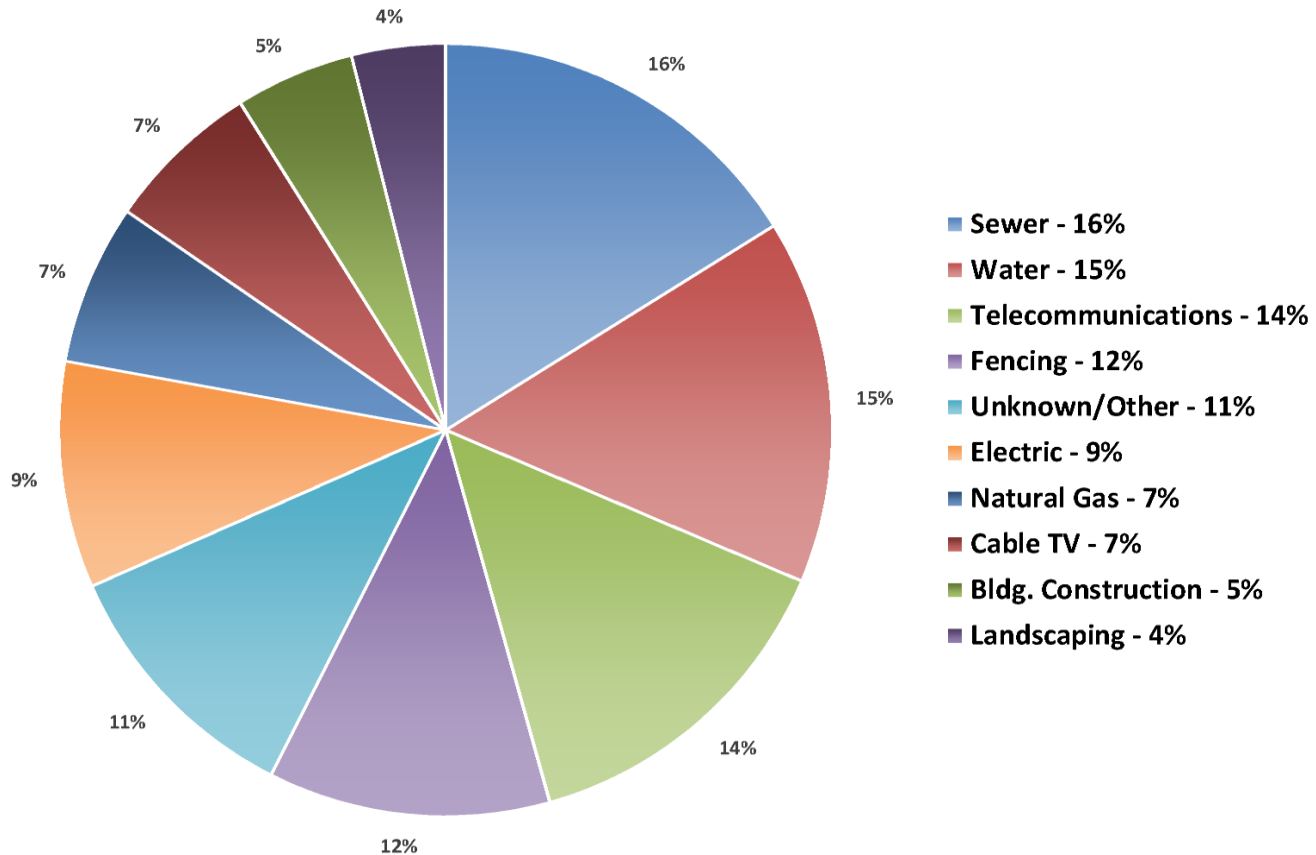
**Top Ten Types of Excavator
Calendar Year 2018**



Types of Work Performed



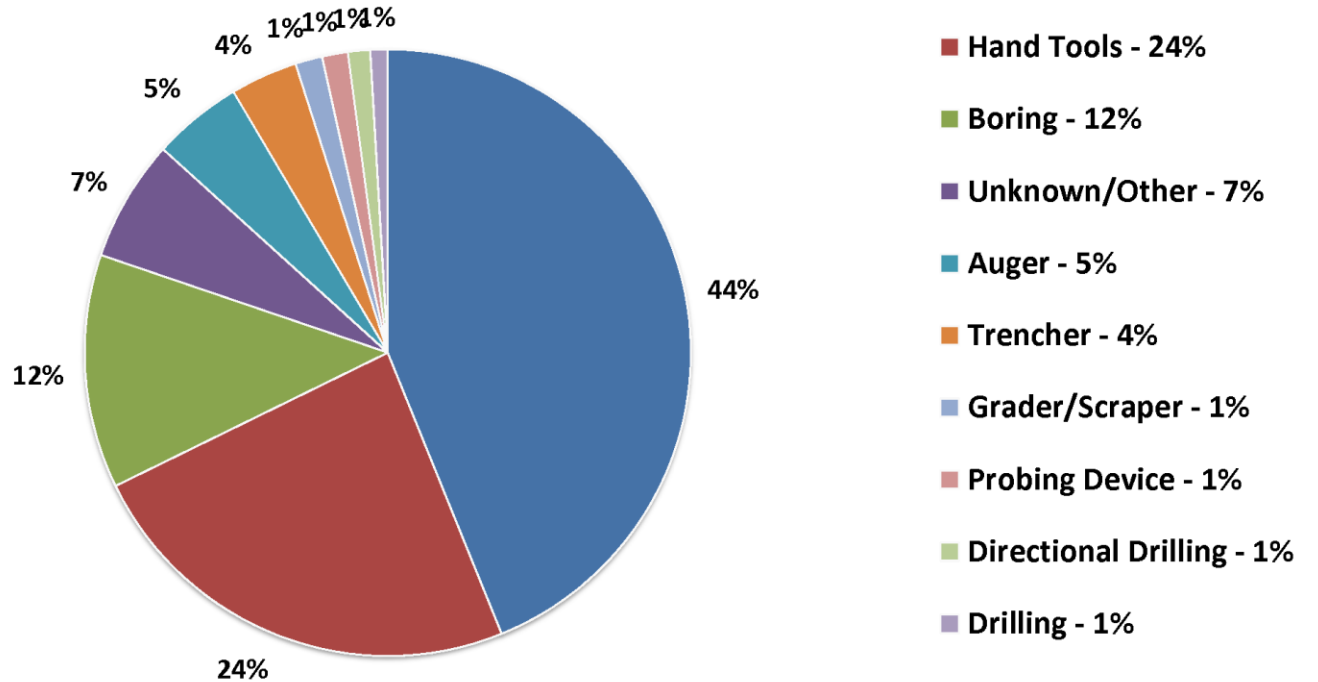
Top Ten Types of Work Performed Calendar Year 2018



Types of Equipment



**Top Ten Types of Equipment
Calendar Year 2018**



Typical Penalties



- Typical penalties for each violation range from \$1000 - \$2500
- Many incidents have multiple violations

Penalties Collected



From September 1, 2007 – March 01, 2019

- Operator - \$16,854,300
- Excavator - \$22,592,551
- Total Collected - \$39,446,851











Why We Do What We Do



- Lafayette Video

- <https://www.youtube.com/watch?v=YYgEjIAR3fg>

- Milford Video

- <https://www.nbcdfw.com/news/local/Pipeline-Explodes-in-Milford-Roads-Closed-231911591.html>

Texas Damage Reporting Form (TDRF)



<https://www.rrc.texas.gov>

- Useful Links
- Pipeline Damage Reporting

Useful Links

[What's New at the RRC](#)

[Sunset Review](#)

[Data - Online Research Queries](#)

[Frequently Asked Questions - FAQs](#)

[Maps - Public GIS Viewer](#)

[Open Meetings / Conference Agendas](#)

[RRC Locations](#)

[Rules](#)

[Pipeline Damage Reporting](#)

Contact Information



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