



# Pipeline Data Public Meeting



## PHMSA's Use of Data

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# What Kind of Data?

- Data currently collected from pipeline operators
  - Pipeline Material (seam type), Construction Information (testing)
  - Mapping (where is the pipeline located)
  - Operational and Maintenance Information (pressures, assessments, repairs)
  - Incidents/Accidents (when, where, why, how, ...)
  - Leaks/Safety Related Conditions (when, where, what, ...)
  - Drug and Alcohol Misuse Prevention (testing results)
  - Contact Information (emergency numbers)
  - Facility Response Plans (oil spill mitigation)



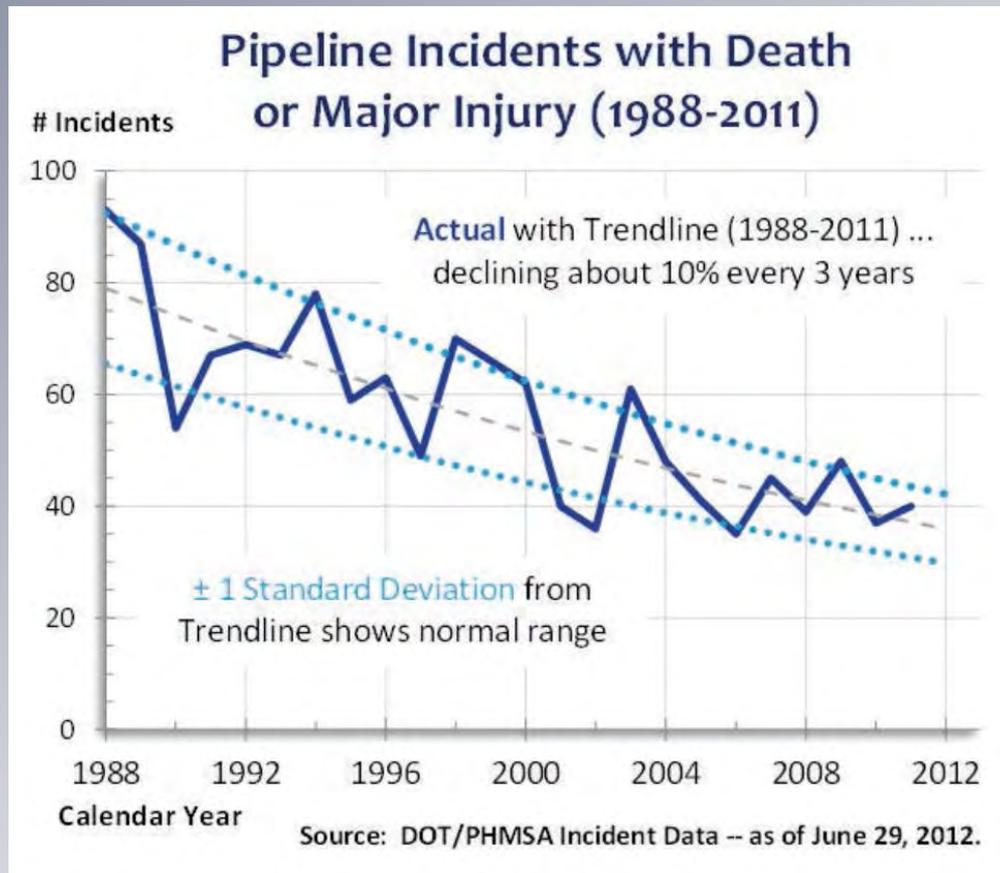
# What Kind of Data?

- Data generated by PHMSA Oversight
  - Inspection Activities (who was inspected when)
  - Incident/Accident Investigation Results
  - Inspection/Investigation Results (what did inspectors observe)
  - Enforcement Actions (non-compliances identified)
    - Warning Letters/Notices of Amendment
    - Notices of Probable Violation
      - Proposed Compliance Orders
      - Proposed Civil Penalties
  - Safety Orders/Corrective Action Orders



# How Does PHMSA Use Data?

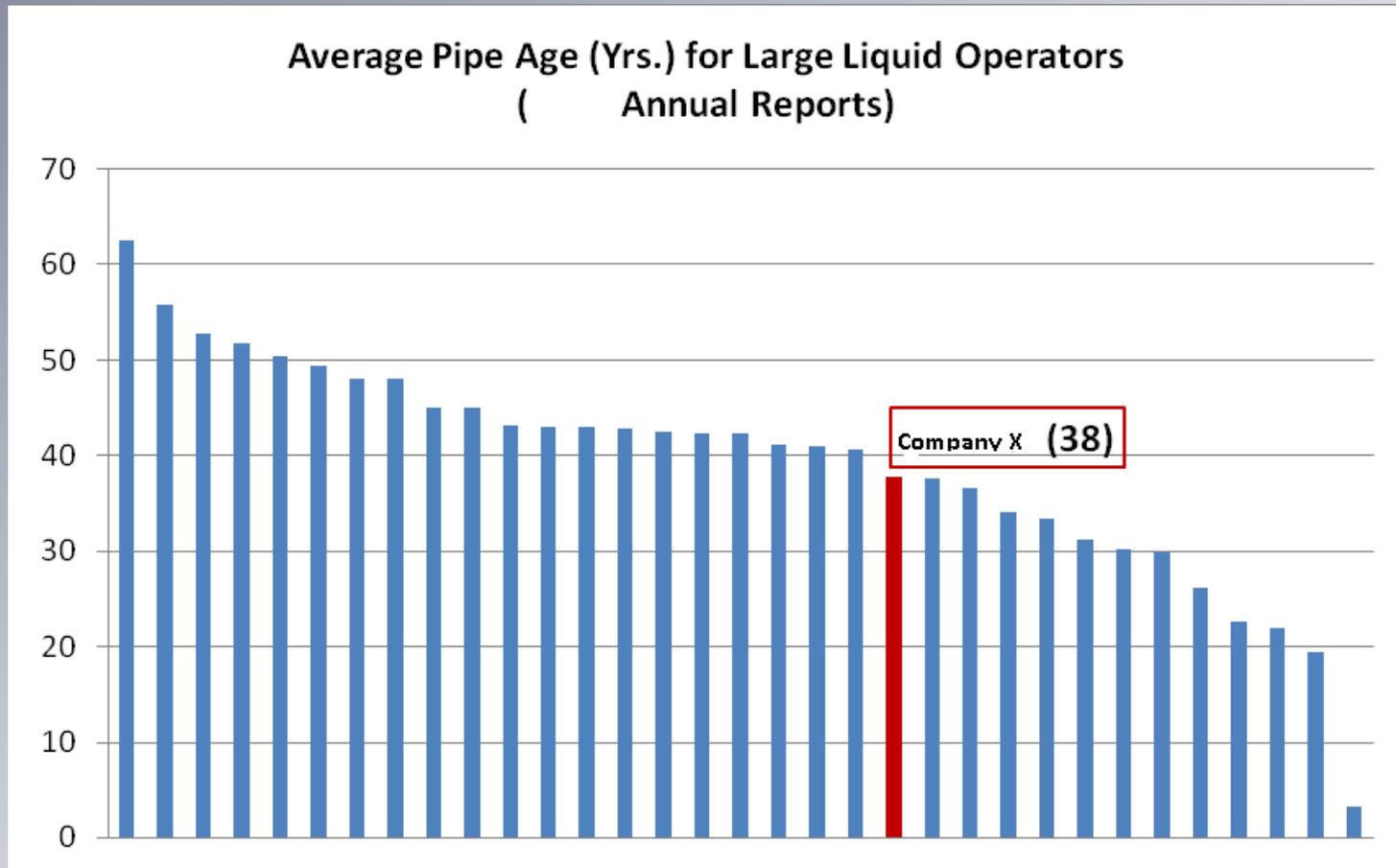
- National Pipeline Performance





# How Does PHMSA Use Data?

- Company Specific Performance Indicators (Exec Perf Review)





# How Does PHMSA Use Data?

- Inspection Prioritization (Who and What is Inspected)
  - Pipe material specifications
  - Product transported
  - Accident/Incident history
  - Compliance record
  - Risk to people/environment
  - Testing/Assessment Records
  - Targeted Issues
  - Etc.





# How Does PHMSA Use Data?

- Analyzing Trends and Emerging Issues
  - Safety Issues => Advisory Bulletins
  - Compliance Trends => Focused Inspections
  - Lessons Learned (Depth of Cover Study)
  - Regulatory Analysis/Cost Benefit
- Transparency
  - Mirror for Industry
  - Sharing Information with Other Regulators
  - Informing Stakeholders
    - Public
    - Congress
    - Emergency Responders



# How Does PHMSA Use Data?

- Federal and State Oversight Performance
  - Inspections/investigations frequency
  - Inspections/investigation timelines
  - Enforcement case processing timelines
  - Enforcement consistency
  - Program effectiveness
  - Etc.



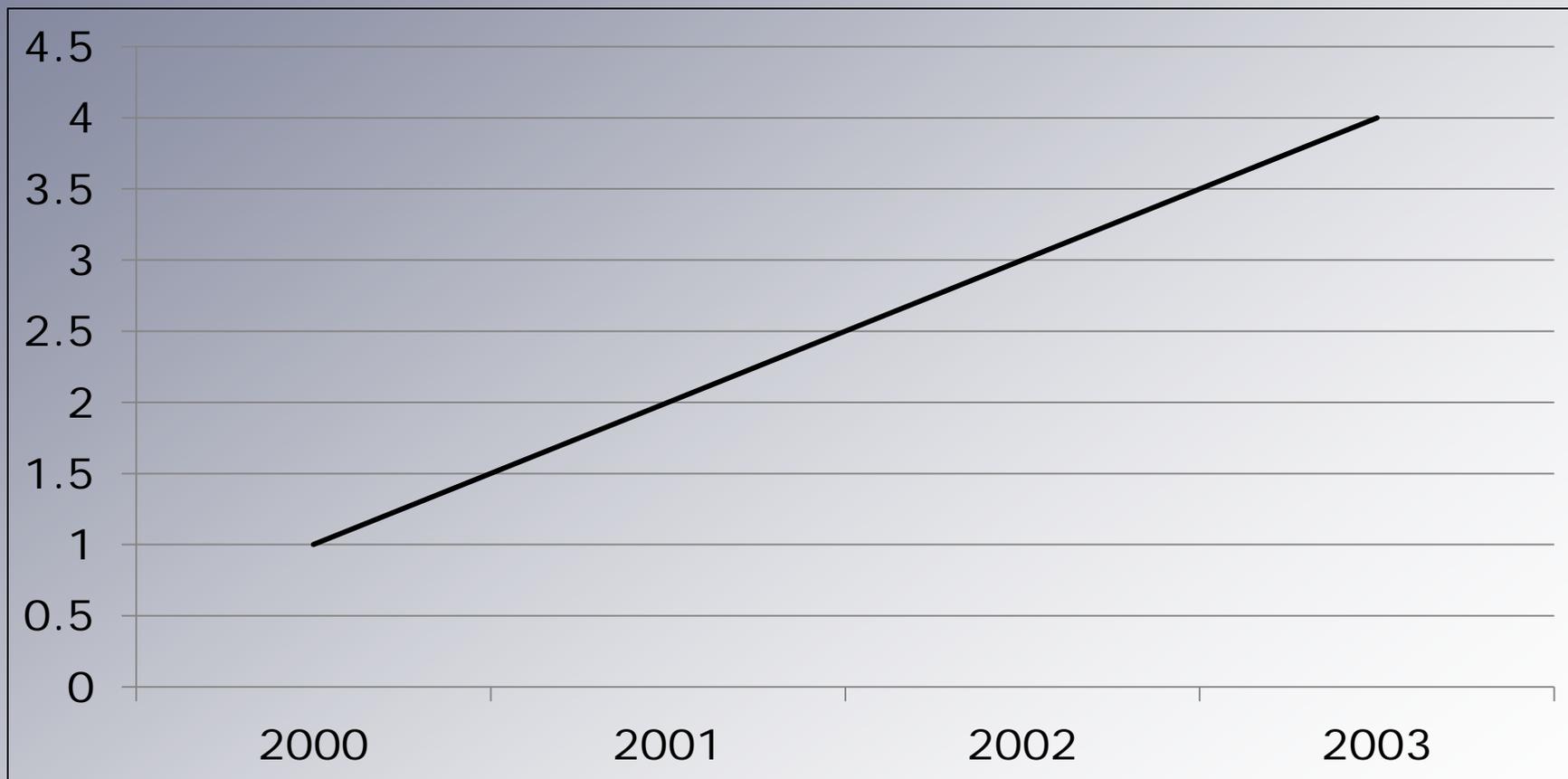
# PHMSA Caution in Data Use

- Data is limited so meaningful analysis can be difficult
- Maintaining data quality is always a challenge
- Data analysis is critical but difficult



# Non-Compliance Findings vs. Year

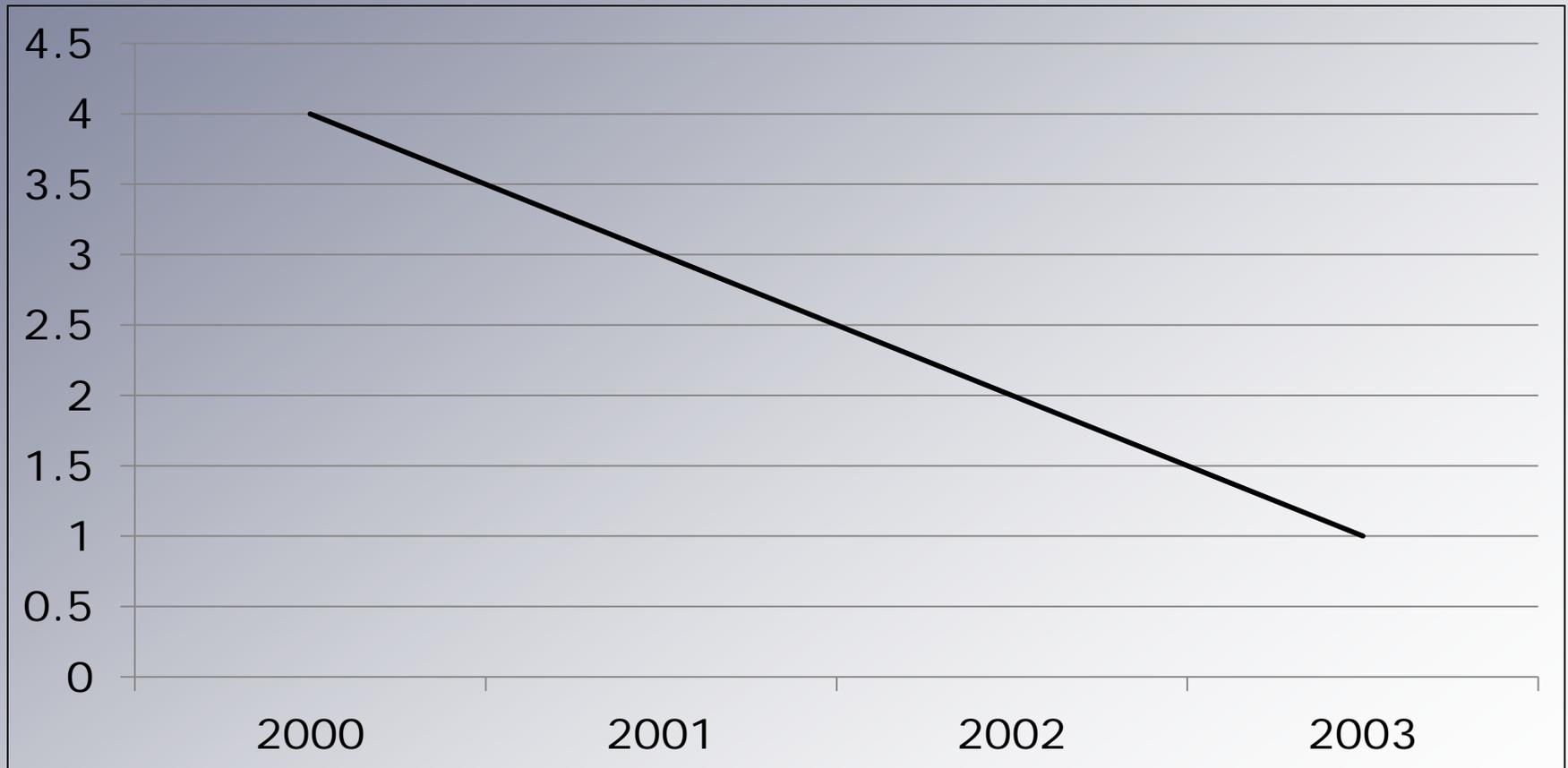
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# Non-Compliance Findings vs. Year

(for discussion only)





**Questions**