



Credible.
Independent.
In the public interest.

Pipeline Safety Trust 2025 Programs and Priorities

Iowa Pipeline Safety
February 26, 2025

Hailey Duncan
Policy Advisor

Pipeline Safety Trust History



Guys.
I'm fishing. Will
be back before dark.
Homework is done.

Liam



**Pipeline
Safety**
TRUST

Pipeline Safety Trust History



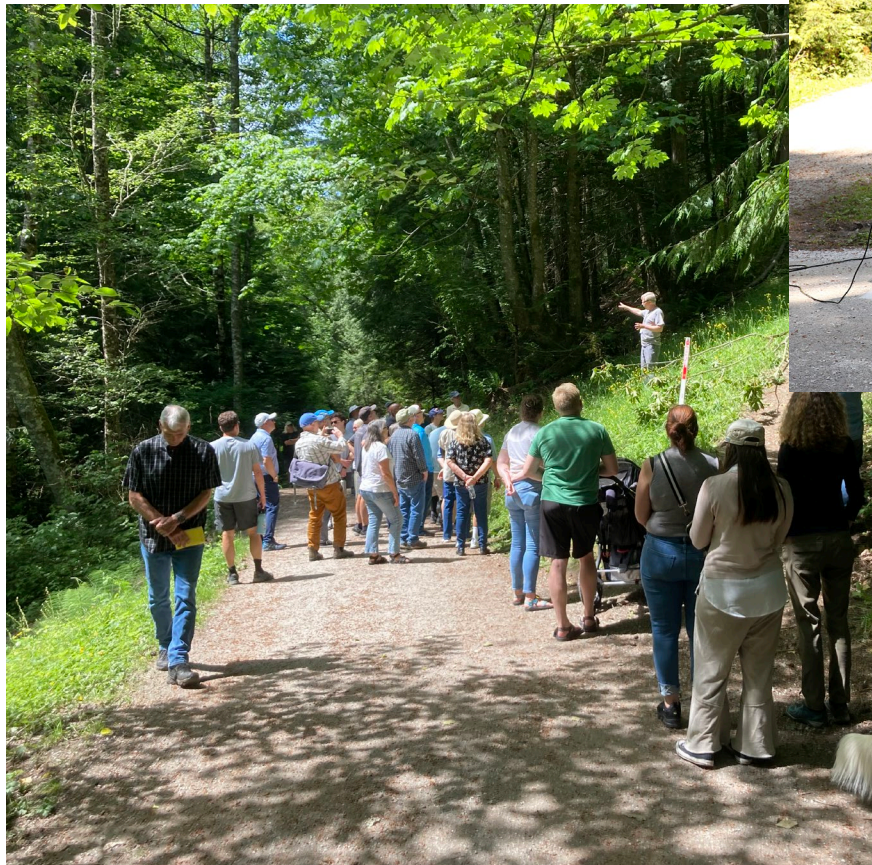
“... there’s going to be a Trust that’s going to be funded as part of today’s sentencing. With \$4,000,000 ... they’ve nowhere near the lobbying potential of the oil industry. It’s not even David and Goliath. It’s more like Bambi and Godzilla. No industry polices itself very well... you need outside people, and these are going to be the people so pay attention to them.”

The Honorable Barbara Rothstein
United States District Judge
at Olympic Pipe Line Co Sentencing

**Pipeline
Safety**

—
T R U S T

Pipeline Safety Trust History – 25 Years



**Pipeline
Safety**
TRUST

Pipeline Safety Trust Mission



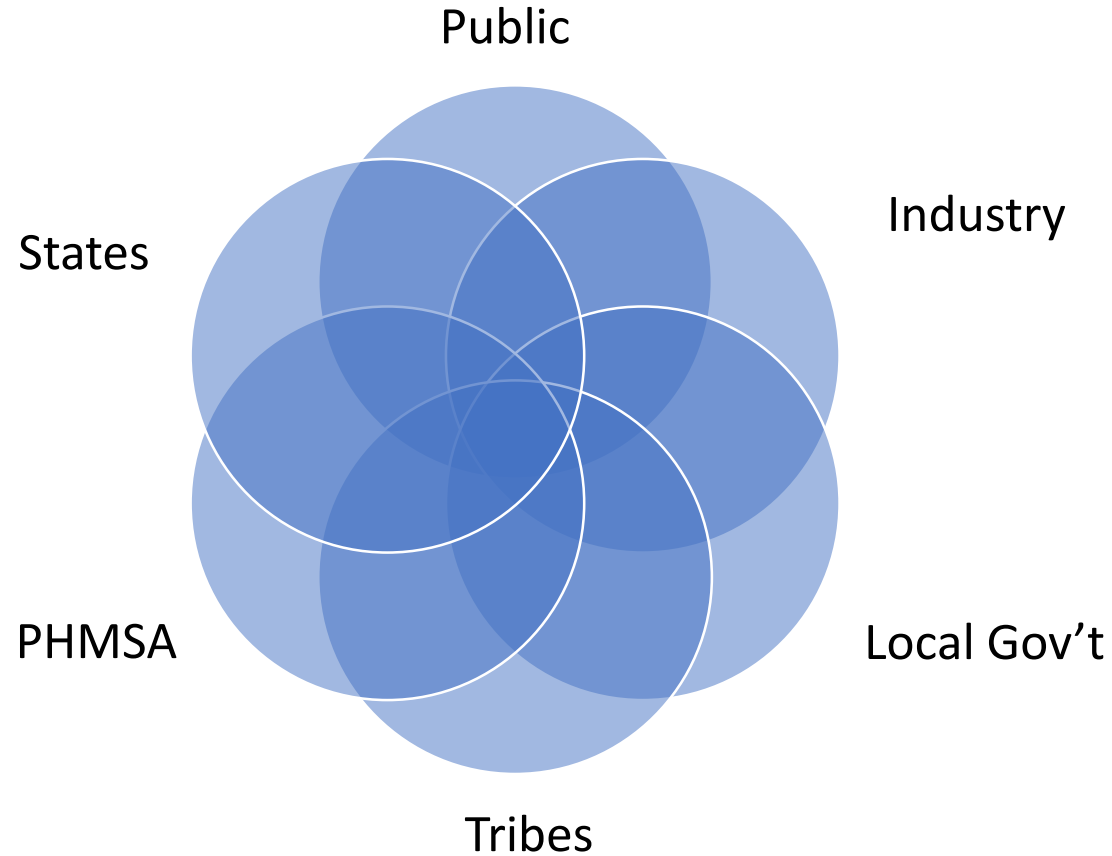
The Pipeline Safety Trust promotes pipeline safety through education and advocacy, increased access to information, and partnerships with residents, safety advocates, government, and industry, resulting in safer communities and a healthier environment.

**Pipeline
Safety**

T R U S T

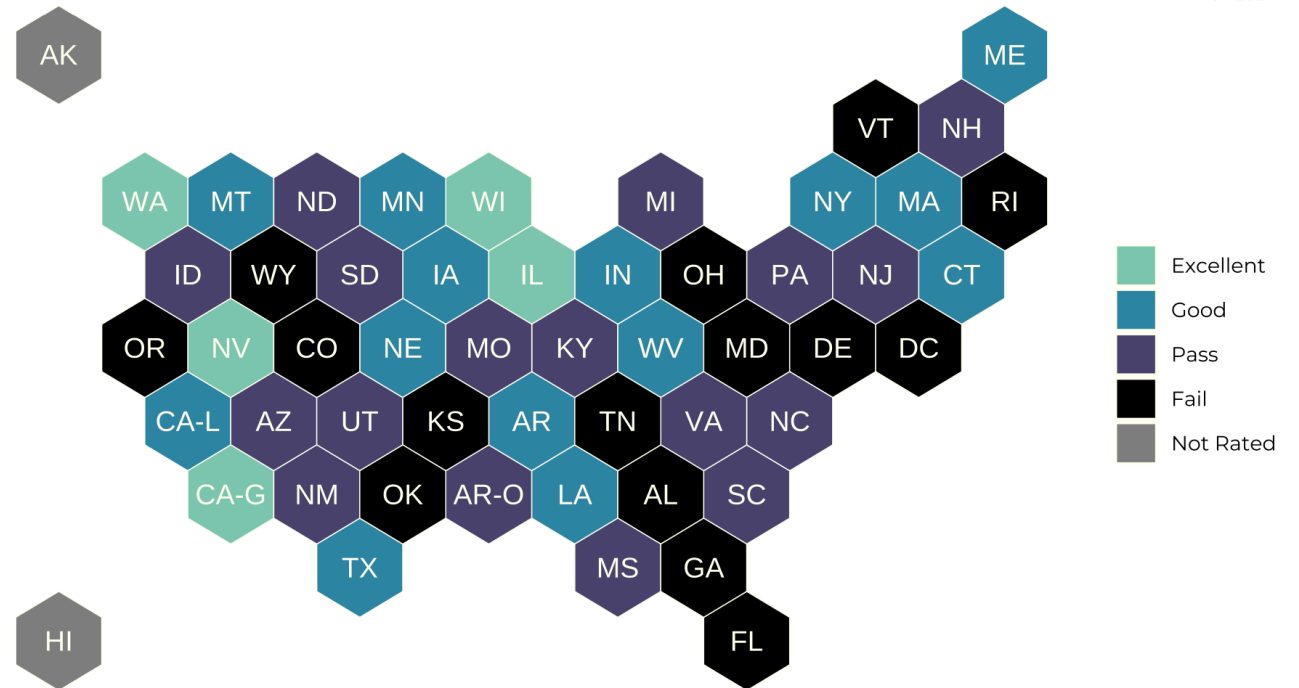
Shared Goals

- Safer pipelines!
- Zero incidents!



Pipeline Safety Trust and NAPSR

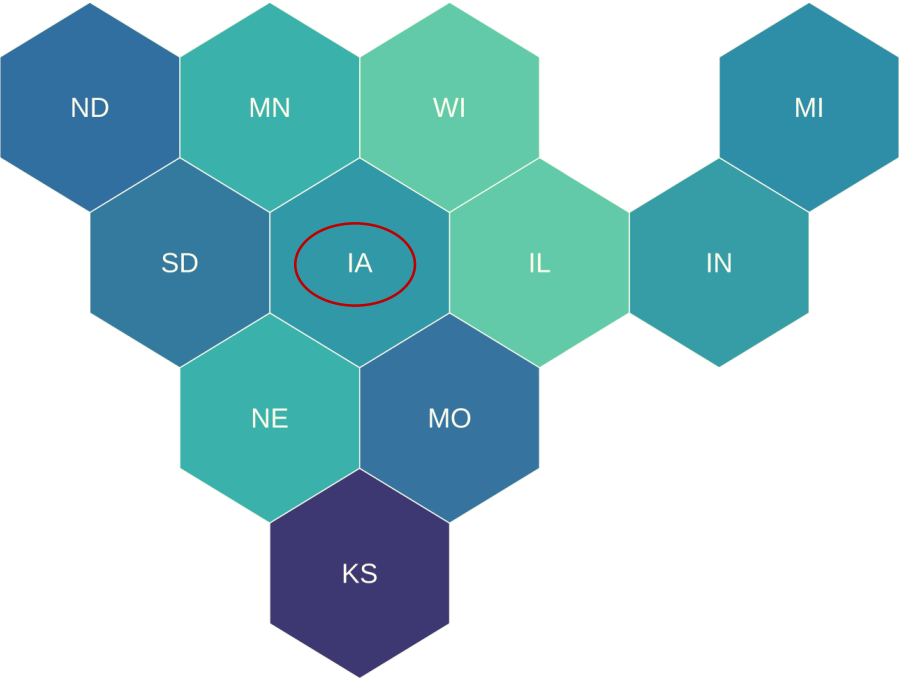
- State Website Transparency Ranking
- “State of Pipeline Safety” Blog Series
- PST Pipeline Safety Conference
- Right of Way Round-up



Pipeline Safety Trust State Website Review

PST 2024

NAPSR Central Transparency Scores



State Transparency Ratings: NAPSR Central

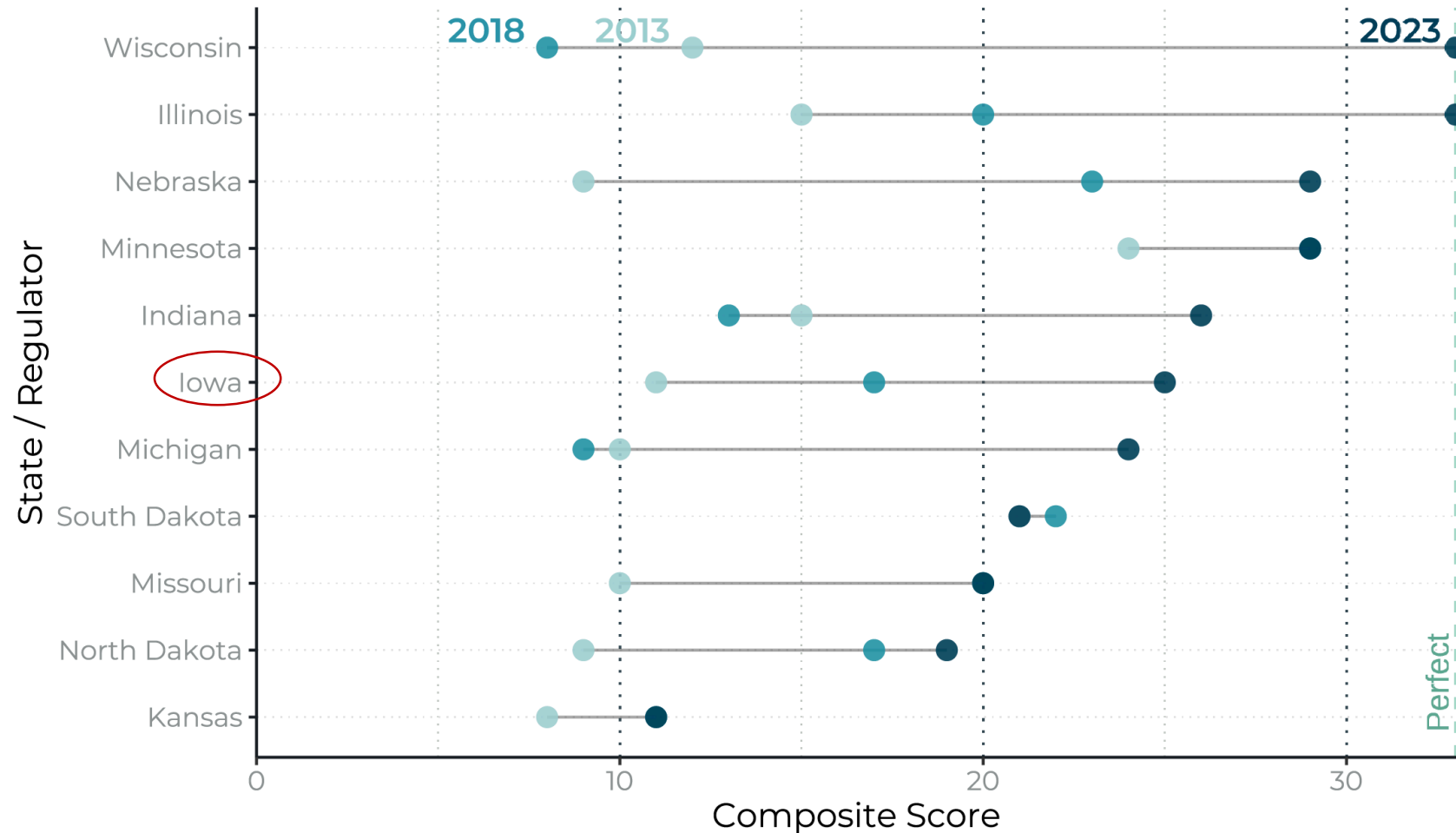
State, Average Score, and Category Matrix



Pipeline Safety Trust State Website Review

State Transparency ● 5 & ● 10-Year Change

PST 2024

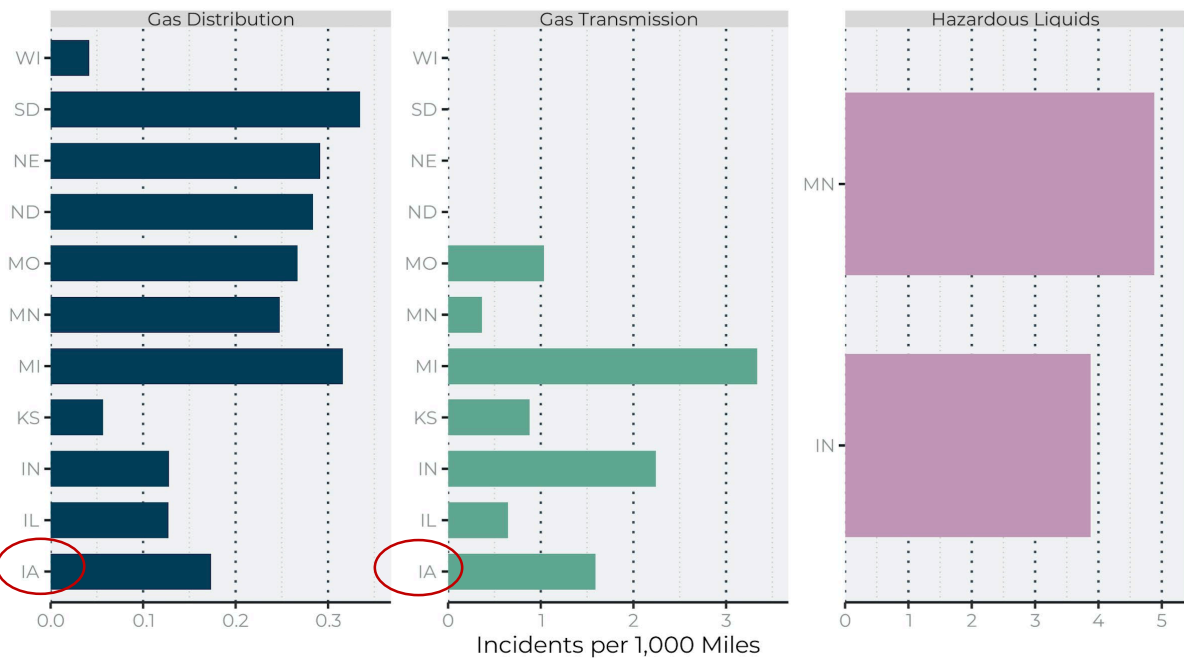


Pipeline Safety Trust State Data

5-Year Incident Rate by System & Program

All Incidents from 1/1/2019-12/31/2023

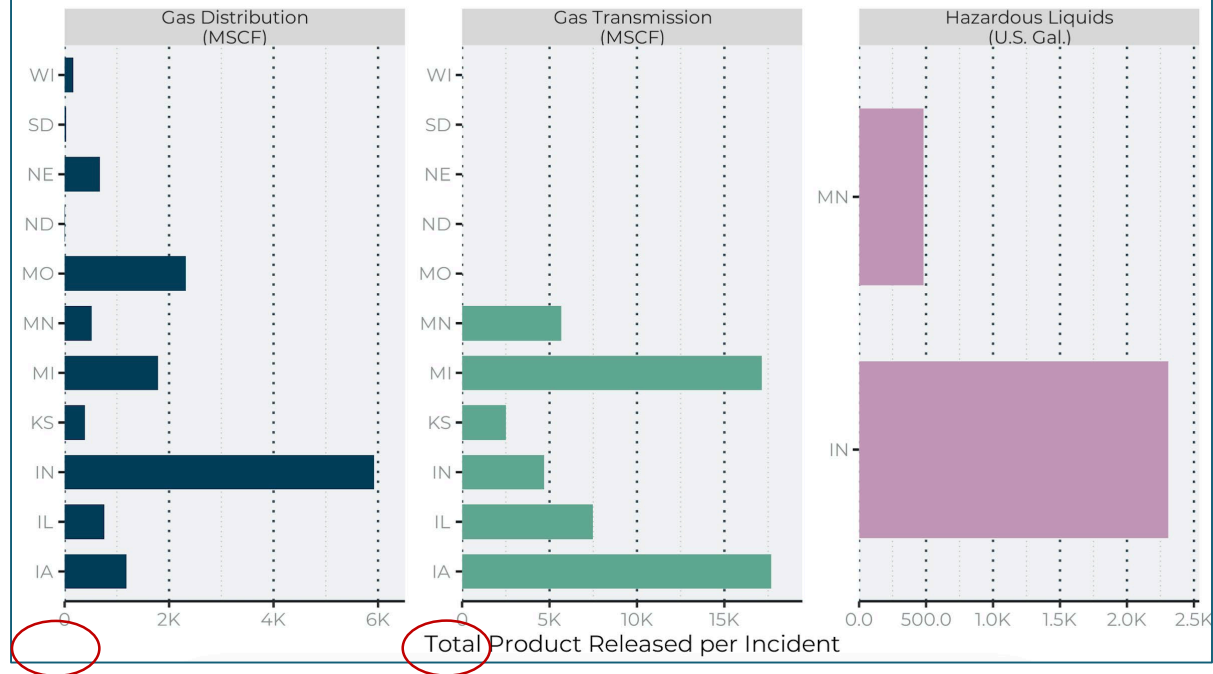
PST 2024



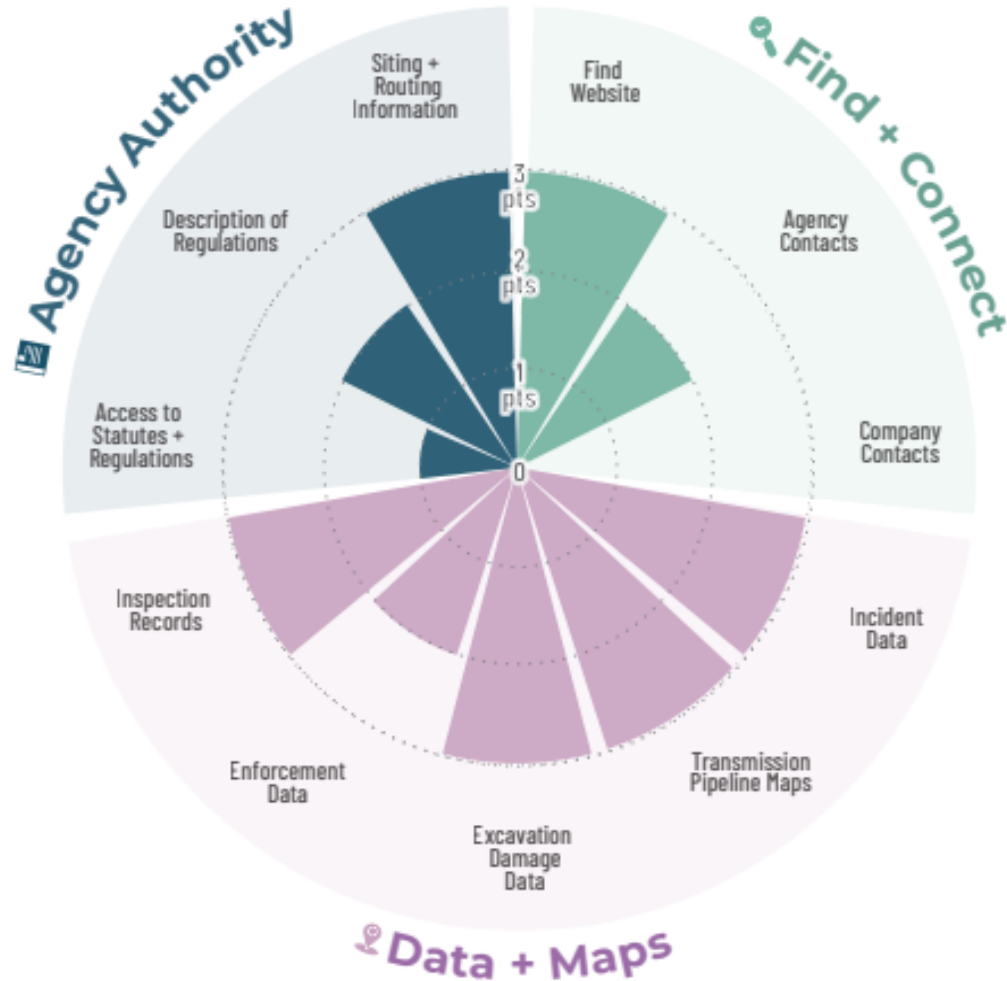
Incident Release Size by System & Program

All Incidents from 1/1/2019-12/31/2023

PST 2024



Iowa Website Transparency Review



↑ Iowa's transparency score has **increased by 8 points** since 2018.



COMMENDABLE

Data and Maps

This state shows commendable transparency in data and maps. Providing data directly helps create a more informed public, supports accountability, and builds trust.



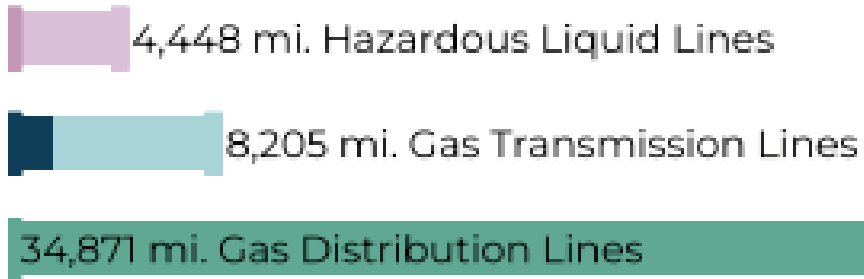
CATEGORY TO IMPROVE

Find and Connect

This state could strengthen transparency by improving areas related to connection. This helps the public get direct support, even for specific situations or on complex topics.

Iowa Website Transparency Review

Iowa Pipelines



- Intrastate Hazardous Liquids
- Interstate Hazardous Liquids
- Intrastate Natural Gas
- Interstate Natural Gas
- Distribution (Intrastate)

[Pipeline Mileage Data Source](#)

Iowa has **47,524 miles of pipelines**, representing 1,538 miles per 100,000 people. Texas has the highest total mileage, with 291,173 miles and Vermont has the lowest with 1,795 miles.

Of Iowa's pipelines, this regulator has authority over ***intra & interstate natural gas pipelines***.

INCIDENTS IN IOWA FROM 2018-2023

 **15**

Significant Incidents*

0 Injuries

0 Fatalities

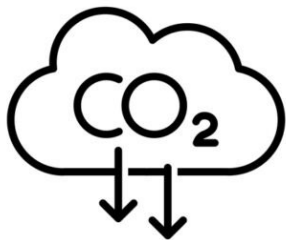
*3.2 Significant Incidents per 10,000 miles

Note: Not all incidents occur on pipelines that fall within the state agency's jurisdiction. See [PHMSA's website](#) for the definition of a Significant Incident. [Incidents Data Source](#)

PST Priorities

Methane Mitigation

- PHMSA final ALD rule paused with administration shift
- Much of the proposed rule will fall on states for inspections and enforcement
- Finding and repairing leaks is important to protect both people and the environment



CO2 Minimum Standards

- Since 2020, PHMSA has been working on minimum safety standards for CO2 transportation by pipeline
- Advocating for state jurisdictional action were allowed
- Addressing policy gaps is important to protecting public safety

PST Priorities

Hydrogen Pipelines + Blending Activities

- Ensuring transparency through updated reporting requirements
- H₂ more likely to ignite
- H₂ explosions larger and hotter than methane
- Smaller molecule more prone to leakage
- Embrittlement and cracking concerns
- Blending into distribution systems should not be permitted
- Find our H₂ Pipeline report at pstrust.org



PST Priorities – Thermal Valves

- Helpful in fire first incidents
- Automatic gas shutoff
- Spring-loaded plug held by low melting point alloy
- Commercially available
- Inexpensive to purchase and install
- Used in Germany since 1990s



PST Priorities

Other Priorities

- Public engagement
- Rupture mitigation valves
- Leak detection performance standards
- Gathering lines regulation
- Class location rule
- Increased regulatory funding
- Regulatory transparency



Thank you!

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