

# Natural Gas Pipeline Safety

Safety is a core value of the Interstate Natural Gas Association of America (INGAA) and our members. According to the U.S. Department of Transportation, pipelines are the safest and most reliable mode of transportation, efficiently delivering energy from producers to end-users. While significant accidents are rare, INGAA's members are committed to working each day towards a shared goal of zero pipeline incidents.

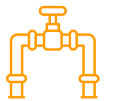
Pipeline companies consider safety every step of the way, from planning, to construction, to maintenance.



**Pre-construction:** Our members purchase top-quality materials, address any potential safety or security issues during the pipeline planning and citing process



**During Construction:** Throughout the building phase, operators are constantly checking for quality of the materials and methods used to construct the pipeline, as well as the safety of the workplace and surrounding area.



**Operations:** Once the pipeline is complete and put into service, companies work to prevent releases by evaluating, inspecting, and maintaining pipelines as part of a program called integrity management.

## CALL 811 BEFORE YOU DIG

Our members strictly adhere to "call before you dig" protocol across the U.S. No excavating is done before alerting the Underground Service. This way, operators can ensure that the best services are being delivered without disrupting or damaging preexisting infrastructure.



**Know what's below.  
Call before you dig.**

## By the Numbers

**99.79%**

of firm contractual commitments were delivered by pipelines to specified primary delivery points between 2006-2016

**100%**

of pipelines are routinely monitored for leaks and repairs

**75%**

are regularly inspected with advanced technology

**71%**

of interstate natural gas transmission mileage can accommodate inline inspection

**74%**

reduction in excavation damage incidents from 2002-2022

**70%**

reduction in manufacturing-related incidents from 2002-2022

**53%**

reduction in transmission pipeline leaks from 1998-2022

## IMCI program

INGAA members are committed to constantly improving. Our widely recognized safety initiative, the “Integrity Management—Continuous Improvement” (IMCI) program provides a foundation for members to safely support the energy transition as we evolve to a net-zero greenhouse gas (GHG) emissions economy.

Now a decade after IMCI launched, we continue to reaffirm this commitment and make the appropriate updates to safely move toward net-zero GHG emissions. Through our persistent focus on the integrity of the existing gas transmission system, as well as efforts to ensure reliability and resilience of next generation fuels, the U.S. natural gas systems will be fundamental to meeting our nation’s economic and environmental goals and ambitions.

## INGAA’s Five Guiding Principles for Pipeline Safety



- 1. Our goal is zero incidents**—A perfect record of safety and reliability for the natural gas transmission pipeline system. We work every day toward this goal.
- 2. We are committed to a strong safety culture** as a critical dimension to continuously improve our industry’s performance.
- 3. We are relentless in our pursuit of improving by learning**—Our industry benefits from learning from the past, preventing recurrence of incidents and anticipating future challenges.
- 4. We are committed to implementing and continuously improving Pipeline Safety Management Systems (PSMS)** and will continue to enable industry to improve work processes and technology that support reliability and resilience.
- 5. We will regularly engage our stakeholders** from local groups to national groups, so they can help us participate in reducing risk.

