

U.S. RESIDENTIAL FUEL GAS EXPLOSIONS

Natural Gas + Propane | 2020-October 31, 2026

Residential fuel gas explosions continue to occur across the United States every year.

Of the 618 incidents documented since 2020, 70.1% involved natural gas.

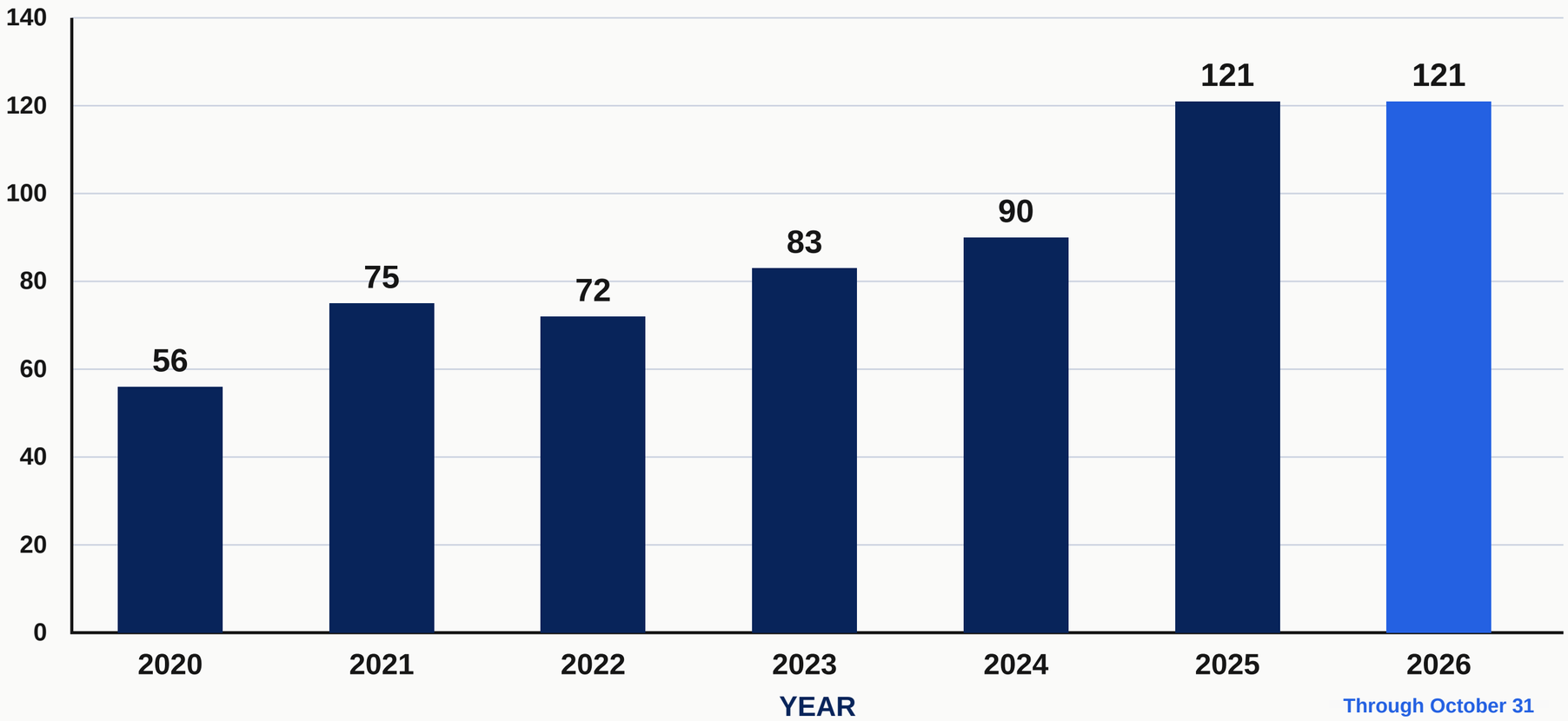
This underscores the importance of prevention, public awareness, and early-warning technologies.

! HUMAN IMPACT: These explosions resulted in **966** injuries and **250** deaths.

NUMBER OF EXPLOSIONS EACH YEAR

HIGHEST TOTAL (TIED)
2025 & 2026
121 INCIDENTS

2026 ACTUAL
121 EXPLOSIONS
Through October 31, 2026



BY THE NUMBERS

Total Residential Fuel Gas Explosions	**618** (2020-October 31, 2026)
Natural Gas Explosions	**433** (70.1%)
Propane Explosions	**185** (29.9%)
Total Injuries	**966**
Total Deaths	**250**
Highest Years Recorded	**2025 / 2026** (121 incidents each)
Data Through	October 31, 2026

ON AVERAGE, THERE IS A RESIDENTIAL FUEL GAS EXPLOSION IN THE U.S.

EVERY 4 DAYS

Source: DeNova Detect - Fuel Gas Explosion Database | Natural Gas and Propane incidents in residential buildings.
Injuries and fatalities are reported at the time of incident.

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