

# LNG Facility Incident Dashboard

## (2011-Present)

### Executive Summary

This dashboard provide a high-level overview of reported LNG facility incidents. Since 2011 to the present, the U.S. has recorded a total of 46 reportable LNG facility incidents as submitted to the Pipeline and Hazardous Materials Safety Administration (PHMSA). While the number of incidents is relatively low, the financial and operational impact of each event can be significant.

27 Incident involved Emergency shutdowns, reflecting the severity or potential hazard level in nearly 59% of cases. 46 incidents were classified as significant or serious, highlighting the ongoing need to monitoring and preventive safety measures.

1 fatal incidents and 2 injury events were recorded, underscoring the safety implications of even rare LNG failures.

This dashboard provides a focused lens into these incidents, enabling stakeholders to:

- Monitor trends overtime,
- Identify top contributing causes
- Track geographic hotspots, and
- Evaluate the cost and severity of LNG events.



### Filter by State

- ☐ AK
- ☐ GA
- ☐ IA
- ☐ ID
- ☐ IL
- ☐ IN
- ☐ LA
- ☐ MA
- ☐ MN
- ☐ NJ
- ☐ OR
- ☐ PR
- ☐ TN
- ☐ TX
- ☐ WA
- ☐ WI

\$396.69M  
Total Incident Cost (Inflation-Adjusted)

\$8.62M  
Average Cost Per Incident

### Select Year

2012	2014	2016	2018	2020	2022	2024
2013	2015	2017	2019	2021	2023	2025

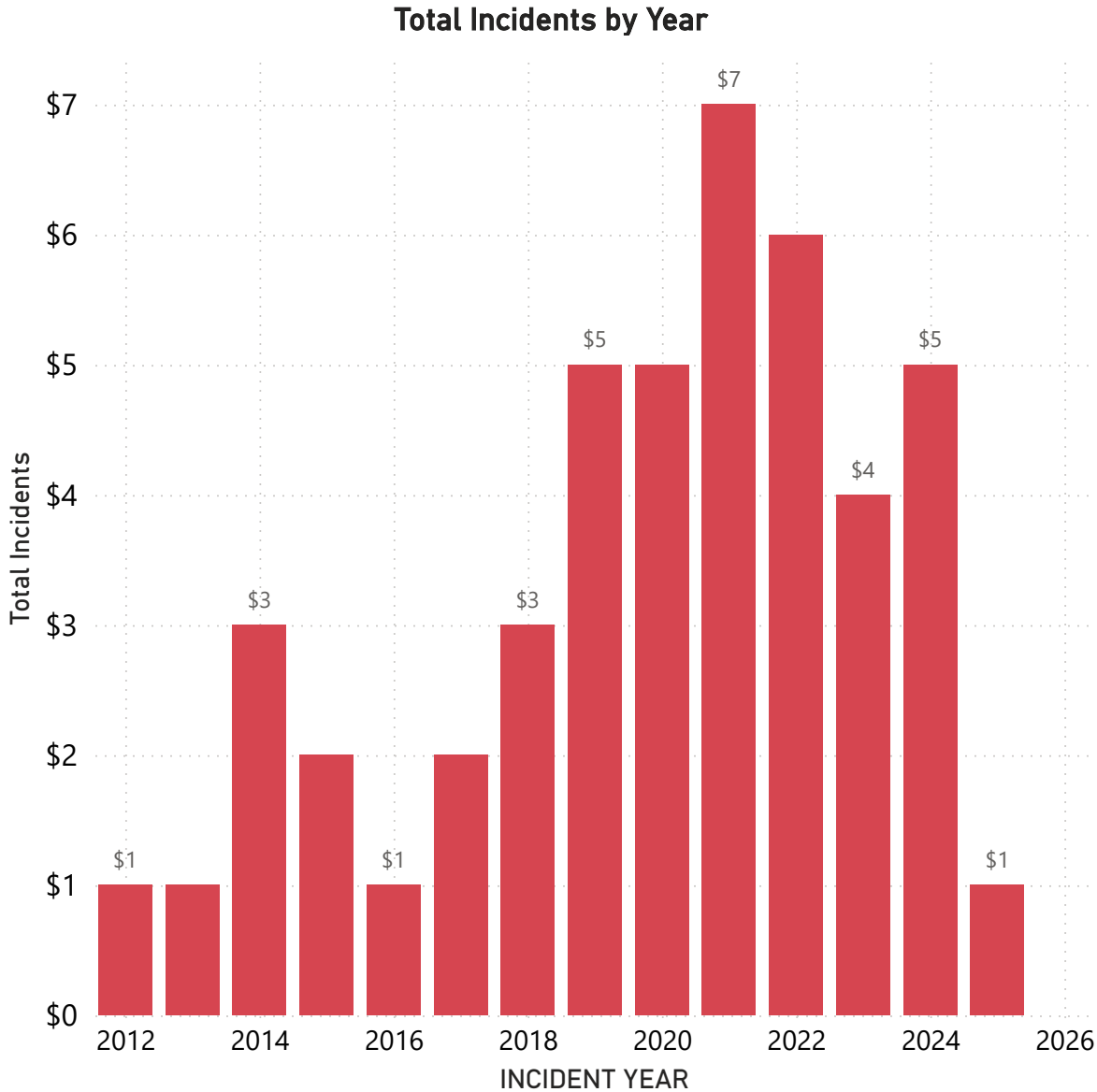
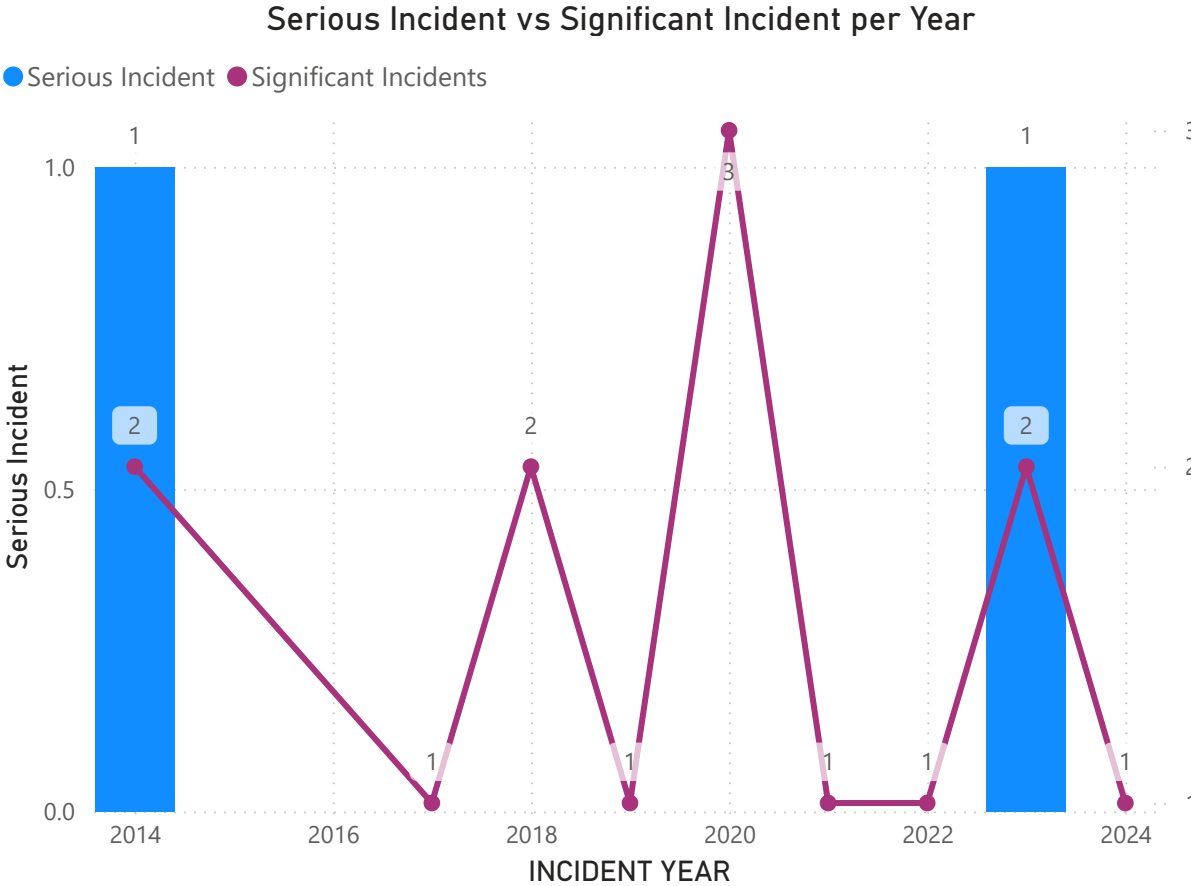
### Filter by Cause

- ☐ LNG (LIQUEFIED NATURAL GAS) WHILE BEING HANDLED IN LIQUID PHASE
- ☐ LPG (LIQUEFIED PETROLEUM GAS) WHILE BEING HANDLED IN LIQUID PHASE
- ☐ NATURAL GAS WHILE BEING HANDLED IN GASEOUS PHASE
- ☐ NO RELEASE OF COMMODITY INVOLVED
- ☐ OTHER COMMODITY
- ☐ REFRIGERANT GAS

# Incident Trends & Severity

## Trend & Severity Analysis:

This page explores LNG incident trends over time, highlighting yearly changes in incident frequency, financial impact, and classification by severity (significant or serious). It helps stakeholders understand whether LNG safety events are increasing or decreasing and the cost implications over time

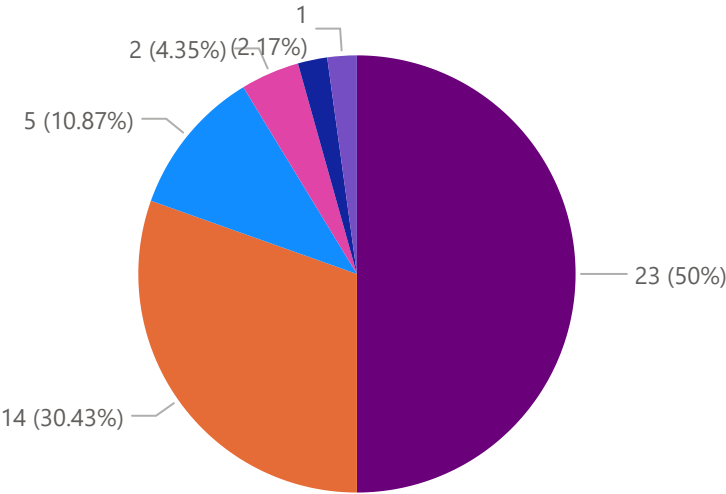


Incident Cause Analysis

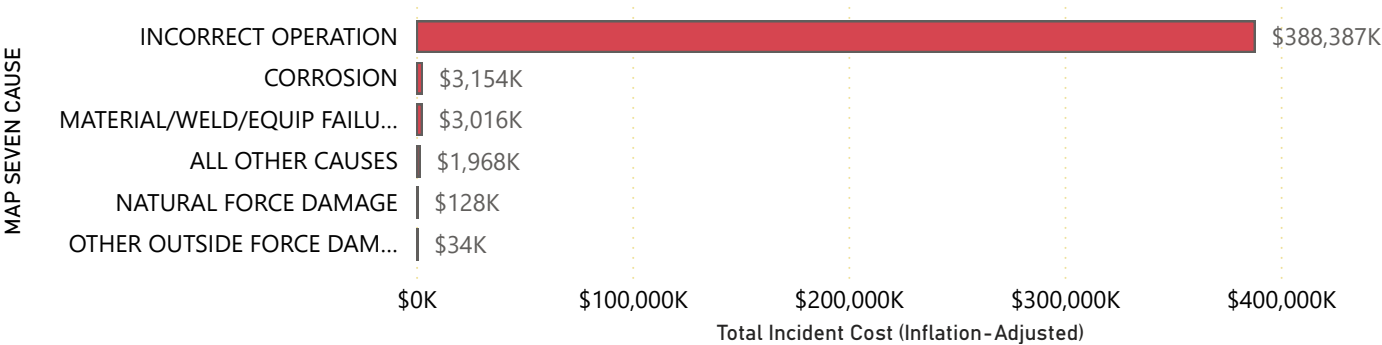
**Root Cause Insights:**  
This view breaks down LNG incidents by cause categories, such as equipment failure, corrosion, or operator error, using MAP Seven or standard PHMSA incident cause fields. Identifying top contributing causes enables better prevention strategies and operational risk targeting.

- MAP SEVEN CAUSE
- MATERIAL/WELD/EQUIP FAILURE
  - INCORRECT OPERATION
  - ALL OTHER CAUSES
  - NATURAL FORCE DAMAGE
  - CORROSION
  - OTHER OUTSIDE FORCE DAMA...

Incident Count by Cause



Total Incident Cost by Cause

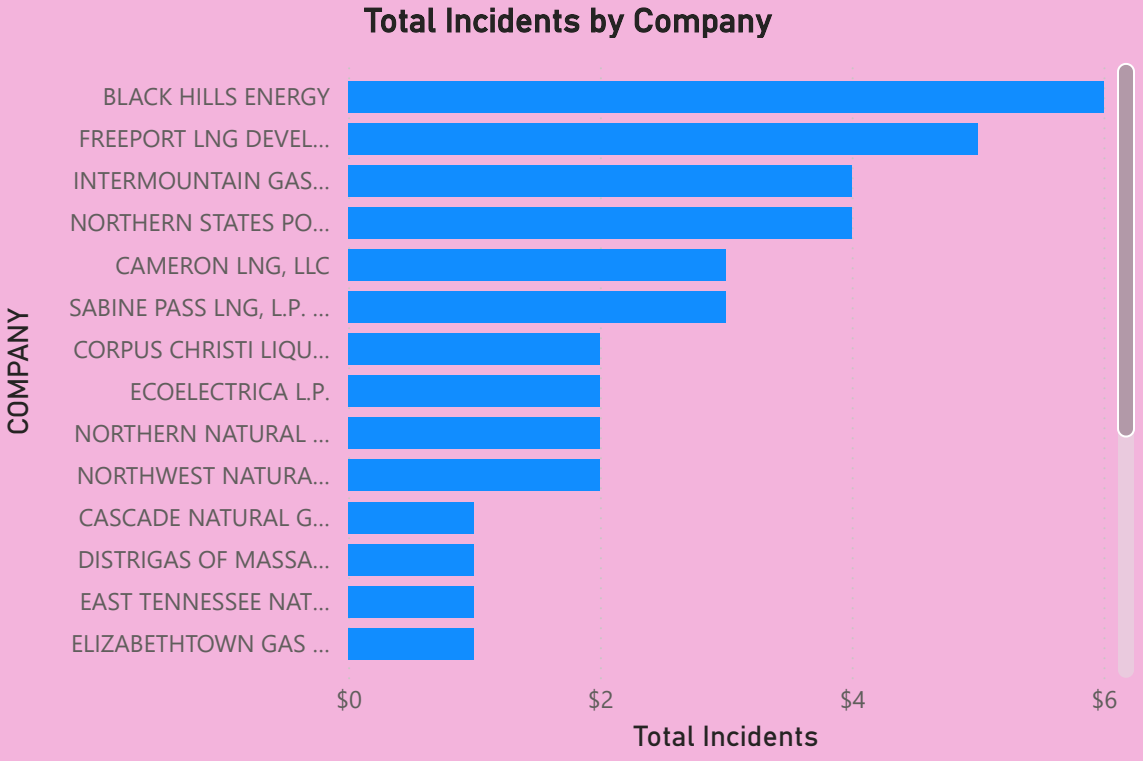


Incident Year	2012		2013		2014	
MAP Seven Cause	Total Incidents	Total Incident Cost (Inflation-Adjusted)	Total Incidents	Total Incident Cost (Inflation-Adjusted)	Total Incidents	Total Incident Cost (Inflation-Adjusted)
ALL OTHER CAUSES						
CORROSION						
INCORRECT OPERATION					1	56,61
MATERIAL/WELD/EQUIP FAILURE	1	12,717.00	1	1,685.32	1	12
NATURAL FORCE DAMAGE					1	10
OTHER OUTSIDE FORCE DAMAGE						
Total	1	12,717.00	1	1,685.32	3	56,84

## Geographic & Company-Level View

### Geographic & Operator Insights:

This page shows where LNG incidents occur and which operators are most frequently involved. The map and highlights state level incidents, while the bar chart and matrix display operator activity and cost impact over time.



### Incident Cost by State



### Company by Year with Cost

COMPANY	2012	2013	2014
WISCONSIN GAS LLC DBA WE ENERGIES			
WILLIAMS PARTNERS OPERATING LLC			\$56,611,853.5129
VENTURE GLOBAL CALCASIEU PASS, LLC			
SOUTHERN LNG, INC			
SABINE PASS LNG, L.P. (CHENIERE)			
PEOPLES GAS LIGHT & COKE CO			
NORTHWEST NATURAL GAS CO	\$12,717		
NORTHERN STATES POWER CO OF MINNESOTA			
NORTHERN NATURAL GAS CO		\$1,685.321525911879	
NORTHERN INDIANA PUBLIC SERVICE CO			
LNG INDY, LLC			
INTERMOUNTAIN GAS CO			\$125,746.346284
INTERIOR GAS UTILITY			
FREEPORT LNG DEVELOPMENT, L.P.			
FVRSOURCE GAS COMPANY OF MASSACHUSETTS			
Total	\$12,717	\$1,685.321525911879	\$56,841,127.5544