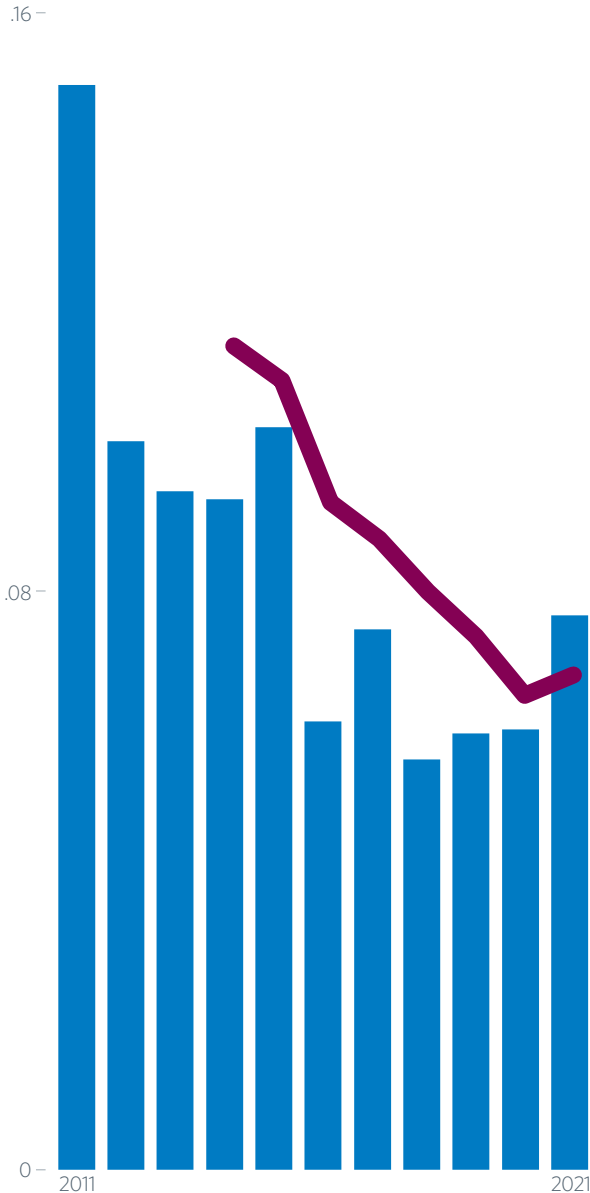


Measuring Process Safety Performance Improvement

PROCESS SAFETY EVENT (PSE) RATES

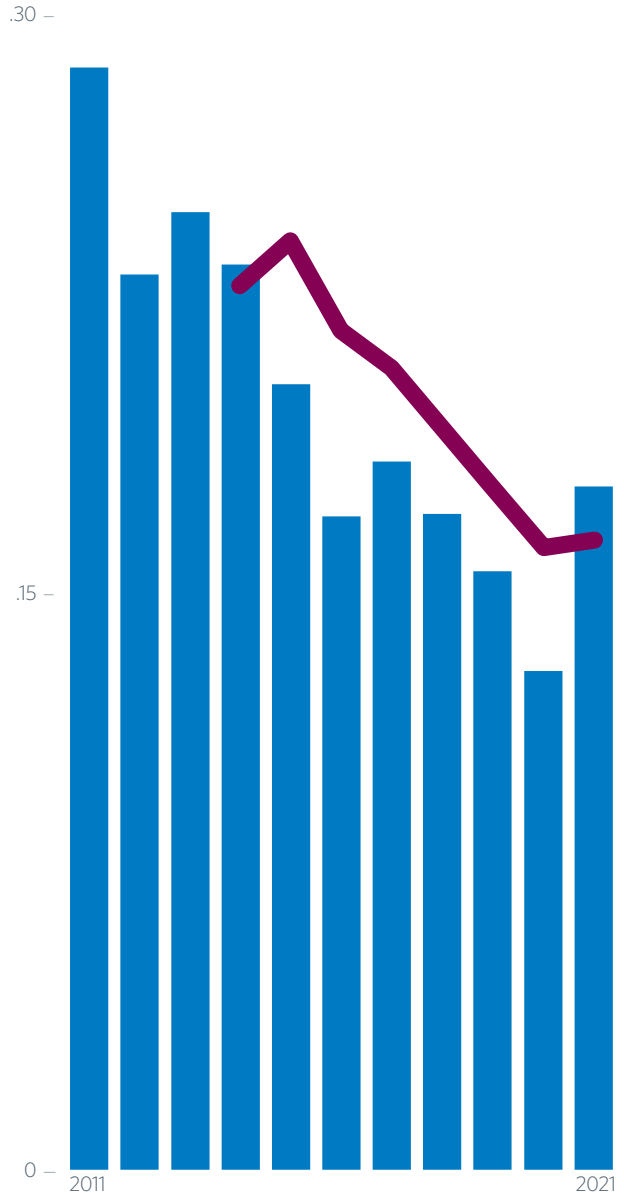
Tier 1 Refinery Process Safety Event Rates

- Refining
- 5-year Refining Rolling Average



Tier 2 Refinery Process Safety Event Rates

- Refining
- 5-year Refining Rolling Average

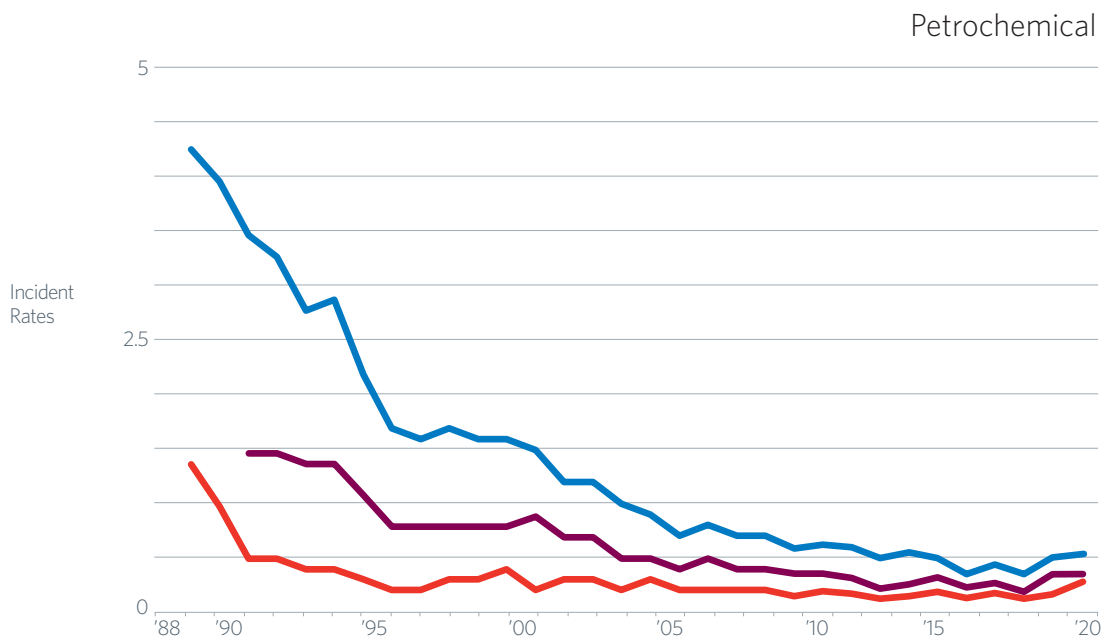
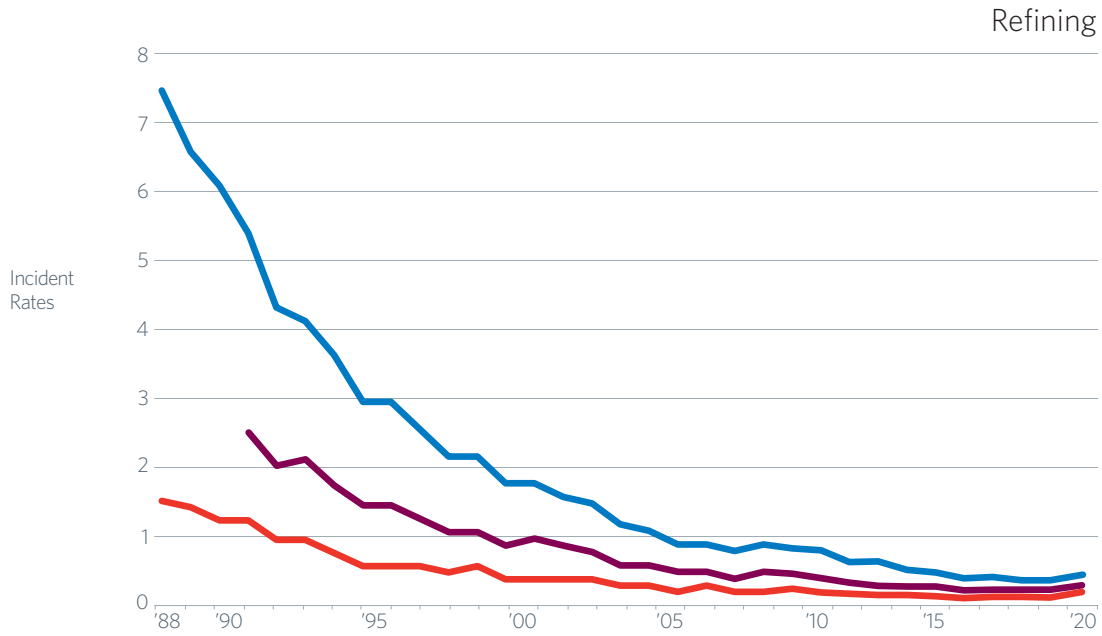


Refining & Petrochemical Industries Radically Reduced Injuries

PAST 30 YEARS

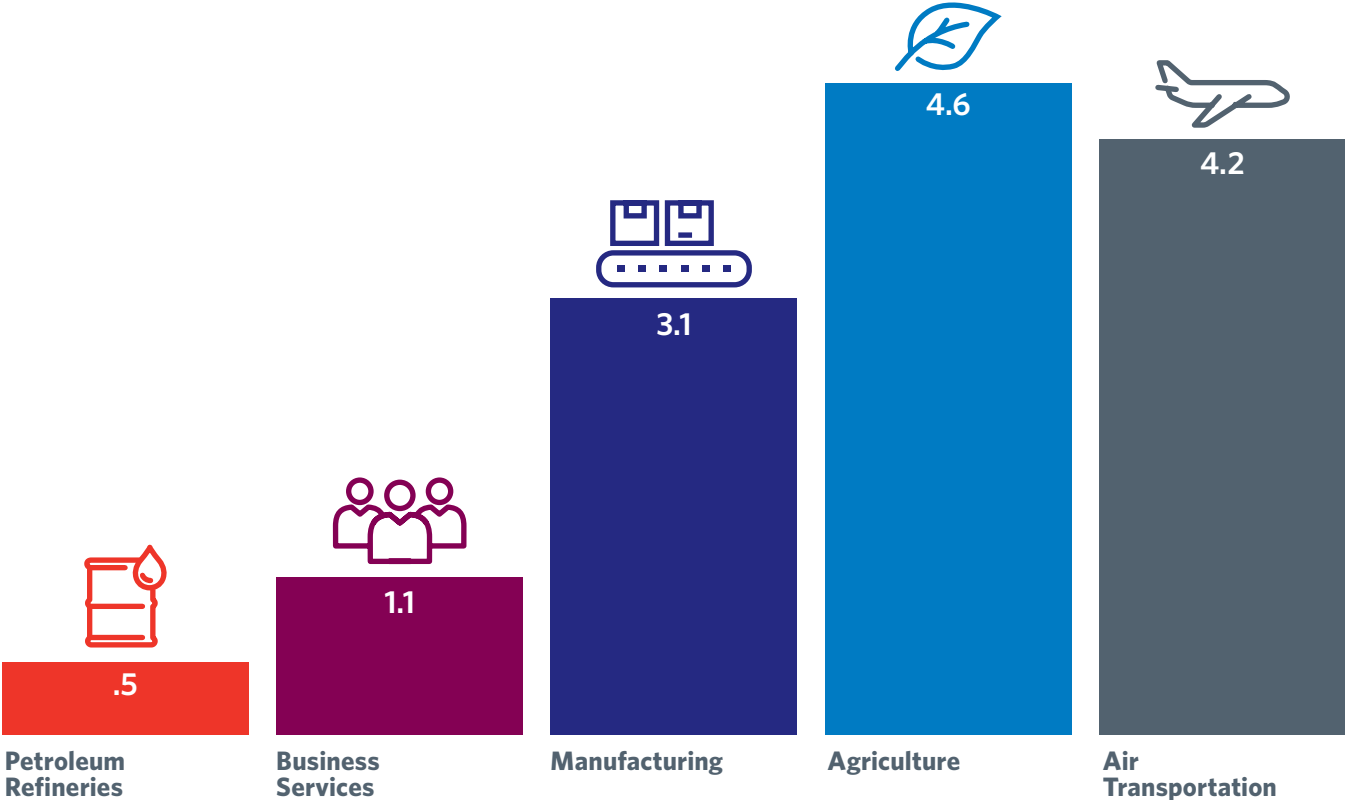
Injury & Illness Incident Rates for Refineries

- Total Recordable Incident Rate
- Days Away, Restricted, or Transfer Rate
- Fatality and Days Away Rate



Incidence Rates of **Non-Fatal Injuries or Illnesses Across Sectors**

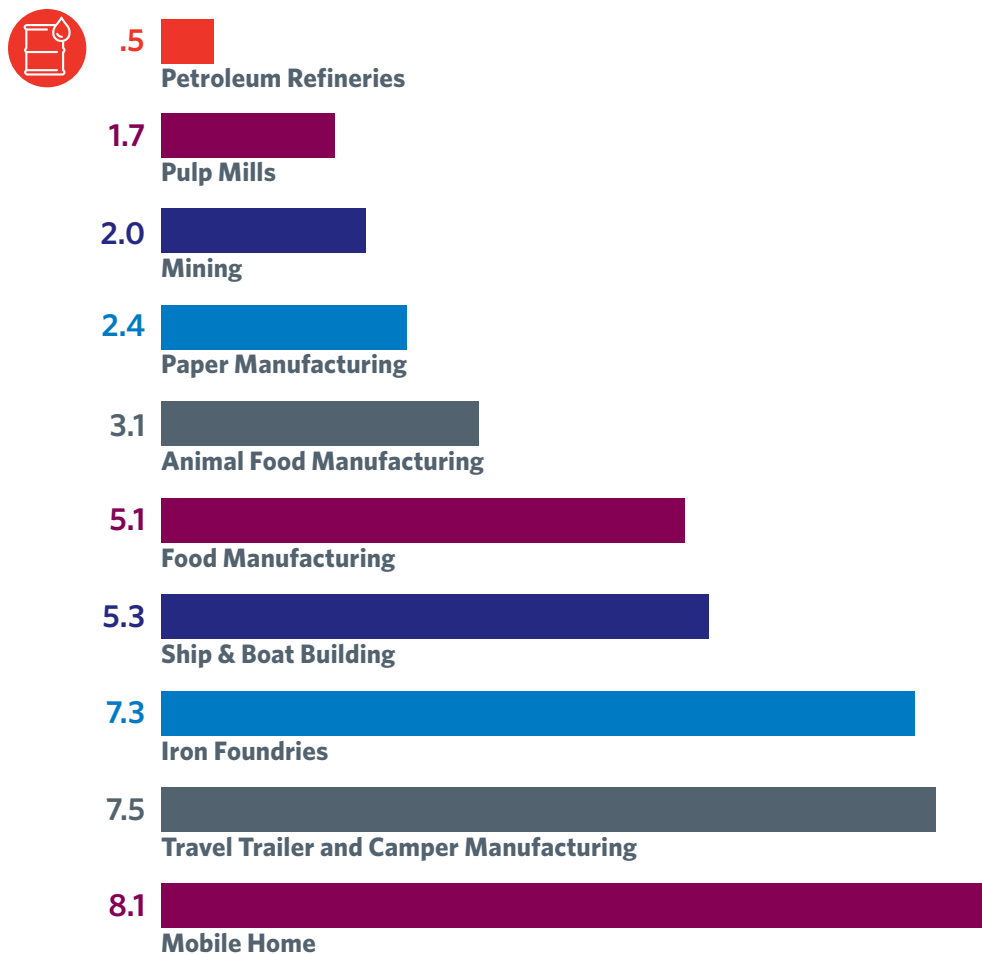
PER 100 FULL-TIME EMPLOYEES



Bureau of Labor Statistics; Industry, Injury, and Illness Data 2020, Summary Table 1
The Bureau of Labor Statistics did not collect injury and illness data on the petrochemical manufacturing industry for 2020.

Incidence Rates of **Non-Fatal Injuries or Illnesses Among Manufacturing Sectors**

Over the past 20 years, the refining and petrochemical industries have consistently had the lowest rates of injury and illness among all of the manufacturing sectors. In 2020, **REFINING RANKED 5TH OUT OF 503 INDUSTRIES** behind computer chip manufacturing.



*Per 100 Full-Time Employees
Bureau of Labor Statistics; Industry, Injury, and Illness Data 2020, Summary Table 1
The Bureau of Labor Statistics did not collect injury and illness data on the petrochemical manufacturing industry for 2020.

Human Performance Principles

WE LEVERAGE HUMAN PERFORMANCE PRINCIPALS TO DELIVER FACILITIES, SYSTEMS, AND BEHAVIORS TO REDUCE THE LIKELIHOOD AND IMPACT OF HUMAN ERROR WHERE IT MATTERS MOST.

