

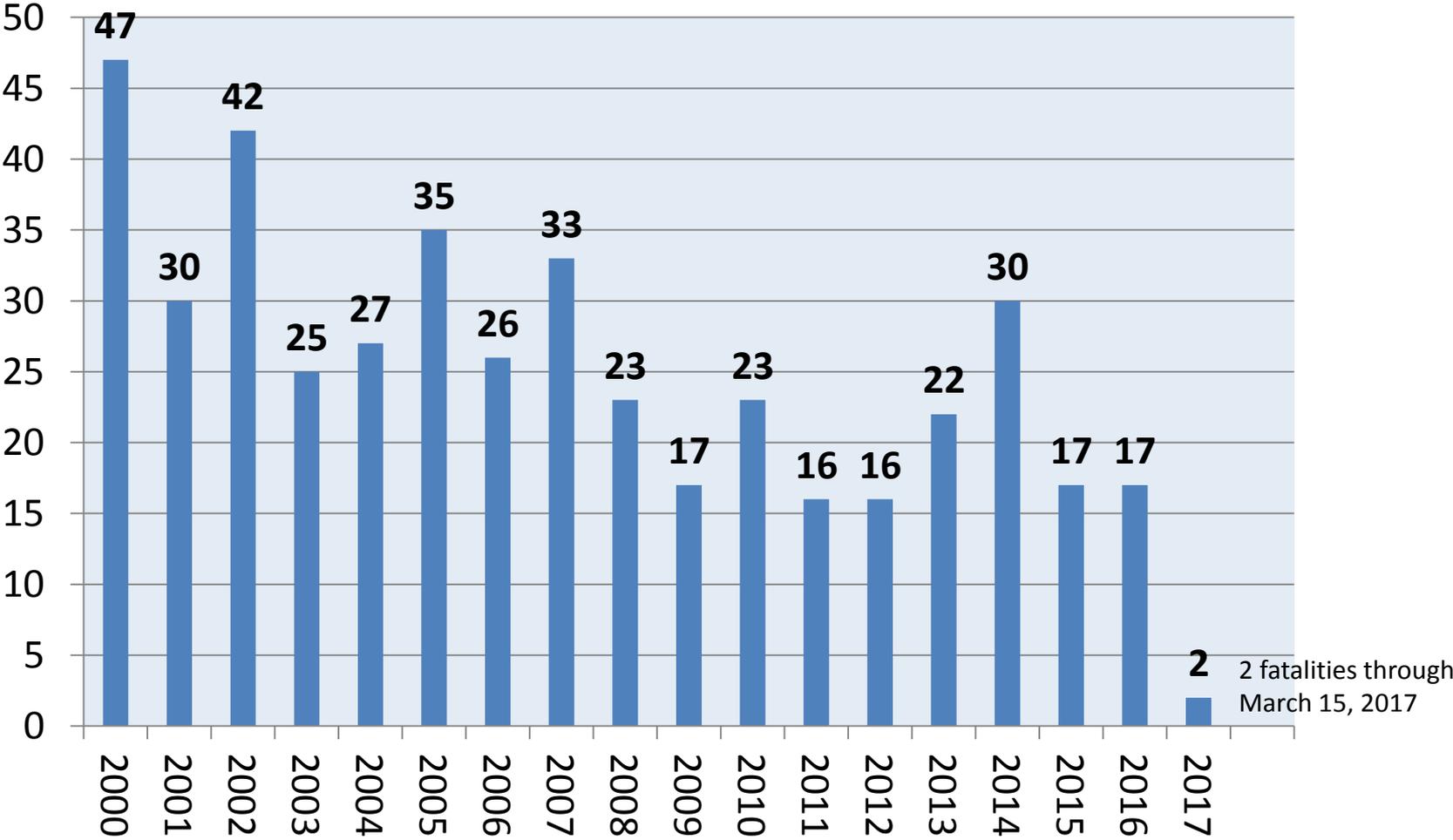


# NE District Safety and Health Conference Columbus, Ohio

April 3, 2017

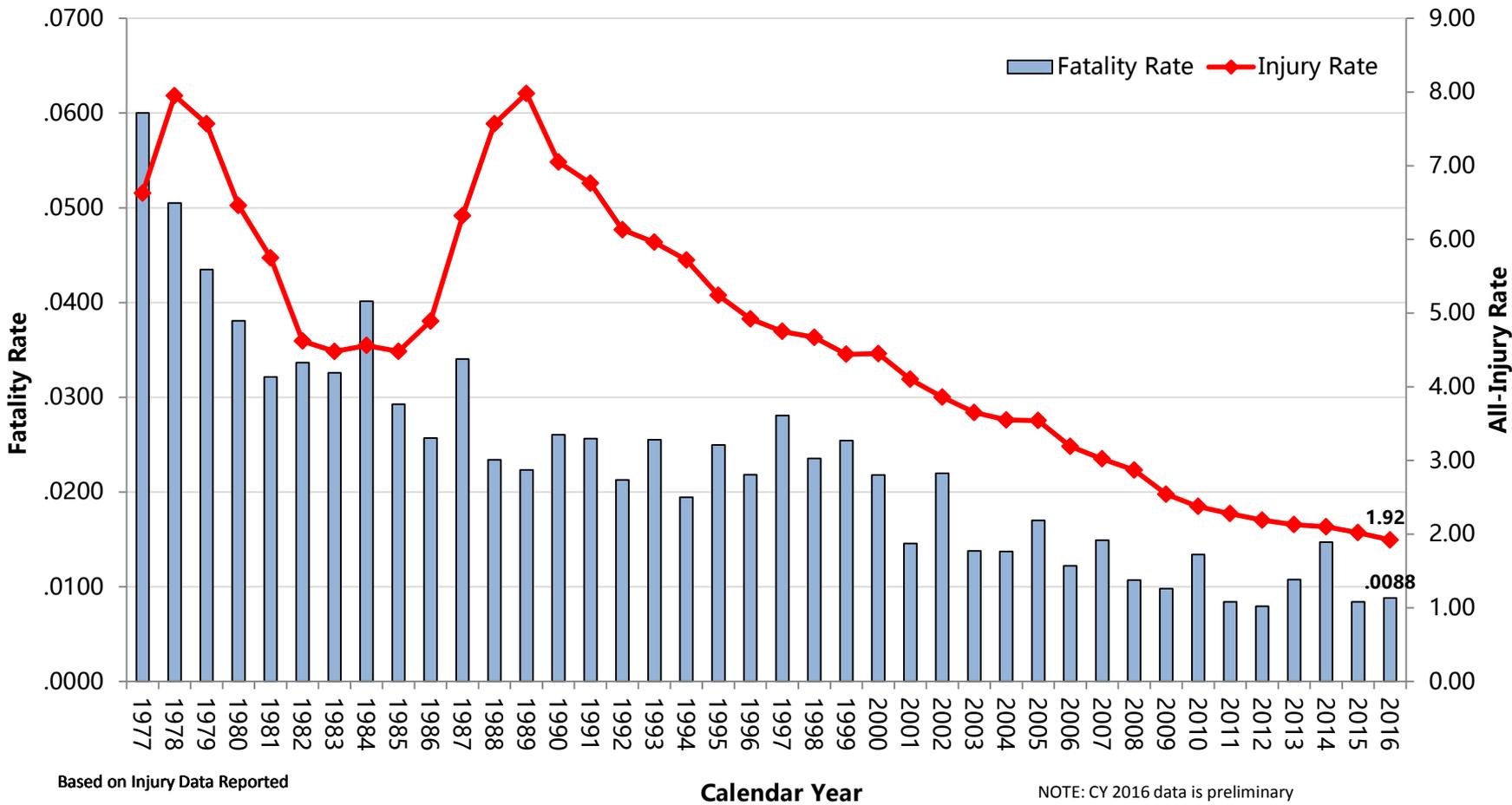


# MNM Fatalities – 2000 - 2016



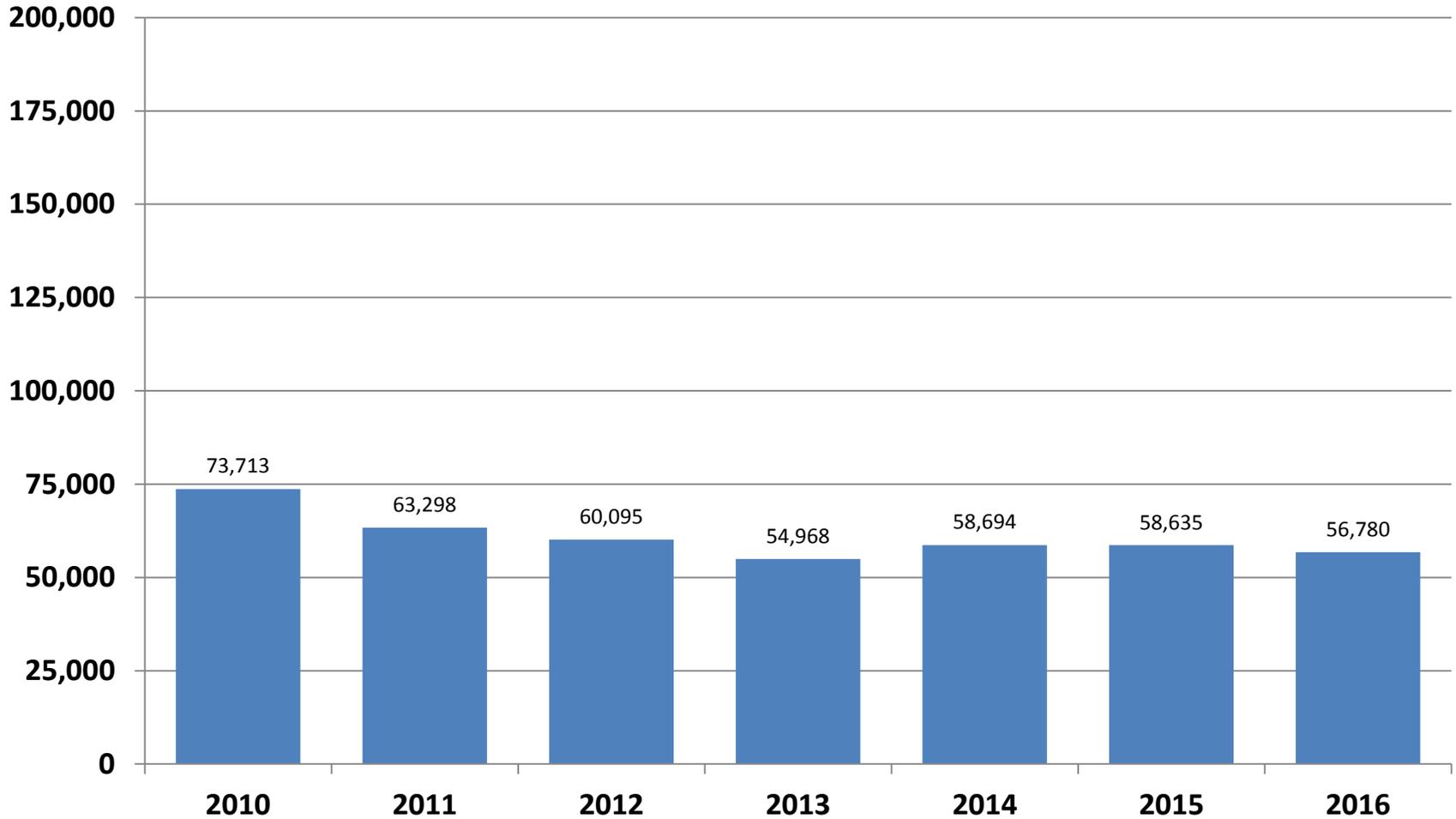


# MNM US Mines - Fatality and All-Injury Rates CY 1977 – 2016

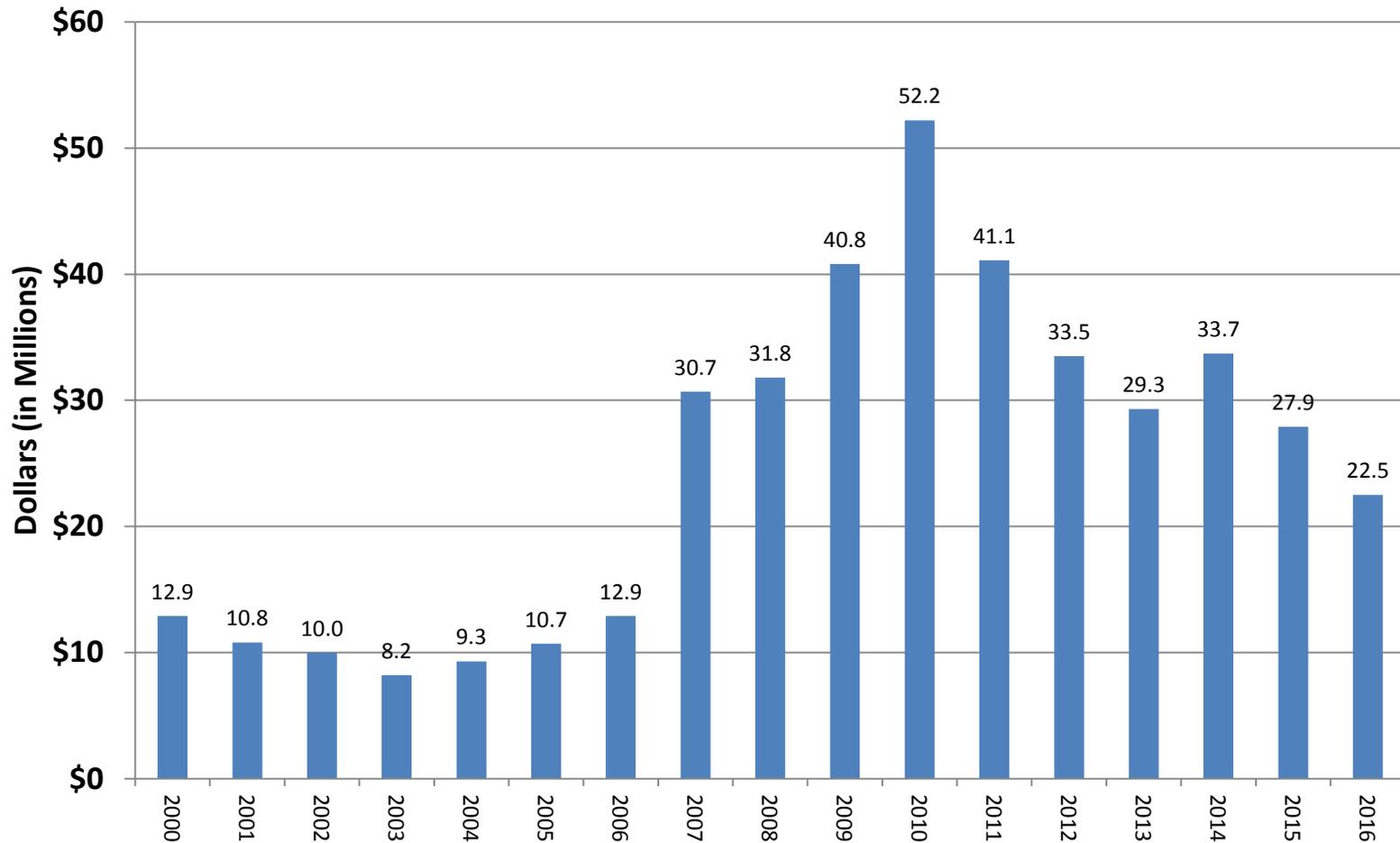




# MNM MINES – NUMBER OF CITATIONS AND ORDERS CY 2010 – 2016



# MNM Dollar Amount Assessed CY 2000-2016





# MNM Fatality #1 in 2017

On January 25, 2017, a miner was found in an underground limestone mine after failing to exit the mine at the end of the shift. The miner was located under material that had fallen from the rib in an area of the mine that had been barricaded to prevent entry due to bad roof and rib conditions.



# FALL PROTECTION

- 29 miners died over a 10-year period.

## ***Metal and Nonmetal Mine Safety Alert*** ***Preventing Fall of Person Accidents***

In the past decade, 29 miners have died at metal and nonmetal (MNM) mines when they fell from the area where they worked, such as heavy equipment, ladders and conveyor walkways.

- Best Practices

- Released in March 2017



### ***Best Practices***

- Make mobile or stationary platforms, from which miners may work, available at locations where there is risk of falling.
- Assign a safety harness and lanyard to each miner who may work at an elevated height or locations where a fall can occur.
- Construct stable, durable and secure anchor points for miners to attach lanyards at all locations where a fall hazard exists, and inspect these anchor points frequently. Post signage, "FALL PROTECTION IS REQUIRED HERE".
- Place stable and secure physical barriers around all floor openings through which miners may fall. Yellow caution tape is not acceptable to use as a barrier.
- Design work areas and develop job tasks that minimize fall hazards.
- Mine operators and independent contractors must always comply with these four standards that help prevent falls from occurring: §§56/57.11001 Safe access and §§56/57.15005 Safety belts and lines.



# Regulatory Issues

- Examinations of Working Places in Metal and Nonmetal Mines
  - Next action: proposed rule; delay of effective date
  - Comment period closes on April 26, 2017
- Exposure of Underground Miners to Diesel Exhaust
  - Next action: Request for Information, reopening of the comment period.
  - Comment period closes on January 9, 2018
- Proximity Detection Systems for Mobile Machines in Underground Mines
  - Next action: Proposed rule; extension of comment period
  - Comment period closes on April 10, 2017