

# MSHA REVIEW 2008



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# Metal and Nonmetal Mines 2008

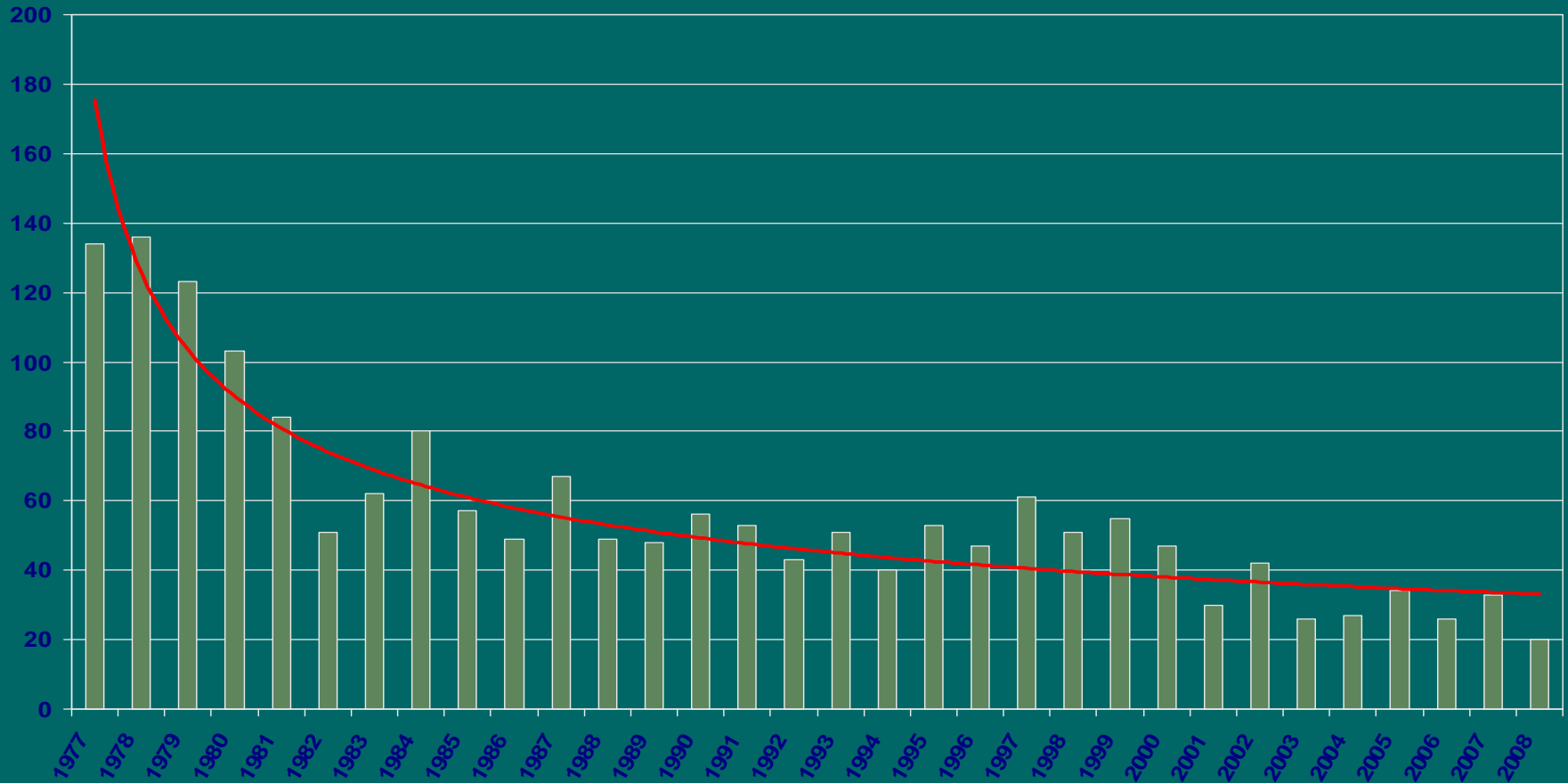
➤ Metal & Nonmetal Mines	12,534
Surface Mines	11,860
Underground Mines	247
Facilities	427
➤ Mandated Inspections	~ 18,000

# Mine Industry Employment 2008

- **Metal & Nonmetal Miners** ~ 187,000
- **Hours reported** ~ 365,000,000
- **Contractors** ~ 5,400
- **Contractor Employees** ~ 68,000

# Metal and Nonmetal Fatalities

**\*20 Fatalities YTD in CY 2008**



# 2008-Mines/Fatalities

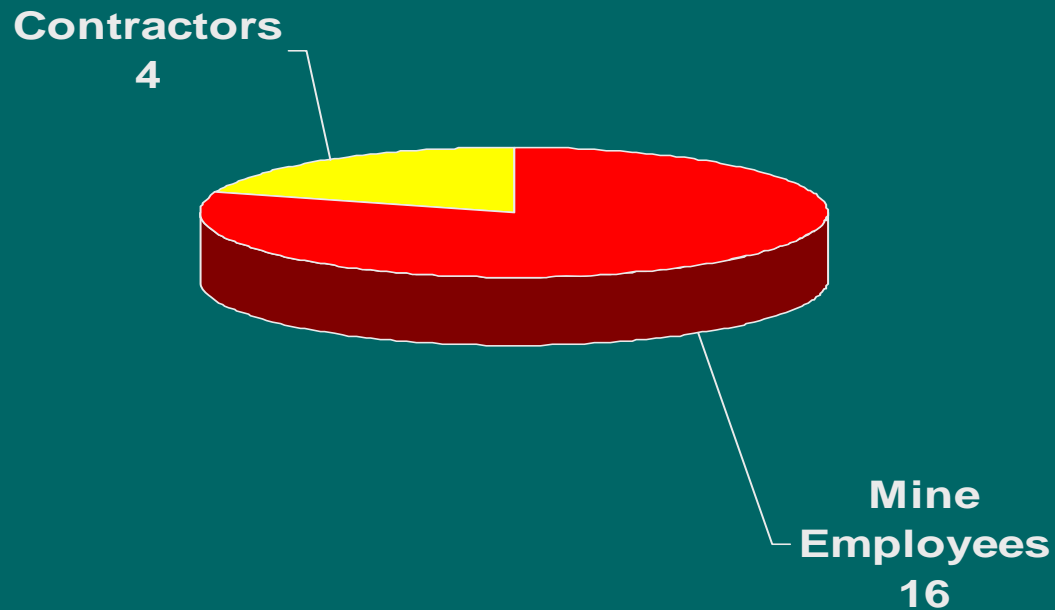
- ◆ Mines with 0 fatalities 99.86%
- ◆ Mines with a Fatality 0.14%

# FY-2008

## Oct. 1st thru Sept. 30th

- ◆ 21 fatalities
- ◆ FY-2007 -32      **34% reduction**
- ◆ Lowest no. fatalities in FY for MNM

# MNM Fatalities, CY 2008 YTD



# Fatality Root Causes

- ◆ Risk Assessment Not Conducted
- ◆ Inadequate Policies, Procedures, Controls
- ◆ Failure to Use Personal Protective Equipment
- ◆ Lack of Pre-Operation Checks
- ◆ Equipment Not Maintained
- ◆ Training Inadequate

# Accident-Free Mines in FY 2008

- ◆ 83.4 % of mines: 0 injuries
- ◆ 6,188 reportable accidents

## ◆ **Comprehensive Inspection Program -100%**

- Last October, MSHA's new 100 Percent Inspection Plan was announced.
- MNM conducted 18,251 mandated inspections in FY-08
- Enforcement numbers increased

## ◆ **Pattern of Violations Program**

- MSHA developed a database and computer screening process to identify mines that may have a Pattern of Violations

# Looking Ahead to FY 2009

- ◆ Continue the 100% inspection effort
- ◆ Health sampling emphasis
- ◆ Pattern of Violation (POV) screenings
- ◆ Safety Target program
  
- ◆ Transition to New Administration

# New Regulations

- **Diesel Particulate Matter in Underground Mines - 160 micrograms**
- **Asbestos PEL lowered to 0.1 f/cc**
- **Substance Abuse - Proposed Rule**

# Targeting Mine Fatalities



- Identify top causes of fatalities
- Produce and provide training packets for each topic
  - DVDs, Safety Bulletins, Toolbox Talks
  - Miners' Tips, Special products
- Materials available by mail or on-line
- Continue coordination with State agencies
- Industry implement with individual miners

# Top Ten Targets - MNM



- Falls from elevation
- Operating equipment (surface)
- Maintenance
- Lock and tag
- Block against motion
- Hit by equipment (surface)
- Pre-op checks
- Roof / rib falls
- Communication
- Unsafe act

# Our Ultimate Measure of Success

