

U.S. Department of Labor

MSHA

Mine Safety & Health Administration

Regional Stakeholder Meeting

August 26, 2019



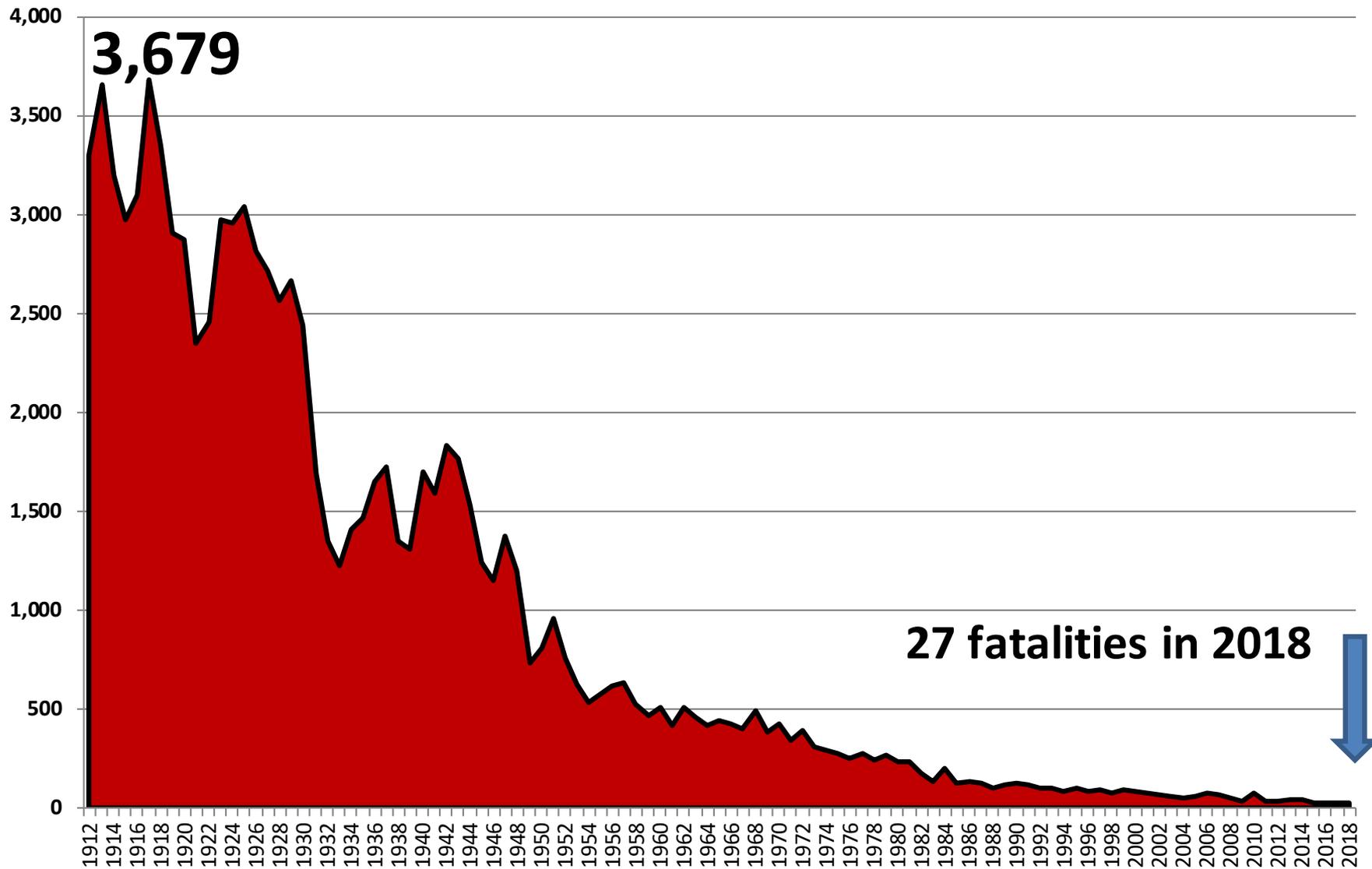
MSHA.GOV | @MSHA_DOL

The MSHA Mission

“to prevent death, illness, and injury from mining and promote safe and healthful workplaces for U.S. miners”



All Mining Fatalities 1912-2018



National MSHA Data for 2018

# of Mines Reporting Employment	13,021
- Coal Mines Only	1,187
- Metal/Nonmetal Mines Only	11,834
Total Employment	331,170
MSHA E01 Inspections Completed	19,215
Citations & Orders Issued	97,872
Dollars Assessed (Millions)	\$56



MSHA's Mine Portfolio

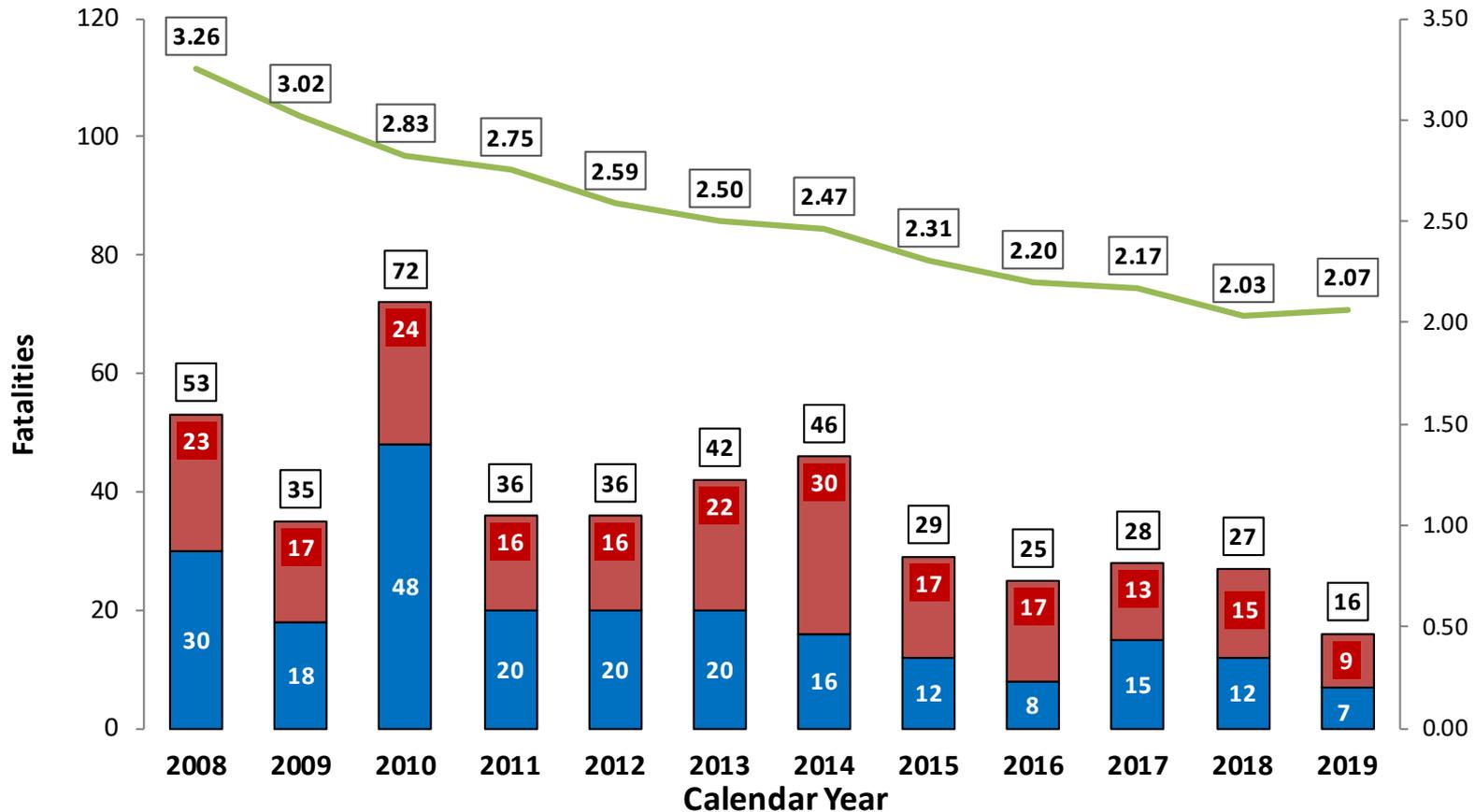
Trailing 4 Quarters, 2018 Q2 – 2019 Q1

	Number of Mines	Share of Total
	422	3%
UG MNM Only	239	1.7%
UG Total	661	4.7%
All Surface	12,416	89.1%
Facilities	859	6.2%



ALL INJURY RATES & FATALITIES (CY 2008 – 2019Q1)

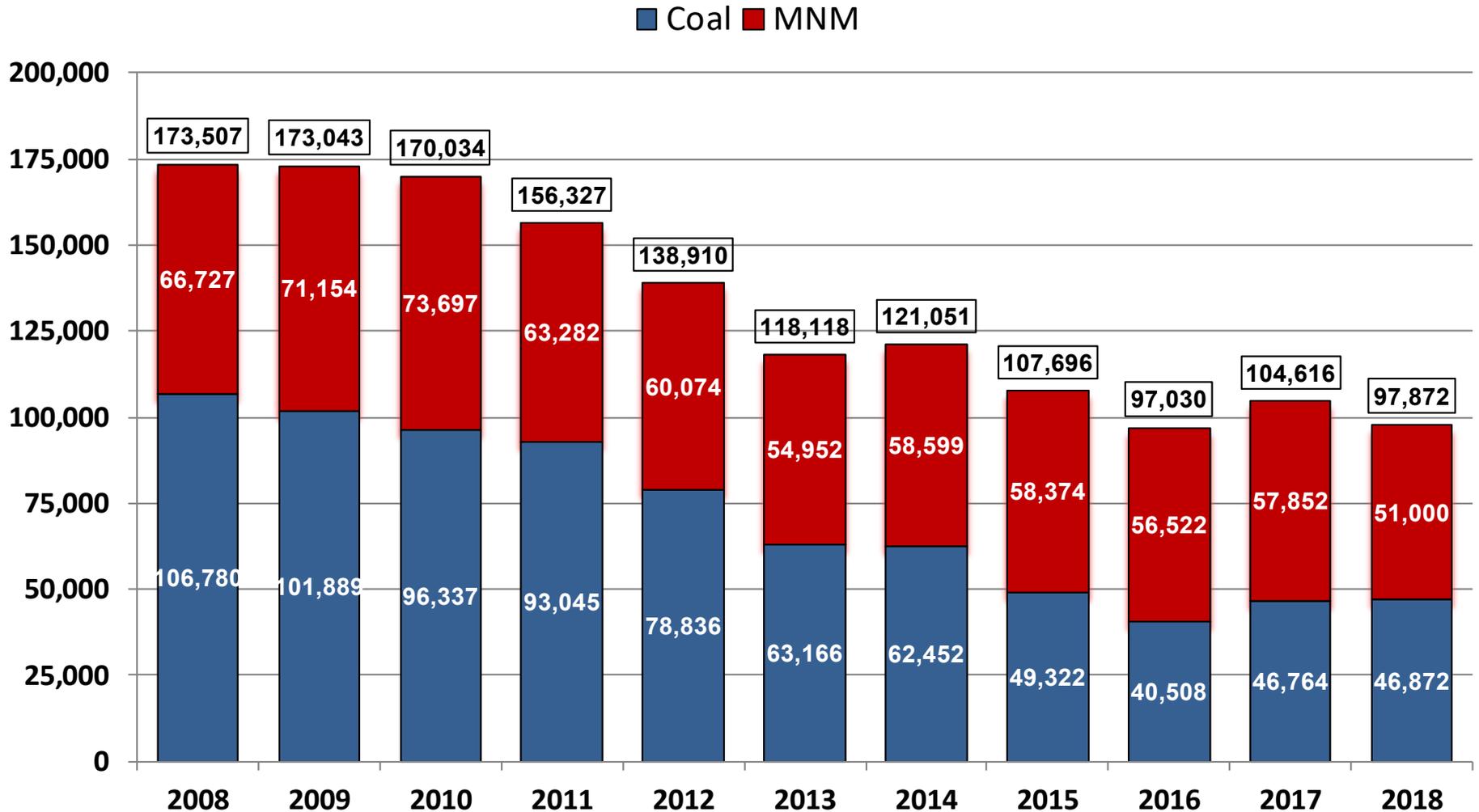
Coal Fatalities MNM Fatalities Injury Rate



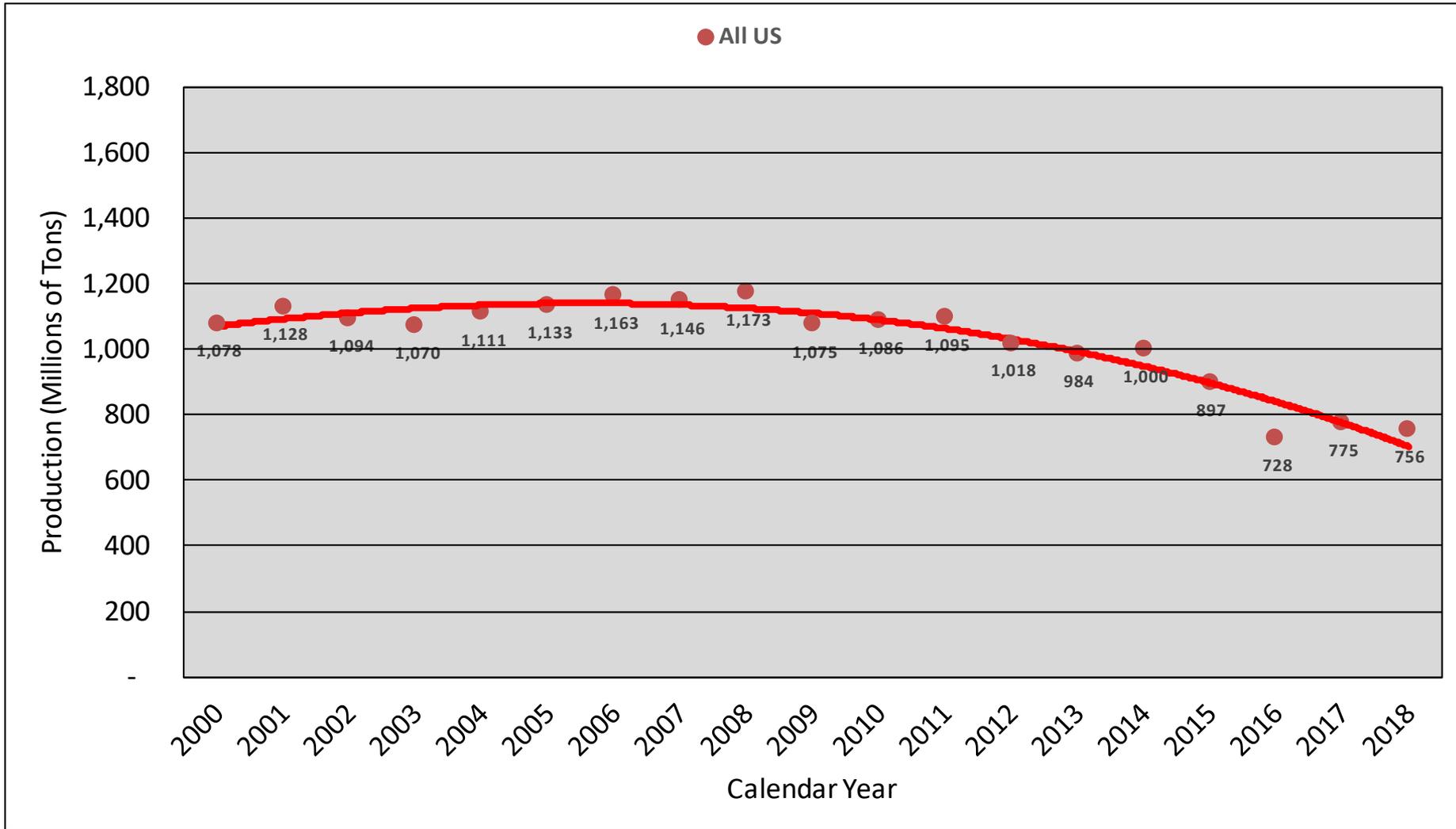
Data run on 8/20/2019



Citations & Orders Issued 2008-2018



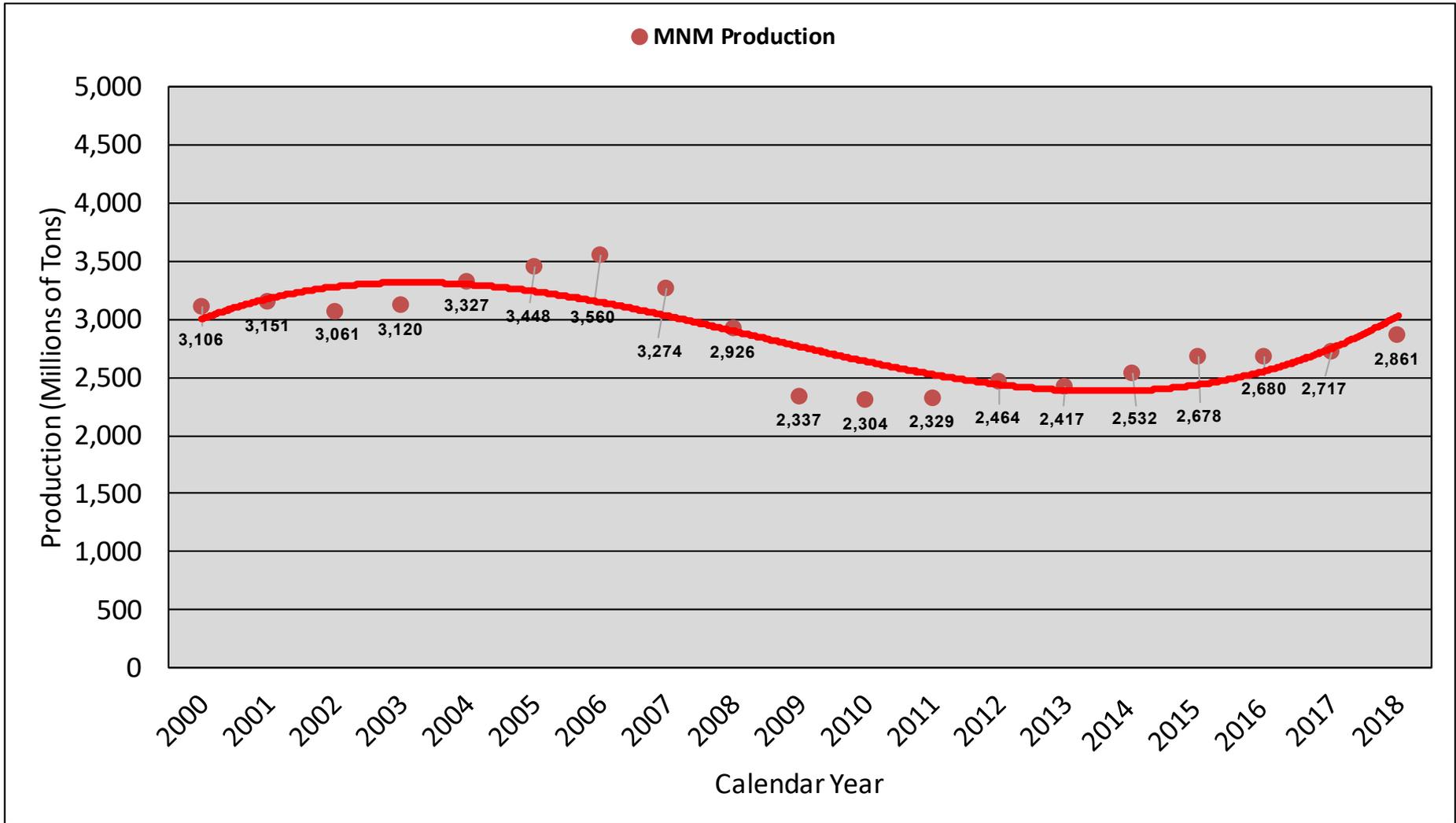
Coal Production CY 2000-2018



Data generated on 5/31/2019



MNM Production CY 2000-2018



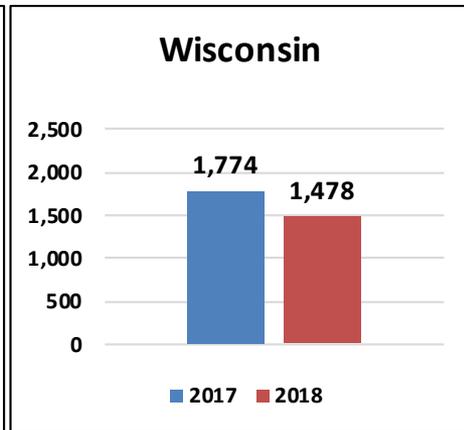
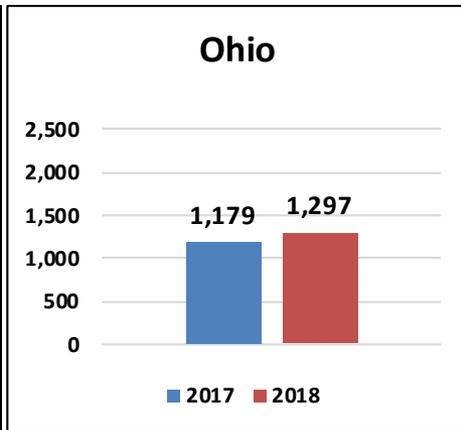
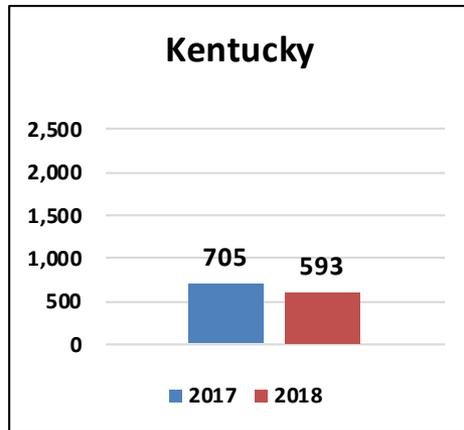
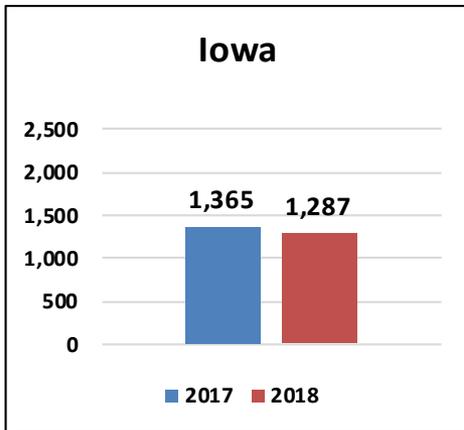
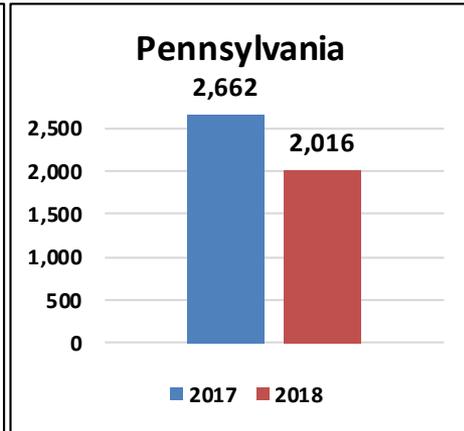
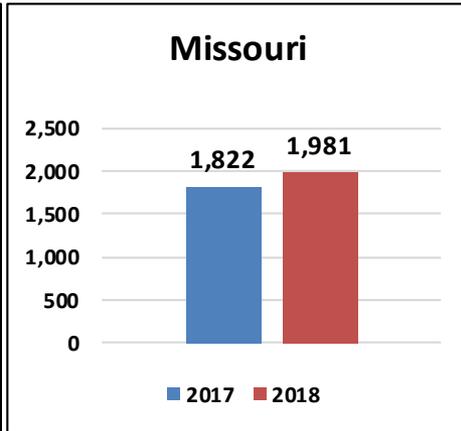
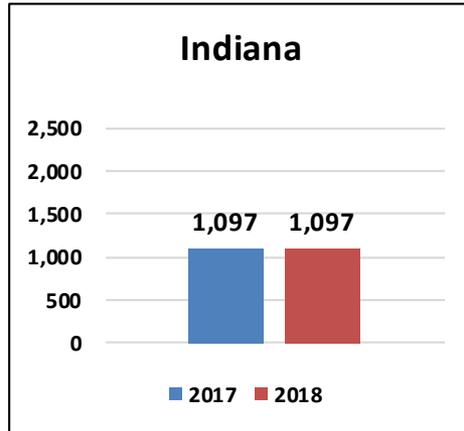
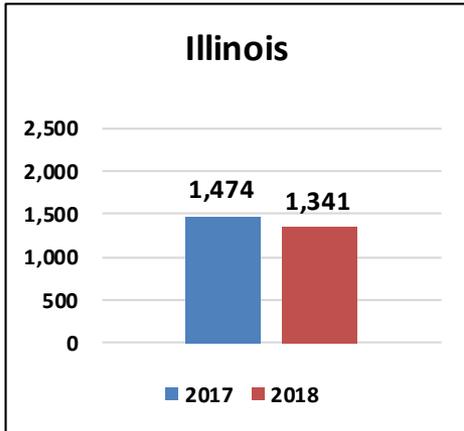
Data generated on 5/31/2019

*Limited set of production data for M/NM

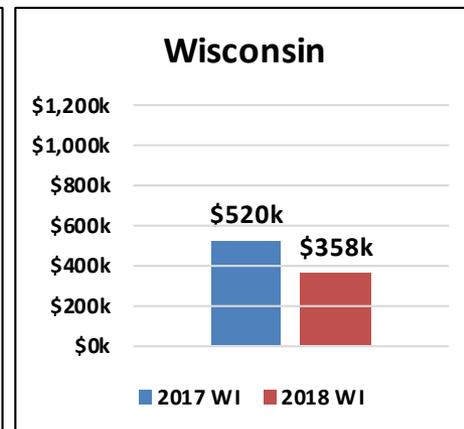
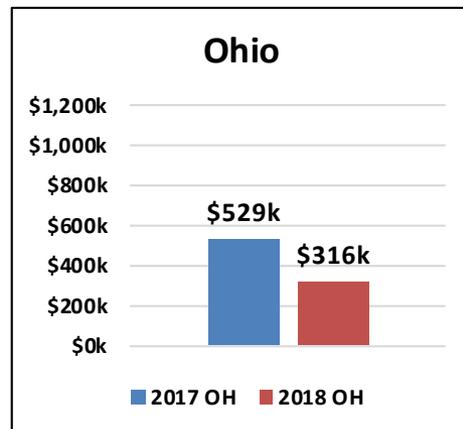
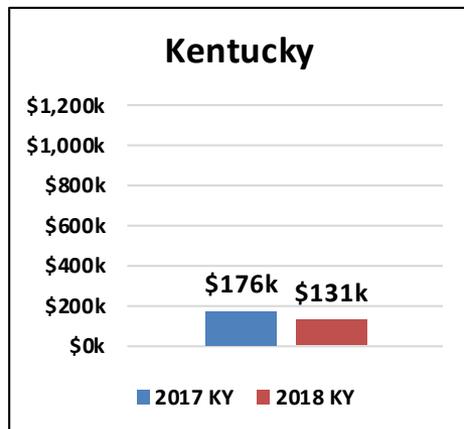
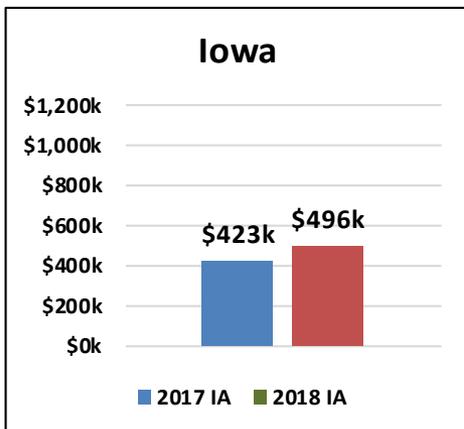
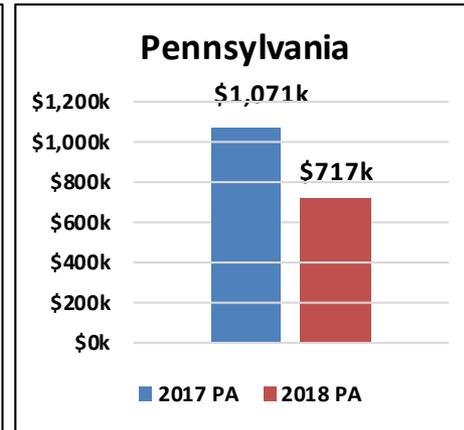
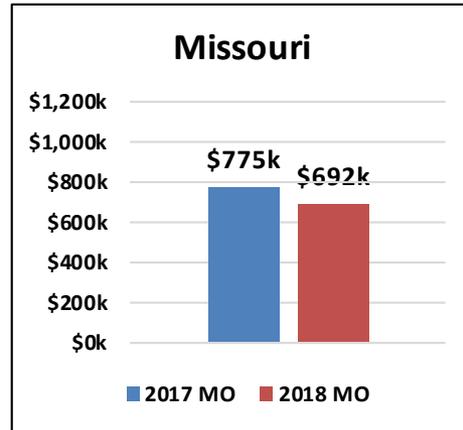
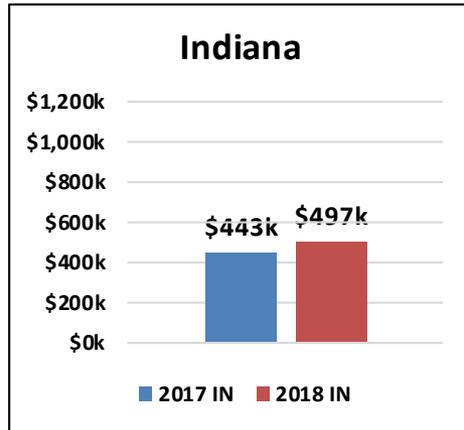
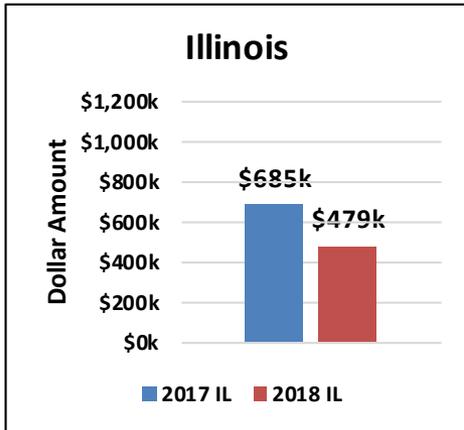
SOURCES: U.S. Geological Survey, Mineral Commodity Summaries 2019



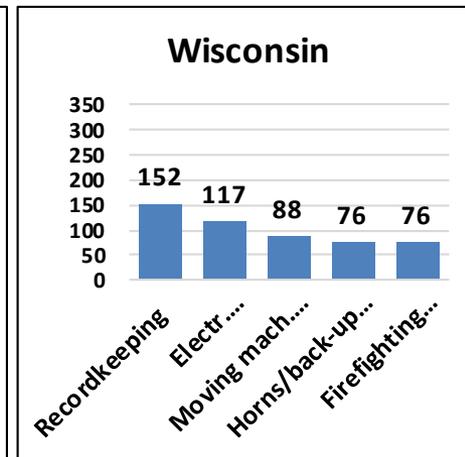
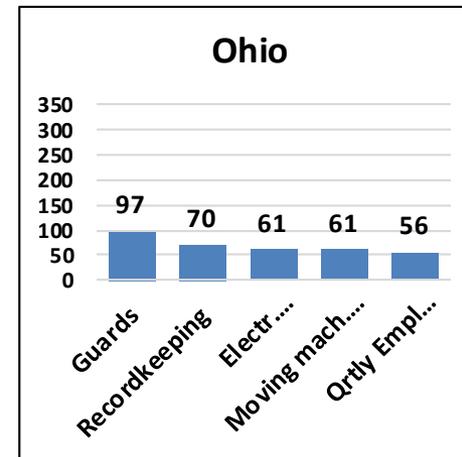
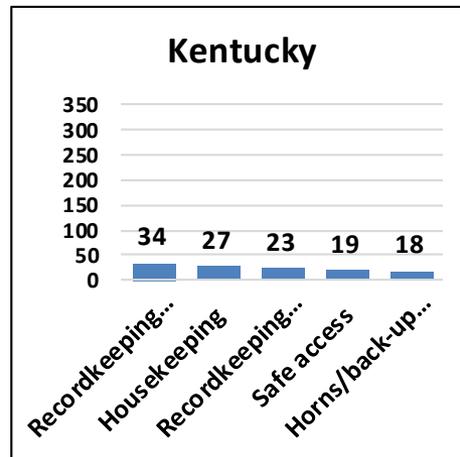
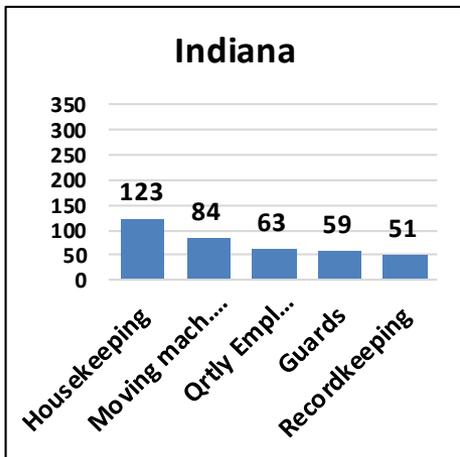
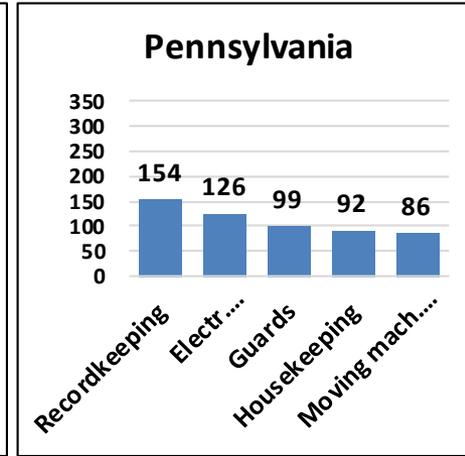
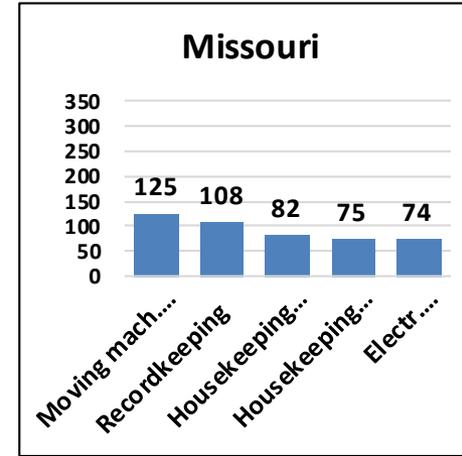
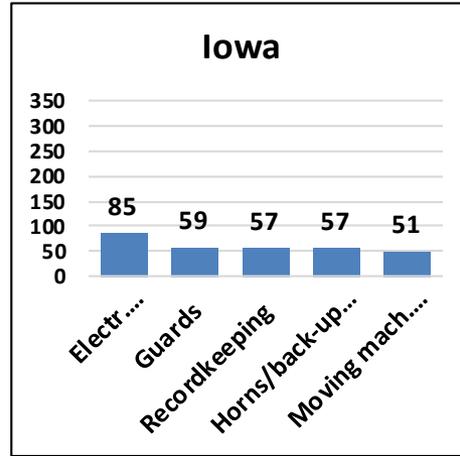
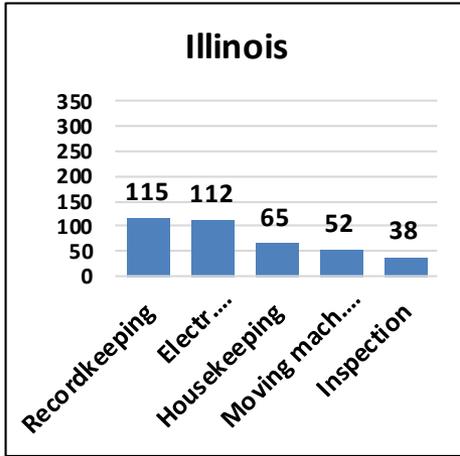
CITATIONS AND ORDERS ISSUED TO METAL/NON-METAL MINES (CY 2017-2018)



PROPOSED PENALTIES (\$) TO METAL/NON-METAL MINES (CY 2017-2018)



TOP 5 METAL/NON-METAL STANDARDS CITED (CY 2018)



Powered Haulage Safety Initiative

Powered Haulage accidents were responsible for 50% of fatalities in recent years; 13 of 27 (48%) in 2018, and 31% so far in 2019.

Preventing these accidents is a priority for MSHA, with a focus on:

- Mobile Equipment
- Belt Conveyors
- Seat Belt Safety



View from the Operator's Cab



Actual Activity on the Ground

Large vehicles striking other vehicles or pedestrians have killed 24 miners since 2003



Belt Conveyors

- Seven miners killed working around belt conveyors since January 2017; four in coal, three in MNM
- Since 2008, 19 fatalities and more than 40 permanent injuries
- Guarding, lock-out tag-out, properly using crossovers - all essential for safety



Seat Belt Safety

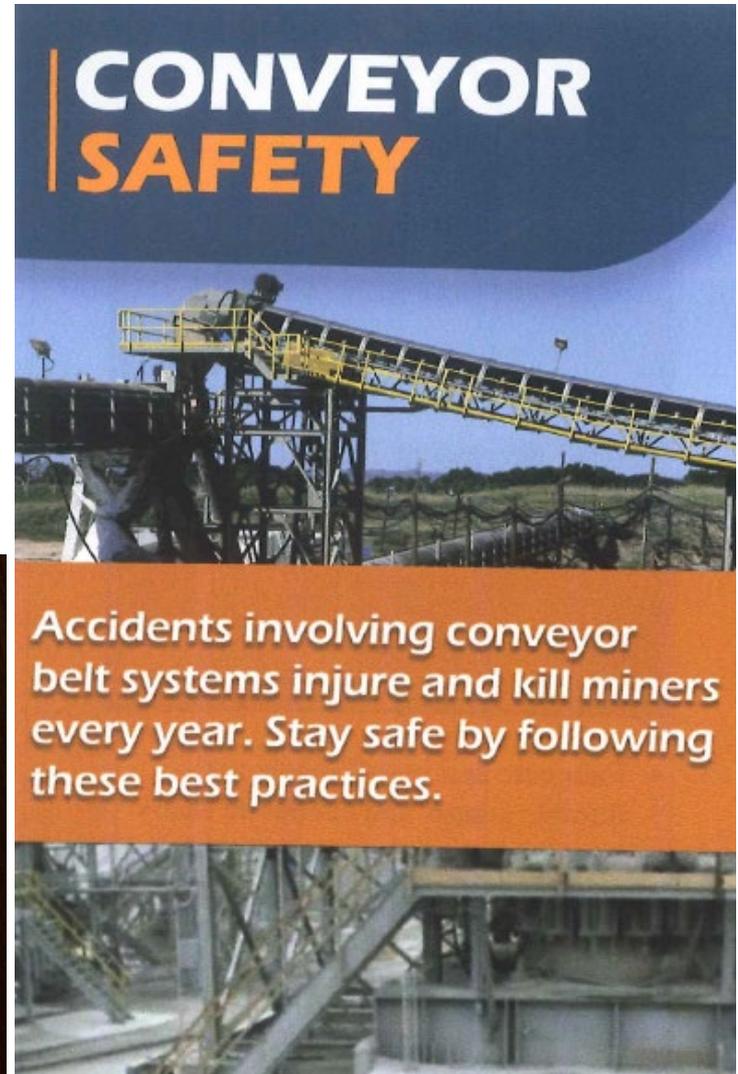
- Three fatalities in 2017 and 2018, and 38 fatalities since 2007, involved miners not wearing seat belts
- 6000+ MSHA citations issued for failure to wear seatbelts since 2007 (most in MNM mines)
- Maintain seatbelts and wear them!



Powered Haulage Safety Outreach

MSHA is distributing stickers, brochures and more to spread the word

www.msha.gov/msha-training-videos



One MSHA Initiative

- Blurring the distinction between Coal and Metal/Nonmetal enforcement for more efficient use of resources
- Cross training inspectors and updating systems to accommodate change where it makes sense
- Inspector expertise still required for certain mines
- Moving to Phase 2 with an additional 117 mines



Scofflaw Initiative

- Small share of operators are chronically delinquent and have poor safety records; worst violators selected each month
- Payment plans proposed/established or operator paid in full with total commitment of almost \$6 million
- 24 mines paid in full for \$1.7 million
- 43 104(a) citations issued; 21 104(b) orders issued, but none currently active



In Summary: MSHA Today & Tomorrow

- Increased Health Focus
- Contractor Fatalities: 9 of 16 in 2019
- Regulatory Review
 - Respirable Crystalline Silica (Quartz)
 - Improving Control of Diesel Exhaust
 - Powered Haulage Safety Programs
- Encourage Safety Technology Innovation
- Litigation and Workplace Exams



Questions?

