



2018 SME Annual Conference  
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# **MSHA: 2017 in Review and a Look Ahead**

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# The MSHA Mission

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



# A Shared Objective

Safety is:

- Efficiency
- Profitability
- The right thing to do

President Trump and Secretary of Labor Acosta are committed to mine safety and health. Let's work together to reach the next level.



# MSHA's Tools

- Fair and Consistent Enforcement - mandated inspections (2s and 4s) are core responsibility
- Education and Training
- Compliance and Technical Assistance
- Technological Innovation – working with operators and manufacturers



# MSHA Highlights for 2017 (Coal & MNM Combined)

	<b>NATION</b>
<b>No. of Mines Reporting Employment</b>	13,003
<b>Employment<sup>#</sup></b>	319,548
<b>MSHA Inspections Completed<sup>*</sup></b>	39,803
<b>Citations &amp; Orders Issued</b>	105,091
<b>\$ Assessed (Millions)<sup>^</sup></b>	\$56.7

<sup>#</sup>Includes both operators & contractors

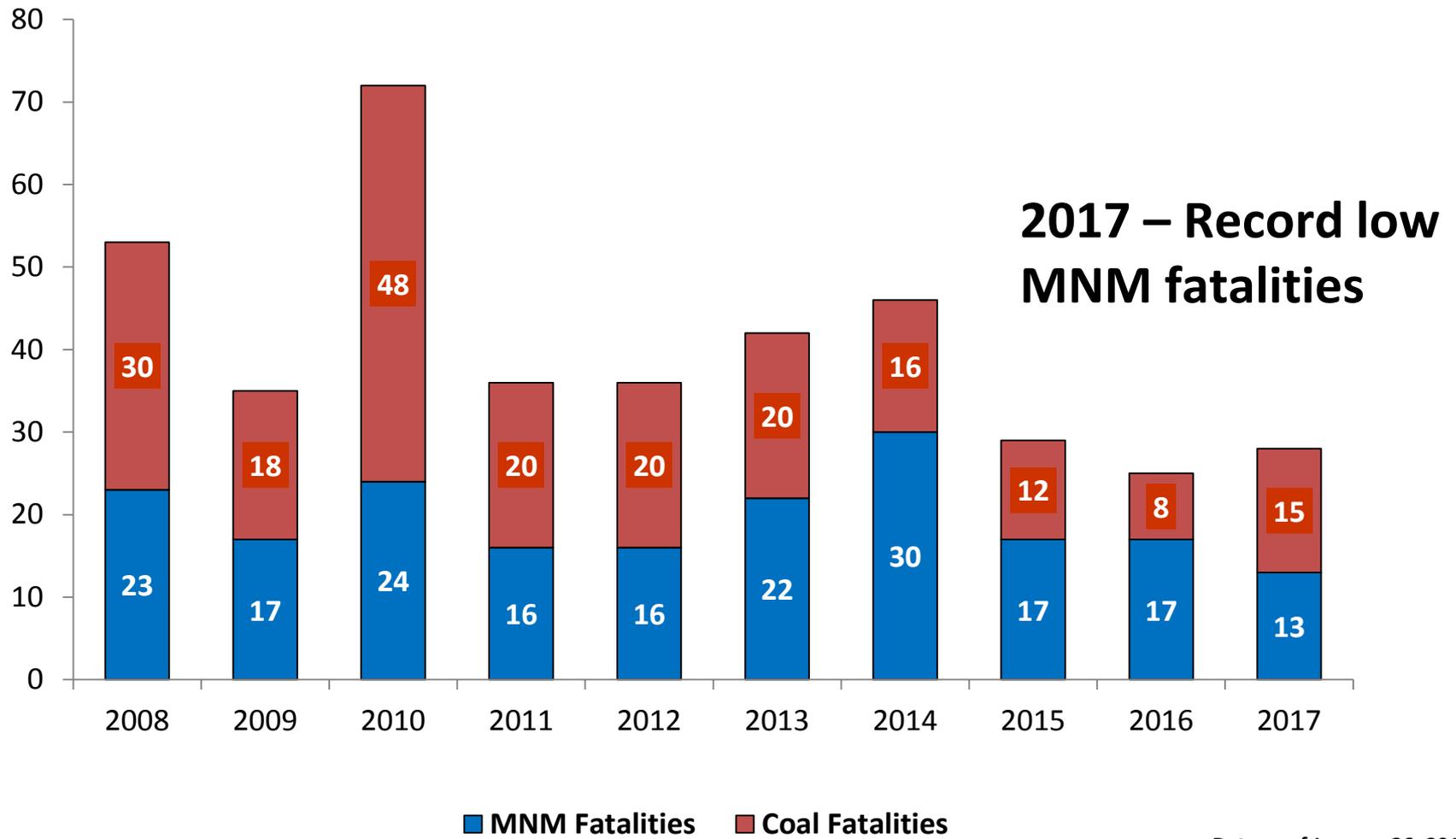
<sup>\*</sup>Excludes compliance assistance activities.

<sup>^</sup>Proposed penalty amount, In millions, of non-vacated violations assessed in 2017.

Data as of January 26, 2018.



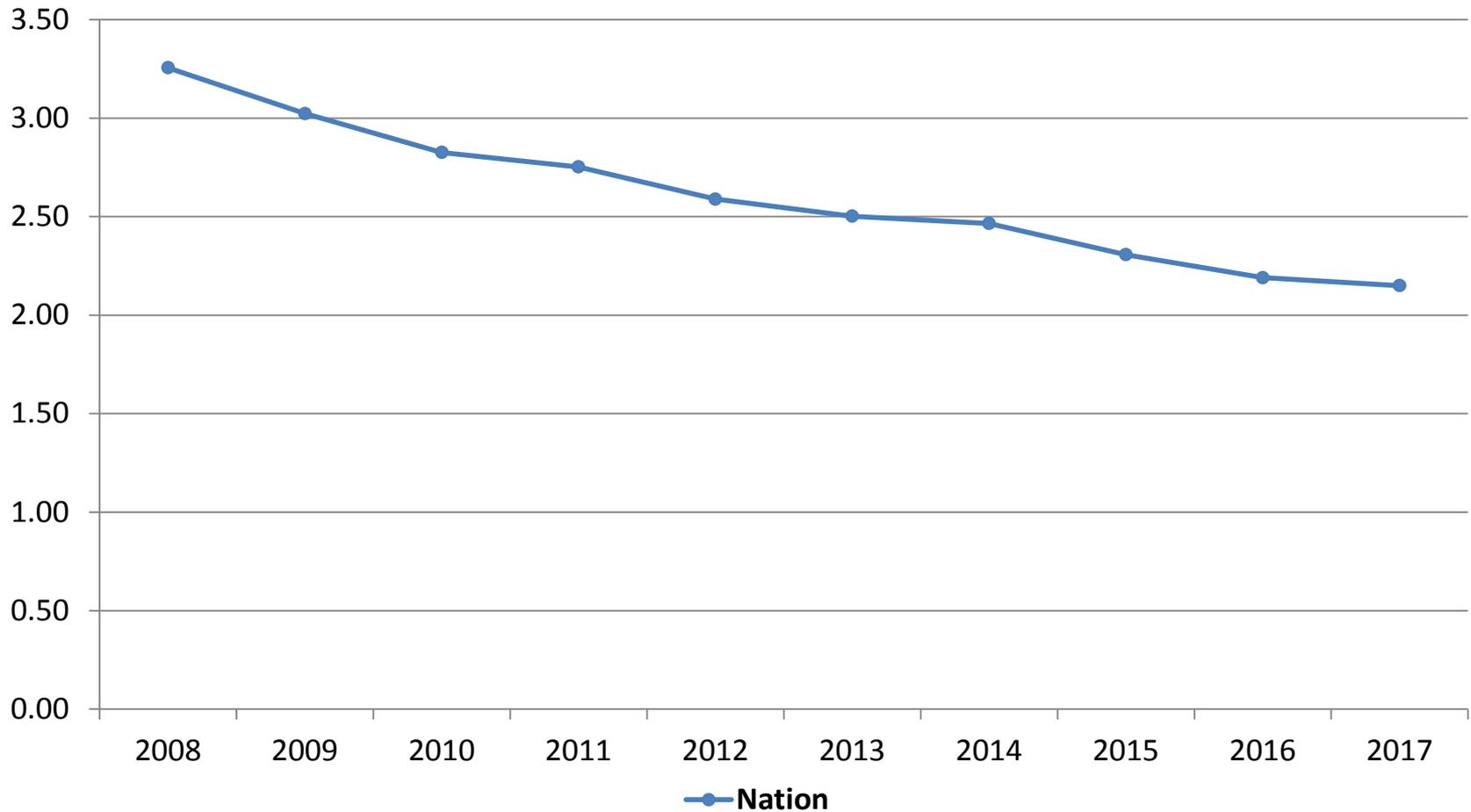
# U.S. MINING FATALITIES COAL and METAL/NONMETAL 2008-2017



Data as of January 26, 2018.



# ALL MINING REPORTABLE INJURY RATES 2008-2017



\*The all injury rate represents the number of reportable injuries per 200,000 exposure hours.

NOTE: State employment data reflects operator employment only (contractors do not report employment by state). Therefore, state data only includes operators, while National data includes both operators and contractors.

Data as of January 26, 2018.



# Powered Haulage Safety

**2017 Nationwide: 4 fatalities from large vehicles hitting smaller vehicles**

**Since 2003: 23 such fatalities – Unacceptable!**

Proximity Detection for surface mines



# Seat Belt Safety

2017 Nationwide: 3 fatality victims not wearing seatbelts



# Fatalities in which victims were not wearing seat belts

Year	Coal	MNM	Total
2007	0	3	3
2008	3	1	4
2009	4	1	5
2010	2	0	2
2011	1	0	1
2012	1	1	2
2013	1	4	5
2014	2	4	6
2015	1	1	2
2016	0	2	2
2017	2	1	3
<b>Total</b>	<b>17</b>	<b>18</b>	<b>35</b>

← Unacceptable!

# Rulemaking Update

- Workplace exams for Metal and Nonmetal
- Diesel exhaust
- POV
- Proximity detection rule in full effect March 16
- Retrospective review of dust rule
- Silica and dust standards



# Compliance Assistance Program

- CAP is a voluntary program
- Will continue as long as operators want it and MSHA has available resources
- We are considering improvements



# Compliance in Penalties and Fines

- 75%-85% of penalties are paid
- Small share of operators are chronically delinquent w/ poor safety records
- More aggressive posture may be necessary

1-30 days	\$1,449,304.16
31-60 days	\$1,046,778.60
61-90 days	\$633,664.96
91-120 days	\$503,630.73
121-150 days	\$414,156.57
151-180 days	\$754,144.23
181-365 days	\$3,334,188.90
1-2 years	\$5,228,876.57
<b>2-yr Subtotal</b>	<b>\$13,364,744.72</b>
2-6 years	\$23,162,390.58
6-10 years	\$23,196,871.40
10+ years	\$7,438,968.92
<b>Grand Total</b>	<b>\$67,162,975.62</b>





# Questions?

*"Daddy  
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