



45th Annual West Virginia Mining Symposium
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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)

	WV	NATION
No. of Mines Reporting Employment	300	13,003
Employment[#]	14,967	222,328
MSHA Inspections Completed[*]	4,299	39,796
Citations & Orders Issued	18,870	105,163
\$ Assessed (Millions)[^]	\$12.1	\$56.7

[#]State employment data reflects operator employment only (contractors do not report employment by state). Therefore, data presented here is does not include contractor employment.

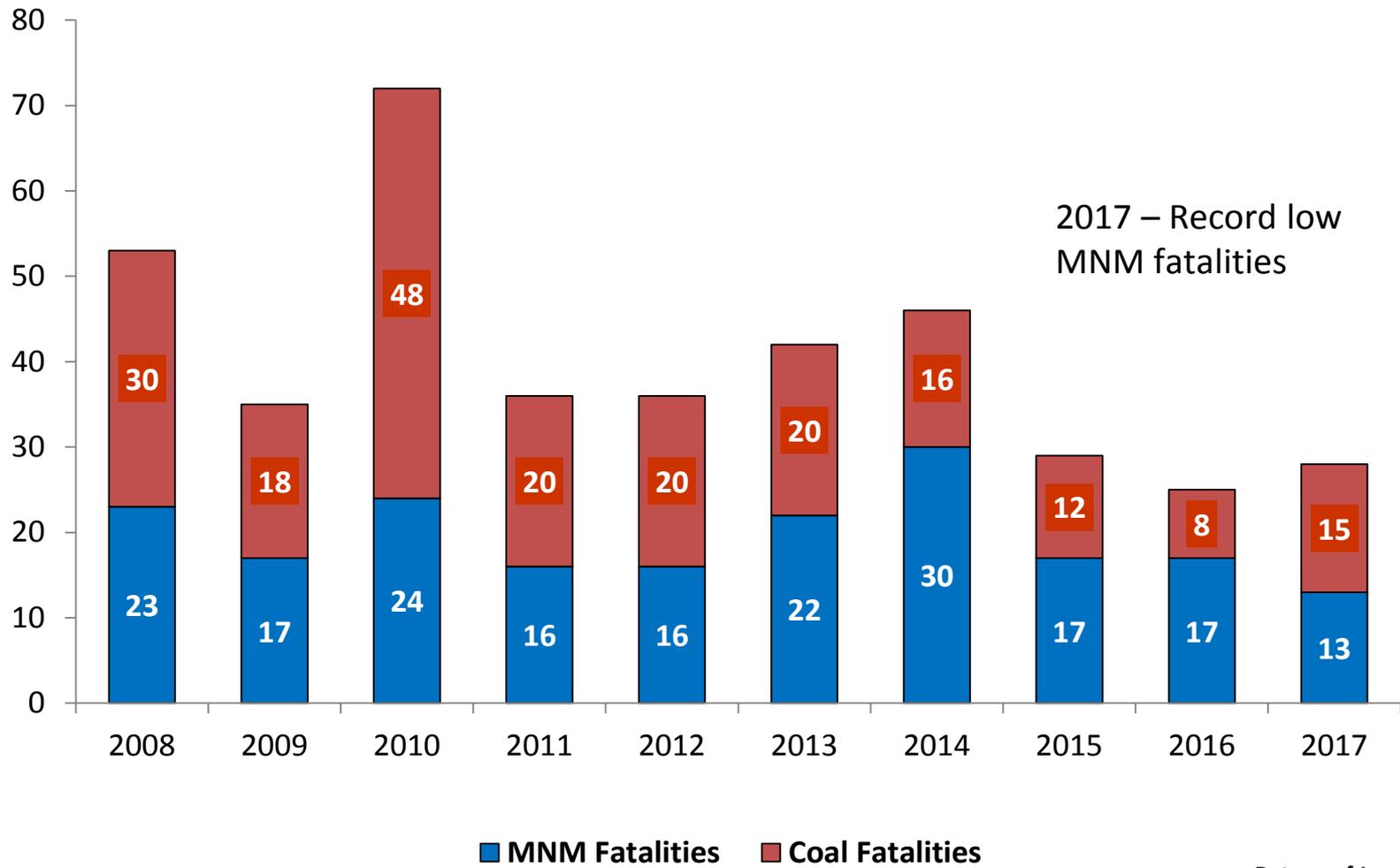
^{*}Excludes compliance assistance activities.

[^]Proposed penalty amount, In millions, of non-vacated violations assessed in 2017.

Data as of January 26, 2018.



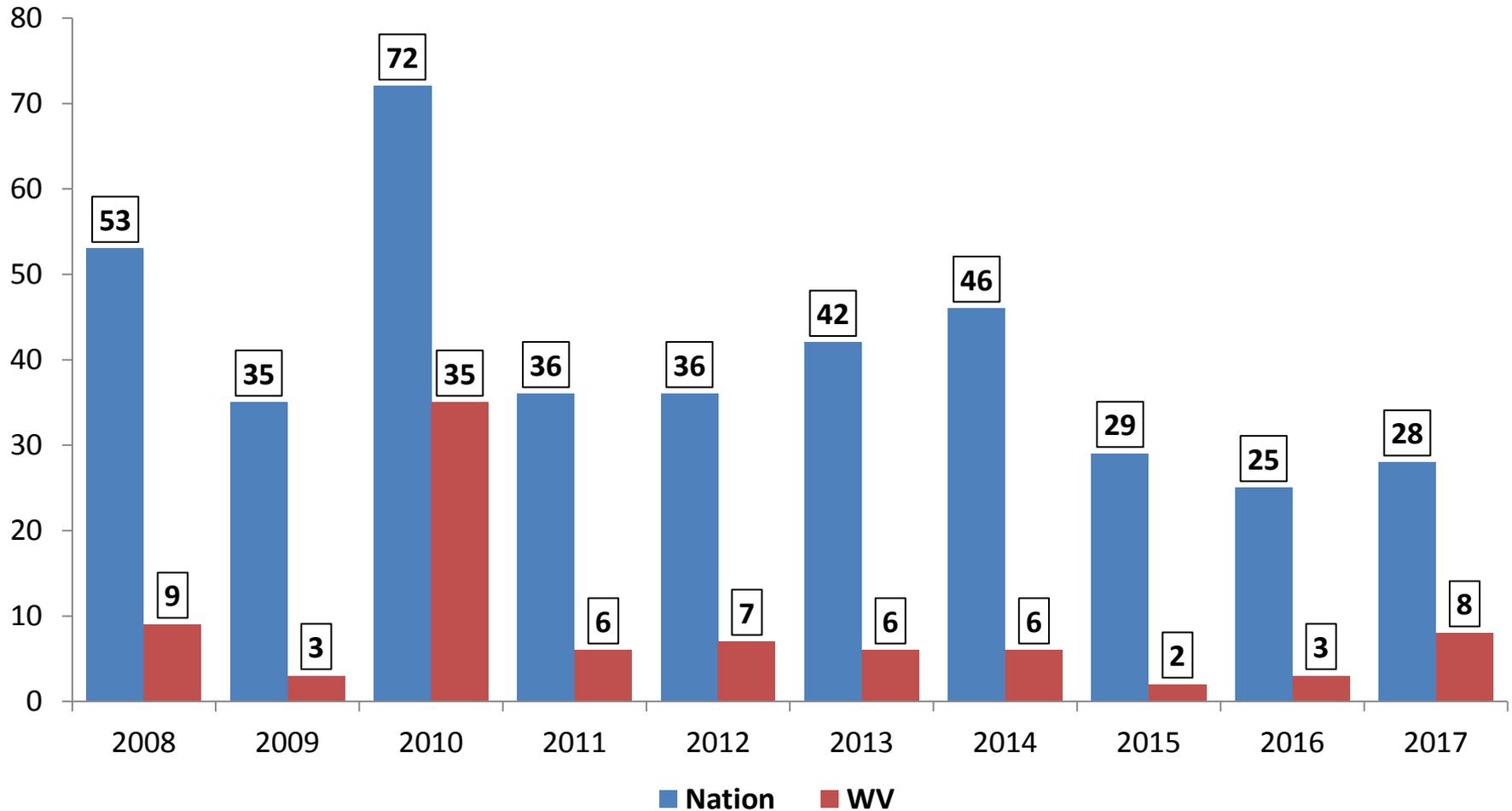
U.S. MINING FATALITIES COAL and METAL/NONMETAL 2008-2017



Data as of January 26, 2018.



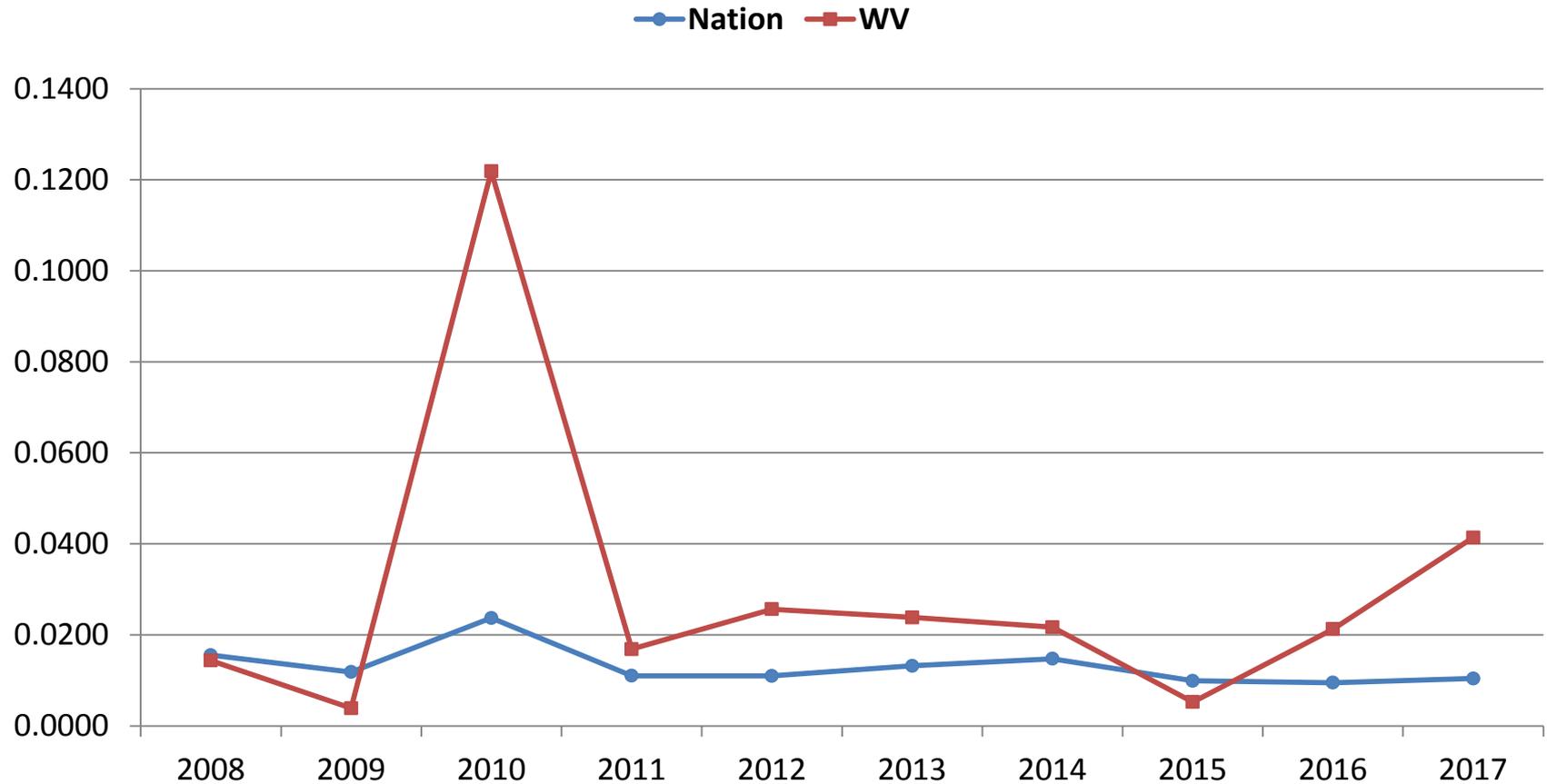
ALL MINING FATALITIES NATION vs. WV 2008-2017



Data as of January 23, 2018.



ALL MINING FATAL INJURY RATES* 2008-2017



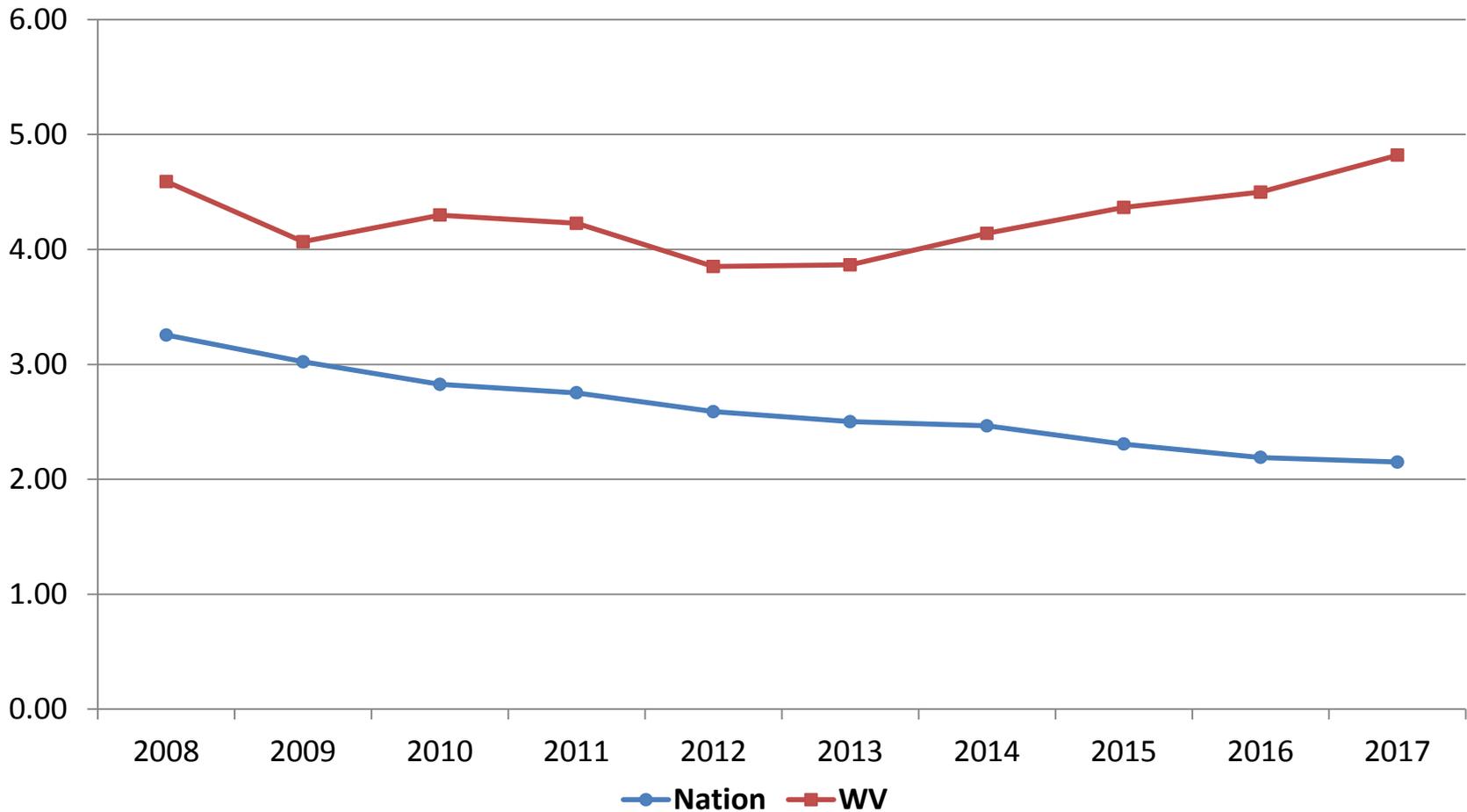
*The fatal injury rate represents the number of fatalities per 200,000 exposure hours.

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.



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.

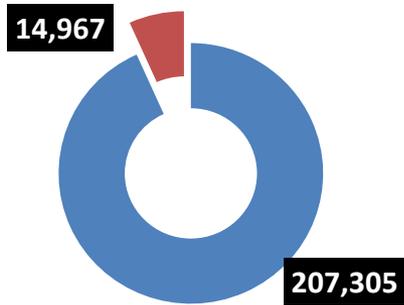
Data as of January 26, 2018.



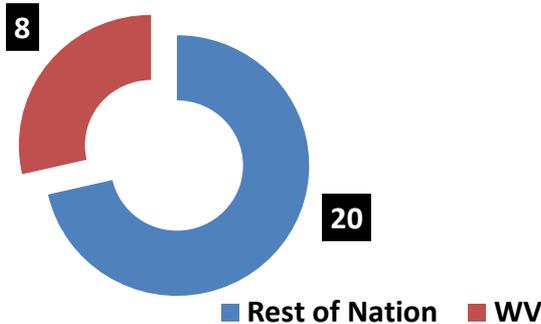
2017: Mining Fatalities, West Virginia and the Nation

All Mine Types

7% of nation's miners

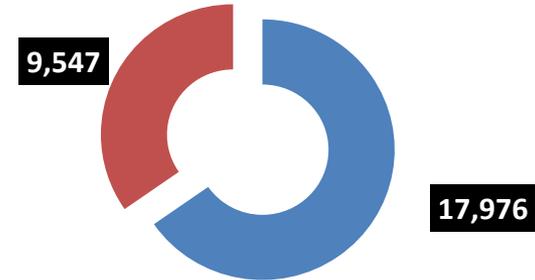


29% of mining fatalities*

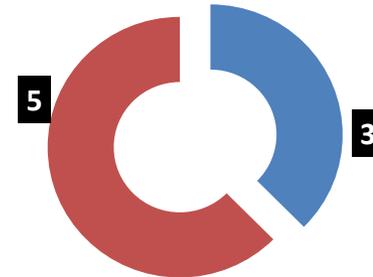


Underground Coal Only

35% of nation's u/g coal miners



63% of u/g coal fatalities*



##State employment data reflects operator employment only (contractors do not report employment by state). Therefore, data presented here is does not include contractor employment.

*Includes operator and contractor fatalities

Data as of January 24, 2018.



2017 West Virginia Mining Deaths

All 8 fatalities were at coal mines

- 4 powered haulage (3 underground, 1 surface)
- 2 machinery (1 underground, 1 surface)
- 1 slip or fall of person (surface)
- 1 fall of roof (underground)



Powered Haulage Safety

2017 Nationwide: 4 fatalities from
large vehicles hitting smaller vehicles



Seat Belt Safety

2017 Nationwide: 2 fatality
victims not wearing seatbelts



Rulemaking Update

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



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
- More aggressive posture may be necessary

Delinquent Debt by Age Category

Age Category	Delinquent Amount
1-30 Days	\$1,243,863.00
31-60 Days	\$1,068,129.00
61-90 Days	\$519,615.00
91-120 Days	\$239,700.00
121-150 Days	\$822,611.00
151-180 Days	\$720,329.00
181-365 Days	\$3,806,175.00
1-2 Years	\$10,991,150.00
2-6 Years	\$25,539,813.00
6-10 Years	\$17,061,232.00
> 10 Years	\$5,626,815.00
Total	\$67,639,432.00





Questions?

*"Daddy
© Way*

