



# **Quarterly Stakeholder Call**

## **June 30, 2020**

**U.S. Department of Labor**  
**Mine Safety & Health Administration**



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**@MSHA\_DOL**

# Agenda

2:00 – Welcome and Introduction

2:05 – Opening Remarks

2:15 – Review of 2020 Fatalities

2:25 – Slip/Fall statistics/prevention

2:30 – Enforcement

2:35 – Educational Policy and Development

2:45 – Web site/MDRS update

2:50 – COVID-19 DOL/MSHA Update

2:55 – Questions

Closing Remarks



# Opening Remarks

David G. Zatezalo

Assistant Secretary for Mine Safety & Health



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# Review of Fatalities



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# Fatal Accident Statistics

9 Fatal Accidents

## Accident Classifications:

Fall of Person - 3 (33%)

Powered Haulage - 2

Machinery - 2

Handling of Material - 2

## State:

Arizona - 2

1 fatality in:

CA, WV, IA, OH, LA, PA, and MI

## Commodity:

Sand and Gravel - 5 (56%)

Coal - 2

Limestone - 1

Cement - 1

## Type of Mine:

Surface - 7 (78%)

Underground - 1

Surface of Underground - 1

## Mine Experience:

1 Year or less - 5 (56%)

2 Years or less – 7 (78%)

## Activity Experience:

1 Year or less - 3 (33%)

2 Years or less – 7 (78%)

Less than 20 employees – 7 (78%)

# Mine Fatality #7 - 2020

On May 2, 2020, a miner entered a sand and gravel bin through a lower access hatch to clear an obstruction. The miner was clearing the blockage with a bar when the material inside the bin fell and engulfed him.



# Mine Fatality #8 - 2020

On June 1, 2020, a contract truck driver died after falling from the top of his trailer. The victim received first aid/CPR at the scene and passed away after being transported to a local hospital.



# Mine Fatality #9 - 2020

On June 13, 2020, the victim was operating a dragline to remove material from a pond. The dragline was found submerged in 25 feet of water. After two days, the dragline was extricated from the pond and the victim was located.



# Fatality at NEPCO

On June 11, 2020, an accident occurred at NEPCO when a portion of the conveyor beltline, that was being dismantled, collapsed. Two workers were in the process of disconnecting the feed belt from a silo when the final section of the belt, which was connected to a silo, collapsed. The two workers were harnessed to the section of the belt that fell approximately 100 feet to the ground. One of the workers was fatally injured and the other was critically injured. After legal review, it was determined that this site was under OSHA jurisdiction.



# Review of Slip & Fall Statistics & Prevention

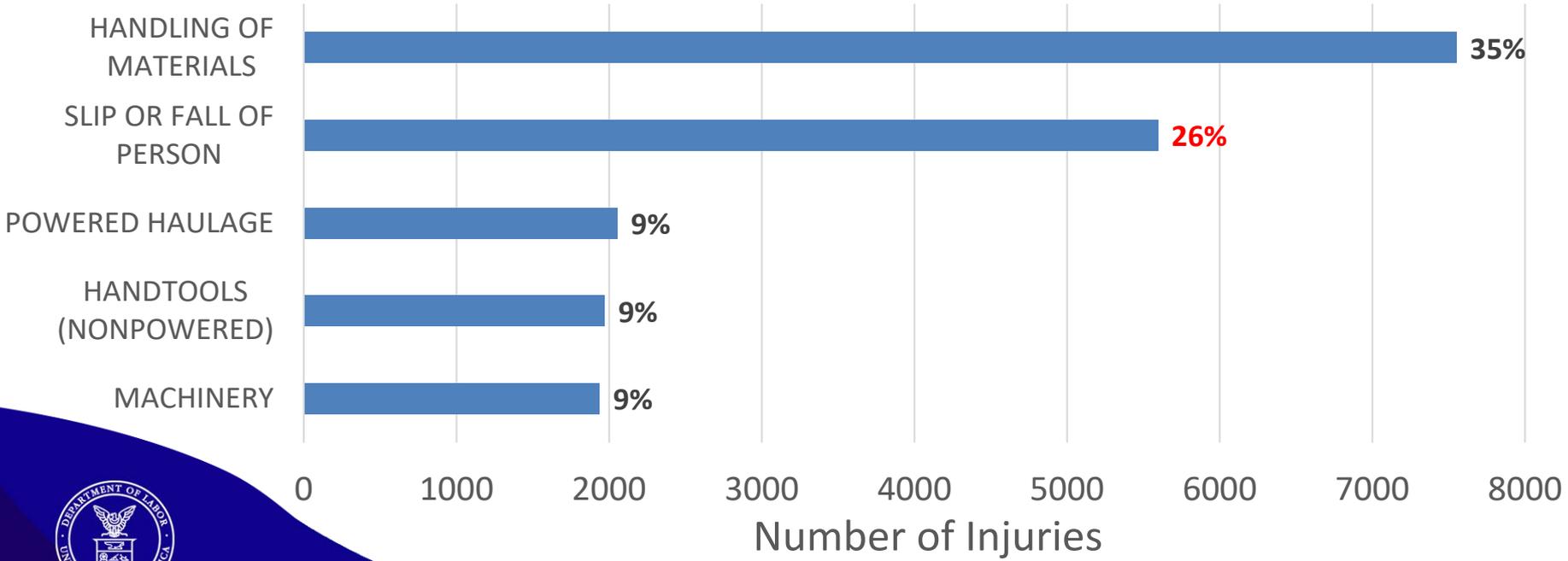


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# Nonfatal Days Lost (NFDL) Injuries by Classification

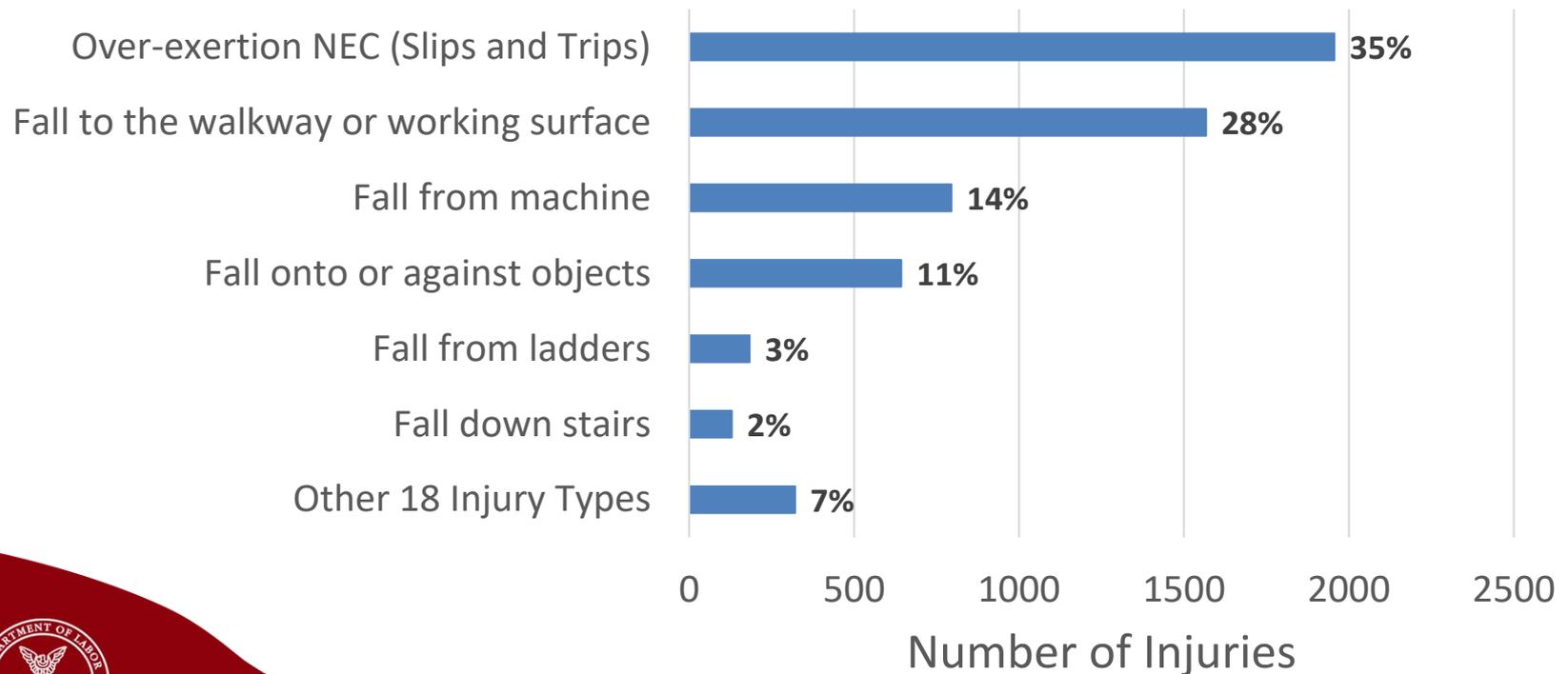
2015 – Present

## Top Five Classifications



# Slip or Fall NFDL Injuries by Type

2015 – Present



NEC = Not Elsewhere Classified

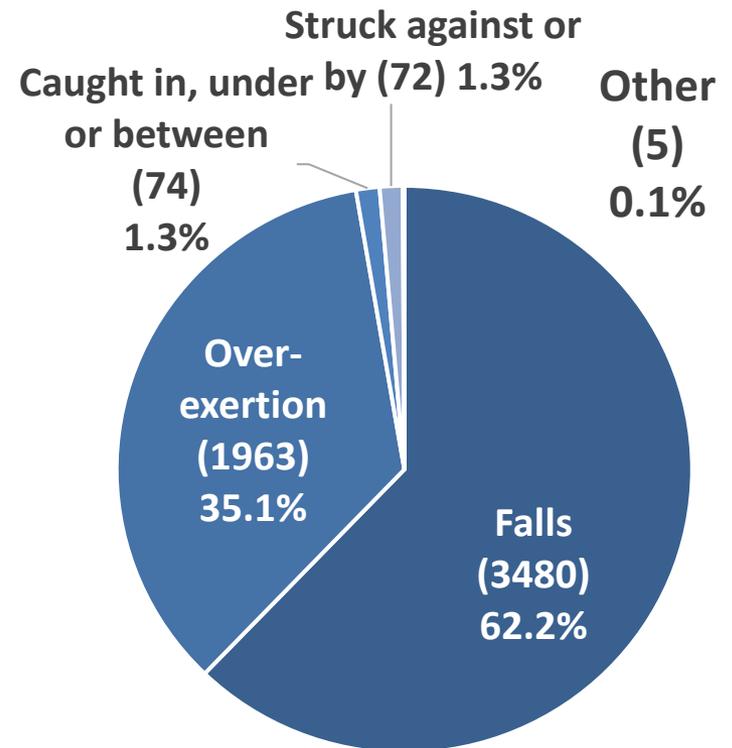


# Slip or Fall NFDL Injuries by Type

2015 – Present

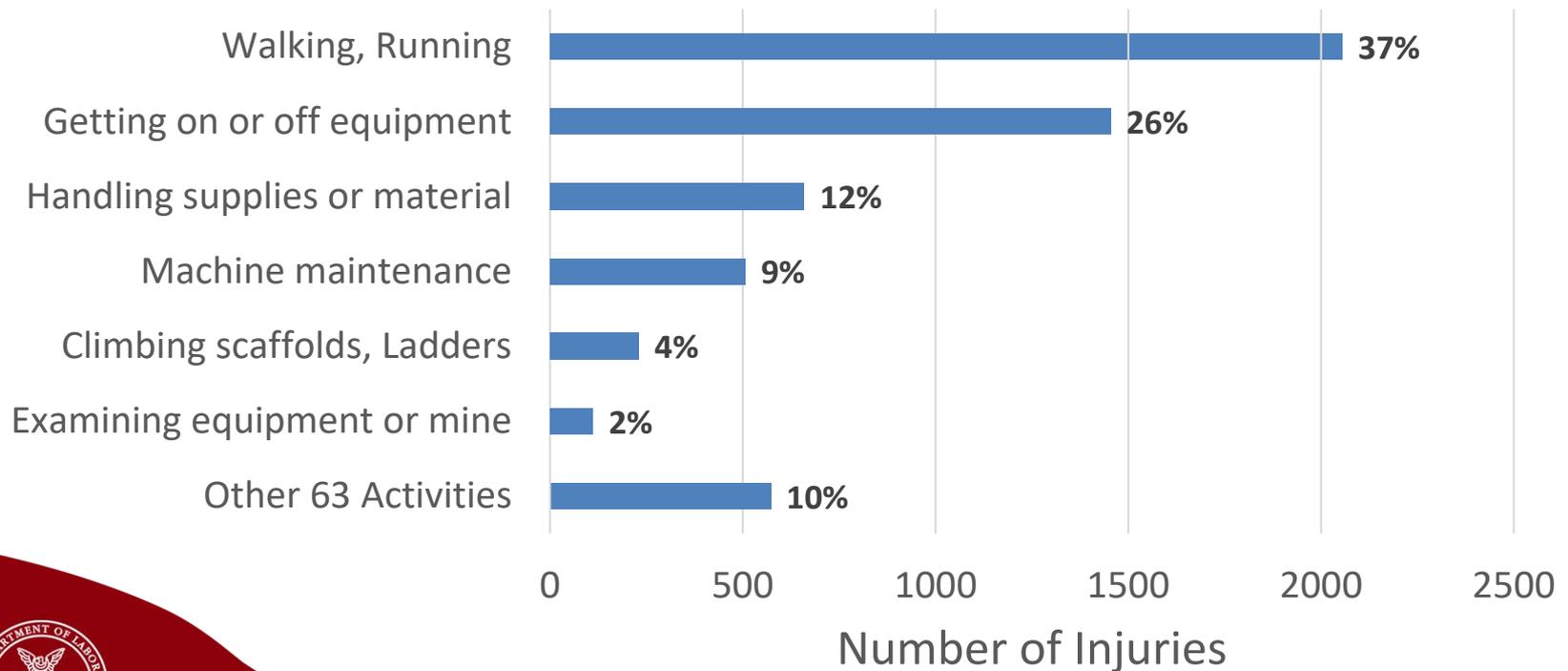
Falling from elevation makes up over 62% of these injuries. Elevated work areas can include

1. Bins and hoppers.
2. Stairs and ladders.
3. Scaffolds, walkways, platforms, and machinery.



# Slip or Fall NFDL Injuries by Activity

2015 – Present



# Slip or Fall Fatalities by Year

2015 – Present

Year	Slip or Fall of Person Fatalities	Total Fatalities	Percentage of Total Fatalities
2015	2	29	6.9%
2016	2	25	8.0%
2017	1	28	3.6%
2018	0	29	0.0%
2019	4	28	14.3%
2020 (YTD)	3	9	33.3%

# Slip or Fall Fatalities

The causes of these 12 fatalities can be categorized into 4 groups:

1. Ingress and egress from mobile equipment
2. Tying off when working from elevated surfaces
3. Safe access on platforms and around shafts
4. Falling from truck trailers



# Fall Prevention: Ingress and Egress

1. Always use the "Three Points of Contact" method. Use either two hands and one foot, or one hand and two feet when getting on and off equipment.
2. Always face equipment when mounting or dismounting it.
3. Keep hands free of any objects. Use hoisting materials to transport tools and other objects that may keep hands from using three points of contact.
4. Maintain traction by ensuring hands and footwear are free of potential hazards such as dirt, oil, and grease. Slip resistant material can be coated to existing foot holds and handrails.
5. Ensure steps and handrails are properly secured and free of defects and debris.



# Fall Prevention: Tying Off

1. Provide appropriate fall protection devices such as lanyards and harnesses.
2. Train miners to recognize fall hazards and properly use fall protection devices.
3. Examine fall protection equipment for defects or degradation before use.
4. Always stay connected/tie off. Always attach the lanyard of the approved fall protection device to the designated attachment point.
5. When working in bins, silos, hoppers, and tanks ensure persons are properly tied-off, with one line tender per person.



# Fall Prevention: Safe Access

1. Have properly designed gates, safety chains, handrails, guards, and ensure covers are securely in place at openings through which persons may fall.
2. Examine work areas for all potential hazards including places that persons may fall from or through. Report hazards that you cannot immediately correct to management
3. Ensure that areas are barricaded or have warning signs posted at all approaches if hazards exist that are not immediately obvious.
4. Reinstall access covers after traveling or bringing items through an opening.



# Fall Prevention: Truck Trailers

1. Train everyone to recognize fall hazards and ensure that safe work procedures are discussed and established.
2. Include safe truck tarping requirements in site-specific hazard training.
3. Provide truck tarping safe access facilities where needed.
4. Provide an effective fall arrest secure anchorage system. Ensure that people wear and attach fall protection connecting devices where there is a danger of falling.
5. Use automatic tarp deploying systems to prevent people from working from heights.



# Mine Operator Responsibilities

1. Provide safe access for elevated work areas.
2. Provide fall protection equipment.
3. Implement fall prevention measures.
4. Train miners to
  - A. Recognize fall hazards.
  - B. Evaluate the risks associated with each hazard.
  - C. Control fall hazards through preventative or protective measures.



# Review of Enforcement



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# Safety Alert

## Recent Increase in Fall of Person Accidents

28 miners have died after falling from heights over the last 10 years.

Deaths from falls have increased from 8% to 19% of mining fatalities in the last two years.

- Working without fall protection on top of trucks, in aerial lift baskets, and while accessing and egressing other mobile equipment
- While performing maintenance on crushers, screens, conveyors, and other milling equipment

MSHA issued 92 imminent danger orders for people working at heights without fall protection between January 2019 and June 2020. The most common violations were truck drivers climbing atop their vehicles, and maintenance and quarry personnel climbing to or working without fall protection in high places. Supervisors have been ordered down from dangerous locations.



# Review of Educational Policy and Development



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# Resource Links for Mine Operators Contractors Trainers



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**Training & Education**

Training Programs and Courses

**Safety and Health Materials**

Industry and MSHA Partnership Safety Material

Safety Topic: Conveyor Belts

Safety Topic: Impoundments and Dams

Safety Topic: Mobile Equipment at Surface Mines

Safety Topic: Seat Belt Usage

Developing a Training Plan

Mine Rescue Training

Instructor Materials

Quarterly Training Calls and Stakeholder Meetings



# Safety & Health Materials

MSHA offers a wide variety of mine safety and health materials to assist trainers and mine operators in promoting a safe and healthy environment at U.S. mines. We are always looking for new materials to share with the mining community. Please contact us at [mshatraining@dol.gov](mailto:mshatraining@dol.gov) if you have any materials to share, or if you have any questions or suggestions regarding the safety and health materials on our website.

## Small Mine Guide

A compliance assistance tool for small mine operators covering health and safety programs, training plan development, reporting practices, and more.

## Searchable Database

Find safety and health manuals, hazard alerts, presentations and compliance guides organized by mine type and hazard

## Training Videos

A collection of videos covering health, safety and other mining-related topics

## ToolBox Talks

A series of discussion topics that can be used by small mine operators and others to hold safety and health discussions for their employees at their mining operations

## Fatality Reports

Mining fatality summaries with associated best practices to help prevent similar incidents

## Task Training

Concise guidelines for effective task training

## Health and Safety Alerts

Information on current and previous health, safety and equipment hazard alerts

## MSHA Handbook Series

A variety of handbooks describing inspection procedures, education & training procedures and technical support procedures

## NIOSH Training Page

Education and training resources from the National Institute for Occupational Safety and Health

## Industry Shared Safety Material

This section contains material submitted to MSHA by the mining industry that has shown to be effective in reducing accidents and injuries. Please feel free to use any of this material to help prevent accidents and injuries at your mine or facility site.

## Industry and MSHA Partnership Safety Material

This section contains material produced as a result of a partnership between MSHA and the mining industry. These partnerships are part of MSHA's on-going outreach efforts to provide compliance assistance to mining operations.

## Instructor Materials

Instructor materials and reference guides for MSHA approved instructors and competent persons.

### QUICK LINKS

[Subscribe to get training updates and alerts](#)

### RELATED LINKS

[Educational Field and Small Mine Services](#)

[National Mine Health and Safety Academy](#)

[Mine Safety and Health Enforcement](#)

<https://www.msha.gov/training-education/safety-health-materials>

# MSHA Fatal Alerts

Fall from top of truck trailer

<https://www.msha.gov/data-reports/fatality-reports/2020/june-1-2020-fatality/fatality-alert>

Fall from top of bulk trailer

<https://www.msha.gov/data-reports/fatality-reports/2020/january-23-2020-fatality/fatality-alert>

Fall into portable load out bin

<https://www.msha.gov/data-reports/fatality-reports/2020/january-8-2020-fatality/fatality-alert>

Fall 40 feet down a shaft

<https://www.msha.gov/data-reports/fatality-reports/2019/august-20-2019-fatality/fatality-alert>

Ejected from a man-lift basket

<https://www.msha.gov/data-reports/fatality-reports/2019/may-18-2019/fatality-alert>

Fall 12 feet because lost balance

<https://www.msha.gov/data-reports/fatality-reports/2019/march-7-2019-fatality/fatality-alert>

Fall 19 feet through a 27 inch opening

<https://www.msha.gov/data-reports/fatality-reports/2017/fatality-3-february-27-2017/fatality-alert>

# MSHA Serious Accident Alerts

Current Fall Protection Safety Alert

<https://www.msha.gov/fall-protection-june-2020-safety-alert>

Fall 20 feet during installation of building roof

<https://www.msha.gov/mnm-serious-accident-alert-surface-gold>

Fall 10 feet from cone crusher

<https://www.msha.gov/mnm-serious-accident-alert-surface-portable-screen>

Fall 15 feet from mine basket/electric shovel

<https://www.msha.gov/mnm-serious-accident-alert-surface-shovel>

Fall 7.5 feet from jaw crusher platform

<https://www.msha.gov/mnm-serious-accident-alert-surface-maintenance-0>

Fall 12 feet down a step ladder

<https://www.msha.gov/mnm-serious-accident-alert-surface-ladder>

Fall from a conveyor galley

<https://www.msha.gov/mnm-serious-accident-alert-plant-fall-protection-0>

Lost footing and fell

<https://www.msha.gov/mnm-serious-accident-alert-plant-fall-protection-1>

# Training Videos

MSHA Shared Industry Training Material/Slipping and Tripping  
Ohio Aggregate and Industrial Mineral Association (Video)

<https://www.youtube.com/watch?v=07x5uklonQs&feature=youtu.be>

MSHA Training Video - Fall Protection

<https://www.msha.gov/msha-training-videos>

Personal Fall Arrest Equipment Task Training Guide for MNM

<https://arlweb.msha.gov/training/docs/safe-steps-fall-arrest-task-training-outline.pdf>

Ladder Safety Guide

<https://www.msha.gov/ladder-safety-standards>



# FALLS IN THE WORKPLACE

[Download \(Spanish\)](#)



Falls are a hazard found in many work settings. A fall can occur during walking or climbing a ladder to change a light fixture, or as a result of a complex series of events affecting an ironworker 80 feet above the ground.

**Spotlights**

**NEW Mast Climbing Work Platform Inspection Tool**

This [new online tool](#) provides users the opportunity to see a typical mast climber installation and inspect it for safety. Using this tool can help build familiarity with the equipment.



## Fast Facts

- Job Hazards +
- How big of an issue are falls in the workplace? +
- What can be done to prevent work-related falls? +

**NIOSH Ladder Safety App**

Now featuring **step ladders!**

Climbing for work? Get user-friendly guides and tools for extension and step ladder selection and safe use.

Available in English and Spanish (adaptive to which language is set on your device).



**Mast Climber Stability Research**



[Low Resolution Video](#)

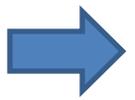
## Planning and Guidance of Fall-Related Research at NIOSH

NIOSH fall-injury prevention research strategic planning and goal setting takes into consideration the magnitude or emergence of the problem as evidenced by data, immediacy of need expressed by stakeholders, resources and expertise in the goal area, current research, strength of partnerships in current research, and status and momentum on the course of research-to-practice. The strategic planning process is enhanced with input from the National Academy of Sciences program review.

Program contact: Hongwei Hsiao, Ph.D.  
Protective Technology Branch  
(304) 285-5910; [hhsiao@cdc.gov](mailto:hhsiao@cdc.gov)

# NIOSH FALLS IN THE WORKPLACE

<https://www.cdc.gov/niosh/topics/falls/default.html>



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# FALLS IN THE WORKPLACE

## Aerial Lifts

Aerial lifts are powered and mobile platforms that are used for elevating workers to various heights, which exposes workers to fall hazards.

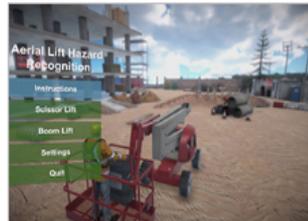
Training is necessary for anyone using aerial work platforms and equipment. In an effort to create awareness about common workplace hazards when using aerial lifts, NIOSH has developed educational tools and products. Employers, trainers, safety and health professionals, and aerial lift operators can use the following information to prevent work-related falls.



**Note:** NIOSH uses the term 'aerial lifts' as an overarching term to capture multiple types of lifts, such as scissor lifts and boom lifts. It is important to note that both OSHA and ANSI standards vary for different types of lifts.

### Spotlight

#### NIOSH Aerial Lift Hazard Recognition Simulator



This free simulator provides realistic workplaces with multiple dangerous hazard types that scissor and boom lift operators can navigate from the safety of a computer. Experienced operators can use the simulator to refresh their knowledge, and new operators can familiarize themselves with hazards they may encounter on the job. Using the simulator is not a substitute for required training to operate aerial and boom lifts.

Use the [NIOSH Aerial Lift Hazard Recognition Simulator](#) today! See 'Tools' below for instructions to launch the Simulator from your computer.

Fast Facts	+
Questions & Answers	+
Standards	+
Tools & Products	+
Other Resources	+
Acknowledgements	+

## SERVICES, TRAINING, AND SUPPORT PROGRAMS FOR MSHA DISTRICTS

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- Training Program Reviews
- Regulatory Assistance:
  - ❖ Mine Operators
  - ❖ Independent Contractors
- Training Record Reviews
- Instructor Development and Evaluations
- Part 46 Training Plan Reviews
- Part 48 Training Plan and Instructor Reviews for Approval
- Development and Improvement of Training Materials
- Training Plan Development
- Part 50 Training/Audits
- Instructor Classes and Workshops
  - “The following programs are designed to strengthen and modernize the skills of the mining industry’s trainers, instructors, and competent persons to ensure quality and effective training.”
  - ❖ Train the Trainer (T3)  
Part 48 Three Day Instructor Workshop
  - ❖ Train the Trainer for Competent Persons (T3CP)  
Part 46 One or Three day Competent Person Workshops
  - ❖ Retrain the Trainer (RT3)
- Accident Investigations
  - ❖ Part 46/48 Reviews
- Supervisory Responsibility Training
- Professional Miner Recognition Program
- Qualification and Certification Classes
  - ❖ CPDM/Gravimetric/Maintenance and Calibration
  - ❖ O<sub>2</sub>/CH<sub>4</sub>
  - ❖ Impoundment
- Explosion Gallery
- Workplace Exam Training
- Electrical Trailer Demonstratic
- Hazard Recognition Training
- Mine Emergency Training

# EFSMS Training Class

## “Contractor Responsibilities on Mine Property”



# Educational Field and Small Mine Services

EFSMS Web Page

<https://arlweb.msha.gov/epd/efsms/>

MSHA Training Questions Email Site

[mshatraining@dol.gov](mailto:mshatraining@dol.gov)

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Syed Hafeez

Director EPD/PEIR

[Hafeez.syed@dol.gov](mailto:Hafeez.syed@dol.gov)

202-693-9765

Kevin Deel

Manager EFSMS

[Deel.kevin@dol.gov](mailto:Deel.kevin@dol.gov)

202-693-9585



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# Review of MSHA Website & MDRS



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# Updates to MSHA Website

Current DOL OneWeb Initiative will be upgrading the MSHA's web presence.

What this means to you:

- Enhanced interface – easier to find data and materials (in process)
- The Fatality Report search page recently combined Coal and Metal and Non Metal (completed)
- Enhanced mobile experience



# MSHA.gov Home Page (Current)

Mine Safety and Health Administration (MSHA)
Select Language ▾

[ABOUT](#) - [NEWS & MEDIA](#) - [DATA & REPORTS](#) - [REGULATIONS](#) - [COMPLIANCE & ENFORCEMENT](#) - [TRAINING & EDUCATION](#) - [SUPPORT & RESOURCES](#)



[Safety Topic: Mobile Equipment at Surface Mines](#)

#### WHAT'S NEW

- 10 JUN [June 1, 2020 Fatality - Fatality Alert](#)
- 10 JUN [August 27, 2019 Fatality - Final Report](#)
- 12 MAY [May 2, 2020 Fatality - Fatality Alert](#)
- 12 MAY [February 27, 2020 Fatality - Final Report](#)
- 07 MAY [October 18, 2019 Fatality - Final Report](#)

[READ ALL](#)

#### SPOTLIGHT



**MSHA Response to COVID-19**

Information for operators and miners to minimize the spread of Coronavirus/COVID-19.



**UBB 10th Anniversary**

April 5, 2010, 29 miners were killed in the worst mining accident in decades. Ten years later we remember this tragic event and renew our commitment to safe mining practices in American mines



**2020 Mine Rescue Contests**

Mine rescue teams compete in contests across the country to prepare themselves to operate effectively in a mine emergency.



**Safety Training Videos**

MSHA has a library of training videos on safety topics ranging from conveyor safety to fall protection.

#### RESOURCES



**Safety Initiatives**

Powered Haulage Safety Initiative

[View More Initiatives](#)



**Enforcement**

Overview and Contacts

Mine Injury and Worktime Quarterly Statistics

Educational Field and Small Mine Services (EFSMS)



**For Miners**

New Mine/Miner Info

Miners' Rights and Responsibilities

Miners' Representative Guide

Find Information About a Mine



**Mine Data**

Mine Data Retrieval System

MDRS User's Manual

Data Sources

Part 50 Data

Part 50 Reports

MSHA Datasets

#### FATALITY REPORTS



**All Fatality Reports**

Access all Preliminary Accident Reports, Fatality Alerts and Fatal Investigation Reports.

**Mining Fatalities**

- Year to Date: 9

#### MINE DATA SOURCES AND CALCULATORS

- **Compliance Tools**
  - Monthly Monitoring Tool for Pattern of Violations (POV)
  - Significant and Substantial (S&S) Rate Calculator

Report Accidents & Hazardous Conditions

**1-800-746-1553**

#### QUICK LINKS

- Provide or view comments on MSHA regulations to [repeal](#), [replace](#) or [modify](#)
- Have a question? Ask MSHA
- Media Inquiries
- Subscribe to our Email Lists
- Forms & Online Filing
- MSHA Job Opportunities
- Title 30 CFR, Mineral Resources
- Upload/Review/Correct CPDM Sample Files

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Miners with serious underlying medical conditions may be at a higher risk of severe illness if they contract #COVID19. See the latest: [@MSHA\\_DOL@CDCgov](#) guidance: [cdc.gov/coronavirus/20...](#)

Jun 19, 2020



# MSHA.gov Home Page (Future)

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**Mine Safety and Health Administration** Report Emergency

[Safety and Training](#) • [Compliance and Enforcement](#) • [Regulations](#) • [News and Updates](#) • [Data and Reports](#) • [About](#) • [Contact](#)

**Safety Topic: Mobile Equipment at Surface Mines**

Collision Avoidance Systems and Collision Warning Systems. Reducing Surface Mobile Equipment Accidents Through Technology.

[Learn More](#)

### Spotlight



**Safety Training Videos**

MSHA has a library of training videos on safety topics ranging from conveyor safety to fall protection.



**Mine Blasting and Safety Application Seminar at Beckley Academy**

Annual Mine Blasting Safety and Application Seminar returns for 2020



**2020 Mine Rescue Contests**

Mine rescue teams compete in contests across the country to prepare themselves to operate effectively in a mine emergency.



**Provide or view comments on MSHA regulations to repeal, replace or modify**

Read submitted comments or provide new comments under EO 13772, enforcing the regulatory reform agenda.

### Quick Links

<p><a href="#">Fatality Report</a></p> <p><a href="#">MSHA at a Glance</a></p> <p><a href="#">Have a question? Ask MSHA</a></p> <p><a href="#">Media Inquiries</a></p> <p><a href="#">Subscribe to our Email Lists</a></p> <p><a href="#">Forms &amp; Online Filing</a></p>	<p><a href="#">MSHA Job Opportunities</a></p> <p><a href="#">Title 30 CFR, Mineral Resources</a></p> <p><a href="#">Upload/Review/Correct CPDM Sample Files</a></p> <p><a href="#">Mine Data Retrieval System</a></p> <p><a href="#">Data Sources</a></p> <p><a href="#">Compliance Tools</a></p>
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### Resources



**Initiatives**

- New Mine Initiatives
- Miner's Rights and Responsibilities
- Regulatory Tools



**For Miners**

- Overview and Contacts
- District and Field Offices
- Mine Injury and Worktime Quarterly Statistics



**Resources**

- Overview and Contacts
- District and Field Offices
- Mine Injury and Worktime Quarterly Statistics
- MSHA and Nonmetal Resources
- Emergency Preparedness and Small Mine Services

### Report Emergency

To report an accident or a hazardous condition, call 1-800-368-1553.

MSHA's toll-free emergency line is staffed 24 hours a day. Call this number to immediately report a missing accident or a hazardous condition at a mine, an impoundment, or an abandoned mine.

Hazardous conditions may be reported anonymously by calling the above number or online through MSHA's Hazardous Condition Complaint System.

### Whats New

January 14, 2020  
[September 17, 2019 Fatality - Final Report](#)

January 16, 2020  
[November 3, 2019 Fatality - Final Report](#)

January 21, 2020  
[Fatality #17 - June 15, 2018 - Final Report](#)

January 26, 2020  
[Rolling Legacy MMS System](#)

December 17, 2019  
[August 3, 2019 Fatality - Final Report](#)

[Read All](#)

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MSHA\_DOL has published a rule to revise safety standards for use of explosives. The rule updates existing safety provisions involving electronic detonators at metal and non-metal mines. Find out more: <https://www.federalregister.gov/documents/2020/01/14/2020-00466/electronic-detonators>...



# Fatality Report Search Page Change

## February 10, 2020 Fatality

Accident Classification: Powered Haulage

- 📍 Location: Brush Valley, Indiana Pennsylvania
- 👤 Mine Controller: J Clifford Forest III
- Mine Type: Underground
- 🔦 Mined Material: Coal (Bituminous)

[Preliminary Report](#)

[Fatality Alert](#)

[Public Notice](#)

## January 23, 2020 Fatality

Accident Classification: Slip or Fall of Person

- 📍 Location: Tehachapi Plant, Kern, California
- 👤 Mine Controller: Heidelberg Cement AG
- Mine Type: Facility
- 🔦 Mined Material: Cement

[Preliminary Report](#)

[Fatality Alert](#)

[Final Report](#)

[Public Notice](#)



# MDRS

## Tips and Tricks



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# MDRS Landing Page

**STEP 1:** →  
Select type of search

Search Criteria

Mines	Contractors	State / County	Controller	Operator
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Mine ID

**STEP 2:**  
Enter search parameter and when box appears, click on it

Search Criteria

Mines	Contractors	State / County	Controller	Operator
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Mine ID

- 2901857

**STEP 3:**  
Select SUBMIT

Search Criteria

Mines	Contractors	State / County	Controller	Operator
-------	-------------	----------------	------------	----------

Mine ID

Or

Mine Name

# Mine Information Report

[Previous Page](#)[Back to Search](#)

## Mine Information

[Print](#)[Help](#)

Mine Information		Operator History		
Mine ID	: 2901857	<b>Operator</b>	<b>Begin Date</b>	<b>End Date</b>
Mine Name	: Waste Isolation Pilot Plant (Wipp)	U S Department Of Energy	06/01/1981	--Current--
Mine Status	: Active			
Mine Status Date	: 4/7/2014			
Operator	: U S Department Of Energy			
Opr. Begin Date	: 6/1/1981			
Current Controller	: United States Government			
Controller Start Date	: 1/1/1950			
Mined Material	: Salt			
Type of Mine	: Underground			
Location	: Eddy, NEW MEXICO			
Address of Record	: 370 Louis Whitlock Road CARLSBAD NM 88220			

Related Reports Links	Report Description
<a href="#">Overview</a>	Report provides a glimpse of mine specific data on mines throughout the US. The Overview contains information related to accidents, fatalities, work hours and provides incident rates for on a calendar year basis.
<a href="#">Inspections</a>	This report is based on Mine ID and Inspection Begin Date. The report provides inspection specific data to include: Event Numbers, Contractor ID, Date, type and number of violations issued, as well as inspection activity code.
<a href="#">Accidents</a>	Using attributes from the Accidents Table this report provides users with Accident specific information to include: Mine ID, Contractor ID, Date, Worker's experience and occupation, and a narrative of the incident.
<a href="#">Violations</a>	Report provides data on MSHA Violations to include: Mine ID, Violator Type, Contractor ID, Date, Citation Number, Final Order Date, Section and The Act and Termination.
<a href="#">Health Samples</a>	Report provide specific information for health samples that includes, date, location, job, contamination code and concentration PEDS, etc.

Select a link to see related report. →

TIP: For printing change page setting to landscape

# MDRS Text Search Tips

1. Search using MOST UNIQUE WORD in the name:

A screenshot of the MDRS search interface. The search field is labeled "Mine Name" and contains the text "pinnacle". Below the search field, a dropdown menu is open, showing two results: "BRC Pinnacle, LLC" and "Pinnacle Mine".

2. If no unique mine then use special characters:

1. Underscore “\_” → Tells MDRS to look for spaces between words

A screenshot of the MDRS search interface. The search field is labeled "Mine Name" and contains the text "gateway\_eagle\_mine". Below the search field, a dropdown menu is open, showing one result: "Gateway Eagle Mine".

A screenshot of the MDRS search interface. The search field is labeled "Mine Name" and contains the text "Gateway\_Eagle". Below the search field, a dropdown menu is open, showing one result: "Gateway Eagle Mine".

2. AND or “&” → Tells MDRS to only return items with all words in search

A screenshot of the MDRS search interface. The search field is labeled "Mine Name" and contains the text "Eagle&Gateway". Below the search field, a dropdown menu is open, showing one result: "Gateway Eagle Mine".

A screenshot of the MDRS search interface. The search field is labeled "Mine Name" and contains the text "Eagle&Gateway". Below the search field, a dropdown menu is open, showing one result: "Gateway Eagle Mine".



# MDRS Training Videos by Topic

TOPIC	LINK
How do I navigate MDRS?An Overall Review.	<a href="https://www.youtube.com/watch?v=O4JgGjPfOes&amp;feature=youtu.be">https://www.youtube.com/watch?v=O4JgGjPfOes&amp;feature=youtu.be</a>
How do I see what data/reports are available for a Mine?	<a href="https://www.youtube.com/watch?v=YMJZBcBwGkM&amp;feature=youtu.be">https://www.youtube.com/watch?v=YMJZBcBwGkM&amp;feature=youtu.be</a>
How do I search for multiple Mines at the same time?	<a href="https://www.youtube.com/watch?v=SzvWh4GKnyA&amp;feature=youtu.be">https://www.youtube.com/watch?v=SzvWh4GKnyA&amp;feature=youtu.be</a>
How do I view inspection history and inspection details of a Mine?	<a href="https://www.youtube.com/watch?v=HD55hy_UoTI&amp;feature=youtu.be">https://www.youtube.com/watch?v=HD55hy_UoTI&amp;feature=youtu.be</a>
How do I look up injury rates for a Mine?	<a href="https://www.youtube.com/watch?v=hUNntpnn_70&amp;feature=youtu.be">https://www.youtube.com/watch?v=hUNntpnn_70&amp;feature=youtu.be</a>
How do I find violation history for a Mine?	<a href="https://www.youtube.com/watch?v=LOyhazMhga4&amp;feature=youtu.be">https://www.youtube.com/watch?v=LOyhazMhga4&amp;feature=youtu.be</a>
How do I find quarterly employment/production numbers for a Mine?	<a href="https://www.youtube.com/watch?v=eml-omp0uA&amp;feature=youtu.be">https://www.youtube.com/watch?v=eml-omp0uA&amp;feature=youtu.be</a>
How do I look up Mine ID number(s) for a Contractor?	<a href="https://www.youtube.com/watch?v=2n7qVOgCPOA&amp;feature=youtu.be">https://www.youtube.com/watch?v=2n7qVOgCPOA&amp;feature=youtu.be</a>
How do I search for a Contractor if I don't know the Contractor ID?	<a href="https://www.youtube.com/watch?v=AvrjNiPDGhw&amp;feature=youtu.be">https://www.youtube.com/watch?v=AvrjNiPDGhw&amp;feature=youtu.be</a>
How do I export or print?	<a href="https://www.youtube.com/watch?v=49N0bgaZVcc&amp;feature=youtu.be">https://www.youtube.com/watch?v=49N0bgaZVcc&amp;feature=youtu.be</a>

# MSHA Data Contacts

Syed Hafeez

Director, Educational Policy and Development & Program Evaluation and  
Information Resources

[hafeez.syed@dol.gov](mailto:hafeez.syed@dol.gov)

Reza Noorani

Chief, Program Evaluation and Information Resources

[noorani.reza@dol.gov](mailto:noorani.reza@dol.gov)

(202) 693-9636



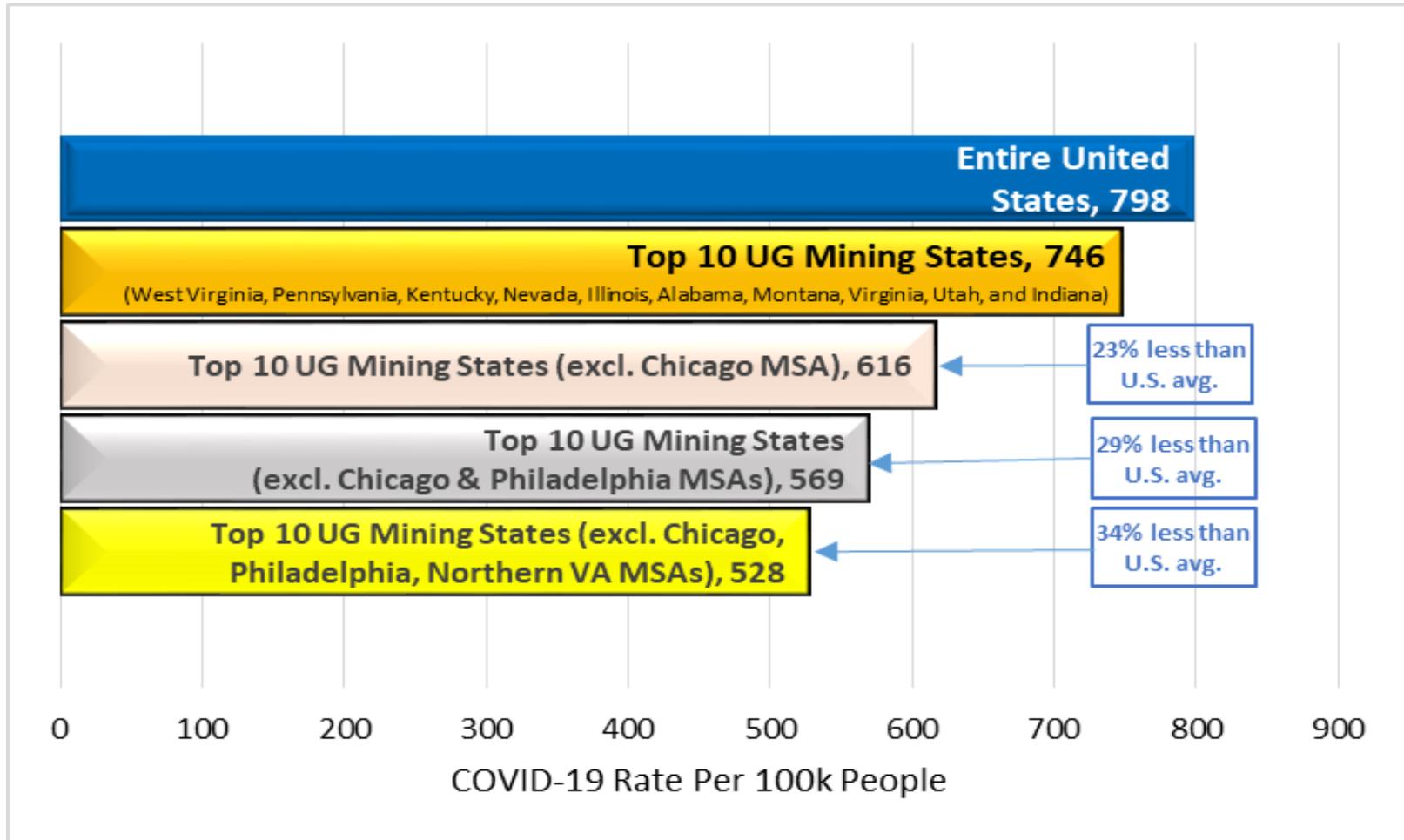
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# Review of DOL & MSHA COVID-19 Update



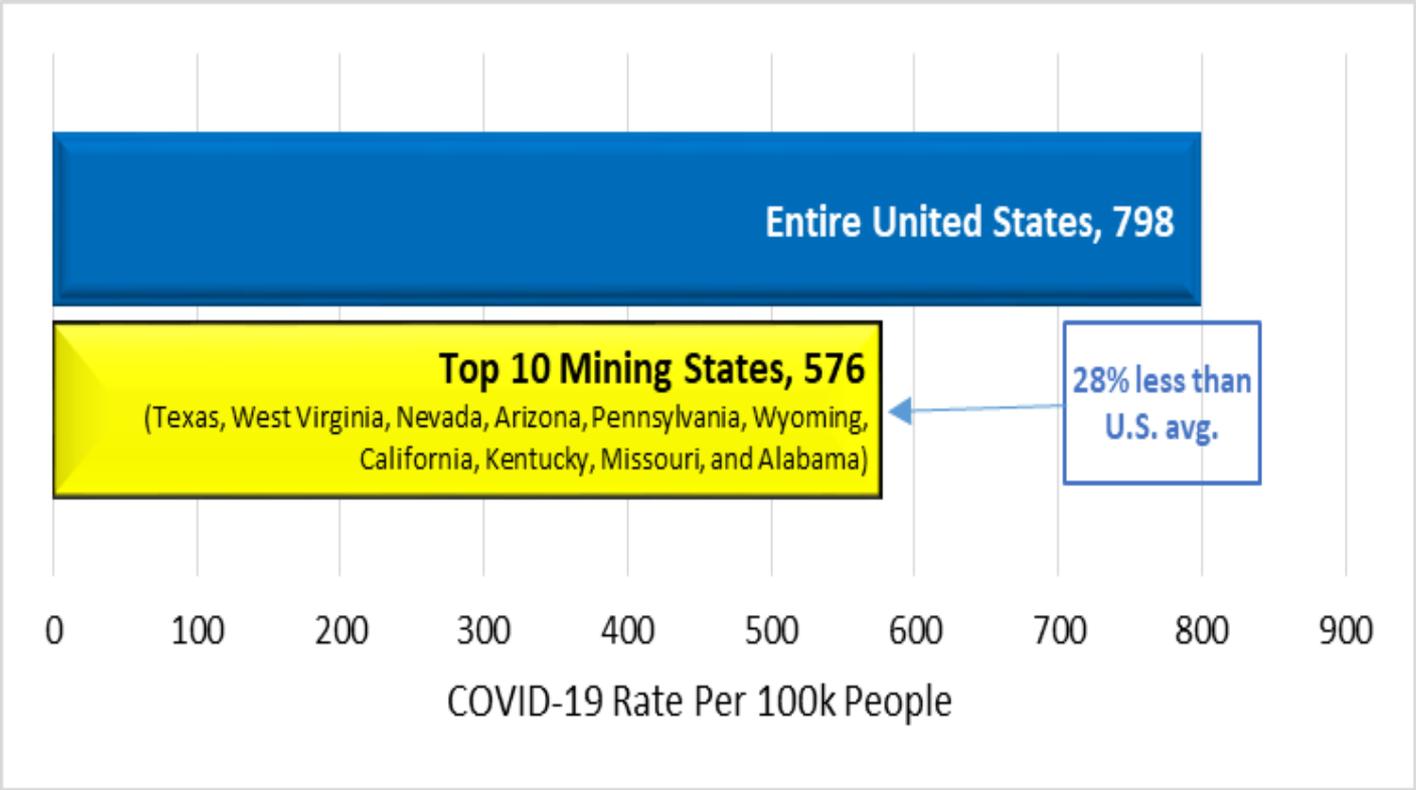
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# COVID-19 Incidence Rates for Top 10 Underground Mining States by Number of Underground Miners



As of June 29, 2020, 12:15pm

# COVID-19 Incidence Rates for Top 10 Mining States by Number of Miners



## NOTES:

1. COVID-19 data was obtained from the Johns Hopkins University of Medicine's Corona Virus Resource Center, <https://coronavirus.jhu.edu/>. Accessed on Jun 30, 2020; testing data was current as of June 29, 2020 12.15pm.
2. COVID-19 rates were computed using the US Census Bureau's 2018 census population data, <https://data.census.gov/cedsci/table?q=dp&tid=ACSDP1Y2018.DP02&hidePreview=true>.
3. Mining employment data were obtained from mine operator filings of MSHA 7000-2 Quarterly Mine Employment and Coal Production Report for activity during CY2020 Q1.
  - a. The top 10 underground mining states by number of underground miners listed in figure 1 are presented in order of most to least miners.
  - b. The top 10 mining states by number miners listed in figure 2 are presented in order of most to least miners.
4. Metro Statistical Areas (MSA) referenced in Table 1 include the following counties:
  - a. Philadelphia – Bucks, Chester, Montgomery, Delaware, Philadelphia.
  - b. Chicago – Cook , DuPage , DeKalb , Grundy , Kane , Kankakee , Kendall , Lake , McHenry , and Will.
  - c. Virginia – Alexandria (city), Arlington, Falls Church (city), Fairfax, Fairfax (city), Loudoun, Manassas (city), and Prince William.

# Questions?



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# Closing Remarks



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