Accident Classification*

- Powered Haulage, 7
- Surface, 4 Underground, 3
- Machinery, 3
- Fall of Roof/Rib, 2
- Handling Material, 2
- Slip or Fall of Person, 1

*Note
3 foremen
2 roof falls*
Number of Employees

- 19 or less, 6
- 20-49, 3
- 50+, 6
Age

- Over 40, 5
- 26-30, 4
- 31-40, 6
Experience at the Mine

- Over 4 Yrs, 6
- 1 Yr or Less, 6
- >2 to 4 Yrs, 2
- >1 to 2 Yrs, 1
Experience at the Activity

- Over 4 Yrs, 6
- >1 to 4 Yrs, 4
- 1 Yr or Less, 5
The drill motor turned unexpectedly, pinning the driller’s leg between the tool and the drill mast.

The edge of the dump bank failed, causing the haul truck to travel backwards and overturn, landing on the roof of the cab.

A ground man became entangled in a fluted tail pulley while attempting to shovel under an adjacent tail pulley.

A chute puller was crushed between the deck of the locomotive and an overhead chute while riding on a rail-mounted locomotive.

A plant operator died after entering a cyclone discharge box.
A miner was fatally injured while attempting to insert a steel pin into a spud beam.

A miner got out of his haul truck in an area with a 2-8% varying grade. The haul truck rolled forward, pinning the miner between the haul truck and his personal truck.

A miner drowned when the bank failed and the excavator he was operating rolled over, entering the water.

A pickup truck was going through the gate, the gate closed striking the windshield, and killing the victim.

A shuttle car traveled through a flypad and struck another miner’s shuttle car.
A miner was working under unsupported roof when a piece of rock fell from the roof and struck him.

A telehandler was towing a trailer with a diesel pump when the tow hitch broke. The trailer rolled backward and struck a miner.

A miner was installing rib bolts using a full face continuous mining machine. The foreman decided to assist, when the corner of the mine rib sheared off, pinning the foreman against the mining machine.

A miner was walking across the entry when a shuttle car struck him.

A miner was dislodging raw material inside of the primary hopper when he became engulfed by unconsolidated material in the hopper.
Powered Haulage Best Practices - Surface

• Always dump material in a safe location.
• Always construct substantial berms as a visual indicator to prevent over travel.
• Establish safe traffic patterns with proper signage.
• Chock the wheels or turn them into a bank when parking mobile equipment on a grade.
Powered Haulage Best Practices - Underground

• **Stop and sound an audible warning device** before tramming equipment through ventilation curtains.

• **Look in the direction of travel** and stay in the operator’s compartment while operating mobile equipment.

• **Install reflective signs or warning lights** in low clearance areas.
Powered Haulage Best Practices - Conveyors

• Design, install, and maintain guards.
• Lock out – Tag out: Lock and tag conveyors before performing work.
Training

Train miners to:

• Follow established policies and procedures.
• Comply with MSHA approved plans.
• Recognize and eliminate hazards before beginning work.
• Understand safe job procedures and tasks.
• Use personal protective equipment.
• Stay out of hoppers, cyclones, and chutes.