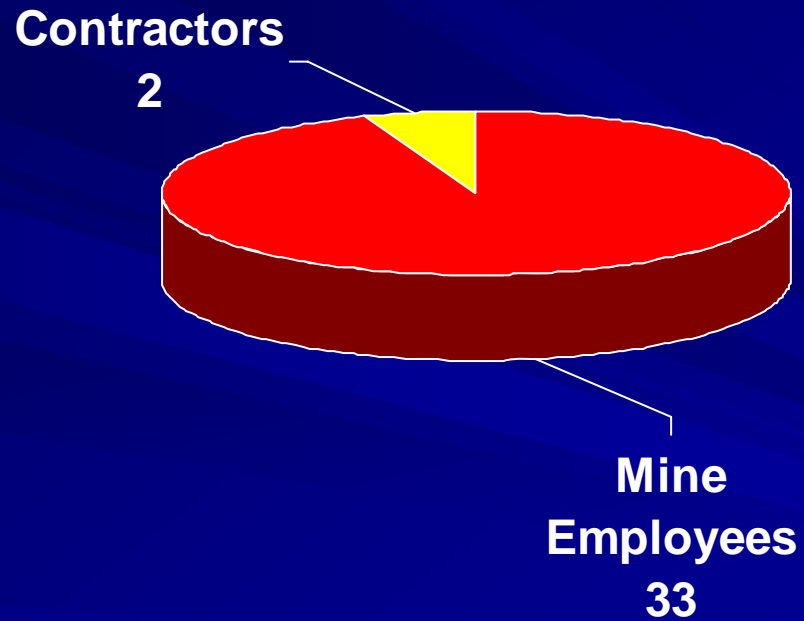
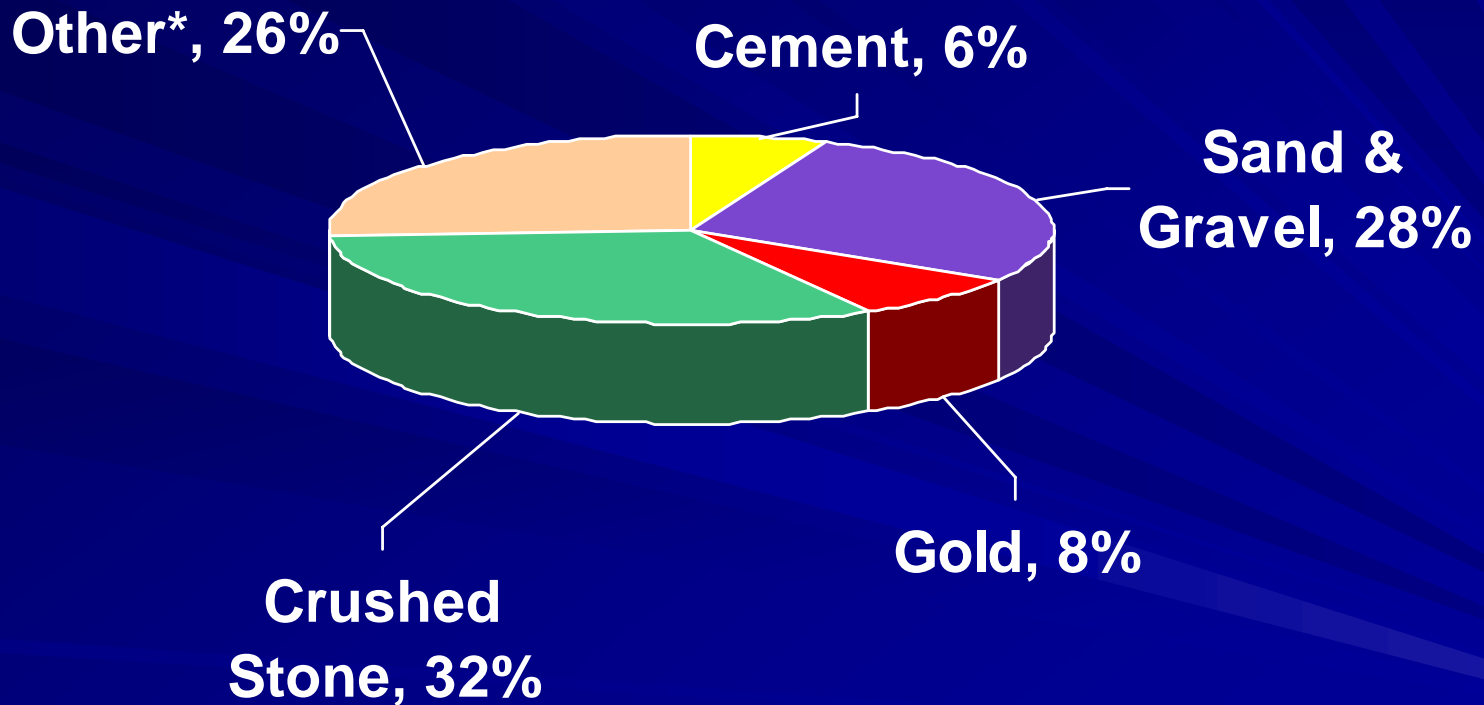


**Metal and Nonmetal
Fatal Accident Review
CY 2005**

MNM Fatalals

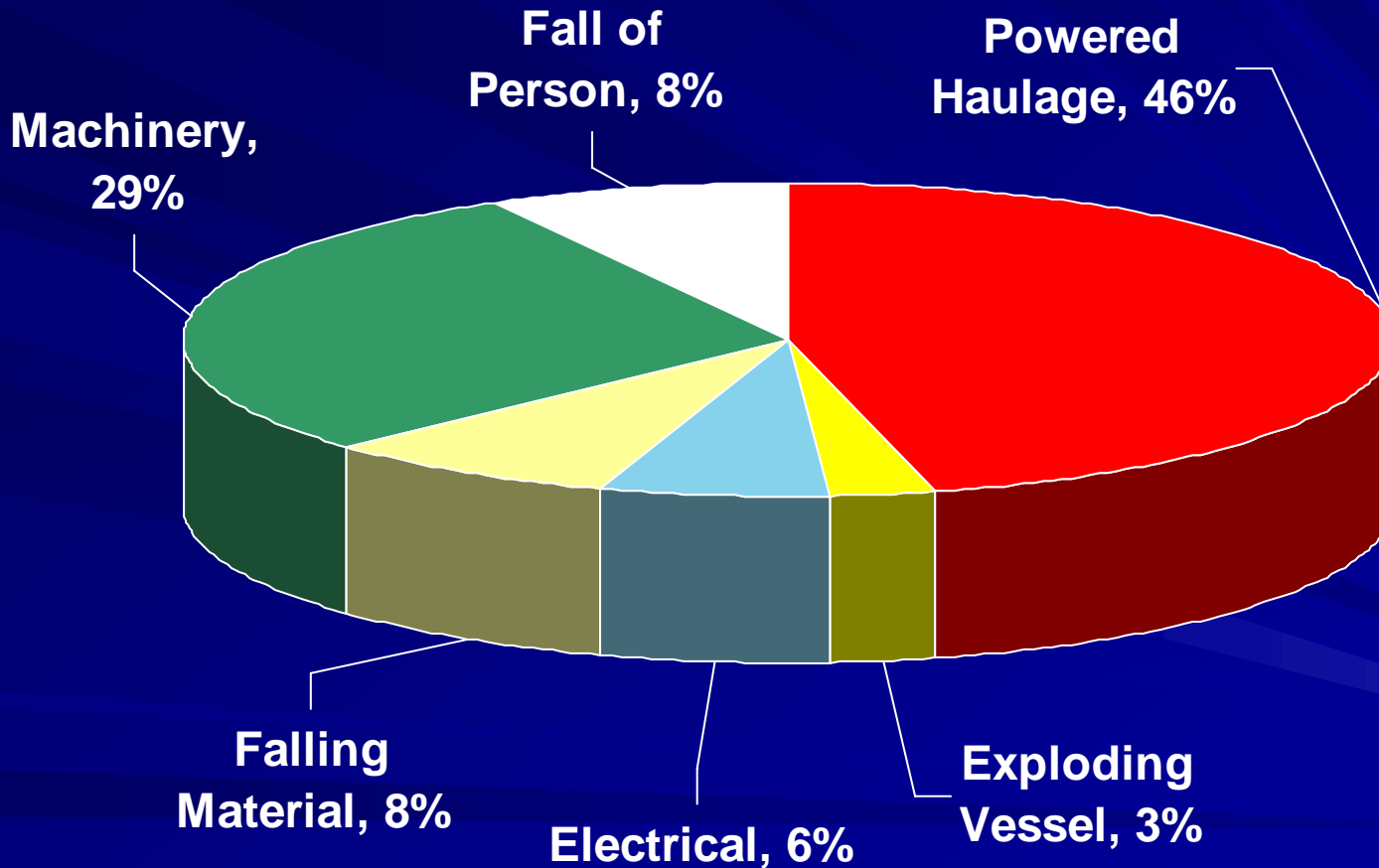


MNM Fatalities by Commodity

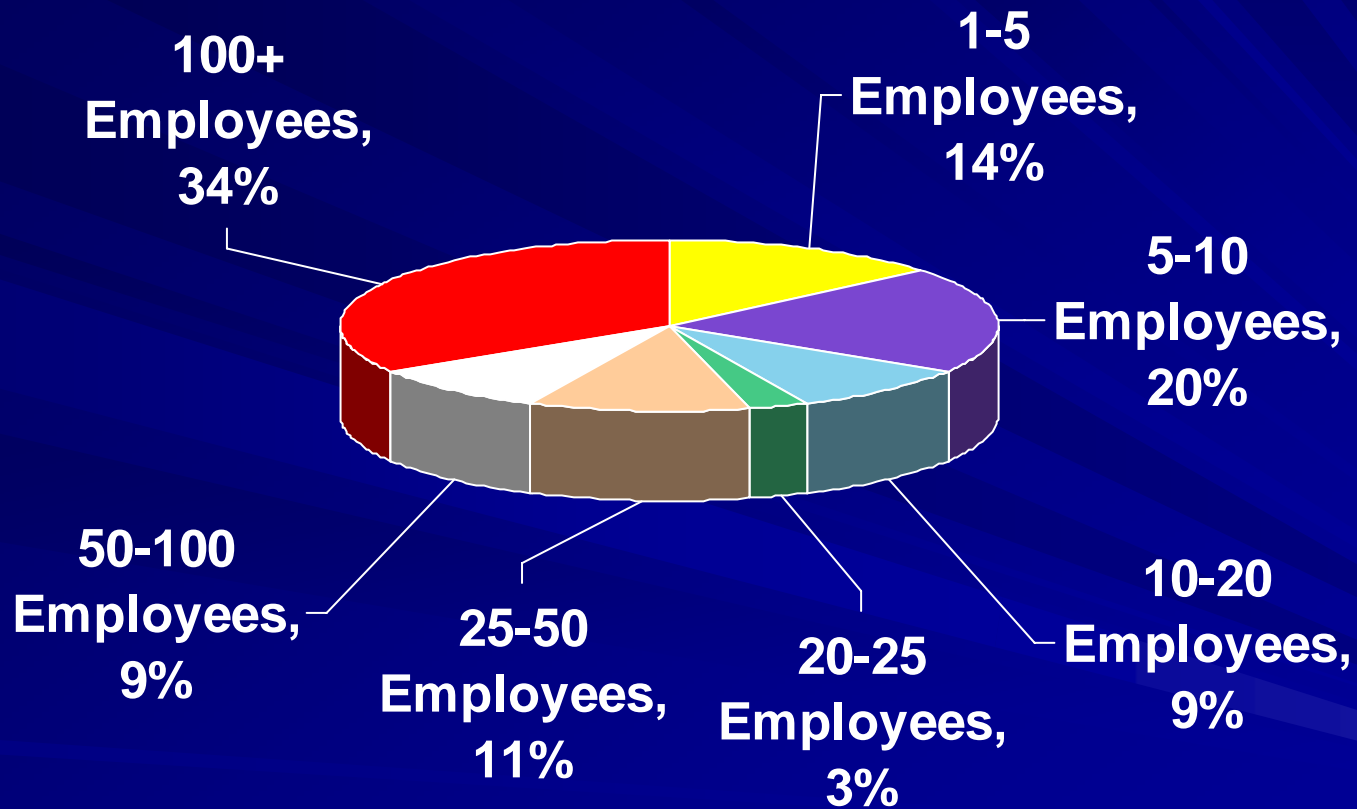


* Trona, Lime, Platinum, Pumice, Phosphate, Iron Ore, Sandstone, Potash, Copper

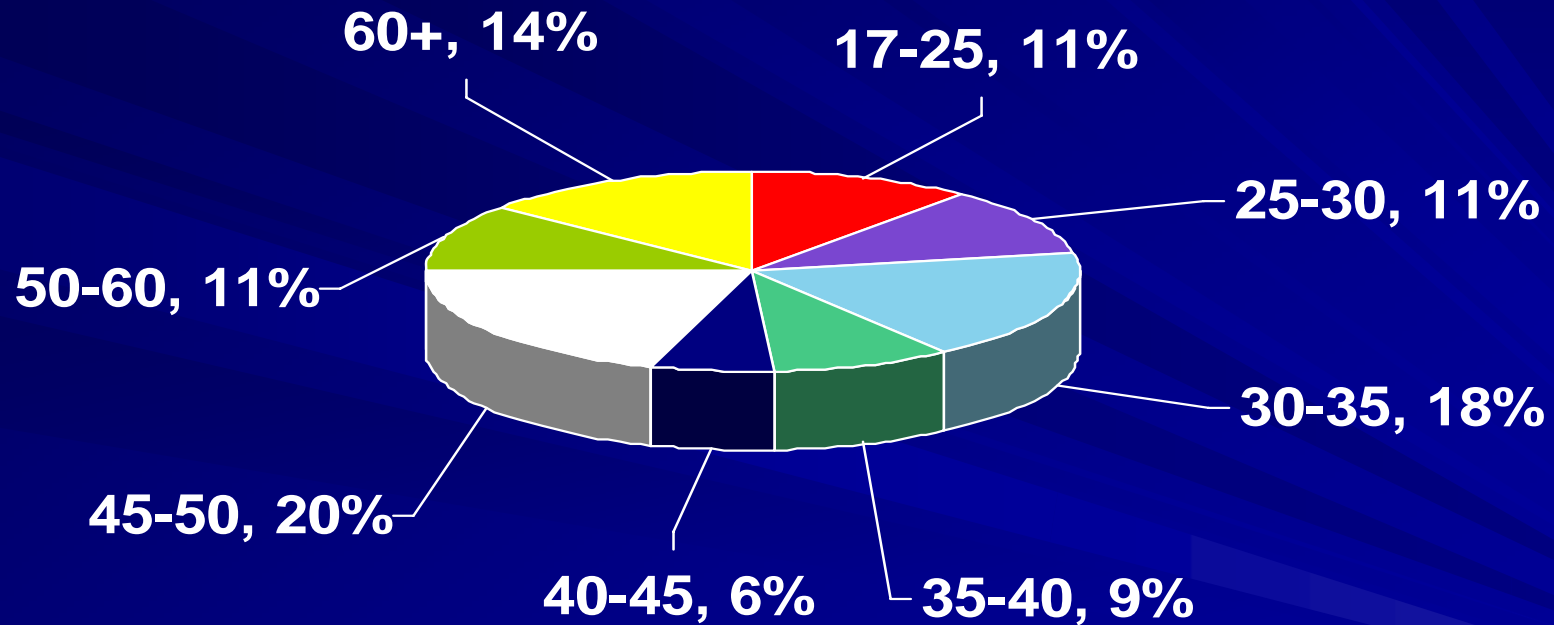
MNM Fatalities by Classification



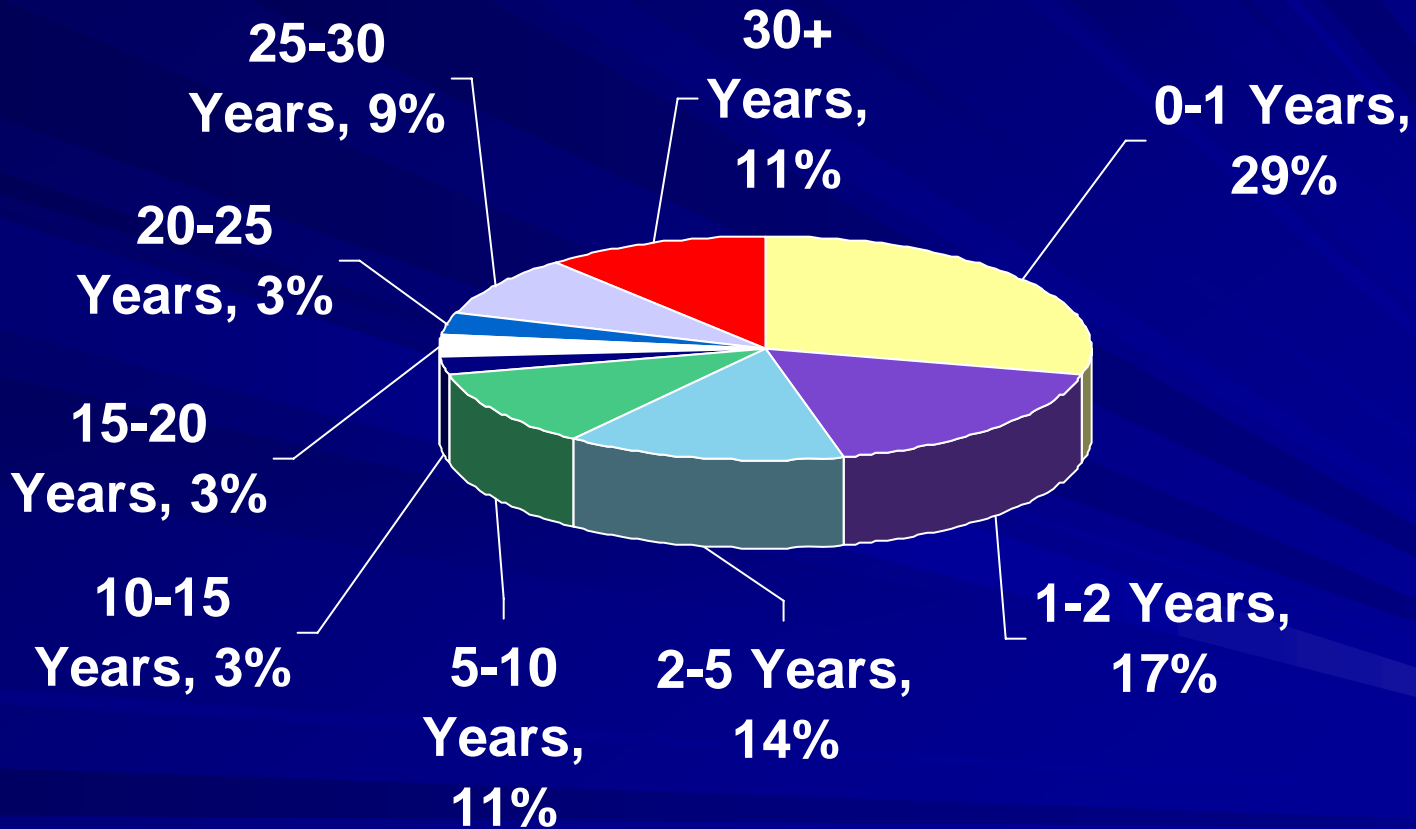
MNM Fatalities by Mine Size



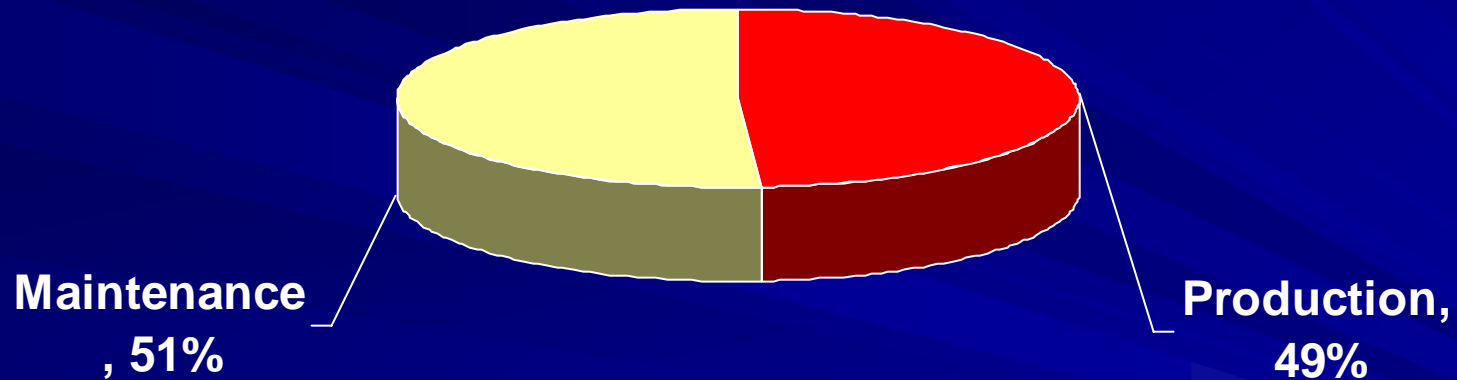
MNM Fatalities by Age



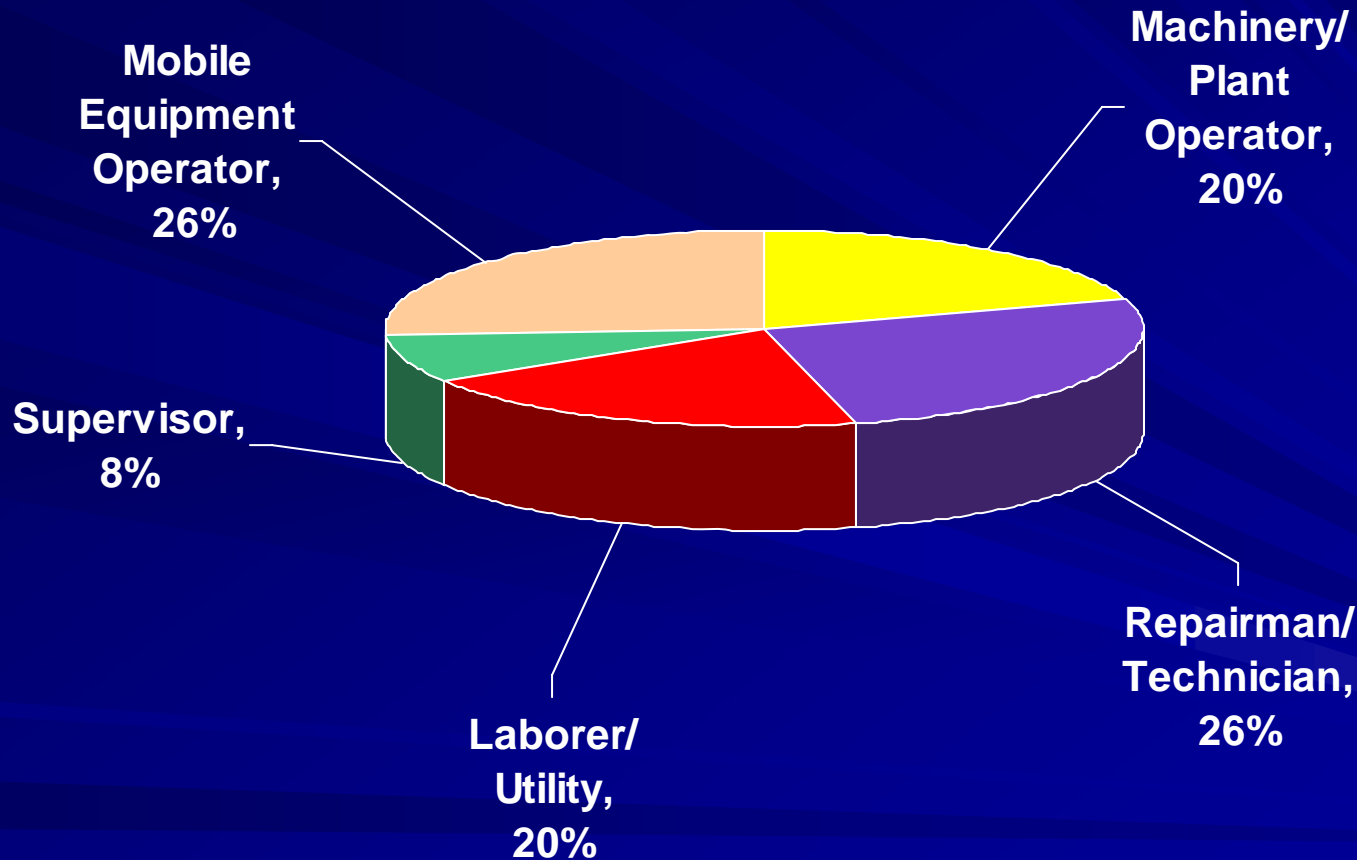
MNM Fatalities by Mining Experience



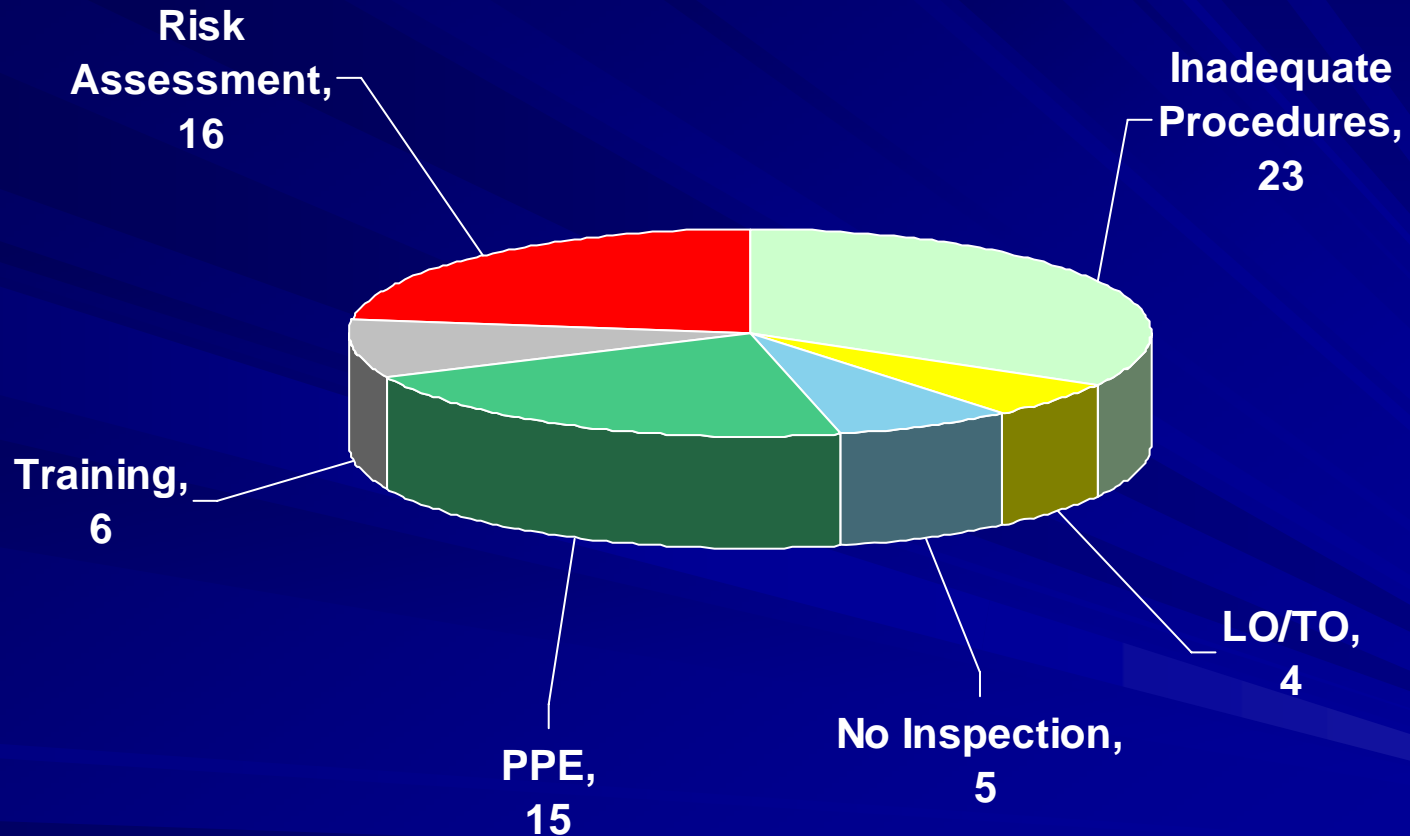
MNM Fatalities by Activity



MNM Fatalities by Occupation

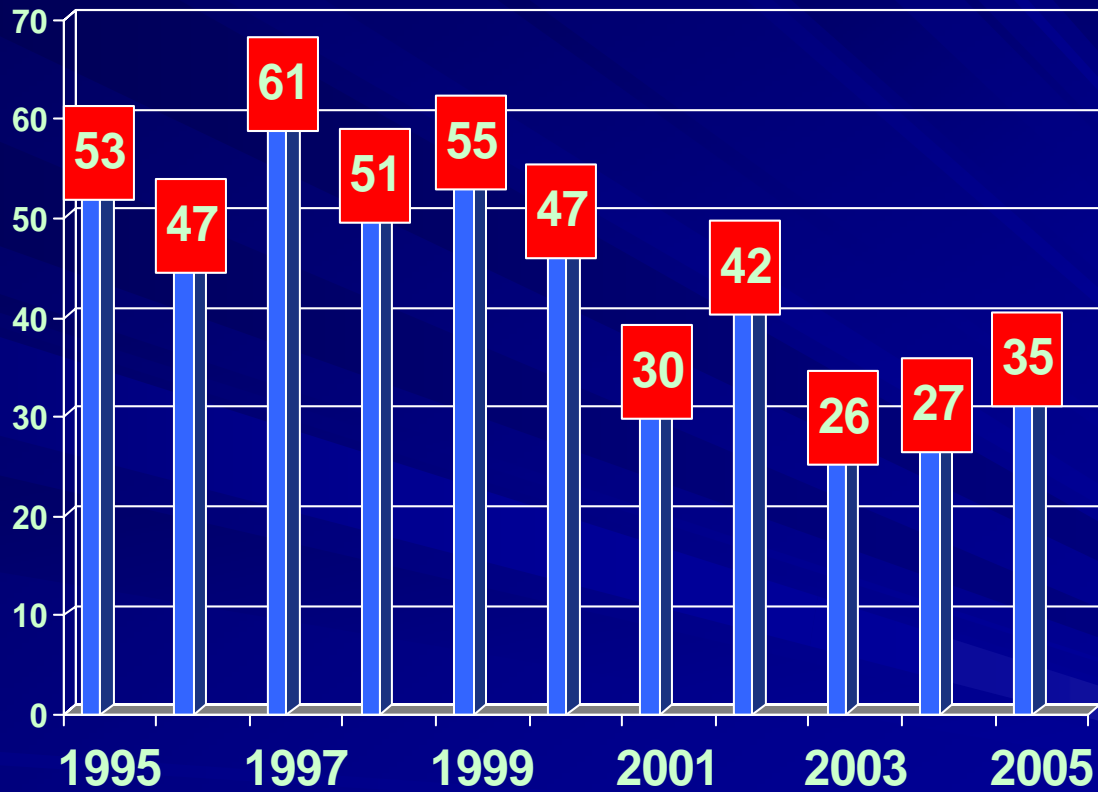


Root Causes



Note: Fatalities may have several root causes.

MNM Fatalities – 1995-2005





The majority of fatal accidents have these common root causes

- Failure to identify hazards
- Failure to manage risks

SLAM Risks the SMART Way!

Miners:

- Stop** Think through the task
- Look** Identify the hazards for each job step
- Analyze** Determine if you have the proper knowledge, training, and tools
- Manage** Remove or control hazards and use proper equipment

Mine Operators:

- Stop** Isolate each step in a task and identify past and potential accidents, injuries, and violations.
- Measure** Evaluate the risks associated with the task and barriers that have allowed hazards to cause injuries
- Act** Implement controls to minimize or eliminate any hazards that make the risk unacceptable
- Review** Conduct frequent work site visits to observe work practices and audit accidents, injuries, and violations to identify root causes
- Train** Develop a human factor-based action plan and then involve and train the miners
- Make the RIGHT Decision!**

When Miners & Mine Management are
Risk SLAMMERS

together they

Make the RIGHT Decision and...





U.S. Department of Labor

**Make the
RIGHT Decision**

Mine Safety and Health Administration