



Natural building blocks for quality of life

Safety Alert



Slips, Trips, and Falls at M/NM Mines: January 2007 – December 2007

161 MINERS LOST WORK TIME (64%)

254 Total Injuries

- 67 Suffered *open* wounds
- 52 Suffered *herniated* spinal disc
- 29 Suffered *fractured* bone
- 17 Suffered **MULTIPLE** injuries



Leading Miner activity:	
On-off equipment/machines	61
Machine maintenance/repair	48
Walking/running	40
Handling supplies or materials	38
Hand tools-non power	19

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Improper use of steps-ladders: on-off	58
Tool slippage	30
Unstable surface/loose material	28
Wet surfaces	20
Poor, improper access	17
Poor Housekeeping	17
Ice, snow	15

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**TOO MUCH
PAIN
SUFFERING
LOST TIME**

Make sure steps and ladders are clean before use. Beware of mud and ice!

Watch where you step! Beware of loose material!

Use 3 points of contact when climbing on or off machines and equipment.



**Stop Look
Analyze Manage
Risks**

MSHA believes the SLAM-SMART program can be an important tool in all safety programs and encourages Safety Directors to view the presentation and implement the suggestions: S.L.A.M.: Stop, Look, Analyze, Manage, is a risk management/assessment tool for miners; and: S.M.A.R.T.: Stop, Measure, Act, Review, Train is a risk management/assessment program for mine operators . These tools are life savers. Visit the full presentation at this link: [SLAM SMART Presentation](#).

*This product was developed as part of the MSHA Alliance Program. It does not necessarily reflect the official views of MSHA. Use of the Alliance Program logo is reserved for MSHA and it's active Alliance partners. The MSHA Alliance Program is to promote miner safety and health through voluntary partnerships, which provide training and education, outreach, technical assistance, and a national dialogue on mine safety and health. For more information, contact MSHA at (202) 693-9414 or <http://www.msha.gov/alliances/alliances.htm>.

**Statistics used are for the January-December 2007 metal and nonmetal mining industry (including Contractors). Metal and nonmetal mine operators provide the raw data to MSHA required by 30 C.F.R. § 50.20, Preparation and submission of MSHA report form 7000-1 –Mine Accident, Injury, and Illness Report.