

# Workplace Health and Safety Snapshot for Ontario Mining Sector in 2016



**20,932**

Full-time employees



## Events resulting in lost-time injury or illness

Injury or illness severe enough to require one or more days lost from work



**37%**

**Bodily Reaction & Exertion**  
(excessive physical effort, free bodily motion that results in stress or strain on the body, assuming an unnatural position, and repetitive motion)



**35%**

**Contact with objects or equipment**  
(struck by or against object, caught in, crushed or compressed by equipment, objects or collapsing materials and rubbed, abrade)



**17%**

**All others**  
(highway/non-highway/railway incident, exposure to caustic, noxious or allergenic substance, explosions, contact with temperature extremes, N/A and pending)



**11%**

**Falls**  
(falls/jumps to lower level and falls on same level)

## Most common lost-time injuries

**41**

**Bodily reaction and exertion**, includes injuries and illnesses resulting from repetitive motion, bending, climbing, crawling, reaching, twisting, slipping, tripping, overexertion in lifting, pulling, pushing, carrying or turning objects.

**38**

**Contact with objects and equipment**, includes struck by falling or flying object, struck by discharged object or substance, struck by or against object, stepped on object, struck by rolling, sliding object on floor, compressed or pinched by rolling, sliding or shifting object, caught in or compressed by equipment or object, rubbed, abraded or jarred by vehicle or mobile equipment vibration, rubbed or abraded by foreign matter and other cave-in.

**12**

**Falls**, includes falls to floor, walkway or other surface, falls onto or against object, falls to lower level and falls/jumps from ladder, scaffold, platform or loading dock.

## Top 3 Occupational Diseases

Based on approved WSIB claims for healthcare, being off work, loss of wages, or permanent disability.

**91**

Noise-induced hearing loss

**21**

Hand-arm vibration syndrome

**14**

Exposures, includes exposure to chemical agent, dust and other communicable diseases

Source: WSIB Enterprise Information Warehouse as of March 31, 2017. RG 110, 113, 119 WSN May 2017

# New Mining Health and Safety Service: Key Hazards Assessment

Upcoming new legal requirements for mining sector employers

To support the Ontario mining industry in preventing critical and fatal injuries, and based on recommendations from the Mining Health, Safety and Prevention Review (MHSPR) report released April 2015, Ontario's mining health and safety association Workplace Safety North (WSN) has created a Key Hazards Assessment program, available free charge, which will help mining companies and operations meet upcoming legislative requirements.

Mining review recommendations include requirements for mining sector employers to conduct risk assessments and address key hazards. These requirements will become law in early 2017 as part of Regulation 854 of the Occupational Health and Safety Act. As such, WSN is providing to any Ontario mining operation the following services at no charge.

## Key hazards assessment by WSN subject matter experts on the following:

- Ground control including risks associated with seismicity and rockbursts
- Occupational disease, focusing on exposure to airborne hazards
- Water management, particularly problematic water in ore and waste passages
- Mobile equipment and the risks of collision
- Worker fatigue
- Controls for worker training

Assessments are comprised of two sections: (i) legislative compliance to ensure the operations meet current legislation governing the hazard; and (ii) risk assessment and control review to ensure each operation has conducted a thorough risk assessment for the hazard and, more importantly, to ensure programs are in place so that required controls are routinely audited for effectiveness.

**To schedule a Key Hazards Assessment, please contact Workplace Safety North at 1 888 730 7821 (Ontario) or [info@workplacesafetynorth.ca](mailto:info@workplacesafetynorth.ca)**

## Mining Health and Safety Services And Training Also Available

Assessment services also available: ergonomics, ground control, mine ventilation, and radon survey. Audit services are available for ground control. Training includes: Duly Diligent Mining Supervisor, Joint Health and Safety Committee Certification, and Ministry of Training, Colleges and Universities common core training programs for the mining sector.

## Membership benefits

A strong safety culture is a sign of a healthy, productive workplace. As a member of Workplace Safety North (WSN), you're entitled to expert advice and information, including access to classroom training programs, on-site consultations, health and safety audits, industrial hygiene testing, specific problem-solving, and more.

- On-site employee health and safety training
- Supervisory and management health and safety training
- Workplace safety and health inspections
- Technical safety and health consultation
- Access to health and safety resources

## About Workplace Safety North – Your health and safety partner

An independent not-for-profit, Workplace Safety North is one of four health and safety associations in Ontario, and the only one located in the north. WSN provides Ministry-approved workplace health and safety services for mining and forest products sectors, as well as businesses and communities across northern Ontario.

With health and safety specialists located across the province, WSN and its legacy organizations have been helping make Ontario workplaces safer for more than 100 years. As a leading provider of health and safety services, businesses and communities call upon WSN for expert advice and training. For more information, visit [workplacesafetynorth.ca](http://workplacesafetynorth.ca).

### Services:

Safe Workplace Ontario third-party business health and safety certification program, Workplace Safety and Insurance Board safety group incentive programs, and business health and safety program and culture audit.

### Training:

Ministry-approved courses: Joint Health and Safety Committee Certification, Working at Heights Safety Training, mining and forestry common core mandatory skills training. Related courses include Competent Supervisor, Mental Health First Aid, Positive Psychology, and Mine Rescue.