

Workplace Health and Safety Snapshot for Ontario Mining Sector in 2014



22,226

Full-time employees

3 **11**
Injury Disease*
Work-related fatalities

933
Total injuries

121
Lost-time injuries

4.20
Total injury rate per 100 workers

-17%
Change in injury rate from previous year

Events Resulting in Lost-time Injury or Illness

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



41%

Contact with objects or equipment
(including struck by rocks, crushed stone, contact with equipment, machinery)



30%

Musculoskeletal Disorders (MSDs)
(related to excessive physical effort, bodily movement, repetitive motion)



11%

Falls
(majority of falls to same and lower level, e.g. walkway, non-moving vehicle)



11%

Transportation incidents
(majority are non-highway incidents, e.g. fall from or struck by moving vehicle or mobile equipment)



7%

All others
(exposure to harmful substances or environment, etc.)

Most Common Lost-Time Injuries

40 **Struck by object, or caught in or compressed by equipment injuries**, including being struck by rocks, crushed stone, falling, flying, or slipping object; slammed in swinging door or gate; compressed or pinched by rolling, sliding, or shifting objects; caught in or compressed by equipment or machinery.

33 **Musculoskeletal Disorders (MSDs)**, including repetitive motion, bending, climbing, crawling, reaching, twisting, slipping, overexertion in lifting, throwing, pulling, pushing or throwing objects.

13 **Falls**, majority of falls to same or lower level, such as floors, walkways, and other surfaces, falls onto or against objects, and falls from non-moving vehicle.

13 **Transportation incidents**, e.g. fall from or struck by moving vehicle or mobile equipment, overturn, loss of control, sudden start or stop, shifting load.

Top 3 Occupational Diseases

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

80 **Noise-induced hearing loss**

16 **Hand-arm vibration syndrome**

15 **Symptoms, signs, and conditions of disease**, including tearing eyes, respiratory irritations or abnormalities, sneezing, halitosis, nausea and vomiting, headache, facial pain, dizziness, giddiness, and rash.

*Disease fatality claims approved by WSIB in 2014

Source: WSIB Enterprise Information Warehouse as of March 31, 2015. RG 110, 113, 119 WSN Nov 2015.

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
- Skills 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 or 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 and online training programs, on-site meetings, health and safety audits, industrial hygiene testing, ergonomic assessments, specific problem-solving and more.

Your prevention partner

An independent, not-for-profit health and safety organization, WSN and its legacy organizations have been helping make Ontario workplaces safer for 100 years. As one of the four designated provincial health and safety associations, WSN specializes in forestry, mining, and paper, printing, and converting sectors, and is funded by a portion of the dues members pay to the Workplace Safety and Insurance Board. A leading provider of health and safety training and consulting, businesses call upon WSN for expert advice and information.