

Workplace Health and Safety Snapshot for Ontario Mining Sector in 2017



21,423

Full-time employees

1 **8**
Injury Disease*
Work-related fatalities

911
Total injuries

147
Lost-time injuries

4.25
Total injury rate per 100 workers

+3.66%
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



37%

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



24%

Contact with objects or equipment
(struck by object; caught in, crushed, or compressed by equipment, objects, or collapsing materials; abraded by friction or pressure)



16%

Falls
(falls or jumps to lower level, and falls on same level)



23%

All others
(highway and non-highway incidents; contact with temperature extremes; exposure to: air pressure change, harmful, noxious or allergenic substance, radiation, traumatic event, explosion)

Most common lost-time injuries

55 **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.

36 **Contact with objects and equipment**, includes struck by falling, flying, swinging or slipping object; struck by or against object; stepped on object; struck by rolling, sliding object on floor; compressed or pinched by rolling, sliding or shifting object, compressed by equipment or object; rubbed or abraded by foreign matter and other cave-in.

23 **Falls**, includes falls to floor, walkway or other surface, falls onto or against object, falls to lower or same level, and falls from moving vehicles.

Top 3 Occupational Diseases

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

103
Noise-induced hearing loss

22
Hand-arm vibration syndrome

14
Injury and poisoning, includes burns, heat exhaustion, toxic effects of gases or acids, bee and wasp stings.

*Disease fatality claims approved by WSIB in 2017. Source: WSIB Enterprise Information Warehouse as of February, 2018. RG 110, 113, 119 WSN May 2018.

Overview of Joint Health and Safety Committee certification training

Focus on workplace-specific hazards

JHSC Certification: Part One (3 days)

This mandatory course provides participants with an understanding of how to recognize, assess and control workplace hazards, the rights and duties of certified members, and how to conduct effective workplace inspections and incident investigations.

JHSC Certification: Part Two (3 days)

Focusing on the concepts of recognition, assessment, and control of hazards, and evaluation of the hazard controls, participants learn how to apply these concepts to a minimum of six hazards relevant to their own workplaces. In addition, learners practise drafting action plans and recommendations for the employer.

By the end of the two-day course, participants will:

- Review the material covered in Certification Part One training
- Understand the hazard-related concept of recognize, assess, control and evaluate (RACE)
- Understand key hazards specific to the sector
- Use various tools to help recognize, assess and control hazards, and evaluate hazard controls
- Understand the role of the Joint Health and Safety Committee in relation to the Internal Responsibility System.

Key hazards

- Dust and particulates
- Mine ventilation
- Fatigue, stress and shiftwork
- Ground control
- Water management
- Underground haulage
- Surface mobile equipment
- Electrical hazards
- Lock out
- Falls from elevations

Also Available

Safety culture and program assessment

Based on findings from the Institute for Work and Health, there are ten occupational health and safety factors predictive of a company's health and safety performance. Using these factors, WSN developed the Climate Assessment and Audit Tool (CAAT) to properly assess the maturity of a firm's health and safety culture and system. Learn more by speaking to your WSN Health and Safety Specialist.

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 based in the north. WSN provides province-wide 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 occupational health and safety advice and training. For more information, please visit workplacesafetynorth.ca.