

Workplace Health and Safety Snapshot for Ontario Mining Sector in 2021



24,971

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



54%

Exposures

(exposure to caustic, noxious, or allergenic substances; exposure to traumatic or stressful event; exposure to noise; exposure to air pressure change)



15%

Bodily reaction and exertion

(overexertion; repetitive motion; bodily reactions and exertion; bodily conditions)



14%

Contact with objects or equipment

(struck by or against object; caught in, crushed, or compressed by equipment, objects or collapsing materials; and rubbed, abraded, by friction)



10%

Falls

(falls to same or lower level; jump to lower level)



6%

Other

(pedestrian struck by vehicle, mobile equipment; highway and nonhighway accidents; fire, explosion)

Most common lost-time injuries

167

Exposure to caustic, noxious, or allergenic substances; inhalation in open or nonconfined space; contact with skin, eyes or other exposed tissue; inhalation of substance; exposure from witnessing, hearing traumatic or stress event; exposure to air pressure change; exposure to noise over time; emotional reaction.

47

Bodily reaction and exertion, includes injuries resulting from overexertion in lifting, pulling, pushing, carrying, or turning objects; repetitive motion, bending, climbing, crawling, reaching, twisting, slipping, tripping; and slip, trip, twist, step on something without a fall; stepping in hole; repetitive movement, bodily reaction and conditions.

44

Contact with objects and equipment, includes injuries resulting from being struck by falling, flying, swinging or slipping object; struck by or against object; struck by or slammed in swinging door; stepped on object; caught in or compressed by equipment or object; rubbed or abraded by friction, pressure, or foreign matter; jarred by vehicle or mobile equipment.

Top 3 Occupational Diseases

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

167

Diseases of the respiratory system: viral infection, asthma, chronic airways obstruction

153

Diseases of the nervous system and sense organs: noise effects on inner ear; tinnitus; carpal tunnel syndrome; brachial plexus lesions

13

Diseases of the circulatory system includes other peripheral vascular diseases

*Disease fatality claims with a fatality effective date of 2021. Source: Workplace Safety and Insurance Board Enterprise Information Warehouse as of March 31, 2022.

NAICS codes: 10200, 212220, 212232, 212233, 212299, 212314, 212315, 212316, 212317, 212326, 212392, 212393, 212394, 212395, 212397, 212398, 213117, 213119. WSN June 2021.

** The number of lost-time injuries increased from 150 in 2020, to 311 in 2021, due to 152 COVID-19 approved claims.

Overview of Joint Health and Safety Committee certification training

Focus on workplace-specific hazards - JHSC Part 1, 2, and Refresher training

JHSC Certification: Part 1 (three days)

(Disponibile en français)

This mandatory course is available in three formats: self-paced e-learning, instructor-led virtual training, and instructor-led classroom training. Participants learn 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 2 (three days)

This mandatory course is available in two formats: instructor-led virtual or classroom training. 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.

JHSC Certification Refresher (one day)

This mandatory course is available in two formats: instructor-led virtual or classroom training. The one-day refresher training program is legally required every three years and provides the most up-to-date information that JHSC professionals can use to keep their workplace health and safety practices current and effective.

New free training

Health and Safety Representative (HSR) Basic Training

This free small business e-learning training program provides guidance on the powers, functions and duties of the workplace health and safety representative. Reimbursement of \$150 for successful completion is also available for businesses that qualify. Employers with 6 to 19 workers are required to ensure workplaces have a worker Health and Safety Representative, as stated in the Occupational Health and Safety Act.

Also available

WSN Training Programs for Mining Supervisor Common Core

- OHS Act and Mining Regulations
- Ground Control - Underground
- Incident Investigation
- Introduction to Safety Programs
- Manage Employees
- Mine Ventilation - Underground
- Occupational Health and Hygiene
- Planned Inspection and Observation
- Practise Effective Communication
- Prepare for Emergencies - Underground

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. Ask your WSN Health and Safety Specialist for more information.

About Workplace Safety North

Your local health and safety partner

An independent not-for-profit, Workplace Safety North (WSN) is one of four sector-based health and safety associations in Ontario.

Headquartered in northern Ontario, WSN provides province-wide Ministry-approved workplace health and safety training and services for the mining and forest products industries.

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.

A leading provider of health and safety training and consulting, businesses call upon WSN for expert advice and information.



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