

Annual Report 2023-2024 Making Workplaces Safe: A Year in Review WSN Health and Safety Training Centre and Ontario headquarters in North Bay





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WSN Health and Safety Training Centre and Ontario Mine Rescue headquarters in Sudbury

About Workplace Safety North

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 administers the Ontario Mine Rescue program, and provides governmentapproved workplace health and safety training and services for the Ontario mining and forest products industries.

Vision

Every worker, home safe and healthy.

Mission

We are a force for positive action – anticipating and responding to the greatest needs of our clients, and bringing together our partners, members, and diverse communities to build safer, healthier, stronger workplaces.

Values

Compassion, integrity, respect, and team spirit shape who we are and how we work.





Sectors served



Forestry

Logging - Conventional and Mechanical Milled Wood Products includes wood container, pallet manufacturing, and products Sawmills Silviculture

Veneer, Plywood, and Wood Preservation

Paper, Printing, and Converting

Corrugated and Solid Fibre Boxes Folding Cartons Paper Products Printing, Platemaking, and Binding Pulp, Newsprint, and Specialty Paper

Surface and Underground Mines

Mine Rescue Nickel and Copper Mines Gold and Silver Mines Salt and Gypsum Mines Mine Drilling and Exploration Mining Support Activities Other Mines

Message from the Board Chair and Chief Executive Officer



Making Workplaces Safe: A Year in Review

As we reflect on the achievements of 2023-24, it is with great pride and gratitude we present the annual report of Workplace Safety North (WSN) and Ontario Mine Rescue (OMR).

This year was marked by transformative change, notable achievements, innovations, and a steadfast commitment to advancing health, safety, and emergency response across Ontario workplaces. These successes are a testament to the dedication and support of our staff, members, funders, and partners. We extend our heartfelt thanks to each of you for your invaluable contributions.

A special acknowledgment goes to Roy Slack for his inspiration for this year's message and a clear takeaway for the future. At the 2023 Mining Health and Safety Conference we honoured Roy with a lifetime achievement award. His words that day resonated deeply: "We are not just here to make workplaces safer. We are here to make workplaces safe. Period."

In practice, making workplaces safer is often seen as more realistic because it acknowledges the complexity and changing nature of workplace environments. It recognizes that new hazards can emerge, and safety measures need continuous updates. It acknowledges that safety is a spectrum and that any improvement, no matter how small, contributes to making the workplace better than it was before. Making workplaces safe encourages proactive risk management, regular training, and the adoption of new safety technologies and practices. It fosters a culture of health and safety where everyone takes part in identifying and mitigating risks, ensuring that health and safety improvements are part of an ongoing dialogue and action plan that brings every worker home safe and healthy.

And that is how we look forward. Focused on enhancing our services, expanding our reach, and relentlessly pursuing the goal of making workplaces safe. Period.



Lydia Renton WSN Board Chair



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Mike Parent WSN President and Chief Executive Officer

Statistical Overview and Industry Trends



Workplace Health and Safety Snapshot for Ontario Forestry, Paper, Printing, and Converting Sector in 2023





Workplace Health and Safety Snapshot for Ontario Mining Sector in 2023



Exposures and Events

Transportation

Contact with objects

or equipment

Bodily reaction and exertion



The Year in Numbers: Ontario Forest Products and Mining Sectors

Making connections: sharing knowledge and resources

	2021	2022	2023
Client consultations	751	889	794
Total consulting hours	5,709	4,315	4,278
Participant training days - Health and Safety Services	6,803	8,782	9,039
Participant training days - Mine Rescue	5,546	7,304	8,162
Information products distributed	1,351,797	2,038,369	1,187,935
WSN Member lost-time injury rate	1.31	1.24	0.92
WSN Member total injury rate	4.32	4.29	3.78



Forest Products Sector Statistics

	2021	2022	2023
Forestry			
Full-time equivalent workers	22,704	26,884	23,735
Lost-time injury rate	2.47	2.1	1.77
Total injury rate	7.08	6.47	5.89
Paper, Printing, and Converting			
FTE workers	46,689	42,943	45,845
LTI rate	0.79	0.70	0.61
TI rate	2.58	2.24	2.14



Mining Sector Statistics

	2021	2022	2023
FTE workers	24,971	23,894	26,391
LTI rate	1.25	1.25	0.70
TI rate	5.07	5.51	4.53

Source: Workplace Safety and Insurance Board Enterprise Information Warehouse

Lost-time injury (LTI) and total injury (TI) frequency rates are a ratio of the injuries reported per 100 full-time equivalent employees (FTE) for the injury year specified.

Note: WSIB changed sector category definitions from rate groups to the North American Industry Classification System (NAICS) in 2020.

Achievement Highlights





794 Client consultations 4,278 Total consultation hours 9,039 Participant training days - Prevention Services

8,162 Participant training days - Mine Rescue

6

Industry Advisory Committees

54

Firms participating in the Health and Safety Excellence program

387

Firms participating in the Safe Workplace Ontario program

1,187,935

Information products and resources distributed via newsletter, email, website, and YouTube videos







Risk Management Awards program

Ontario mining company receives recognition for managing top risks in their sector

- Congratulations to Lake Shore Gold Timmins West Mine (owned by Pan American Silver)!
- Use of evidence-based research to focus on the most effective ways to protect workers
- Follow control activities designed to minimize risk and keep workers healthy and safe from the top mining sector risk targets pedestrian and mobile equipment interaction

In 2024-2025, the WSN awards program transitions to a workplace culture maturity format.

New Workplace Culture Maturity Awards program

Companies with strong safety cultures are statistically safer

WSN created a new recognition program in 2024 for Ontario mining and forest products companies.

In 2017, the Institute for Work and Health validated the WSN Climate Assessment and Audit Tool (CAAT) and found that companies with strong safety cultures had fewer cases of injured worker compensation claims.

Now firms have the opportunity to use this tool and qualify for an award from Workplace Safety North.

Read more





Consulting Initiatives

WSN had 794 <u>client consultations</u> and 4,278 consultation hours throughout the year to assist firms with the following services:

- WSIB Health and Safety Excellence program
- Auditing
- Common core skills
 assessment and coaching
- Custom training
- Emergency preparedness and response audits
- Ground control audits and assessments
- Industrial hygiene assistance: dust, noise, designated substances, hazard products, etc.
- Leadership development
- Psychological health and safety

- Safe Work Ontario
- Occupational exposure monitoring programs
- Occupational health and safety program development and improvement
- Risk management and root cause analysis
- Signing authority audit coaching
- Site risk assessments
- Workplace culture assessments (CAAT) and improvement action plans
- Workplace violence risk assessments and programs

Empowering businesses: WSN launches new upgraded website

Streamlined navigation and enhanced features simplify user experience

- Clean, modern look with diverse imagery is mobile-friendly to ensure seamless navigation
- All users who book training or plan to attend an event can create a new account to take advantage of enhanced features
- Self-service account management, autofill options, and bundled course recommendations enhance user experience
- Simplified navigation and quick links

Read more





Prevention Office and Evidence-based Initiatives



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Industry risk assessments and analyses

WSN has embraced the evidence-based approach since its introduction to the Ontario occupational health and safety system.

With the participation of industry experts representing both workers and management, the workshops help identify the highest risks in a specific sector, and their root causes.

In 2023-2024, six research projects were conducted for the following industries:

- 1. Underground mining risk assessment
- 2. Root cause analysis of collisions in underground mines
- 3. Logging root cause analysis on top causes of driving hazards
- 4. Silviculture root cause analyses
 - Environmental risks
 - Passenger vehicle hazards
- 5. Paper products risk assessment

The workshop results provide a strong basis for assessing industry needs and help determine training and resource opportunities to make workplaces safer.

Psychological Health and Safety Project

In its final year now, funding for the three-year workplace mental health (MH) project was used to develop and deliver in-person and online training programs for mining and forestry operations, including an online portal where workers and employers can access mental health tools and resources 24-7, as well as free resources and awareness sessions for small businesses.

Accomplishments over three-year project period

- Six courses added to catalogue
- 7 new collaborative partnerships
- 190 Training sessions
- 102 Unique clients consulted
- 147 Workplace mental health consultations
- 1,781 materials distributed
- 2,901 participants in training sessions
- 6,775 participant training hours







619

Mental health materials distributed

1,152

Mental health training participants

86%

Felt comfortable discussing mental health in the workplace

92%

Increased their prevention knowledge

90%

Changed their practice or behaviour

26

Firms consulted regarding workplace mental health

73

Mental health training sessions

4

New workplace mental health materials developed

393

YouTube views of WSN mental health safety talks and webinars







Help for small businesses

103

New small business occupational health and safety materials developed

10

Educational webinars on prevention

12,293

Small business participant training hours

1,570

Small business consultation hours

199

Small businesses receiving consultation

Health and Safety Excellence program

Workplace Safety North is an approved provider of the Workplace Safety and Insurance Board (WSIB) <u>Health and</u> <u>Safety Excellence program</u>.

Through the Excellence program, WSN helps small businesses develop health and safety program material to meet WSIB program requirements and achieve a successful evaluation.

Successful firms not only improve workplace safety but also receive a financial reward in the form of a WSIB premium rebate.

\$744,376

WSIB 2023 Excellence program rebate for 55 WSN-sponsored firms that advanced their health and safety programs



Education Programs and Information Resources



Programs developed because of research

Throughout 2023-2024, WSN developed and enhanced course materials and audit tools that support the results of risk-based workshops.

- <u>The Competent Supervisor Refresher training course</u> was developed from recommendations from the corrugating industry risk assessment and root cause analysis in 2022.
- Lockout-tagout (LOTO) Dedicated audits with health and safety specialist guidance address hazard recognition, risk assessment, LOTO program scope, processes, control effectiveness, training competency, contractor management, and continuous improvement.

WSN continues to build leading-edge resource and training material using an evidence-based approach, focused on leading indicators to ensure the best results for injury prevention.

New hybrid safety training for Ontario companies

New hybrid training lets participants learn in two ways: in person or online. This means they can join a class from anywhere in the province and get live guidance from safety experts.

Special technology, including a sound-activated camera that tracks the instructor's voice as they teach in the classroom, along with questions from the class, ensures virtual participants feel like they are in the classroom with everyone else.

Read more







New training initiatives

New courses on mental health awareness: Learners can now attend training to better understand workplace mental health. Topics include stamping out stigma, engaging in meaningful conversations, as well as young workers and mental health. There's also a special course for leaders, and a train-the-trainer program for those who would like to teach the courses.

New Competent Supervisor Refresher training as requested by member firms

Updated training options, courses, and videos

- More French-language options for JHSC certification, plus new hybrid training options for Francophone learners across Ontario.
- **Updated propane safety training** approved by the Technical Standards Safety Authority.
- Developed and updated Working at Heights and Working at Heights Refresher training suite to meet new Chief Prevention Office program standard requirements.
- Review and update of mining common core suite for front-line supervisors with significant changes to many modules; new hybrid delivery option to expand outreach across Ontario; continued adherence to modular training program standard.
- **Updated training videos** in English and French for JHSC certification programs.

View training catalogue







New resource information

- <u>Resources on electric vehicle hazards</u> in mining and other industries, developed in collaboration with health and safety partners
- Health and Safety Excellence program guides for quarterly regional meetings; provide program members with tools, resources, and guidance
- Hazard alerts: cyanide, power tool batteries
- <u>Unusual occurrence report for groundfall or rockburst</u> reference guide plus fillable PDF
- <u>Safe storage, transportation, and handling of</u> <u>explosives</u> - guideline
- Mining industry signing authority audit resources



New resource information

- <u>**Risk management tools:**</u> information sheet, overview of law, best practices, and fillable PDF gap assessment tool
- <u>**Top sector risks and root causes:</u>** Latest industry research includes new workshop results and posters show for the following sectors:</u>
 - Surface diamond drilling
 - Underground Mines
 - Logging Operations
 - Silviculture (tree planting)
- <u>Top occupational disease risk posters</u> for mining, forestry, and pulp and paper sectors







MENU NEWS FEATURES PRODUCTS OPINIONS WEBINARS BUYERS GUIDE AWARDS - MAGA

Posters show top occupational disease risks in forestry, mining, and pulp and paper sectors

Checember 14, 2023

By OHS Canada

Health & Safety



Raising awareness about important health and safety information

203

New occupational health and safety materials developed

1,187,935

Occupational health and safety materials distributed via email, newsletter, video, social media, and media

126

Earned media stories promoting safer workplaces



211,333 Website sessions 537,078 Total page views 50,018 Downloads 3,127

18,666

Top landing page: "How to manage heat stress in the workplace"



1,567 Participants attending 14 online and in-person events

17,163

Combined social media audience on LinkedIn, Twitter, YouTube, Facebook, and Instagram

71,329

YouTube video views

30 New videos

5,812 Total YouTube watch time hours




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Battery electric vehicle safety in mines

Assessing risks and managing hazards of newer technology

On February 15, 2024, Workplace Safety North and Cambrian College hosted a hybrid mining safety event on battery electric vehicles. For the first time, WSN offered the popular event at a larger venue to accommodate industry demand.

Symposium topics

- Industry case studies
- Hazard management
- Equipment manufacturing
- Training and risk assessment
- On-site tour of Cambrian College Electric Vehicle Research Lab

Learn more

Mining health and safety conference

From April 18 to 20, 2023, WSN hosted the 25th annual conference in Sudbury and through global video livestream.

The event gives professionals the opportunity to network and learn about the latest advancements in mining health and safety.

The theme, "Evolution of mining safety: Past reflections and future innovations," was a celebration of 25 years of helping make mining workplaces safer.

Key areas of focus

- High-risk hazards specific to underground work
- Workplace well-being and mental health
- Safety culture and management systems
- Research and innovation
- Emergency preparedness and mine rescue

Read more



Ontario Mine Rescue





916 Ontario Mine Rescue volunteer responders

> 65,296 Participant training hours

> > 946

Mine rescue training sessions

512,631

Kilometres travelled to deliver legislated program

5,874

Hours spent training under oxygen

Ontario Mine Rescue is responsible for a staff of District Mine Rescue Officers, a province-wide inventory of mine rescue response equipment, and the assurance of emergency response capability at all operating mines.

Mine Emergency Incidents

23 Mine rescue operations conducted

1,276 Mine workers forced to take refuge





Ontario Mine Rescue 2023 provincial competition winning team is Lake Shore Gold Timmins West-Bell Creek Mines, from left to right (back row): Serge Roy, Blade Cashmore, Brandon Duhan, Shane Sullivan, Mike Bennett; (front row): Natalie Lafontaine, Terry Roy, and Adam Weagle.

Mine rescue skills put to the test at annual competition

From June 13 to 16, 2023, Ontario Mine Rescue hosted the provincial competition at the Canadian Gypsum Company (CGC) Hagersville Mine. The winners were announced at a banquet on the final evening.

Read more



Ontario Partners in Prevention

WSN regularly works with Ontario health and safety system partners to share information and resources and offer expertise. Many industry and academic partnerships are also formed from ongoing risk-based research and measurement of outcomes.

Cambrian College

Centre of Research Expertise for the Prevention of Musculoskeletal Disorders Centre for Research Expertise in Occupational Disease

Centre for Research in Occupational Safety and Health

Infrastructure Health and Safety Association

Institute for Work and Health

Lakehead University

Laurentian University

NORCAT

Occupational Cancer Research Centre Occupational Health Clinics for Ontario Workers

Ontario Forest Industries Association

Ontario Ministry of Labour, Immigration, Training and Skills Development

Public Services Health and Safety Association

Sustainable Forestry Initiative WSN Advisory Committees and Member Firms

Workers Health and Safety Centre

Workplace Safety and Prevention Services

Workplace Safety and Insurance Board



Governance and Industry Advisors



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April 2023-March 2024 Industry Advisory Committees Helping make Ontario workplaces safer

WSN Advisory Committees are made of up industry volunteers who meet quarterly to discuss industry issues and provide guidance on WSN programming and resource material.

Board and committee volunteers help WSN fulfill its safety mandate and maintain closeness and familiarity with the dayto-day realities of Ontario resource industries.

Companies participate in WSN-sponsored research, planning, and events – all of which have helped to build solid working relationships with industry.

This collaborative approach helps increase awareness, knowledge, and consistency with regards to the occupational health and safety needs of Ontario workplaces.



Board of Directors

Thank you to the WSN Board of Directors for helping ensure accountability, transparency, and excellence in all that Workplace Safety North does.

Lydia Renton (Chair) Director – Corporate Occupational Hygiene and Safety BluMetric Environmental , Ottawa

Derek Budge (Vice Chair) Health, Safety and Environment Director The Redpath Group, North Bay

Jason Bubba Chief Operating Officer NORCAT, Sudbury

Louise Caicco Tett President Health and Safety Professionals, Sault Ste. Marie

Marilyn Findlay Health and Safety Manager Dryden Fibre Canada, Dryden

Michele Gilbert Learning and Development Manager, North Atlantic Operations Vale, Sudbury Marshall Greensides Plant Manager MAX Solutions, Pickering

Eric Haapamaki Vide President, Business and Product Development The EPCM Group, Oakville

Sandra Haddad President JDB Haddad Legal Services, Sudbury

David Kelly Underground Heavy Equipment Mechanic and Mine Rescue Volunteer Compass Minerals, Goderich

Chris Price HSE Director, North America; Minerals and Metals AtkinsRéalis, Sudbury

Andrew Tempelman Process Technician, Technical Services Resolute Forest Products, Thunder Bay



Forest Products Advisory Committee

Jesse Kydd (Chair) Senior Environment, Health and Safety Specialist GreenFirst Forest Products, Cochrane

Stewart Taylor (Vice Chair) Health and Safety Manager Graphic Packaging International, Cobourg

Norm Antonio

Machine Operator - Lead Hand Atlantic Packaging, Brampton

Scotia Biloski

Forestry Advisor - Metis Nation of Ontario/Lands, Resources and Consultations Branch, Thunder Bay

Beckie Gallardi

Vice President, Human Resources GreenFirst Forest Products, North Bay

Jenanne Graham

Health and Safety Environment Manager Jones Healthcare Group, London

Dana Greenly

Health and Safety Director Atlantic Packaging, Scarborough

Robin McCullough

Occupational Health and Safety Coordinator Brinkman Reforestation, British Columbia and Ontario

Victor McKee Safety Superintendent Resolute Forest Products, Thunder Bay

Christina Merrett Environmental, Health and Safety Coordinator Interfor, Timmins

Troy Rosborough Health and Safety Environment Manager Jones Healthcare Group, London

Provincial Forestry Tripartite Committee

WSN also participates in an industry-led Provincial Forestry Tripartite Committee which plays an integral role in the development of government modular training programs.



Mining Advisory Committee

Michael Ferguson (Chair) Engineering Manager - Capital Equipment Boart Longyear, North Bay

Steve Wrixon (Vice Chair) General Manager Health and Safety Cementation Canada, North Bay

Chris Bamberger Safety and Training Supervisor – Fielding Office Technica Mining, Sudbury

Aaron Duckworth Certified Worker Representative Compass Minerals, Goderich

Don Langlois Manager Health, North Atlantic Operations Vale, Sudbury

Louise Lowe Executive Director Canadian Diamond Drillers Association, North Bay

Robert McVeigh Technical Service Manager Compass Minerals, Goderich **Tyler Neeley** Health, Safety and Training Lead - Projects Dumas, Timmins

Tom Rannelli Business Development Officer, North American Underground Operations Major Drilling, Val Caron

Julia Salvalaggio Regional Human Resources Manager MacLean Engineering and Marketing, Sudbury

Darren Toner Manager of Health, Safety, Environment and Risk Vale, Sudbury

The WSN Mining Advisory Committee also oversees three Technical Advisory Committees (TACs) made up of volunteers from the mining industry: ground control, mobile equipment, and workplace environment. Thank you to the many volunteers and your sponsoring organizations – your contributions are critical to advancing health and safety.



Ontario Mine Rescue Technical Advisory Committee

Iain McKillip (Chair) Glencore Kidd Operations Timmins District Industry Representative

Andre Lefebvre (Vice Chair) Glencore, Sudbury INO, Fraser Mine Active Mine Rescue Volunteers' Representative

Brad Bastien

Glencore Sudbury INO, Fraser Mine Onaping District Industry Representative

Shaun Carter

Ministry of Labour, Immigration, Training and Skills Development Government MLITSD Representative

Dennis Hogan

Compass Minerals, Goderich Mine Southern District Industry Representative

Norm Ladouceur/Justin Arseneau

Kirkland Lake District Industry Representative Agnico Eagle Detour and Macassa Mines

Denis Leduc

Argonaut Gold - Magino Project Algoma District Industry Representative

Greg MacMillan

Vale Canada, Creighton Mine Sudbury District Industry Representative

Jamie Mortson McIntyre and Associates Ontario Mine Contractors Safety Association Industry Representative

Gord Paddock Thunder Bay District Industry Representative Impala Canada, Lac des Iles Mine

Jason St. Onge Evolution Mining, Red Lake Operations Red Lake District Industry Representative

Shawn Rideout Chief Mine Rescue Officer Workplace Safety North

Jason Leger Ontario Mine Rescue Officer Representative Workplace Safety North

Gorden Sulliven Ontario Mine Rescue Technical Standards Officer Workplace Safety North

Staff Highlights-



WSN Director recognized as one of the top safety leaders in Canada

On May 4, 2023, Canadian Occupational Safety magazine announced Cindy Schiewek, Director of Health and Safety Services at Workplace Safety North (WSN), was named one of the top female safety leaders in Canada.

Schiewek helped develop a new tool that measures workplace safety culture and was awarded for her efforts. She is a Canadian Registered Safety Professional, a certified psychological health and safety advisor, and is completing her master's in business administration.

Read more

SUDBURY STAR

News / Local News

Workplace Safety North director one of Canada's top women in safety

Cindy Schiewek helps develop a new tool that measures workplace safety culture and stresses physical and psychological safety

Star Staff

Published May 09, 2023 • Last updated May 10, 2023 • 2 minute read

Join the conversation



Cindy Schiewek, director of health and safety services at Workplace Safety North, has been recognized by Canadian Occupational Safety magazine as one of the top female safety leaders in Canada.





Staff Service Loyalty Milestones

5 Years

Scott Gillett Adrienne Allam Ted Greenwood Matthew VandenHeuvel

10 Years

Ken Chan Meg Parker Doug Rogers Penny Pagan

15 Years Duane Crosswell

20 Years

James Johnstone Becky Stockermans

25 Years Jerry Traer

Retirements

Paul Andre Gilles Boisvert James Johnstone



Employer-supported volunteer hours in 2023

WSN employees are encouraged to volunteer their time and energy to community causes that are important to them. WSN offers one paid volunteer day per calendar year. In 2023, WSN staff contributed 269 employer-supported hours towards community causes important to them.



In December 2023, WSN staff members volunteered to wrap gifts at the local mall to raise money for Big Brothers Big Sisters.

Mental Health at Work

In 2024, WSN received the Canada Award for Excellence Platinum Certification in Mental Health at Work.

Excellence Canada's framework aligns with the requirements of the National Standard of Canada for Psychological Health and Safety in the Workplace.

The standard helps ensure success through a focus on policies, practices, and programs to achieve measurable results and create a healthier and more productive environment.

CANADA AWARDS FOR EXCELLENCE PRIX CANADA POUR L'EXCELLENCE

Strategic Directions



The strategic plan builds on WSN strengths in three intersecting themes for impact: sector focus, system collaboration, and digital optimization.

View Workplace Safety North Strategic Plan



Sector Focus

System Collaboration

Digital Optimization



workplacesafetynorth.ca