Occupational Health and Safety Branch Construction Health and Safety Program



# Report for the Labour-Management Network November 2022

#### **Monthly Statistics**

Reporting Month	Fatalities	Critical Injuries	Total
September 1 – 30, 2022	0	35	35
September 1 – 30, 2021	1	32	33

#### Fatality & Critical Injury Year-to-Date Overview - Construction

Reporting Months	<b>Fatalities</b>	Critical Injuries	Total
2022 Jan. 1 – Sept. 30	12	283	295
2021 Jan. 1 – Sept. 30	15	280	295

Helping you achieve compliance on construction projects and window cleaning operations

General requirements Access to and egress from a work area Excavations

Fall protection and roofing Equipment Electrical hazards Hygiene

Forms, formwork, falsework and re-shoring

Housekeeping, fire protection, public way protection, traffic control, and hot tar or bitumen tankers or kettles

Asbestos on construction projects <u>Diving operations</u> <u>Window cleaning operations</u>

**Disclaimer:** This information has been prepared to assist workplace parties in understanding their rights and duties under the Occupational Health and Safety Act (OHSA) and its regulations. This information does not constitute legal advice. To determine your rights and duties under the OHSA, please contact your legal counsel or refer to the legislation.

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#### Section 2 - What's New

#### **Preventing Occupational Disease**

October is Healthy Workplace Month in Canada. The ministry, along with our health and safety partners, will be focusing on preventing occupational diseases in different sectors from October to December. The <u>Healthy Workers in a Healthy Workplace – occupational disease</u> initiative will roll out in two phases:

- Phase 1: Compliance support and awareness campaign, October 3 December 30, 2022
- Phase 2: Focused inspections campaign, October 31 December 30, 2022

The focus of the initiative in each sector will be:

- Construction: asbestos reporting and compliance with the Asbestos Worker Registry
- Health care: occupational dermatitis
- Industrial: silica exposures
- Mining: diesel exhaust in underground mines
- Radiation: ionizing radiation all sectors

For more information see the <u>compliance plan</u> for your sector.

# Post-Inspection Survey to Improve Health and Safety Programs and Services

The ministry's Occupational Health and Safety Branch is measuring the impact of our work to ensure our programs and services are as effective and efficient as possible. To best identify what's working and how to improve, we need to hear directly from workers and employers that have had interactions with our occupational health and safety inspectors.

As part of their field visits, our health and safety inspectors may ask for an email address from the main employer and worker contact(s). This will be used to send one or two surveys about how our work has influenced employers' and workers':

- knowledge of occupational health and safety laws, hazards and controls
- health and safety practices
- workplace safety culture

It is not mandatory to provide an email address, and all contact information collected as part of this initiative will be used only for survey distribution. Survey answers will remain anonymous. We encourage you to share your contact information and your feedback to

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help us improve our programs and services to better fit the needs of Ontario's workplaces.

#### **Ontario Launches Skilled Trades Career Fairs for Students**

The Ontario government is working for workers by launching career fairs this fall to prepare the next generation of young people for rewarding and well-paying jobs in the skilled trades. These fairs address labour shortages in high-demand sectors and help deliver the province's ambitious infrastructure plans, including building 1.5 million homes by 2031.

Learn more

#### Ontario Investing in Construction Sector to Combat Labour Shortage

The Ontario government is working for workers by investing \$3.7 million to help up to 2,500 workers start or advance in well-paying careers in the construction industry. This decade, Ontario will need 100,000 more construction workers to help deliver the province's ambitious infrastructure plans, including 1.5 million homes by 2031. Learn more

#### Now Accepting Proposals for Pre-Apprenticeship Training Program

The <u>Pre-Apprenticeship Training Program</u> helps potential entrants to the apprenticeship system develop their job skills and trade readiness so that they will be prepared to find work as apprentices. Applications for the 2022–23 pre-apprenticeship Call for Proposals are open October 19 to November 21, 2022.

Apply though the Employment Ontario Partners' Gateway

### Ontario's Electronic Monitoring Law is in Effect

As of October 11, employers with 25 or more workers are now required to disclose if, how and why they are monitoring their employees electronically. With the passage of the Working for Workers Act 2 on April 7, 2022, Ontario became the first province to require electronic monitoring policies and protect workers' privacy whether they are in the office, at home or at the job site.

Learn more

For more what's **new** – Ministry of Labour articles, see: What's New!

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#### **Section 3 - Court Bulletins**

Workplace Injury Results in \$90,000 Fine for Grocery Store Chain

Convicted: Farm Boy Company Inc., 115 King St., Stellarton, Nova Scotia

Location of Workplace: 1887 St. Joseph Blvd., Orleans, Ontario

**Description of Offence**: Two workers employed by Farm Boy Company Inc. were dismantling a walk-in cooler at a warehouse facility in the Ottawa area. One of the workers used a scissor lift elevated work platform to step on the roof of the cooler to unscrew metal plates attached to the roof panels. The roof collapsed, causing the worker, who was not wearing fall protection, to fall over 10 feet to the concrete floor below. The worker sustained injuries as a result. Farm Boy Company Inc. failed to provide information and/or instruction and/or supervision with respect to the safe dismantling and/ or demolition of a walk-in cooler, contrary to section 25(2)(a) of the *Occupational Health and Safety Act*.

Date of Offence: June 1, 2021

**Date of Conviction:** September 22, 2022

#### **Penalty Imposed:**

- Following a guilty plea in the Ontario Court of Justice, East Region, Farm Boy Company Inc. was fined \$90,000 by Justice of the Peace Anne M. Colterman, Crown Counsel, Alessandra Hollands.
- The court also imposed a 25 per cent victim fine surcharge as required by the *Provincial Offences Act*. The surcharge is credited to a special provincial government fund to assist victims of crime.

#### **Background:**

• On June 1, 2021, two workers were dismantling a walk-in cooler.

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- One of the workers, who was not wearing fall protection, used a scissor lift elevated work platform to step on the top of the freezer to unscrew metal plates attached to the roofing panels.
- The roof collapsed, injuring the worker when they fell over 10 feet to the concrete floor below.
- Although the employer had a written fall protection policy and provided workers with fall protection equipment and the worker had received general working at heights training, the employer did not provide them with sitespecific working at heights training. Further, no information or instruction was provided to the worker with respect to how to safely dismantle the cooler.
- Farm Boy Company Inc. failed to provide information and/ or instruction and/or supervision with respect to the safe dismantling and/ or demolition of a walk-in cooler, contrary to section 25(2)(a) of the *Occupational Health and Safety Act*.

Court Bulletins can be found here: <a href="https://news.ontario.ca/en">https://news.ontario.ca/en</a>

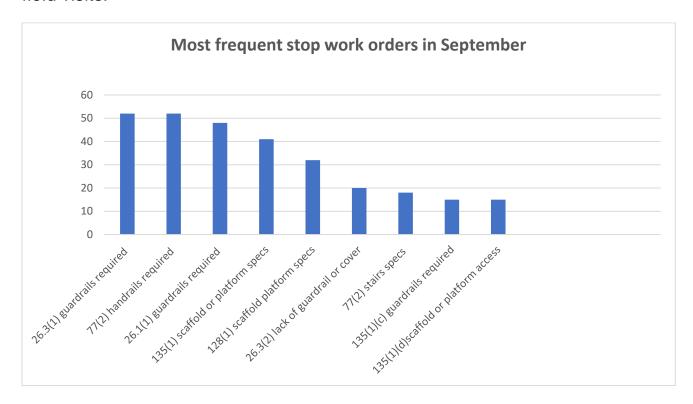
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#### **Section 4 – Enforcement Trends – September 2022**

MLITSD Construction Inspectors responded to 483 **events**\* throughout the province during the month of September 2022. 3,554 **events** have been reported to the construction program of the MLITSD between Jan. 1, 2022, and September 30, 2022.

Inspectors issued **468 Stop Work Orders\*\* in September.** Of those, 321 were issued during a pro-active inspection and 147 were issued during an investigation stemming from an event. Since January 2022 and up to September 30<sup>th</sup>, **4,003** stop-work orders have been issued during **18,313** field visits.



<sup>\*</sup>Events consist of complaints, work refusals, critical injury, fatality, an occurrence, or injury as prescribed

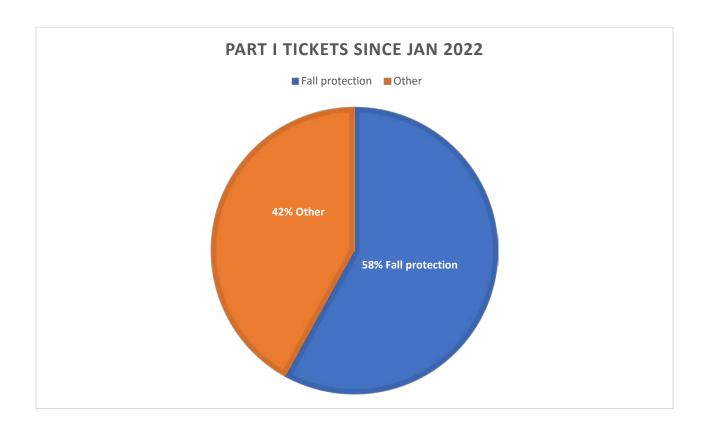
<sup>\*\*</sup>A stop work order is issued by an inspector where a hazardous condition to workers is presently observed

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**58** % of all Part 1 tickets issued by MLITSD Construction Inspectors were in relation to either a **lack**, **or inadequate use**, **of fall protection equipment**.

Since Jan. 1, 2012, to Sept. 30, 2022, 58 % of all Part 1 Tickets issued by construction inspectors have been for these same fall hazard related contraventions.



<sup>\*\*</sup>Other contraventions where Part 1 Tickets were issued include all other requirements within O. Reg 213/91\*\*

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#### **Section 5 - Critical Injuries**

Year-to-Date Overview and Comparison - Construction Sector

Injury Type	2022 September	2022 January 1 – September 30
Critical	35	283

Injury Type	2021 September	2021 January 1 – September 30
Critical	32	280

NOTE: These figures represent preliminary data and are not to be considered official statistics from the Ministry of Labour, Immigration, Training and Skills Development. Official statistics will be issued quarterly by the Program Analysis, Evaluation and Outcomes Unit of the Occupational Health and Safety Branch of the Ministry of Labour, Immigration, Training and Skills Development. Data are subject to change due to updates in the enforcement database. Only events reported to the ministry are included here. Except for fatalities, event categories in the ministry's data set are based on what was assigned at the time of the initial report to the ministry. The reported event category may not represent what occurred at the workplace

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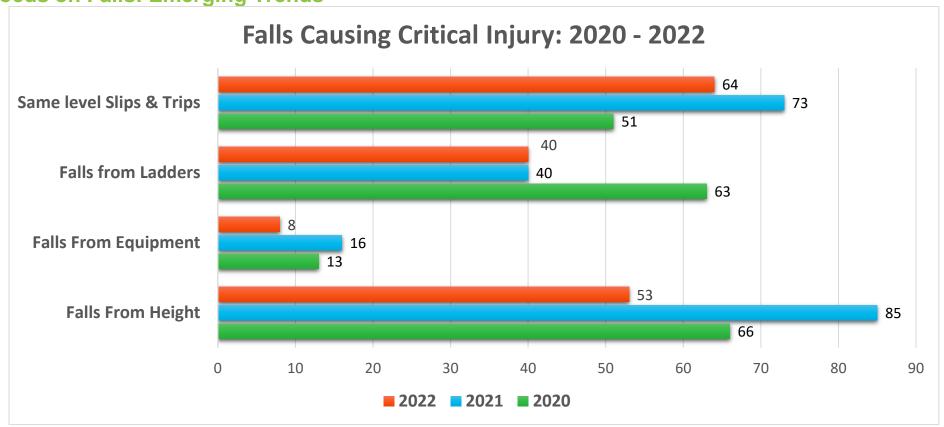
Total Year-to-Date (Sept. 30th) Critical Injuries 2022: 283

JAN TO SEPT 2022																								
CRITICALS	RESS	INST	RESM	INDU	ROAD	EXCA	COMM	NECC	RAIL	POWP	ETTL	HYDR	SEWW	BRID	TUNN	TELE	WIND	MARE	PAVE	GAS	MINP	PIPE	CAIS	TOTAL
Falls from Heights	27	5	6	4	0	0	6	1	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	53
Falls From Equipment	1	0	1	1	0	0	2	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	8
Falls from Ladders	16	2	13	1	0	1	3	0	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0	40
Same level slips and trips	9	3	15	12	3	0	5	1	0	1	2	2	2	2	0	2	0	1	2	1	0	0	1	64
Struck by equipment	5	0	4	1	2	3	6	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	24
Struck by material	9	2	13	3	3	2	7	0	1	0	0	0	2	0	0	0	0	1	1	0	0	1	0	45
collapse of structure	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Electrical Contact	1	0	2	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	6
Excavation Collapse	1	0	0	0	2	0	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	7
Other, including multiple																								
factors, i.e. fall resulting																								
from scaffold being struck																								
by equipment.	4	6	5	6	0	0	2	2	2	0	1	0	0	0	0	0	0	0	0	2	1	0	0	31
TOTAL	77	18	59	29	10	6	33	4	5	1	6	7	10	3	0	2	2	2	3	3	1	1	1	283

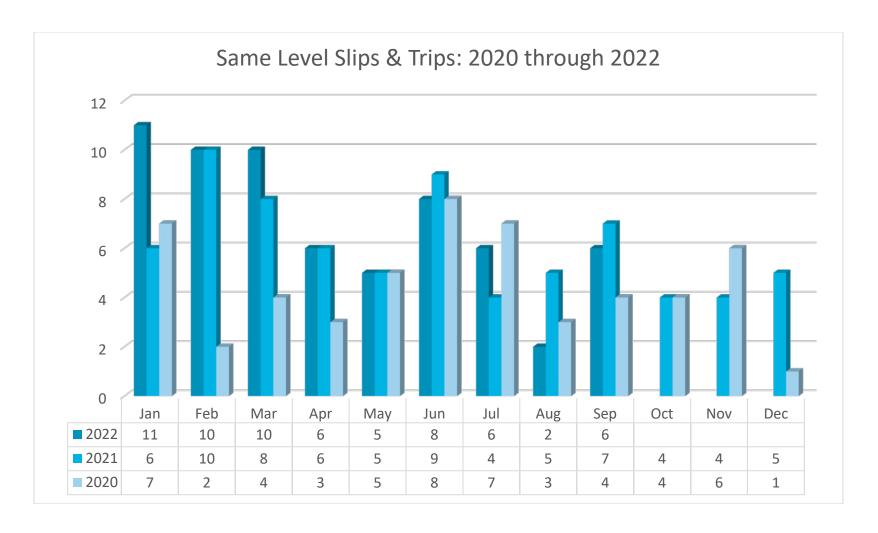
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A Focus on Falls: Emerging Trends







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Critical Injuries Total for September 2022: 35

		Total for Septe					
	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
1	1-Sep-22	Oshawa	SEWW	Worker		A worker's leg was injured when excavation material gave way and travelled through the end of the trench box and pinned the workers leg against a pipe breaking their leg.	STRUCK BY
2	1-Sep-22	Etobicoke	INDU	Worker		Worker sustained fracture to lower left leg while sliding down the excavation wall (no means of access or egress used).	FALL
3	2-Sep-22	Ottawa	RAIL	Worker		Worker hit by vehicle while flagging eastbound traffic on Woodbridge; very bright sun interfered with driver's vision.	STRUCK BY
4	6-Sep-22	Toronto	RESM	Worker		Worker was walking across forming deck and slipped: suffered leg fractures.	FALL



	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
5	6-Sep-22	Sault Ste. Marie	INST	Worker		Worker dismantling scaffolding 7' high walked off a plank, resulting in a fractured wrist and pelvis	FALL
6	7-Sep-22	Ottawa	INST	Worker		Worker lost consciousness due to heat stress and dehydration.	OTHE
7	7-Sep-22	Tiverton	INDU	Worker		A worker's foot got caught on a bench causing him to lose balance and fall resulting in a fractured right elbow	FALL
8	12-Sep-22	Toronto	RESM	Worker		A worker fell to the ground from a scaffold while removing a 2x4 resulting in a broken knee.	FALL
9	13-Sep-22	Etobicoke	RESM	Worker		A worker's foot was caught on a section of rebar while walking causing them to fall resulting	FALL



	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
						in a broken bone in their left hand.	
10	15-Sep-22	Ottawa	RESM	Worker		Worker was setting up traffic cones when they were struck by a vehicle, resulting in a broken left leg and possible broken ankle	STRUCK BY
11	15-Sep-22	Thunder bay	PAVE	Worker		Worker was running across road, tripped and fell, breaking his right elbow.	FALL
12	15-Sep-22	Jerseyville	RESM	Worker		A worker's hand was injured while hooking up a strap to a backhoe.	STRUCK BY
13	15-Sep-22	Brantford	СОММ	Worker		Worker fell over a guardrail, and through a suspended ceiling a height of approximately 8ft. He broke his right patella.	FALL
14	16-Sep-22	Honey Harbour	NECC	Worker		Worker (delivery truck driver) jumped on the back of a skid-steer; broke his left ankle and leg;	OTHE



	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
						resulted in an amputated left foot.	
15	19-Sep-22	Toronto	RESM	Worker		Worker fell from an unsecured ladder landing on their shoulder and neck, resulting in spinal fracture and broken vertebrae.	FALL
16	19-Sep-22	Waterloo	RESM	Worker		A masonry worker descending a step ladder fell a distance of 6 ft resulting in right leg fracture	FALL
17	21-Sep-22	Scarborough	RESS	Worker		A worker fell while standing on an unsecured ladder looking into the attic resulting in a fractured right ankle.	FALL
18	21-Sep-22	Windsor	RESM	Worker		Worker was cleaning gutters when they moved a piece of awning and struck a power line resulting in an electric shock.	ELECTRIC CONTACT
19	22-Sep-22	Vaughan	СОММ	Worker		Worker was working at height of approximately 27 feet on a steel building, wearing a	FALL



	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
						safety harness and was on top of beam transferring from one connecting point to another fell to the ground resulting in a critical injury.	
20	22-Sep-22	Elliot Lake	GAS	Worker		The bucket of an excavator caught the edge of a wooden access mat causing it to break; a rock that was on the mat was projected through the windshield of the excavator striking the operator's left leg, resulting in a fracture.	OTHE
21	23-Sep-22	Baltimore	RESS	Worker		Worker was lifting plywood off of stairwell covering, stepped forward and fell approximately 9 ft into the basement resulting in broken two fingers on the left hand, bruised tailbone, and a concussion.	FALL



	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
22	24-Sep-22	Porcupine	INDU	Worker		Worker was holding a pipe when another worker drove a loader over it. The pipe projected and hit the left leg of worker causing a fracture to the tibia.	STRUCK BY
23	25-Sep-22	Culross	HYDR	Worker		Hydro worker in a lifted bucket was working on pole, he lost control of copper lead which fell on energized circuit below. Worker got electrocuted with burns in his hands and loss of consciousness.	ELECTRIC CONTACT
24	27-Sep-22	Picton	GAS	Worker		A worker's foot was critically injured when fence sections they were unloading from the back of a truck fell and landed on their foot	OTHE
25	27-Sep-22	Markstay- Warren	Brid	Worker		Worker slipped and fell when their pry bar slipped causing the worker to fall resulting in a	FALL



	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
						fractured right leg (fibula).	
26	27-Sep-22	Kaministiquia	HYDR	Worker		Worker slipped and fractured their right tibia while on a stator frame.	FALL
27	28-Sep-22	Hamilton	RESS	Worker		A worker fell approximately 15 feet from a ladder while installing stucco on the second floor of a house resulting in a broken arm and broken bones in their face, in addition to a concussion.	FALL
28	29-Sep-22	Toronto	RESM	Worker		A worker fell approximately 3 feet from a step ladder while fireproofing resulting in a broken right elbow.	FALL
29	30-Sep-22	Windsor	СОММ	Worker		A worker fell off a ladder while on the roof resulting in a fractured right wrist.	FALL
30	30-Sep-22	Streetsville	RESS	Worker		A worker fell approximately 30 feet off a scaffold	FALL



	Date of Incident	Municipality	Sector	Occupation	Age	Details (As reported to MLITSD)	Reported Cause
						resulting in a broken arm and severe injuries to the head and face as well as a loss of consciousness.	
31	30-Sep-22	Ottawa	RESM	Worker		A slab of concrete (2.5 tons) fell onto the worker leg which was fractured in addition to some injuries to worker's left arm.	STRUCK BY
32	30-Sep-22	London	RESS	Worker		A worker fell when the stairs they were on collapsed resulting in head and back injuries and possibly broken right ankle	STRUCT COLLAPSE
33	30-Sep-22	Aurora	SEWW	Worker		Worker fell into a 30 feet hole and suffered life threatening head injuries.	FALL
34	30-Sep-22	Barrie	RESS	Worker		A worker fell 10 to 12 feet while installing a metal roof resulting in a fracture to the pelvis.	FALL

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#### **Section 6 - Fatal Injuries**

Year-to-Date Overview and Comparison - Construction Sector

Injury Type	2022 September	2022 January 1 – September 30
Fatal	0	12

Injury Type	2021 September	2021 January 1 – September 30
Fatal	1	15

Monthly Summary Report – Fatal September 2022: 0

# Occupational Health and Safety Branch Construction Health and Safety Program



#### Total Year-to-Date (Sept. 30th) Fatal Injuries 2022: 12

TOTAL 2022 FATALS	RESS	RESM	INDU	ROAD	СОММ	NECC	RAIL	SEWW	TOTAL
Falls from Heights	1	1	1		1				4
Falls From Equipment				1					1
Falls from Ladders									
Same level slips and trips									
Struck by equipment			1			1	1		3
Struck by material									
collapse of structure									
Electrical Contact									
Excavation Collapse								2	2
Other, including multiple factors,									
i.e., fall resulting from scaffold									
being struck by equipment.	1				1				2
TOTAL	2	1	2	1	2	1	1	2	12



	Date of Incident	Municipality	Project Sector	Employer Sector (NAICS)	Occupation	Age	Details (As reported to MLITSD)
1	10-Jan-22	Staples	INDU	Industrial Building and Structure Construction (263210)	Labourer	27	Worker fell approx.  10m from roof of building under construction. Was not wearing fall protection.
2	27-Jan-22	Renfrew	RESS	Residential Building Construction (236110)	Concrete Finisher	71	Worker succumbed to carbon monoxide exposure while operating concrete cement power trowel in enclosed space
3	12-Feb-22	Clearview	NECC	General Freight Trucking, Long Distance, LTL (484122)	Driver / Operator	28	A worker was fatally injured when they were crushed by a dump truck that tipped over
4	6-Apr-22	London	RESS	Roofing contractors	Roofer	22	Worker fell from roof of three storey building. Worker was not wearing fall protection



5	19-Apr-22	Mississauga	СОММ	Industrial Building and Structure Construction (23610)	General Labourer	75	Worker succumbed to injuries due to a fall
6	25-May-22	Toronto	RAIL	Heavy and Civil Engineering Construction (237)	General Labourer	28	A worker was fatally struck by a concrete truck
7	1-June-22	Caledon (Peel Region)	INDU	Construction of buildings (236)	Employer/owner	63	A worker was run over by a rock truck
8	4-July-22	Haliburton	ROAD	Heavy and Civil Engineering Construction (237)	Grader operator	76	Worker was climbing into a grader, fell backwards onto their back.
9	8-Aug-22	Ajax	SEWW	Heavy and Civil Engineering Construction (237)	General Labourer	49	Worker fatally injured following a trench collapse at a construction project
10	8-Aug-22	Ajax	SEWW	Heavy and Civil Engineering Construction (237)	General Labourer	33	Worker fatally injured following a trench collapse at a construction project

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11	16-Aug-22	Waterdown	СОММ	All Other Specialty Trade Contractors (238)	Electrician	56	Electrician fell from approx. 20' to the ground.
12	19-Aug-22	Oshawa	RESM		Roofer	52	Worker fell from a roof and sustained fatal injuries.

All new entries (current month and reconciled data) appear in **bold**.

NOTE: Some detail will inevitably be missing from the PLMHSC Report. The document is intended to provide an initial overview, not a comprehensive report. Annual data reporting approved by the Director should be used by stakeholders if they wish to see all data available to the Ministry related to an event.

MLITSD Data: Occupational health and safety field visits, workplaces visited, and orders issued



SECTOR DESCRIPTION	SHORT DESC
Asbestos Removal - Type 1	ASB1
Asbestos Removal - Type 2	ASB2
Asbestos Removal - Type 3	ASB3
Bridge Construction	BRID
Cable	CABL
Caisson	CAIS
Cofferdam	COFF
Commercial Building Construction	COMM
Diving Construction	DCON
Diving Environmental	DENV
Diving Industrial	DIND
Diving Mining	DMIN
Electrical Towers & Transmission Lines	ETTL
Excavation	EXCA
Gas Service Connection	GAS
Excavation - Grading	GRAD
Hydro	HYDR
Industrial Building Construction	INDU
Institutional Building Construction	INST
Marine Construction	MARE
Mining Plant Construction	MINP
Moving of a Building/Structure	MOVE
NEC – Construction (NEC: not elsewhere captured)	NECC
NEC – Diving (NEC: not elsewhere captured)	NECD
Asphalt Paving	PAVE
Pipeline	PIPE
Hydroelectric Power Plants & Rel	POWP
Railway	RAIL
Apartment & Other Multiple Housing	RESM
Single Family Housing	RESS
Highway & Road Construction	ROAD
Sewer/Watermain Construction	SEWW
Shaft Construction	SHAF
Shipbuilding & Repair	SHIP
Subway	SUBW
Telephone	TELE
Trenching	TREN
Tunnel	TUNN



Well Drilling	WELL
Window Cleaning Services	WIND