



Office of  
Emergency  
Management

# 2022 Report



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## Foreword

Over the past several years, we have witnessed large-scale disasters occurring with increasing frequency across the globe. These disasters have included severe weather events, technological and communications failures, and significant humanitarian crises that have had extensive impacts on local communities and the people and businesses who call these places home. While Mississauga is a thriving, diverse and vibrant city, we are not immune from disasters or the impacts they can have on our community.

In 2022, Mississauga's Office of Emergency Management supported the monitoring and co-ordination of more emergencies and potential disasters than ever before. These events included a significant amount of storms, fires, flooding and other hazardous situations that disrupted or threatened to disrupt the lives of Mississauga residents and businesses. While the Office of Emergency Management was busy throughout 2022 preparing for, and responding to different types of emergencies, a different group also played a significant role in building community resilience – Mississauga residents.

We are mindful that Mississauga residents are often the first to respond to emergencies before first responders like firefighters and police are able to arrive. After the immediate emergency has been resolved, local clubs, organizations, neighbours and friends help their community recover from emergencies. It's the welcoming, generous, and can-do spirit of the residents of Mississauga that truly fosters community resilience.

Recognizing that resilience must be community-informed and community-driven, Mississauga's Office of Emergency Management engaged with more groups and individual members in our community in 2022 than ever before. Moving forward into 2023 and beyond, the Office of Emergency Management will continue to work with the community to understand what resilience means to the diverse populations that make-up our great city, and how we can support these communities to foster local resilience. Community-led resilience building initiatives will ensure more equitable, inclusive and effective solutions to hazards and disasters impacting our city.

On behalf of the City of Mississauga's Office of Emergency Management, I present to you the Emergency Management in Mississauga 2022 Annual Report. This report outlines the various elements of the City's Emergency Management Program, including the projects and programs that were implemented in 2022. It also identifies our strategy moving forward to ensure the City is resilient against all of the stresses and shocks it may encounter.



Deryn Rizzi  
Fire Chief & Director of  
Emergency Management



Ben Gallagher,  
Manager, Office of  
Emergency Management

# Why Emergency Management?

The City of Mississauga’s Office of Emergency Management (OEM) works to prevent, mitigate, prepare for, respond to and recover from emergencies and disasters that impact Mississauga.

## Emergency Management and Civil Protection Act

The Emergency Management and Civil Protection Act, and Ontario Regulation 380/04 requires each municipality in Ontario to have an emergency management program. These Acts also outline the minimum requirements that these programs must include. Each year, the OEM surpasses these minimum requirements, which help ensure the City continues to stay resilient.

### Items reviewed, updated and completed in 2022

**Emergency/Disaster Plan** ✓

**Training & Exercises** ✓

**Public Education** ✓

**Hazard Identification & Risk Assessment** ✓

**Critical Infrastructure Identification** ✓

## Emergency Management Program Committee (EMPC)

The City’s EMPC provides strategic direction to the OEM as they develop and implement the City’s emergency management program. The EMPC meets throughout the year to review the program and makes recommendations to City Council if revisions to the program are necessary.

## Emergency Management Control Group (EMCG)

Each municipality is required to have a group of designated staff that are responsible for co-ordinating response and recovery efforts during emergencies. In addition to the EMCG, the City has several Incident Management Teams (IMT). These IMTs are risk-based, meaning that a specific team is activated depending on the type of emergency. However, IMT members are also all cross-trained in Ontario’s Incident Management System so they are able to respond to various types of emergencies, regardless of the hazard type.

## Community Resilience

The OEM regularly engages with various community groups and individuals to promote emergency preparedness and help foster community resilience. As community members play an integral role during emergencies, it’s imperative that the OEM works with different communities to identify how the City can best support these groups before, during and after emergencies and disasters.

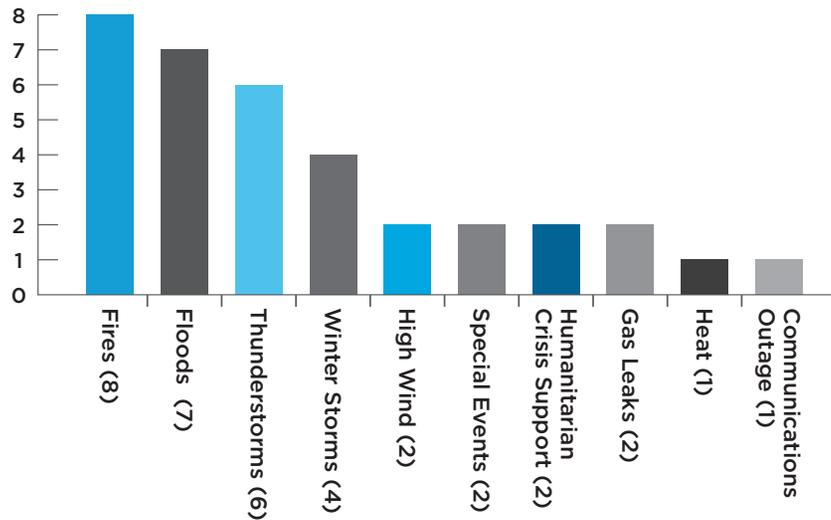


# Emergency Response

Each year the OEM and Incident Management Teams monitor and respond to a variety of different hazards and emergencies. The City has four levels of response: Routine Monitoring, Enhanced Monitoring, Partial Activation and Full Activation.

## Enhanced Monitoring

Number of Enhanced Monitoring Events = 35



## COVID-19

The City continued to monitor and respond to the COVID-19 pandemic, with case counts being higher in early 2022 than they were at any previous point of the pandemic. In March of 2022, the City ended the declaration of emergency associated with the COVID-19 pandemic in response to improving health indicators.

## Partial Activation

Extensive ice jamming along the Credit River in February resulted in flooding to Mississauga parks and green space. The Works IMT co-ordinated several efforts to reduce flood impacts to residents.



## Deployments

- January Gas Leak in Mississauga requiring the extended evacuation of several homes.
- June Fire that resulted in the evacuation of 36 units.
- July Gas Leak that resulted in the evacuation of approximately a dozen homes.



# Community Engagement

The OEM recognizes that resilience must be community-focused.

In 2022, staff from the OEM engaged in more community consultations, workshops and other events than ever before. Working together with community partners allowed the OEM to understand the unique needs of the diverse community and how to best support them during disasters.

## 2,637

Total People Engaged With

## 830

Number of Students Engaged With

## 24

Total Events Attended

## 4

Presentations Specifically for Older Adults

## 17

Number of Virtual School Presentations

## 675

Number of New Canadians Engaged With

The City of Mississauga engaged with several local community organizations and partners in 2022 to advance community resilience.

Some of these organizations included:

- Ecosource
- Pak Pioneers Seniors Club
- Citizens for the Advancement of Community Development
- Mississauga Chinese Business Association
- Dufferin-Peel Catholic School Board
- The Lifestream Initiative



# Stakeholder Engagement

It is critical that the OEM work with external stakeholders to promote public safety and community resilience. Throughout 2022, the OEM conducted site-tours, reviewed emergency plans, attended consultation meetings and participated in emergency exercises with several local stakeholders.

## Some of the stakeholders the OEM worked with in 2022 included:

- The Greater Toronto Airports Authority
- Trillium Health Partners
- Trans-Northern Pipeline
- Credit Valley Conservation
- Toronto & Region Conservation Authority
- City of Brampton
- Region of Peel
- Emergency Management Ontario
- Petro-Canada/Holly Frontier
- Ash Grove Cement Company
- Xerox
- Sysco
- Trans-CAER



## Special Events

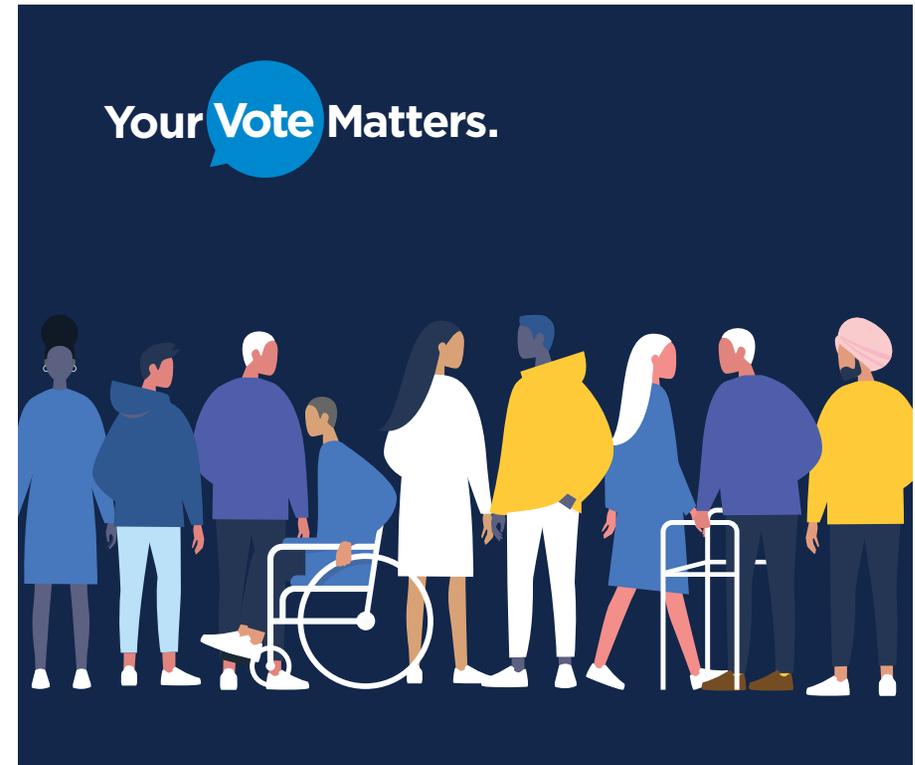
### Ontario Parasport Games and Ontario Summer Games

For almost a full year, the OEM was involved with the planning and implementation of the 2022 Ontario Parasport Games and Ontario Summer Games. The OEM assisted in the development of emergency plans and exercises, assisted the Games Medical Committee with their emergency planning efforts and attended the Games Headquarters leading up to and during the games to support the situational awareness of various potential hazards.



### Municipal Elections

Throughout 2022, the OEM assisted in the emergency planning for the 2022 Municipal Election. An emergency plan was developed that identified how the Election's IMT would respond to various potential election disruptions. An exercise was conducted to validate this planning process.



# Training

Ensuring that IMT members and other City staff know what to do during an emergency is a critical component of the City's Emergency Management Program. Beyond this, the OEM provide training to many external partners. This allows the City's OEM to share their knowledge with the broader emergency management community, ensuring that different agencies and organizations are able to collaborate effectively with the City's IMT during an emergency or disaster.

Some of the organizations that participated in training sessions in 2022 included:

- City of Burlington
- City of Chatham-Kent
- City of Vaughan
- Township of South Frontenac
- Waterloo Police
- Ontario Provincial Police
- McMaster University
- Emergency Management Ontario
- York Regional Police

Throughout 2022, the OEM partnered with Peel Regional Police as well as Halton Regional Police, to jointly provide Incident Management System (IMS) training to partners in the local police services.

## Training Delivered in 2022

# 4

IMS 200 Sessions

# 4

IMS 300 Sessions

# 1

Emergency Management Workshop

# 120+

City Employees and External Partners Trained



# Exercises

While emergency plans and training are important, it is crucial that the City's Incident Management Teams participate in emergency exercises to validate these plans and training courses. Several different emergency exercises were held in 2022, presenting a range of different scenarios to City employees.

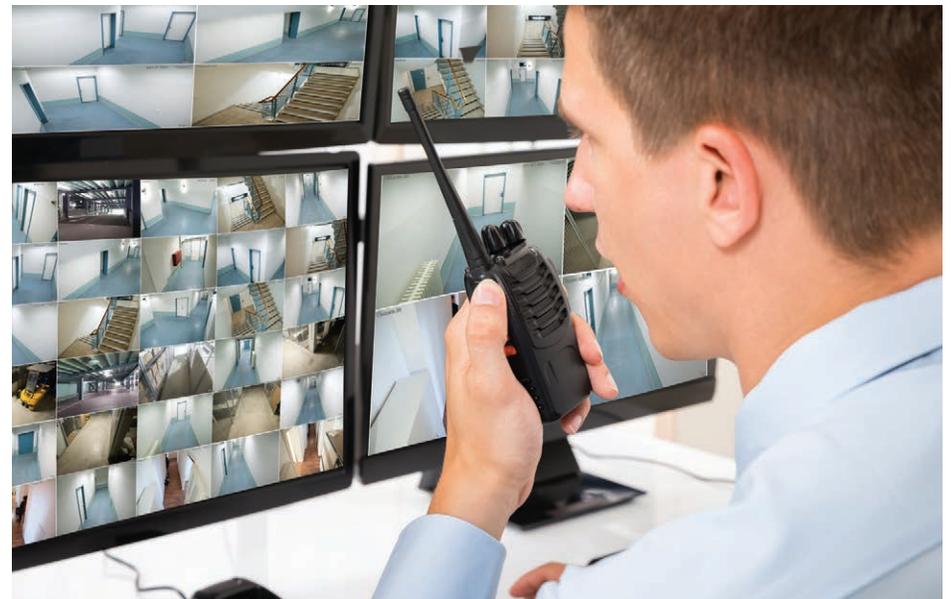
# 4

emergency exercises  
participated in 2022

## Partner Exercises

Representatives from the OEM also participated in several emergency exercises with some of our external partners:

- The GTAA's Full-Scale Security Exercise
- The GTAA's Table-Top Emergency Exercise
- A Major Incident Response Exercise with Peel Regional Police, Peel Regional Paramedic Services, and Brampton Fire & Emergency Services



# HIRA and Critical Infrastructure

## Hazard Identification & Risk Assessment

Each year, the OEM assesses the likelihood and consequences of different hazards that could result in disasters within Mississauga. Through this assessment, known as the Hazard Identification & Risk Assessment (HIRA), the OEM was able to identify the top risks in Mississauga. The HIRA serves as the foundation for the City's Emergency Management Program, influencing which risks the OEM should be focusing their resources and efforts on.

## Critical Infrastructure

The OEM also annually assesses the different critical infrastructure that exists within Mississauga that could be impacted during an emergency. In 2022, the OEM worked with the City's Geomatics Solutions team to ensure all critical infrastructure within the City is mapped. This serves as a useful visual tool for the City's IMT members during emergencies.



# Awards

## **2022 Community Preparedness Award by the International Association of Emergency Managers – Canada Council**

The hard work of all of the City employees who work to support emergency preparedness and community resilience was recognized in 2022. The City of Mississauga received the 2022 Community Preparedness Award from the International Association of Emergency Managers – Canada Council. In receiving this award, the City was recognized for its collaborative, all-of-society approach to disaster-risk management, which is achieved through strengthening the social and physical capacity of Mississauga's communities and infrastructure.



## **Emergency Management Exemplary Service Award by Public Safety Canada**

The City of Mississauga was again recognized in 2022 for its exceptional service and achievement in the field of emergency management. The City's Emergency Management Program received Public Safety Canada's Emergency Management Exemplary Service Award in the Resilient Communities Category. The City of Mississauga received this prestigious award as a result of the City's continuous dedication to prevent, prepare for, respond to and recover from emergencies and disasters.



## Action Plan 2023 – 2024

The City of Mississauga's Emergency Management Program will continue to evolve to ensure that City staff are prepared to respond to all types of disasters. This requires the City's internal emergency processes and procedures to be continuously evolving. However, the OEM recognizes that resilience within Mississauga involves both City employees and community members. As the City continues to move forward with the goal to foster resilience and emergency preparedness, community voices will be at the forefront of all efforts.

### **Moving forward, the OEM will foster community resilience through:**

- Engaging with residents, businesses and community groups to develop community-driven solutions to vulnerability.
- Collaborating with internal City divisions to move forward emergency preparedness and resilience initiatives related to climate change, special events, emergency response and recovery and other critical activities.
- Collaborating with external partners to ensure a co-ordinated approach to emergency planning and disaster-risk reduction.
- Continuously ensuring the Emergency Management Program is at the forefront of disaster-risk reduction and resilience best practices, as informed by the latest research and evidence-based solutions.



