



HAMILTON FIRE DEPARTMENT'S 2023 ANNUAL REPORT

December 5, 2024

Hamilton Fire Department

ANNUAL REPORT



STRONG
for YOU

www.hamilton.ca/fire

2023

What the Report Covers



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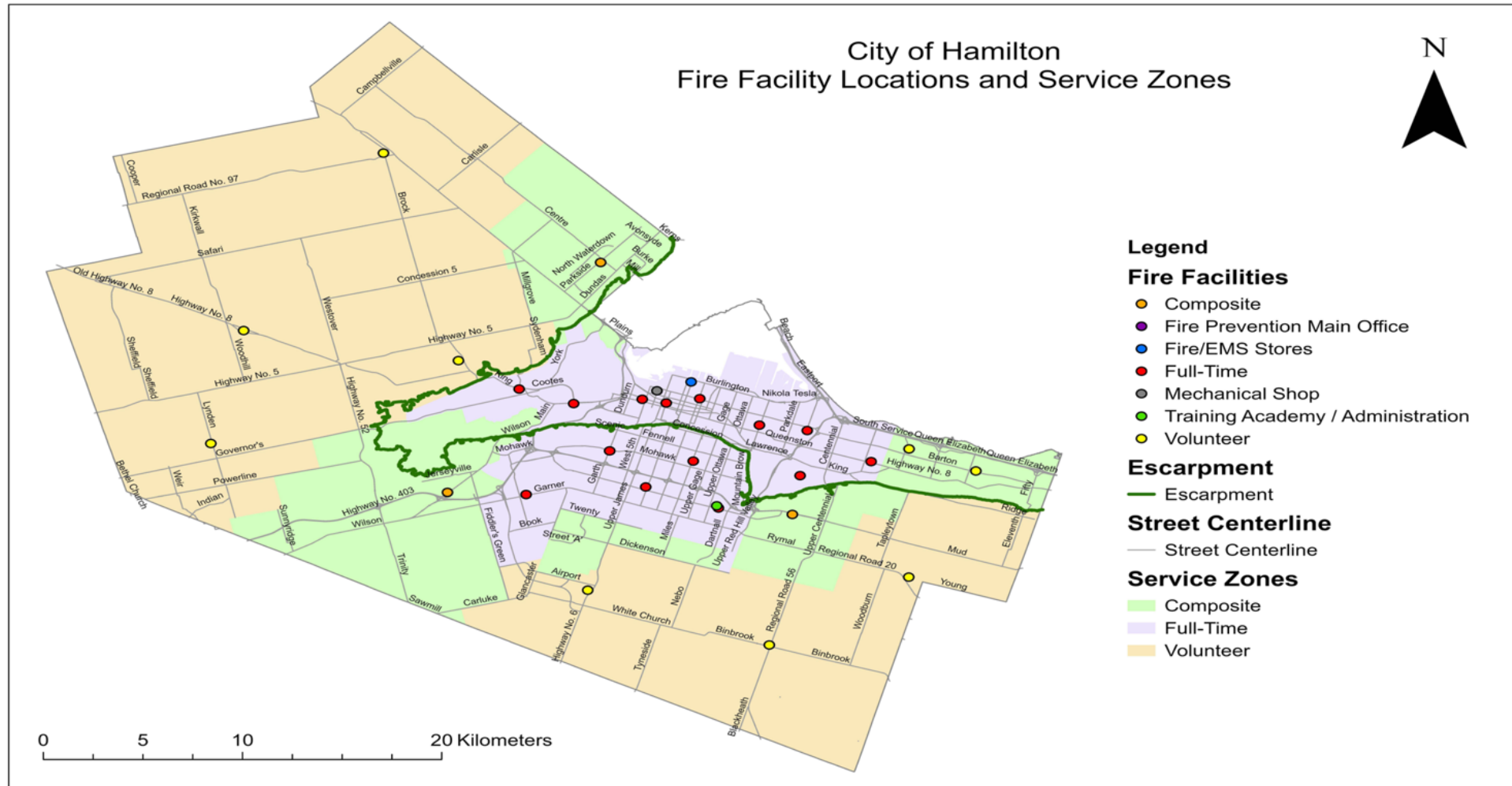
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Services and Levels of Service



People



Highlights

Divisions

Fire Dispatch

Emergency
Management

Firefighting
Operations

Mechanical,
Stores & Facilities

Fire
Prevention

Training

Leadership
Team

Outcomes & Results

21,160 Incidents
Dispatched



513 Fires



Maintained 220+
apparatus



7% increase in Fire
Prevention activity



Increased
efficiencies by Stores



100% compliance for
large event emergency
response plans



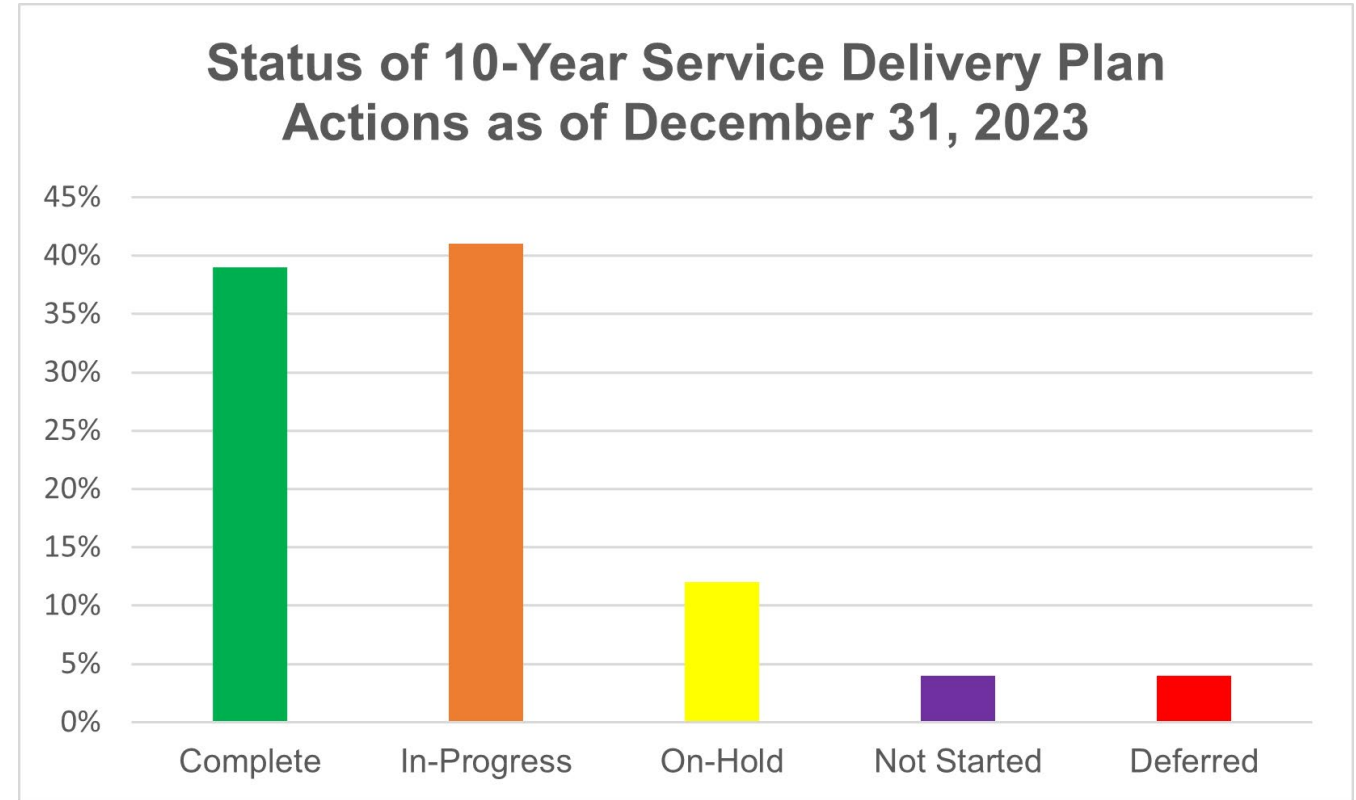
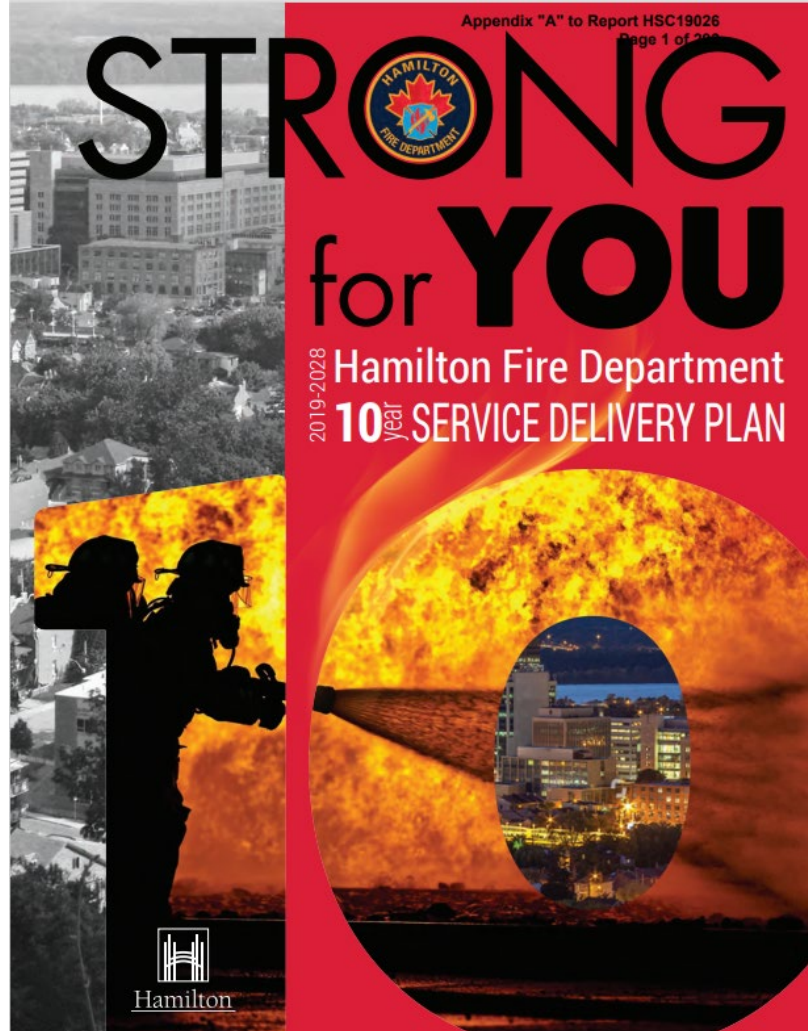
Improvements to
10 stations



Preparing for NG-911

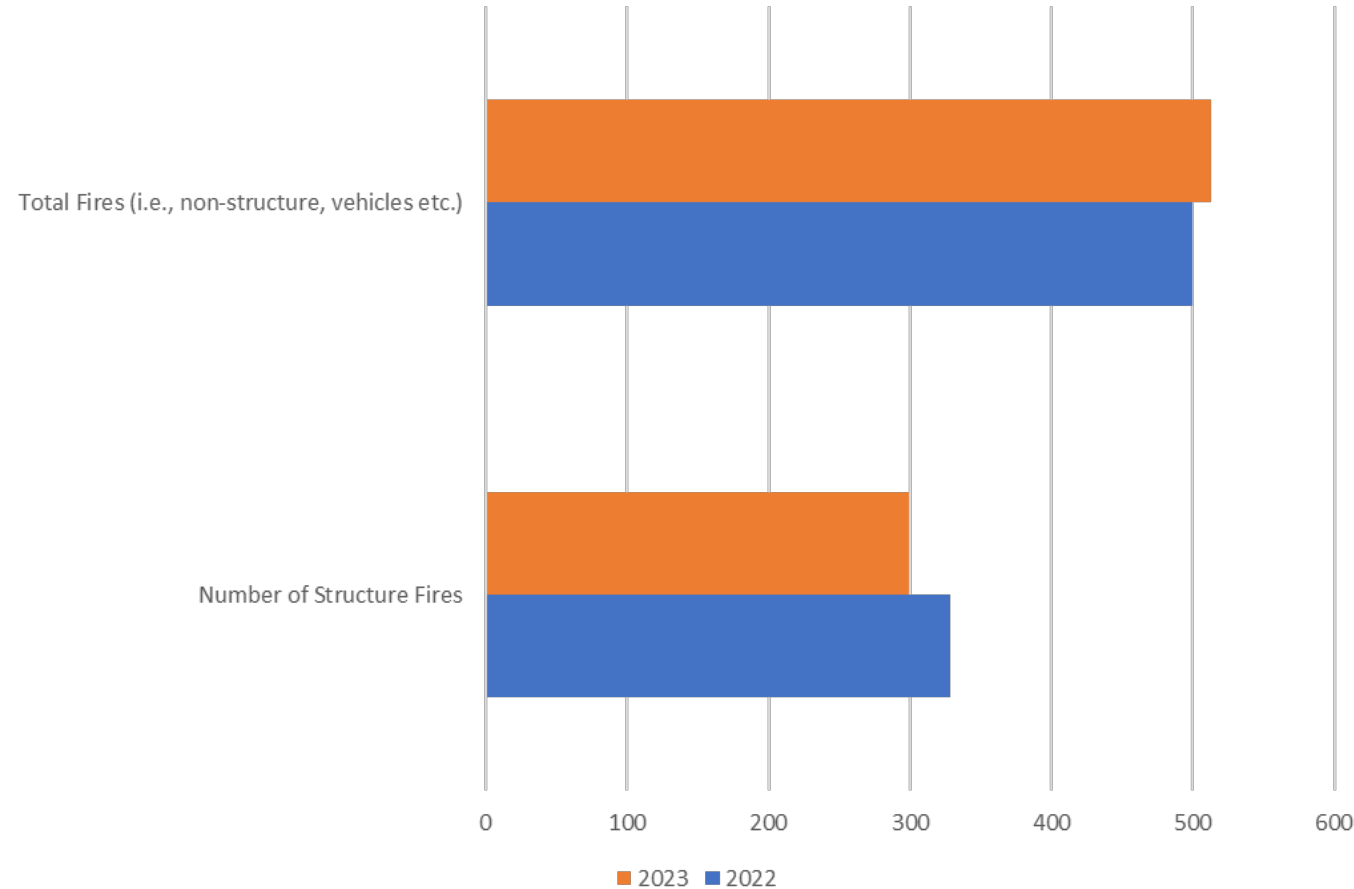


Status of 10-Year Service Delivery Plan



Trends

Total Fires and Structure Fire in 2022 vs 2023



Non-Structure Fires (i.e. grass fires, open fields, vehicles etc.)	
2022	172
2023	214

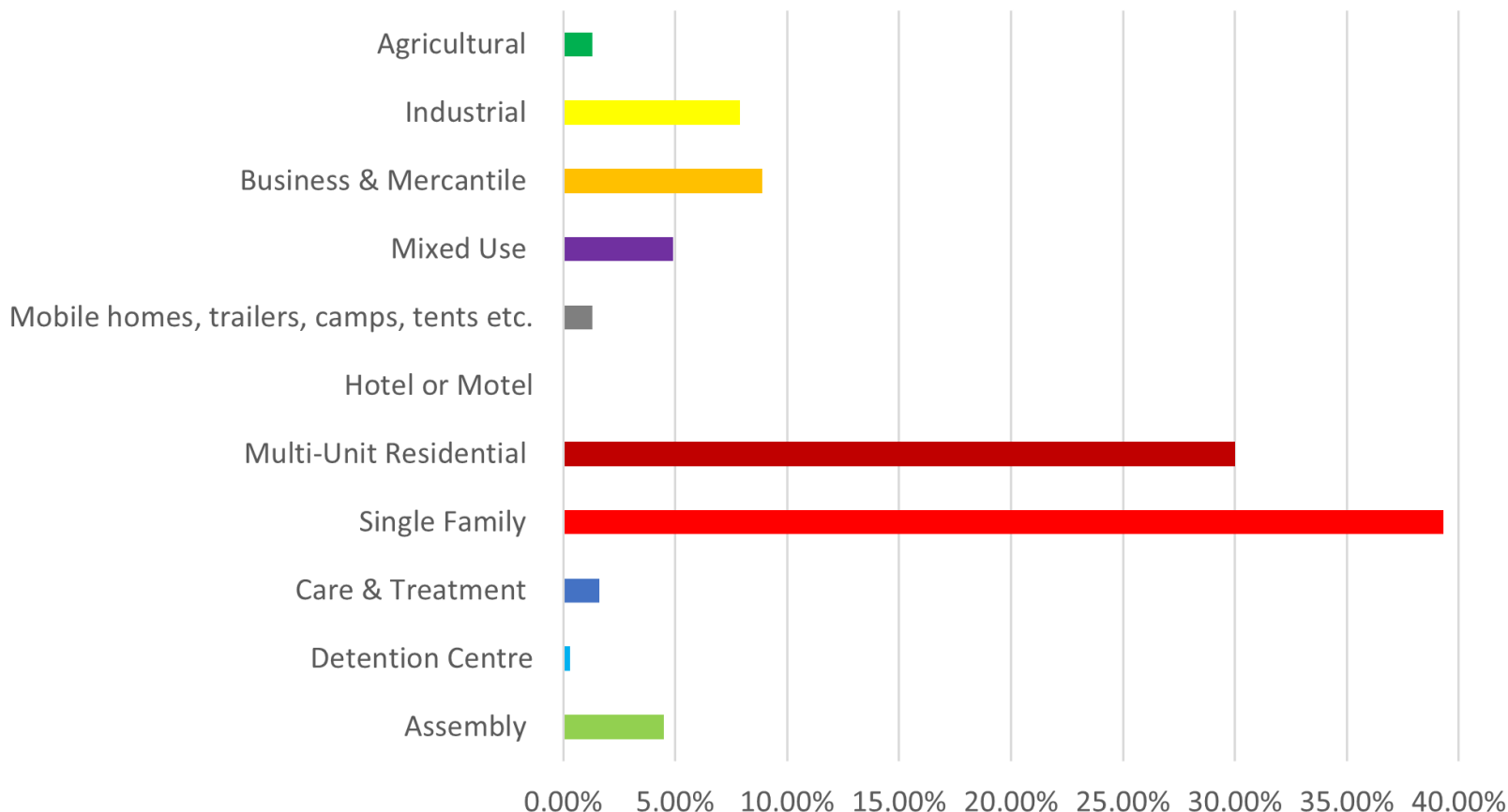


2023 Ward Data

Ward	Number of Structure Fires	Percentage of Fires
1	22	7%
2	54	18%
3	70	23%
4	33	11%
5	12	4%
6	9	3%
7	12	4%
8	14	5%
9	7	2%
10	6	2%
11	14	5%
12	18	6%
13	13	4%
14	9	3%
15	10	3%
Total	303	100%

Fires by Building Type

Percentage of Fires by Building Type in 2023






2022 Top Six (6) by Building Type

Type	Change from 2022
Single Family	<div>↓</div> 136 in 2022 vs 119 in 2023
Multi-Residential	<div>↑</div> 84 in 2022 vs 90 in 2023
Industrial	<div>↓</div> 32 in 2022 vs 24 in 2023
Business & Mercantile	<div>↓</div> 30 in 2022 vs 27 in 2023
Assembly	<div>↔</div> No change: 14 in 2022 vs 14 in 2023
Mixed Use (commercial & residential)	<div>↑</div> 13 in 2022 vs 15 in 2023






Losses

Dollar Loss, Injuries, and Deaths in 2023 vs 2022

Type of Loss	2023	2022
Dollar loss	\$39.2M 	\$49.8M
Injuries	46 civilian and firefighters 	41 civilian and firefighter
Deaths	3 civilian deaths 	8 civilian deaths

Fire Causes

Top Five (5) Causes of Fire in 2023

Cause of Fire	Percentage of Fires & Change from 2022 to 2023
Electrical/Mechanical Failure	16% 
Arson	15% 
Carless Smoking	9% 
Unattended Cooking	5% 
*Misuse of Ignition Source	5% 

**Misuse of Ignition Source: accidents involving the source of ignition such as inadequate control of open fires, playing with a source of ignition, welding, or using a torch too close to a flammable object, etc.*

Top Five (5) Causes of Fire in 2022

Cause of Fire	Percentage of Fires
Electrical/Mechanical Failure	15%
Arson	14%
Carless Smoking	12%
Unattended Cooking	5%
*Misuse of Ignition Source	4%

Incidents Dispatched in 2023

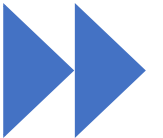


Type of Call	Number of Calls/Responses
Burning (Controlled) i.e., open air burning complaints	899
CO False Calls	770
False Fire Calls	4548
Medical Calls	9466
Other Responses	977
Overpressure Rupture (no fire)	6
Pre-fire Conditions (no fire)	890
Property Fires/Explosions	1262
Public Hazard	732
Rescue (i.e., rope, ice, water, elevator, RPAS etc.)	1611
TOTAL	21,160

Incidents Dispatched in 2022
14,593

Firefighting Operations Response Times

Improved times
compared to
2022.



Time for the convergence of an Effective Firefighting and Rescue Force (EFRF)			
		2022	2023
Response Type	90th % Approved Target	90th % Actuals	90th % Actuals
Full-Time	10 mins 54 secs	9 mins 47 secs	9 mins 38 secs
Composite	18 mins 51 secs	15 mins 52 secs	13 mins 46 secs
Volunteer	20 mins 45 secs	20 mins 31 secs	15 mins 39 secs

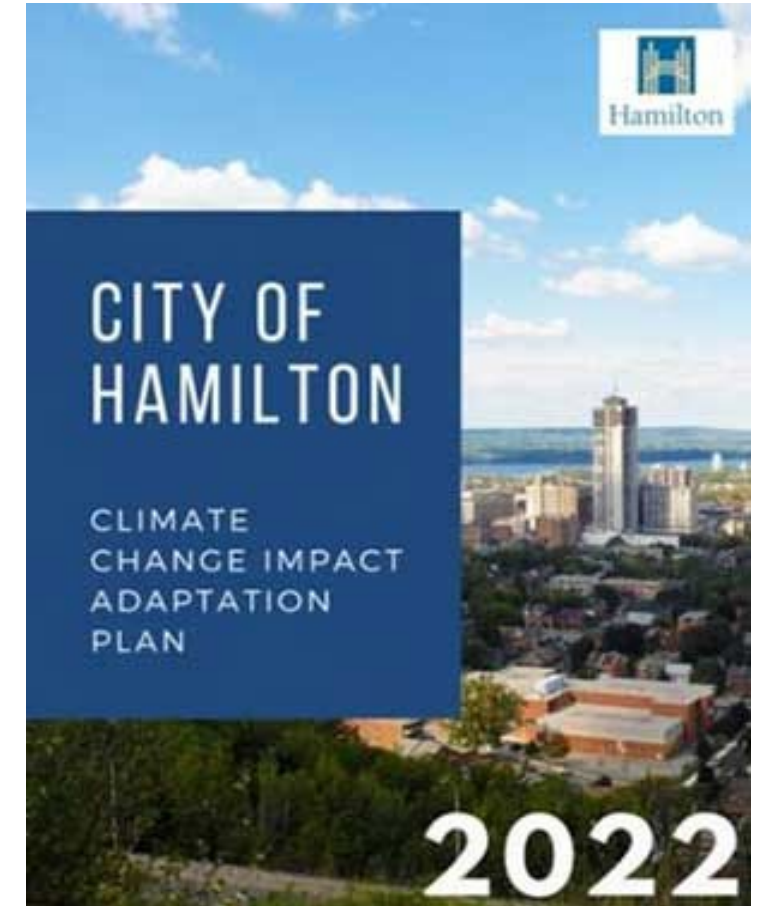
Technology

New Equipment & Apparatus



Technology

Efficiencies and Savings



15

Collaboration, Engagement & Communication



Connecting with the community

461 events attended

300+ media inquiries

Hamilton Fire Department Services & Assets Survey



CLOSED: This discussion has concluded.

Survey Closed October 10. Thank you for taking the time to complete this survey.

\$50K in funding and in-kind donations for smoke and CO2 alarms





Hamilton

THANK YOU