



# Brantford Fire Department Annual Report 2022

CITY OF  
**BRANTFORD**



# Welcome

## Message from Brantford Fire Chief Todd Binkley

On behalf of the members of the Brantford Fire Department, I am pleased to present the 2022 Brantford Fire Annual Report.

This report highlights our many initiatives, incidents, and programs – all accomplished by a dedicated team of Fire Professionals. I am extremely proud of the unwavering commitment and resiliency demonstrated by our members to maintain a fire safe community.

Since 1889, the Brantford Fire Department has a long and proud history of delivering exceptional fire protection services to the community of Brantford. We honour this legacy as we embrace the future and continue to be a progressive leader in modern fire services. We look forward to exciting opportunities and challenges as we continue to grow with the City.

I would like to thank the Mayor, Council, CAO, and Senior Leadership for their continued support of the Fire Department. It would not be possible to accomplish our goals and objectives without it. Lastly, I would like to thank the citizens of Brantford, for their dedication and commitment to a fire safe community.

Please enjoy our annual report and I encourage you to stay connected with us on **Twitter:** @brantfordfire, **Instagram:** @brantfordfire and **Facebook:** @brantfordfiredepartment.

Sincerely,

Todd Binkley  
Fire Chief







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# 2022 Highlights



## 6 Chief Officers

completed training and received certification in the Blue Card Program. Blue Card establishes standard command practices for strategic and tactical emergency operations.



Responded to

**6,140**  
emergencies  
in 2022





# 2022 Highlights



Participated in **70 fire drills** completed each year at vulnerable occupancies with facility staff.

Participated in **293 public educations and 135 public relations events/lectures**

Trained **14 new Firefighter Recruits and 1 Fire Prevention Officer** in 2022.



Members completed **22,815 hours of training** in 2022.



**6 Officers** completed and are Certified in the NFPA 1031 Fire Inspector 1

# 2022 Highlights



Firefighters attended  
**1,165 homes**  
**in 2022**  
 as part of the  
 Smoke Alarms  
 Save Lives campaign



**24**  
 completed NFPA 1072  
 Hazmat Operations  
 Certification



Conducted Fire Code  
 inspections of  
**54 schools and**  
**34 licensed day**  
**cares in 2022**  
 in an effort to ensure the  
 safety of our city's youth.



**6 officers**  
 completed NFPA 1061  
 Telecommunicator 1 & 2



**14 officers**  
 completed  
 Captain's Exam



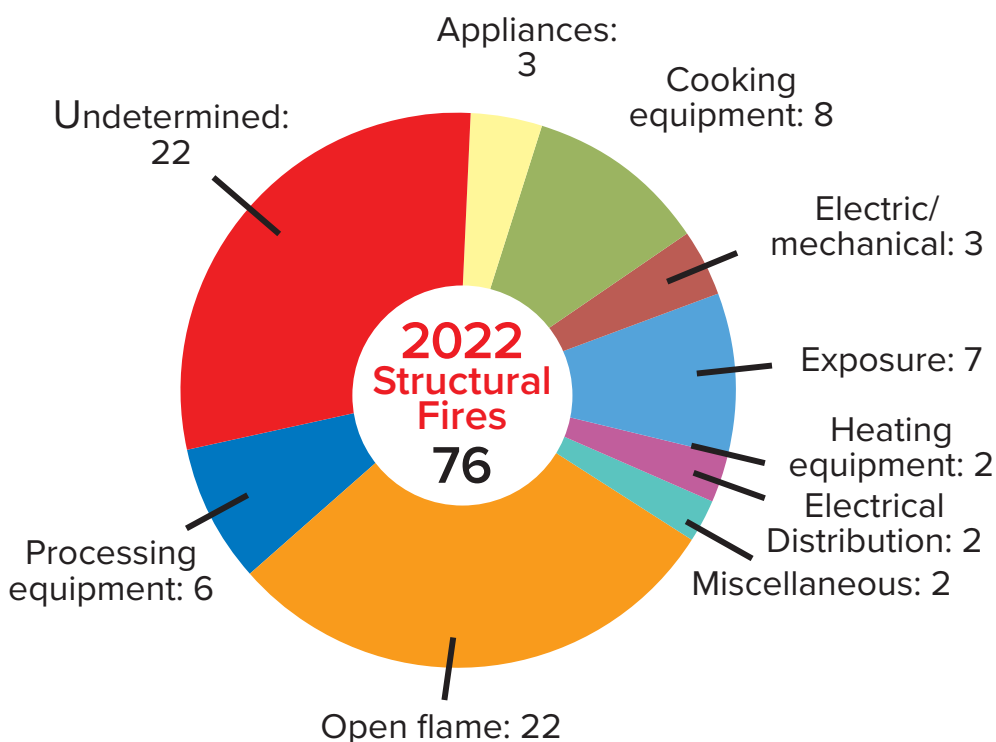
**4 officers**  
 completed  
 Platoon Chief Exam





# Statistics

## Fire with Loss - Structure Fires – Ignition Source



### 2022 Fire Loss Summary by Occupancy

Occupancy Type	2022 # of Losses	2022 Total \$ Loss
Assembly Occupancies	0	0
Business and Personal Services Occupancies	5	20,800
Industrial Occupancies	14	2,044,000
Institutional	2	40,000
Mercantile	2	4,000
Residential	45	2,883,135
Structures/Properties not classified by O.B.C.	7	93,410
Vehicles	37	858,050
<b>Totals</b>	<b>165</b>	<b>6,083,007</b>

### 2022 Fire Loss Summary by Year

Year	Dollar Loss	Number of Incidents
2022	6,083,007	6,146
2021	7,755,227.00	4,417
2020	6,293,493	4,369
2019	7,077,474	5,856
2018	2,290,689	5,355
2017	7,750,321	4,087
2016	4,112,055	2,835
2015	3,646,011	3,830



# Statistics



## 2022 Fire Loss Summary by Cause (Structure Fires Only)

Fire Cause Classification	2022 Losses	2022 Dollar Loss
Intentional	7	595,100
Vandalism	7	17,920
Undetermined	17	937,800
Misuse of Ignition Sources/Material First Ignited	29	1,122,855
Mechanical /Electrical Failure	7	307,800
Design/Construction/Maintenance Deficiency	5	30,870
Other Unintentional	4	2,075,000

### “Smoke Alarms Save Lives Program” 2022

#### Number of Visits

Total number of visits: 1165

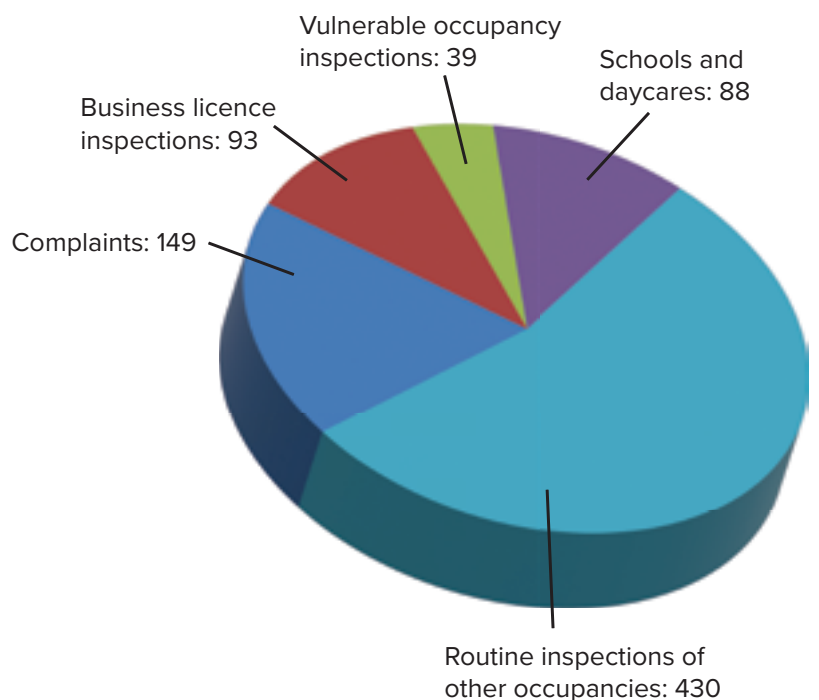
#### Smoke Alarms, Carbon Monoxide Alarms and Batteries Installed

Smoke Alarm(s): 289

Carbon Monoxide Alarm(s): 240

Batteries: 110

### Number of Properties Inspected





# Operational Performance

## Fire Suppression Performance Benchmarks

Initial response and Depth of Response are Fire Suppression and Emergency Response Benchmarks for Brantford Fire Department.

### Definitions of Fire Suppression Performance Benchmarks

#### Initial Response

Initial Response is the time four Firefighters arrive on scene of a Fire Suppression incident. Brantford Fire's benchmark is four Firefighters arriving on scene in four minutes 90% of the time.

#### Depth Response

Depth Response is separated into two benchmarks. These include, the time eight Firefighters arrive on scene of a moderate risk fire Suppression incident and the time seventeen Firefighters arrive on scene of a moderate risk fire suppression incident. Brantford Fire's benchmarks are eight Firefighters arriving on scene in six minutes 90% of the time and seventeen Firefighters arriving on scene in eight minutes 90% of the time.

### Fire Suppression and Emergency Response Performance

Benchmark	Target Response	Percent Achieved	2021	2022
Initial Response	Four Firefighters on scene in four minutes	Percentage achieved	68.85%	63.27%
Depth Response	Eight Firefighters on scene in six minutes	Percentage achieved	52.27%	69.70%
Depth Response	Seventeen Firefighters on scene in eight minutes	Percentage achieved	50.00%	64.29%

### Key Performance Indicators

Call processing time, turnout time, and travel time are key performance indicators for Brantford Fire. The total target response time, based on the National Fire Protection Association (NFPA) 1710-2020 Standard, is 6:24 minutes.

## Definitions of Key Performance Indicators

### Call Processing Time

Call Processing Time is the elapsed time from when Brantford Fire receives an emergency call at the communications centre until emergency response information begins to be transmitted to the responding truck(s).

### Turnout Time

Turnout Time is the elapsed time from the start of the notification process until the first responding truck is responding to the scene of the emergency.

### Travel Time

Travel Time is the elapsed time from when the first responding truck is responding to when that truck arrives at the incident location.

## Operational Performance

Measure	Target Time	90th Percentile and Percent Achieved	2020	2021	2022
Call Processing Time	1:04 minutes	90th Percentile	01:15	01:36	01:23
		Percent achieved	86%	78%	84%
Turnout Time	1:20 min	90th Percentile	01:22	01:31	01:27
		Percent achieved	88%	83%	85%
Travel Time	4:00 min	90th Percentile	06:38	06:48	06:44
		Percent achieved	59%	58%	58%



