



Brantford Fire Department Annual Report 2023

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Welcome

Message from Brantford Fire Chief Todd Binkley

On behalf of the Brantford Fire Department, I am pleased to present the Annual Report for 2023.

This report highlights the tremendous work of our Fire Professionals who are extremely dedicated, efficient and highly skilled. It is my belief that their efforts allow the City of Brantford to have one of the best fire services in Ontario.

The Brantford Fire Department has a long and proud history of delivering exceptional fire protection services to the community of Brantford, emphasizing the three lines of defense: Public Fire Safety Education, Fire Safety Standards and Enforcement, and Emergency Response.

Our department functions well within the City of Brantford where we experience great working relationships with all of the other departments and their dedicated staff.

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 **X**: @brantfordfire, **Instagram**: @brantfordfire and **Facebook**: @brantfordfiredepartment.



Todd Binkley
Fire Chief



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2023 Highlights



8 Company 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

6,355
emergencies
in 2023





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2023 Highlights



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



Participated in
**246 public educations
and 93 public relations
events/lectures**



Members completed
**26,809.5 hours
of training**
in 2023.



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



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2023 Highlights



Firefighters attended **1,165 homes in 2023** as part of the Smoke Alarms Save Lives campaign



8 completed NPPA 1021 Fire Officer 1 Certification



Conducted Fire Code inspections of **39 schools and 32 licensed day cares in 2023** in an effort to ensure the safety of our city's youth.



6 officers completed NPPA 1061 Telecommunicator 1 & 2



9 officers completed NPPA 1031 Fire Inspector 1



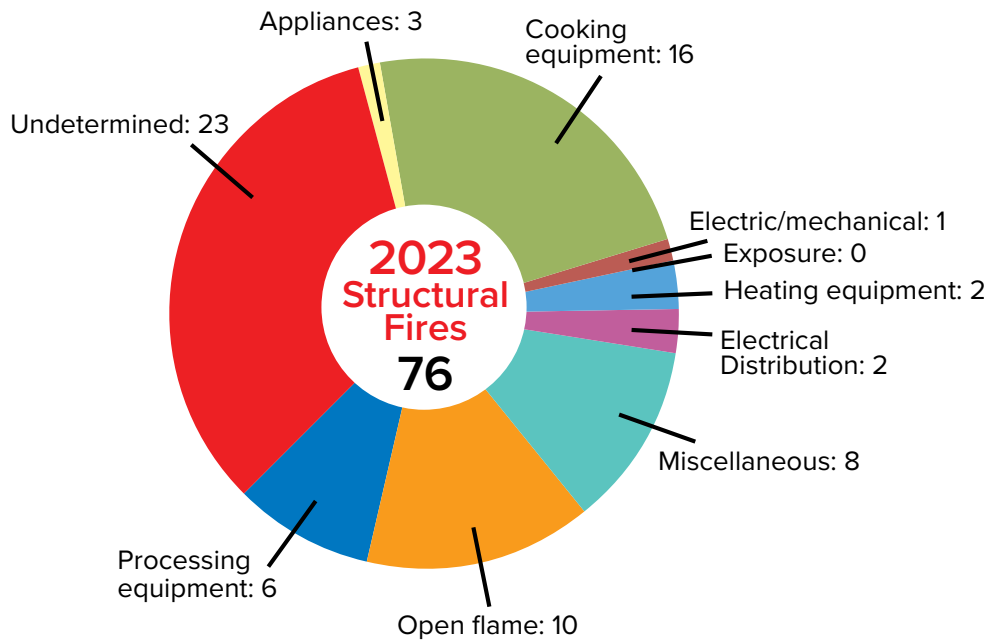
1 completed Chief Fire Prevention Exam





Statistics

Fire with Loss - Structure Fires – Ignition Source



2023 Fire Loss Summary by Occupancy

Occupancy Type	2023 # of Losses	2023 Total \$ Loss
Assembly Occupancies	2	10,100
Business and Personal Services Occupancies	1	50,000
Industrial Occupancies	11	308,200
Institutional	1	100,000
Mercantile	2	6,000
Residential	41	2,881,100
Structures/Properties not classified by O.B.C.	11	35,500
Vehicles	13	170,000
Totals	82	3,560,900

2023 Fire Loss Summary by Year

Year	Dollar Loss	Number of Incidents
2023	10,309,162	6362
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

2023 Fire Loss Summary by Cause (Structure Fires Only)

Fire Cause Classification	2023 Losses	2023 Dollar Loss
Intentional	14	1,967,350
Vandalism	4	2,500
Undetermined	11	257,050
Misuse of Ignition Sources/Material First Ignited	27	787,000
Mechanical /Electrical Failure	3	120,000
Design/Construction/Maintenance Deficiency	8	206,000
Other Unintentional	2	51,000

“Smoke Alarms Save Lives Program” 2023

Number of Visits

Total number of visits: 2763

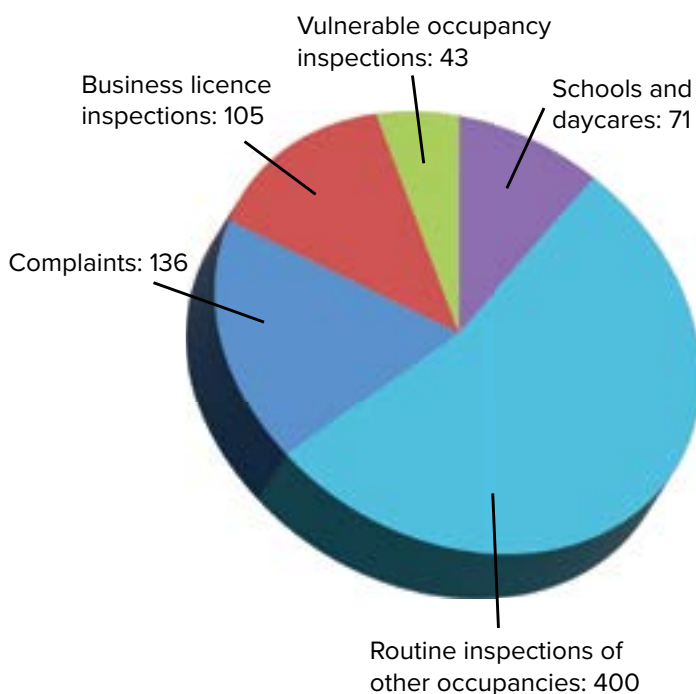
Smoke Alarms, Carbon Monoxide Alarms and Batteries Installed

Smoke Alarm(s): 341

Carbon Monoxide Alarm(s): 285

Batteries: 136

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	2022	2023
Initial Response	Four Firefighters on scene in four minutes	Percentage achieved	63.27%	64.42%
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	64.29%	71.25%

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	2021	2022	2023
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%



