



Corporation of the Township of Brock

Staff Report to the Mayor and Members of Council

From: Rick Harrison

Position: Fire Chief/CEMC

Title / Subject: Fire Department Responses-2023-Q4

Date of Report: January 8, 2024

Date of Meeting: January 29, 2024

Report No: 2024-PS-001

1.0 Issue / Origin

The Fire Chief is responsible for preparing and presenting quarterly and annual reports of all fire department responses to Council.

2.0 Background

As per the Ontario regulations, fire departments are required to report all fire department responses to the Office of the Fire Marshal (OFM) for statistical record keeping. The OFM's reporting system breaks down the responses into several categories, dependent on the type of response incident tended to by the fire department.

3.0 Analysis

Definitions:

Code 1-3 Property fires/explosions: fires related to structures, vehicles, brush/grass, combustion explosions.

Code 11-13 Overpressure rupture/explosion (no fire): steam boilers, hot water, gas pipe rupture, bomb, or dynamite.

Code 21-29 Pre-fire conditions/no fire: overheated mechanical devices, engines, brakes, pot on the stove, lightning, toaster, fireworks.

Code 31-39 False fire calls: alarm activations caused by malfunction, accidental, malicious, prank, human perceived emergency.

Code 37-39 CO false calls: perceived CO emergency, equipment malfunction.

Code 41 -59 Public hazard: Gas leak, chemical spill, power lines down, CO incident with CO present.

Code 60-69 Rescue: Vehicle extrication, building collapse, water rescue, ice rescue, motor vehicle collision/accident, industrial accident, elevator mishap, trench/confined space/high-low angle rescue.

Code 70-89 Medical resuscitator call: all various types of medical emergencies.

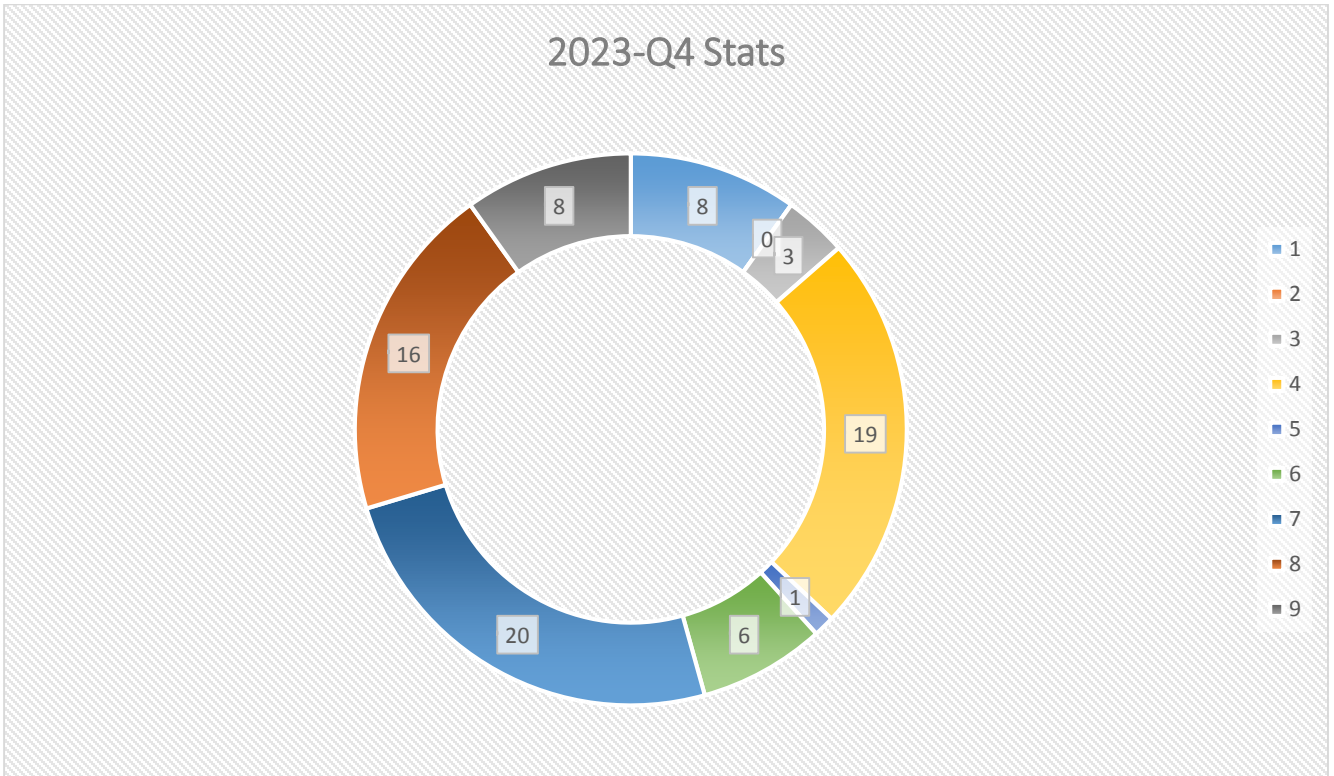
Code 91-99 Other response: Assisting police/other agencies, other public services or incidents that do not match other type codes.

Q4-2022 – Q4-2023 Comparison Chart

OFM Code	Incident Type	Q4 2022	Q4 2023	2022 YTD Total	2023 YTD Total
1 – 3	Property fires/explosions	4	8	29	35
11 – 13	Overpressure rupture/explosions (no fires)	0	0	0	0
21 – 29	Pre-fire conditions (no fires)	2	3	13	14
31 – 39	False fire calls	8	19	39	58
37 – 38	CO False calls	2	1	31	9
41 – 59	Public hazards	7	6	94	25
60 – 69	Rescue	29	20	82	85
70 – 89	Medical/resuscitator Call	28	16	82	78
91 - 99	Other responses	13	8	36	53
Total		93	81	337	357

Comparison Chart -- January 1 – December 31, 2020, 2021, 2022, 2023.

OFM Code	Incident Type	2020	2021	2022	2023
1 – 3	Property fires/explosions	20	51	29	35
11 – 13	Overpressure rupture/explosions (no fires)	0	0	0	0
21 – 29	Pre-fire conditions (no fires)	32	26	13	14
31 – 39	False fire calls	38	56	39	58
37 – 38	C0 False calls	24	13	13	9
41 – 59	Public hazards	35	45	31	25
60 – 69	Rescue	68	88	94	85
70 – 89	Medical/resuscitator Call	47	49	82	78
91 - 99	Other responses	33	46	36	53
Total		297	374	337	357



Estimated Fire Dollar Loss (includes vehicles & structures)

- 2019 ---- \$1,119,500
- 2020 ---- \$441,000
- 2021 ---- \$3,281,560
- 2022 ---- \$880,400
- 2023 ---- \$1,950,930

4.0 Related Policies / Procedures

Fire Department Establishing Regulating Bylaw

5.0 Financial / Budget Assessment

None

6.0 Climate Change Impacts

None

7.0 Communications

The statistical information shall be available on Township social media for public viewing.

8.0 Conclusion

Statistical information for Q3 2023 indicates the fire department response percentage is broken down as per the following:

- Rescues – 25%
- False Fire Calls – 23%
- Medical/Resuscitator Call – 20%
- Other Response – 10%
- Property Fires/Explosions – 10%
- Public Hazards – 7%
- Pre-fire Conditions (no fire) – 4%
- C0 False Calls – 1%
- Overpressure Fire/Explosions – 0%

9.0 Recommendation

BE IT RESOLVED THAT Report 2024-PS-001 “Fire Department Responses 2023-Q4” be received for information.