



Staff Report

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Report To:	General Government Committee	
Date of Meeting:	November 30, 2020	Report Number: ESD-007-20
Submitted By:	Gord Weir, Director of Emergency Services	
Reviewed By:	Andrew C. Allison, CAO	By-law Number:
File Number:		Resolution#:
Report Subject:	Emergency Services Activity Report – Q3 2020	

Recommendation:

1. That Report ESD-007-20 be received for information.

Report Overview

The Emergency and Fire Services Department is responsible for delivering fire suppression and emergency response, fire prevention and public education programs in accordance with the Fire Protection and Prevention Act (FPPA). This Report provides Council with an overview of the activities associated with the Department's Suppression and Fire Prevention Divisions for Q3 of 2020.

1. Fire Suppression and Emergency Response

- 1.1 Fire suppression services are delivered in both an offensive and defensive mode, including search and rescue operations, forcible entry, ventilation, protecting exposures, salvage and overhaul as appropriate. Emergency pre-hospital care is provided through medical acts such as defibrillation, standard first aid and cardio pulmonary resuscitation.
- 1.2 Fire Suppression staff responded to **563** calls in the third quarter of 2020. Of the **563** incidents, 37 were property fires with an estimated dollar loss of **\$2,216,170**.
- 1.3 The following is a summary of emergency incidents by response type (see Attachment 1 for description):

Response Type	Q3 2019	Q3 2020	% Change	% of Total 2020
Property Fires/Explosions	24	37	+54.17%	6.57%
Outdoor - No Loss Fires & Burning - Controlled	41	57	+39.02%	10.12%
CO False Calls	55	41	-25.45%	7.28%
False Fire Calls	118	85	-27.97%	15.10%
*Medical/Resuscitator Calls	534	108	-79.78%	19.18%
Other Response	158	66	-58.23%	11.72%
Overpressure Rupture/Explosion (No Fire)	0	0	n/a	0%
Pre Fire Conditions/No Fire	24	28	+16.67%	4.97%
Public Hazard	37	45	+21.62%	7.99%
Rescue	130	96	-26.15%	17.05%

*See Section 3

1.4 Call Volume by Geographical Area
(Generated by first vehicle dispatched according to geography)

Geographical Area	Call Volume	Call Volume %
Bowmanville and surrounding area	283	50.27%
Newcastle and surrounding area	107	19%
Orono and surrounding area	37	6.57%
Courtice and surrounding area	114	20.25%
Enniskillen and surrounding area	22	3.91%

1.5 Annual Total for Comparison at a Glance

Event Type	2016	2017	2018	2019	2020
Call Volume	3,736	3,675	3,929	4,268	2,128
Civilian Injuries	4	1	1	7	1
Firefighter Injuries	0	0	0	1	0
Fatalities	0	0	0	0	0
Dollar Loss	\$6,148,757	\$4,244,699	\$2,738,750	\$3,317,011	\$9,636,370

2. Response Times

2.1 Fire Suppression staff responded to 37 property fires, 10 of which were for detached dwellings. Below is a summary of the average response times for structural firefighting in Clarington's rural and urban areas for Q3 2020. See Attachment 2 for a map of the 10 calls.

Rural Structural Fires – 2 incidents

Response Objective per NFPA 1720	Time
Average Turnout Time 1:20 (80 sec) (first responding truck on route)	2.03 min.
Average Dispatch to On Scene Min. (first truck on scene)	9.48 min.
Average Total Personnel On Scene	19

Urban Structural Fires – 8 incidents

Response Objective per NFPA 1720	Average Time
Average Turnout Time 1:20 (80 sec) (first responding truck en route)	1.23 min.
Average Dispatch to On Scene Min. (first truck on scene)	4.32 min.
Average Total Personnel On Scene	13

3. Medical/Resuscitator Calls

3.1 The following chart lists the medical call volume by geographical area.

Emergency Request	Call Volume	Call Volume %	% of Q3 Calls
Bowmanville and surrounding area	61	56.48%	10.83%
Newcastle and surrounding area	20	18.52%	3.55%
Orono and surrounding area	2	1.85%	0.36%
Courtice and surrounding area	23	21.3%	4.09%
Enniskillen and surrounding area	2	1.85%	0.36%

3.2 The following chart lists the total medical calls to long-term care (LTC) and medical facilities.

LTC / Medical Facility	Address	Total Medical Calls	% of Medical Calls
Glen Hill Marnwood	26 Elgin St., Bowmanville	0	0%
Seasons Clarington Retirement Home	65 Clarington Blvd., Bowmanville	5	4.63
Glen Hill Strathaven	264 King St. E., Bowmanville	0	0%
Bowmanville Creek Retirement Community	105 Queen Street, Bowmanville	0	0%
Fosterbrooke Long Term Care	330 King Ave. West, Newcastle	3	2.78%

LTC / Medical Facility	Address	Total Medical Calls	% of Medical Calls
WhiteCliffe Terrace Retirement Residence	1460 Highway 2, Courtice	1	0.92%
Bowmanville Clinic	222 King St. E., Bowmanville	0	0%
Walmart Clinic	2320 Highway 2, Bowmanville	0	0%
Courtice Health Centre	1450 Highway 2, Courtice	0	0%
Newcastle Urgent Care Clinic	50 Mill St. N., Newcastle	0	0%

3.3 1.6% of Q3 calls were for LTC/medical facilities. Crews arrived on scene prior to EMS 55.55% of the time, at an average of 2.86 minutes. The average time on scene was 12.52 minutes. Crews provided services such as checked patient's vitals, administered O2, assisted EMS with applying neck brace, loading patient on stretcher and remained on standby when requested by EMS.

4. Fire Prevention Division

4.1 Fire Prevention staff continue to perform a variety of functions in accordance with the FPPA and policies of the Department focusing on; creating a fire safe community. These functions are implemented through public education programs and fire inspections. The following is a summary of inspection services performed during the second quarter.

Fire Prevention Activity – Q3	Volume
Complaint Inspections	19
Requested Inspections	27
Self-initiated Inspections	63
Retrofit Inspections	0
Burn Permits	51
Fire Safety Plans Reviews	39
General Plans Reviews	35
Site Visits	20
Fire Investigations	2
FPPA Part 3 Charges Laid	3
FPPA Part 1 Charges Laid	0

- 4.2 Due to COVID-19 and the restrictions issued by the Chief Medical Officer, staff did not provide or attend public education activities during the third quarter of 2020.

5. Concurrence

Not Applicable.

6. Conclusion

It is respectfully recommended that this Report be received for information.

Staff Contact: Gord Weir, Director of Emergency & Fire Services, 905-623-5126 ext. 2802 or gweir@clarington.net.

Attachments:

Attachment 1 – Response Type Description

Attachment 2 – Fire Calls Q3 2020

There are no interested parties to be notified of Council's decision.