

# ABKM Consulting

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*Township of  
Macdonald, Meredith  
& Aberdeen  
Additional*



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# Community Risk Assessment

June 27

2024

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# What is a Community Risk Assessment?

In 2024 ABKM Consulting with the assistance of municipal staff and fire department personnel undertook a Community Risk Assessment (CRA) in the Township of Macdonald, Meredith & Aberdeen Additional.

A CRA looks at public safety risks to inform decisions about the fire service. The CRA was done as part of overall risk management for the municipality, and to meet the requirements of Ontario Regulation 378/18: Community Risk Assessments (“the regulation” or “O. Reg. 378/18”) [i](#).

The regulation requires the following mandatory profiles be applied when assessing risks to public safety in the community:

1. Geographic
2. Building Stock
3. Critical Infrastructure
4. Demographic
5. Hazard
6. Public Safety Response
7. Community Services
8. Economic
9. Past Loss and Event History

The fire service delivery model predominant in North America is one based on emergency response. Municipalities usually staff, train, and equip their fire services to respond and deal with the emergency. This model has remained essentially unchanged for a significant time. It is expensive and not the most effective.

#### **LINK TO PUBLIC FIRE ED REPORT CARD**

<https://www.fireengineering.com/leadership/public-fire-ed-report-card-not-all-programs-effective/>

Although the number of fire emergencies is constant or even decreasing in some areas, requests for an emergency response by the fire service (i.e., 911 calls) is increasing. An objective analysis of data may identify several response types that could be reduced by examining and improving the call taking processes to better triage the calls.

**Example:** *If the call taker receives a call regarding an activated CO alarm, the call taker is to advise the caller to have everyone in the home evacuate. Without any known fire all occupants are now outside. Does, or should the response protocol change? Should the response still occur? YES, but perhaps not an emergency response! Similarly, if a MVC were to occur, and if the call taker was informed there is no fire and no person trapped, why do we send the fire service?*

The capture and analysis of pertinent data is paramount to an informed decision-making process, however fire services in general are only beginning to utilize data. Analyzing the outcomes of all emergency responses can identify fire loss trends and thus assist the community in having appropriate materials and programs available. We endorse the use of outcome-based data to aid in the development of public education material and programs supporting a reduction in the demand for emergency responses.

In considering community risk it helps to set priorities and develop strategies on how risk concerns are addressed in the community, including the development of public safety education, fire prevention and emergency response pre-planning. A fire service should have detailed pre-incident

# What is a Community Risk Assessment?

plans and protocols available electronically for each critical infrastructure, high risk occupancy and multi-residential facility. Such plans and protocols would minimize damage in the event of an emergency.

Administering the delivery of fire protection services for any community is a significant task and involves administration, training, response, inspection and enforcement, public education, health and safety, procurement, and strategic planning.

The development of a CRA will assist elected officials in gaining an understanding of the risks in their community and their role in establishing acceptable service levels. The CRA further supports direction and policy guidelines for the role an official assumes when elected to municipal government.

Fire Chiefs as Council's expert on fire service matters should provide Council with advice that is based on evidence and fact. Fire protection services is often a subject that Council members are aware of, however the details of the community risks and the efforts to reduce or eliminate them is often left to the leadership and members of the fire service. The Fire Chief and fire department personnel are the right individuals to deliver the service, however fire services and the level in which they are delivered are decisions exclusive to Council.

Although the number of fire emergencies is constant or in some cases decreasing, the overall demand for emergency response by the fire service is increasing. The Township of Macdonald, Meredith & Aberdeen Additional experience few fire emergencies and has an opportunity to implement efficiency, effectiveness, and targeted risk reduction initiatives that will further improve community fire safety.

Changes within the fire safety delivery system resulting in increased effectiveness, improved public safety, and efficiency may include and are not limited to:

- determining the number of resources sent to calls and the circumstances and information which result in being dispatched,
- tracking volunteers' arrival time at emergency scenes,
- reconsidering the type of apparatus and equipment required based on evidence and need rather than tradition,
- supporting (as the primary public safety provider) an expectation within the township, that other than training, or responding to incidents fire staff will be engaged in activities based on education and prevention,
- working with the dispatch agency to improve the triage of calls with the goal of reducing responses and gathering better-quality incident information,
- re-focusing the provision of fire services away from the historical model of emergency response to a fire incident,
- working with other municipal departments such as building, planning and social services to reduce risk and improve the well-being of the public,
- enhancing fire safety programs and implementing public education and prevention programs specifically designed for the community needs, targeting areas of greatest risk, and developing operating guidelines to ensure consistency and continuity,
- re-evaluating fire fighter's job descriptions to include increased prevention and public education activities.

# Geographic

The geographic profile of a community describes the physical features of the community including the nature and placement of features such as highways, waterways, railways, bridges, landforms, and wildland-urban interfaces. These physical features may have their own risk concerns or potentially have an impact on fire service access or response time.

The Township of Macdonald, Meredith & Aberdeen Additional has geography like other Algoma communities; however, the specific geography here is what makes Macdonald, Meredith & Aberdeen Additional unique. Being in northern Ontario hazards include the areas water features (lakes, rivers, streams, and hydro water control sites), proximity of area forests and the wildland interface. Each of those geographic structures bring risks or hazards that the community accepts and works to reduce.

## **Railway**

Huron Central Railway crosses municipal roads at four (4) locations: all level road crossings in the Township and an additional pass under Highway 17. Although most vehicles travelling these roads are aware of occasional rail traffic the opportunity exists for a collision and/or derailment to occur.

## **Highways**

Located on the TransCanada highway system, daily traffic consists of approximately six thousand (6000) to seven thousand (7000) vehicles; (over two hundred & fifty (250) every hour) hauling a wide variety of goods and persons. Area highways carry a significant amount of traffic as well, approximately six hundred and ninety (690) vehicles travel Highway 638 and nearly twelve hundred (1200) vehicles travel Highway 17B. These highways carry a wide assortment of goods including dangerous and hazardous material.

### ***LINK TO ONTARIO HIGHWAY REPORT***

<http://www.mto.gov.on.ca/english/publications/pdfs/preliminary-2020-orsar-selected-statistics.pdf>

## **Water Courses**

The lakes, rivers, streams within the township create certain risks that may increase depending on waterflow. An increased waterflow impacts rivers and streams and overall usage on standing water, both of which require consideration in Macdonald, Meredith & Aberdeen Additional.

## **Forest**

In Northern Ontario most communities have nearby forest that may impact the community should they experience a fire. Forested areas pose a serious risk likely beyond the capability of the local fire service. Most municipalities, especially those with volunteer forces, are not well equipped to deal with large or fast-moving forest fires and have agreements with the Ministry of Natural Resources and Forests (MNR)

## **Wildland Interface**

All Northern Ontario communities have a wildland interface on their boundaries and some communities have an additional risk of areas of wildland interface within or near developed areas of the municipality. Fire loads (forest debris, leaves needles branches etc.) on the forest floor in the area south of Highway 17B along the lake is significant, and as such a fire emergency in this area would likely impact nearby residences and outbuildings. Should a fire occur the egress routes may not be passible.

# Geographic

## **Municipal Footprint**

The Township of Macdonald, Meredith & Aberdeen Additional has a large landmass or footprint which creates a specific risk that should be addressed. Many properties in the township are distant from the fire station which leads to greater response times should an emergency occur.

Additionally Macdonald, Meredith & Aberdeen Additional contracts fire suppression services to Laird Township. Entering into this agreement with the best of intent, emergency fire response in support of this agreement may expose the fire fighters to additional risk. There is no indication that Laird Township meets the minimums in distribution of public education material, completes inspection(s) upon request or complaint, or has undertaken a risk assessment.

### **LINK TO EMS REPORT**

<http://www.emscc.ca/docs/bcs-tomembers/2011/InformingthePublicSept2011.pdf#:~:text=In%20recent%20years%20urban%20Fire%20departments%20in%20Ontario,share%20of%20overall%20Fire%20department%20call%20volumes%20province-wide.>

# Building Stock

This profile looks at the number of buildings, their age, and their type of use (“major occupancy classifications” in the Ontario Building Code (OBC)). In doing so potential concerns are highlighted given building use, type, or community importance. This helps in developing programs and activities to address associated risks to public safety such as fire/explosion and structural failure.

From a regulatory perspective OBC compliance is typically enforced by the municipal building department. A significant number of buildings in Macdonald, Meredith & Aberdeen Additional were built before the application of the Building Code and the risk they pose may be greater than that found in newer construction.

Specific to the risk of fire, older buildings typically do not have the same fire safety systems and equipment required in newer buildings. The Macdonald, Meredith & Aberdeen Additional fire service has limited engagement with the building department to ensure Fire Code compliance.

Building use can also influence fire risk. Industrial chemical storage facilities are likely to have a higher fire risk than commercial retail buildings. Similarly, the age and type of residential buildings (e.g. multi-residential, single-family dwelling or town/row houses) also affect the likelihood and consequence of fire.

The fire service in Macdonald, Meredith & Aberdeen Additional has not identified structures built utilizing lightweight truss construction, which may place staff at risk should a fire emergency occur in one of these buildings. The history of any building or structure may be known to a few in the community however over time this knowledge is lost.

Identified below are areas of concern surrounding existing building stock:

- Although farms are exempt from some provisions of the Ontario Fire Code, farms also pose a danger to occupants and responders alike in the event of a fire, ie: property location and size. Seventy-four (74) farming properties in the township are identified by MPAC data.
- Many of the homes in Macdonald, Meredith & Aberdeen Additional are heated with solid fuel (wood, pellets). This heating method increases fire risk to any occupants and all emergency responders.
- Without an inspection a residential property attached to a mixed-use property may present different hazards for the occupants. If attached to a commercial property, the risk comes from not knowing what processes are carried out in the commercial portion. The multi-use residential buildings in the community would benefit from proactive prevention and public education programming.
- Macdonald, Meredith & Aberdeen Additional has two hundred (200) residential properties that are not occupied by usual residents. For periods throughout the year these buildings are unoccupied and may be used to store items that are not normally found in a residence (BBQs, fuel, fire appliances). Some of the safety systems may be non-functioning (smoke alarms, CO detectors) due to lack of maintenance. An emergency response to an unoccupied property is a potential risk to responders.
- Commercial properties pose risks both from a building size as well as the processes carried out within the property. In most cases any personnel in the building during an emergency can self evacuate. The fire service does not identify they perform proactive inspections in the thirty-nine (39) commercial properties, or four (4) industrial properties located in the township.

# Critical Infrastructure

This profile explores the capabilities and limitations of critical infrastructure including electricity and water dams, storm water controls and telecommunications facilities. These facilities and services contribute to the interconnected networks, services and systems that meet vital human needs, sustain the economy, and protect public safety and security. The presence/availability and capacity of infrastructure could have a significant impact on such things as dispatch, communications, suppression operations or transportation for the community.

Macdonald, Meredith & Aberdeen Additional may have limited critical infrastructure however the infrastructure that does exist in the township is still very important. The township would benefit from pre-incident planning or response plans that detail placement of incoming apparatus, along with tasks to be accomplished, and the order in which those tasks should be performed for the best possible outcome in the event of a fire emergency.

## **Communication Towers/Facilities**

Communication towers, buildings and sites are essential to ensure proper emergency communications between emergency responders as well as with support agencies. Macdonald, Meredith & Aberdeen Additional does not have a practice of incident planning in place.

## **Water Treatment and Storage facilities**

Water treatment facilities are critical to the municipality. The facilities used to treat both potable water and wastewater use high volume - high voltage pumps and have chemicals on site for the treatment processes. Should an emergency occur incident planning is essential to ensure the safety of personnel, and to limit any damage.

## **Municipal Government**

The operations of the municipal government are expected to function, regardless of the circumstance. Pre-incident planning by the fire department will assist in reducing any loss, by educating emergency responders, planning the placement of apparatus, as well as locating and protecting the essential equipment or information located onsite.

## **Transportation Corridors**

Although much of the infrastructure along transportation routes are the responsibility of the province, locally the fire service needs to be keenly aware of any risk(s) that may impact its ability to deliver service. Should a major corridor become unusable the public need to be aware of the potential for delayed responses.



## Demographics

This profile describes the community in terms of population (size and distribution), age, gender, cultural background, level of education, socio-economic make-up, and transient population. The 2021 census and the fire service are the sources of information for this profile. Locally, the population decline identified by StatsCan is in dispute, due in part to the increase in the number of students attending the local school as well as the increase in construction activity within the township.

The demographics of a community and target audiences require consideration and respect in the development of public safety education and prevention programs, strategies, and distribution of resources. All fire safety programming and education require an awareness of population trends to be effective.

The population of Macdonald, Meredith & Aberdeen Additional is listed by StatsCan as 1513 and the number of residents in the township at any given moment fluctuates. Routinely, for various reasons residents travel outside of the community and similarly persons from other communities travel into Macdonald, Meredith & Aberdeen Additional.

During summer months the visitor population increases as many visitors reside at their summer or vacation properties. The transient nature of the population in Macdonald, Meredith & Aberdeen Additional suggests the risks associated are dynamic. To be effective fire safety programming and education should be aware of the population trends.

In Macdonald, Meredith & Aberdeen Additional approximately twelve percent (12%) of the population attend the elementary school located in the community. Secondary school students account for approximately five percent (5%) of the population and attend school outside the township. As well twenty percent (20%) of the residents are aged sixty-five (65) or greater. Each group requires individual programming to aid in understanding public fire safety.

## Population (breakdown by age)

**LINK (Sourced from Statistics Canada):**

[Profile table, Census Profile, 2021 Census of Population - Macdonald, Meredith and Aberdeen Additional, Township \(TP\) \[Census subdivision\], Ontario \(statcan.gc.ca\)](#)

*The following population distribution chart can assist with identifying high-risk or vulnerable demographic groups in your community.*

Ages of Population	# of People	% of Total Population
0-4	95	6.28 %
5-9	95	6.28 %
10-14	85	5.62 %
15-19	70	4.63 %
20-24	65	4.30 %
25-29	70	4.63 %
30-34	110	7.27 %
35-39	75	4.96 %
40-44	85	5.62 %
45-49	90	5.95 %
50-54	110	7.27 %
55-59	125	8.26 %
60-64	140	9.25 %
65-69	105	6.94 %
70-74	100	6.61 %
75-79	45	2.97 %
80-84	30	1.98 %
85 and over	20	1.32 %

# Hazard

Hazard profile refers to the hazards in the community, including natural hazards, hazards caused by humans, and technological hazards. This includes but is not limited to, hazardous material spills, floods, freezing rain/ice storms, forest fires, hurricanes, tornadoes, transportation emergencies (i.e. air, rail, or road), snowstorms, windstorms, extreme temperature, cyber-attacks, human health emergencies, and energy supply (i.e. pipelines, storage and terminal facilities, electricity, natural gas and oil facilities, etc.).

The Township should consider all potential hazards that pose a significant risk to, or may have a significant impact on the community, and to which the fire department is expected to respond. Examining the Hazard Identification and Risk Assessment (HIRA) contained within the Township's Emergency Response Plan, hazards with the highest priorities should be considered within the Community Risk Assessment as the fire service will likely be the initial responding agency and be in place prior to an emergency declaration.

High hazards focus on widespread system failures, electricity and telecommunication systems and transportation mishaps. These systems often fail during extreme weather events initiating a demand for fire service personnel, not as a fire response but from an Emergency Management perspective. Structure and wildland fire responses are also high hazards that will need a cooperative approach with Emergency Management.

Not all municipal emergencies are a result of activity or events that occur within the community declaring the emergency. The potable water emergency experienced in Macdonald, Meredith & Aberdeen Additional in 2022 is a situation that required the Township to act, yet the circumstances that led to the emergency declaration occurred outside municipal boundaries.

Emergencies can occur within the Township of Macdonald, Meredith & Aberdeen Additional. The Township has determined the most likely to occur are:

1. Fire Explosion
2. Transportation events
3. Extreme weather-related events
4. Flooding
5. Snowstorm
6. Windstorm
7. Forest fire
8. Drought

# Public Safety Response

This profile outlines the response capabilities of incidents responded to by other entities. These are other public safety response agencies (such as police, ambulance, rescue) that might be tasked to, or able to help in some way with emergency response, or with addressing the impact of an emergency.

This profile also has the potential to contribute toward an understanding of incident-related data. Data from other public safety response agencies could assist in recognizing potential interdependencies and the mutual benefit of a tiered or joint response in addressing risks to public safety. Analysis of data may identify opportunities to further explore the treatment of risk based or shared responsibilities.

## **Police**

The OPP provide policing services to the Township of Macdonald, Meredith & Aberdeen Additional. The OPP may not always have members within the township, and should an emergency occur the local fire service responds and remains on scene until policing services arrive. An opportunity exists to partner with the OPP to enhance public safety awareness and participate on a regular basis during events held in the community.

## **Emergency Medical Service**

Paramedic services answering to the Algoma District Services Administration Board provide Emergency Medical Services (EMS) in the Township of Macdonald, Meredith & Aberdeen Additional. Most fire services have a tiered response agreement with the primary EMS provider to support should they be delayed; however Macdonald, Meredith & Aberdeen Additional is without an agreement and responds if requested.

## **Public Health**

Algoma Public Health provides supportive services throughout the Algoma District. These services may be utilized by the emergency responder and residents alike. Fire fighters often find themselves in circumstances where material or resources from public health agencies would assist the victims of an emergency.

## **Highway Maintenance Provider**

The province hires a contractor to provide services along all provincial highways which include responding to emergencies to perform services related to the highway (signage, closures, detours, repairs to provincial property etc.) The Township does not have an agreement with the highway maintenance contractor to provide a timely response in the event of a highway emergency. This leaves the emergency responders performing tasks to ensure the scene safety and not focusing on the provision of fire department related tasks.

## **Railway Safety (Police)**

The Huron Central railway and its policing agency are not engaged by the Township of Macdonald, Meredith & Aberdeen Additional, nor is it apparent that they are involved in safety programming along its right of way.

## **Ministry of Natural Resources and Forestry**

The Township may not be staffed or equipped with sufficient resources to support a forest fire should it occur. This is not unusual as most communities enter into agreement with the MNR. To reduce the risk of fire a suggested improvement to the existing agreement with MNRF is the inclusion of proactive messaging, and prevention activities such as prescribed burns.

# Community Services

This profile describes the types of services provided by other groups in the community and their respective service capabilities. The presence and potential abilities of other agencies, organizations, or associations to provide services may assist in mitigating the impact of emergencies to which the fire service responds. These community services also have the potential to reduce risks to public safety by providing a means of delivering public education and prevention programs. Although most fire services deliver fire safety programming in some form, developing partnerships with area agencies will likely increase the audience and improve the overall number of residents being directly engaged.

## **Service Clubs**

Service clubs (ie: Elks Club) have a mandate to support a wide range of programs aimed at improving the lives of the public. These programs may be local or international and as such the fire department could engage the club to explore opportunities that may mutually benefit the residents of Macdonald, Meredith & Aberdeen Additional.

## **Places of Worship**

Places of worship are gathering places within our communities and with that in mind the opportunity to share public safety information with the congregation exists.

## **Red Cross**

The Canadian Red Cross may provide emergency and disaster services in partnership with first responders, emergency managers, public officials, and in collaboration with other volunteer sector organizations. These services may include emergency lodging, reception and information, emergency food and clothing, personal services, and family reunification.

## Economic

Economic profile refers to the economic sectors affecting the community that are critical to its financial sustainability. For example, if a town has a large industrial or commercial occupancy that has a significant impact on the local economy the fire department may consider increasing its public fire safety education and fire code inspection and enforcement activities to reduce the probability of a significant incident requiring a large-scale emergency response.

Macdonald, Meredith & Aberdeen Additional has few industrial and commercial properties that would employ a large number of the local workforce however the mid-sized industry that exists in the township remains an important economic factor. Without these employers, communities begin to decline.

The Macdonald, Meredith & Aberdeen Additional fire service is not aware of the current count of employees at each of the commercial properties within the township, and the Township does not identify the economic value of any enterprise within its boundaries. The loss to the local economy of any single property is unknown. It would benefit the Township in planning its service delivery to be aware of the number of employees and economic value of area businesses.

## Past Event and Loss History

Standard Incident Report data (2009-2022) provided by the Office of the Fire Marshal ([Appendix 'C'](#)) reveal the percentage of call types with the greatest number of responses.

1. Rescue calls - nineteen percent (19%),
2. False alarms - fifteen-point five percent (15.5%),
3. Property fires - fifteen percent (15%).

Heating appliances and equipment failures (including chimneys), misuse of open flame and other electrical equipment failure have been a consistent cause of fires. As well fires at area farms are a potential high dollar loss occurrence in Macdonald, Meredith & Aberdeen Additional. Beneficial to the community would be targeted programs that could reduce or eliminate these fire occurrences or risks.

Macdonald, Meredith & Aberdeen Additional Fire Department has not identified a records managements system (RMS) in use that captures occurrences regarding public education and fire prevention. The department would benefit from an electronic system offering an effective way to schedule and track the public education messages; when, where, and how the messages are being delivered, along with a means of identifying the audience demographic and residence location. Develop a process for review of the RMS as part of ongoing development of fire prevention and public education strategies and require documentation and a procedure for secure storage of records.

Macdonald, Meredith & Aberdeen Additional Fire Department does not have a scheduled inspection program for commercial properties and would benefit by scheduling inspections in all multi-use facilities, commercial and multi-residential properties throughout the community.

Fire cause determination should be reviewed and augmented to ensure the cause of every fire response is known. Designate staff as lead for fire investigations who have or will receive advanced training.

A continued analysis of fire cause(s) will aid in the development of education programs and materials to address fire concerns specific to Macdonald, Meredith & Aberdeen Additional. All too often fire services deliver prevention/public education programs based on fire causes that may not be predominant in the local community. It is not that the efforts are wasted however the community may be better served if the programs were suitably targeted.

# Municipal Fires: Overview Property Class, Injuries, Cause, Ignition Source (2009-2022) - Summary

(Data Source: OFM SIR reporting)

## Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source

### MacDonald, Meredith & Aberdeen Add'l

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.



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#### Summary: Total Emergency calls (fires and non fire calls), including Vehicle fires

	Total	A. Loss Fire Structure	B. Loss Fire Other	C. Loss Fire Vehicle	D. No loss Fire	E. No loss Fire EXCLUDED	F. Non fire call
2011	26	0	0	0	1	0	25
2012	27	0	0	0	3	1	23
2013	16	1	0	0	2	0	13
2014	18	0	0	0	0	0	18
2015	28	6	0	1	0	3	18
2016	19	0	0	0	0	0	19
2017	21	0	0	0	0	0	21
2018	20	1	0	1	1	1	16
2019	11	0	1	0	0	4	6
2020	18	1	0	0	0	3	14
2021	27	1	0	2	0	1	23
2022	20	1	0	0	1	1	17



## Conclusion

Fundamentally discussions regarding components of fire protection services are usually identified as the “Three Lines of Defence”:

- 1) public education,
- 2) fire prevention and code enforcement,
- 3) emergency response.

As a society we remain focused on fire departments providing the third line or emergency response and as a society we need to refocus our resources toward activities and programs that will improve outcomes to our residents. Emergency response is still required however public education, inspection and code enforcement should play a more prominent role within the delivery of fire protection service. Every response by Macdonald, Meredith & Aberdeen Additional fire service creates an opportunity for the fire service members to engage the public and impart public fire safety education.

The fire service of Macdonald, Meredith & Aberdeen Additional Standard Operating Guidelines does not include any procedures to guide fire fighters to assist with the provision of fire prevention and/or public education activities. An opportunity exists to refocus the activity of the Macdonald, Meredith & Aberdeen Additional Fire Department onto prevention activity by all staff. Suppression staff performing or assisting in prevention activities lowers community risk of fire.

Reform all protocol for responses to automatic alarms, such as smoke and carbon monoxide, to reduce the number of trucks responding in emergency mode. Macdonald, Meredith & Aberdeen Additional fire service should work with its call taking agency to examine call taking and dispatch methods improving the process, permitting the correct resources to attend as required.

Improve measurement of performance and outcomes. Macdonald, Meredith & Aberdeen Additional should use whatever means necessary to gather event activity and outcome data for all its activities and use that data to inform themselves and work with the fire dispatch agency to re-establish a dispatch protocol determining which incident types, and under what circumstances fire will attend.

Avoid continued response to incidents because of traditional response practices. As an example, determine from experience the number of automatic/false alarms resulting from a fire compared to those that were called in. From that data determine the effectiveness of automatic alarms and develop education programs to inform property owners and building occupants of requirements for maintenance.

Macdonald, Meredith & Aberdeen Additional fire service should examine their job descriptions and ensure fire service activities support the priorities of the Township. Staff should be assigned to review, redevelop and present to Council an Establishing and Regulating By-Law that aligns with the strategies of the Township of Macdonald, Meredith & Aberdeen Additional. The by-law should approve the services to be provided based on legislation and evidence of need, along with the level of service the residents of Macdonald, Meredith & Aberdeen Additional can expect.

The existing agreement with Laird Township does not provide for the provision of public education or fire prevention inspections and code enforcement. Macdonald, Meredith and Aberdeen Additional fire fighters respond to emergencies in Laird without knowing if the residents have been provided with the basic fire safety education, or if the buildings they are approaching or entering are compliant with existing fire safety legislation. The emergency response includes risks that may be associated with mental health as well as industrial diseases and exposure to cancer causing agents. Some of this risk can be mitigated by ensuring Laird delivers public education, fire prevention and code enforcement activities as required by existing legislation.

## Conclusion

Macdonald, Meredith & Aberdeen Additional should acquire data software that permits data to be captured, stored, and analyzed. Once analyzed the information can be utilized to make informed decisions. A data system that could be utilized for the purposes above is likely beyond the financial capability of a single department. Partnerships should be considered with neighbouring municipalities to offset the costs.

The fire department is currently making best-effort decisions that are well-intentioned but not always supported by data or science. There are many studies related to medical calls and response times, and the accepted figure is that fewer than five percent are time sensitive. Macdonald, Meredith & Aberdeen Additional should seek medical guidance to help identify which medical incidents they ought to respond to.

Listed below are factors for Council's consideration:

- The council should establish a service level based on risk assessment. Other jurisdictions have moved away from a time-factored service to an integrated risk assessment that may apply differently in areas of the Township.
- Council should be aware of the commitment (in time and money) that may be required for staff training and equipment to deliver a specific service.
- Council also needs to have a visible and expressed position of supporting the future fire protection in the Township.
- Council should approve a policy supporting diversity within its fire service workforce and ensure township facilities are equipped appropriately (washrooms, showers, clothing etc.).
- Council should ask municipal staff to examine the cost of each fire department call-out to non-fires and determine if the costs associated can be recovered through the fees for service.
- Council should consider augmenting the volunteer fire fighters by employing students/interns to deliver public safety messages and other functions that provide for the wellbeing of its residents.

# From Risk Assessment to Risk Treatment

Risk can be addressed in many ways. For the purposes of this assessment, the risks to public safety will be addressed using these four options:

- Avoid - Eliminate the hazard
- Mitigate - Reduce probability or impact of the risk
- Accept - Respond should an incident occur
- Transfer - Transfer the risk to another party

## Recognized Risk and Treatment Plan

### Geographic Profile

<b>Risk:</b>	<b>Highways</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional should approach the maintenance contractor/Province and establish an agreement detailing the responsibilities for each party.</li> <li>- Engage the call taking agency with a request to capture relevant information regarding all highway incidents.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Railway</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The fire service should engage the railway owner and establish an agreement to co-operate and share public messaging regarding railway safety.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Water/Lake</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The Township does have public access points to area rivers and lakes. All public access points should have public education material and signage providing users with an emergency access number.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Building Stock Profile

<b>Risk:</b>	<b>Older Construction</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional fire department working in conjunction with the building department should identify older construction that was built prior to the implementation of the building and/or fire codes.</li> <li>- Once identified, targeted public education and fire prevention programs should be implemented and tracked in these buildings.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Lack of knowledge of buildings utilizing light-weight construction</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional fire service, in cooperation with the building department should develop a list of properties utilizing light-weight construction.</li> <li>- Develop response plans to ensure the safety of residents and fire service members in the event of a fire.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Fire service involvement in planning and approval process</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The Township should ensure all relevant municipal departments cooperate in the planning and approval process, and the engagement be recorded to maintain continuity of information. (ie: Public works, fire department, building and planning).</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Critical Infrastructure Profile

<b>Risk:</b>	<b>Communication site and towers</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Inspections should be completed where required to ensure these properties are meeting any code requirements.</li> <li>- Put in place a detailed emergency response plan and should an emergency occur; the plans should be available to all emergency responders.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Transportation corridors</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Response plans should be developed to ensure any occurrence or failure of these systems do not impact the service delivery.</li> <li>- Confirm methods of communication by the highway contractor are in place that ensure timely notification if any failure occurs on the provincial highway.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Demographic Profile

<b>Risk:</b>	<b>Public education programs not targeted</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Detailed analysis of each response is required to ensure corresponding public education and fire prevention programs and educational material are available in Macdonald, Meredith &amp; Aberdeen Additional.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Local at-risk populations not identified</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Detailed analysis of each response is required to ensure the demographics of those impacted are captured ensuring timely and appropriate material for prevention and public education programs are available after an incident.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Diversity in the fire service</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional fire service should be working to ensure the residents are served by a delivery agency that is similar in diversity to the population being served.</li> <li>- The existing by-law should be examined to ensure the hiring process is free of any barriers (real or perceived) and supports diversity.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Public Safety Profile

<b>Risk:</b>	<b>Lack of formal relationships with Policing agencies</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional fire service should consider formal partnerships with the policing agencies to permit improved efficiency and effectiveness of shared public safety programming.</li> <li>- Joint training exercises should be considered to inform responders of the responsibilities of each responding agency.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Lack of formal relationships or agreements with EMS provider</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The fire service should engage the EMS provider and establish an agreement to co-operate and share public messaging regarding safety, roles and responsibilities in joint responses.</li> <li>- Revise or establish agreements requiring an emergency response by the Macdonald, Meredith &amp; Aberdeen Additional fire service due to delayed EMS response.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Lack of agreement with Highway Maintenance Contractor</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The Township should engage the contractor and establish an agreement supporting improved response by the contractor to highway emergencies.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Improved relations with Algoma Public Health</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The Township should engage Algoma Public Health for opportunities to share public information regarding the health and welfare of residents they encounter, as well as their own responders.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Lack of formal relationship with Algoma District Services Administration Board (ADSAB)</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The Township should engage with the ADSAB to establish a sharing arrangement on concerns that may be of mutual interest (Public safety in social housing).</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Hazard Profile

<b>Risk:</b>	<b>Emergency responses that may initiate a municipal emergency</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The Township of Macdonald, Meredith &amp; Aberdeen Additional should examine its emergency procedures in the event a municipal emergency occurs when the fire service is already deployed, (ie: transportation accident or wildfire incidents).</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Community Services Profile

<b>Risk:</b>	<b>Lack of agreements with local service clubs</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Engage the area service clubs (ie: Elks Club) and explore opportunities supporting the distribution of public education materials.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Lack of partnerships with places of worship</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The fire department should explore opportunities to work with places of worship in the delivery of public safety messaging.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Lack of an agreement with Red Cross</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Engage the Red Cross and explore opportunities supporting the distribution of public education materials and with victim support during emergencies.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	



## Economic Profile

<b>Risk:</b>	<b>Lack of knowledge of economic impact of a fire occurring at any property</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- The Township of Macdonald, Meredith &amp; Aberdeen Additional should perform a review of area businesses and determine the number of employees in each, and the economic value of commercial properties.</li> <li>- Targeted programs should be implemented that assist local industry to ensure fire safe operations at all sites and emergency response plans for each property are established and shared with staff.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>School aged children schooled outside of Township</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Work with the school board to ensure all area students are receiving public safety messaging as some students attend school outside of the Township Macdonald, Meredith &amp; Aberdeen Additional.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Past Loss and Event History Profile

<b>Risk:</b>	<b>Fire cause not always determined</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional fire service should determine the cause of each fire and have skilled staff available in this role (<i>appreciating that because of the amount of destruction it may be impossible to determine the cause of a fire</i>).</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Lack of Standard Operating Procedures (SOPs) for fire prevention</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- All fire department staff should be engaged in fire prevention and public education activities within the township.</li> <li>- Develop SOPs to ensure the delivery of these activities is consistent.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Fire prevention inspections</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional fire service should increase its presence in the community by performing additional fire safety inspections, recording the fire service actions, and completing an analysis of all violations.</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	
<b>Risk:</b>	<b>Forest fire-wildland interface prevention programs</b>
<input type="checkbox"/> Avoid	
<input checked="" type="checkbox"/> Mitigate	<p><i>Treatment plan:</i></p> <ul style="list-style-type: none"> <li>- Macdonald, Meredith &amp; Aberdeen Additional fire service should promote and deliver prevention programs designed to reduce and eliminate wildland and forest fire risks. (ie: Firesmart)</li> </ul>
<input type="checkbox"/> Accept	
<input type="checkbox"/> Transfer	

## Appendix A: Regulation

Ontario Regulation 378/18: **Community Risk Assessments** (O. Reg. 378/18) requires that every municipality and every fire department in a territory without municipal organization complete a community risk assessment and use it to inform decisions on the provision of fire protection services.

Link to Regulation: [O. Reg. 378/18: COMMUNITY RISK ASSESSMENTS \(ontario.ca\)](#)

# Appendix B: Municipal Fires: Overview Property Class, Injuries, Cause Ignition Source (2009–2022) – Comprehensive Report

(Data Source: OFM SIR reporting)

## Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source

### MacDonald, Meredith & Aberdeen Add'l

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.



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#### Summary: Total Emergency calls (fires and non fire calls), including Vehicle fires

	Total	A. Loss Fire Structure	B. Loss Fire Other	C. Loss Fire Vehicle	D. No loss Fire	E. No loss Fire EXCLUDED	F. Non fire call
2011	26	0	0	0	1	0	25
2012	27	0	0	0	3	1	23
2013	16	1	0	0	2	0	13
2014	18	0	0	0	0	0	18
2015	28	6	0	1	0	3	18
2016	19	0	0	0	0	0	19
2017	21	0	0	0	0	0	21
2018	20	1	0	1	1	1	16
2019	11	0	1	0	0	4	6
2020	18	1	0	0	0	3	14
2021	27	1	0	2	0	1	23
2022	20	1	0	0	1	1	17

**Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source**



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**MacDonald, Meredith & Aberdeen Add'l**

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.

Table 1: Fires by Property Category		2011	2012	2013	2015	2018	2019	2020	2021	2022
<b>Total</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>
	<b>INJURIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>FATALITIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>EST \$ LOSS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$940,000</b>	<b>\$35,000</b>	<b>\$1,500</b>	<b>\$25,000</b>	<b>\$105,000</b>	<b>\$10,000</b>
	<b>NOLOSS FIRES</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>2</b>
<b>STRUCTURE</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
	<i>% of Loss fires</i>	<i>0%</i>	<i>0%</i>	<i>100%</i>	<i>86%</i>	<i>50%</i>	<i>0%</i>	<i>100%</i>	<i>33%</i>	<i>100%</i>
	<b>INJURIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Injuries</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>100%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	<b>FATALITIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Fatalities</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
<b>EST \$ LOSS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,000</b>	<b>\$935,000</b>	<b>\$25,000</b>	<b>\$0</b>	<b>\$25,000</b>	<b>\$78,000</b>	<b>\$10,000</b>	
<i>% of Est. \$ Loss</i>	<i>0%</i>	<i>0%</i>	<i>100%</i>	<i>99%</i>	<i>71%</i>	<i>0%</i>	<i>100%</i>	<i>74%</i>	<i>100%</i>	
<b>NOLOSS FIRES</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>OUTDOOR</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Loss fires</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>100%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	<b>INJURIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Injuries</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	<b>FATALITIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Fatalities</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
<b>EST \$ LOSS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,500</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<i>% of Est. \$ Loss</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>100%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	
<b>NOLOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	
<b>VEHICLE</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
	<i>% of Loss fires</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>14%</i>	<i>50%</i>	<i>0%</i>	<i>0%</i>	<i>67%</i>	<i>0%</i>
	<b>INJURIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Injuries</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	<b>FATALITIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Fatalities</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
<b>EST \$ LOSS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,000</b>	<b>\$10,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$27,000</b>	<b>\$0</b>	
<i>% of Est. \$ Loss</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>1%</i>	<i>29%</i>	<i>0%</i>	<i>0%</i>	<i>26%</i>	<i>0%</i>	
<b>NOLOSS FIRES</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>No Loss outdoor fires EXCLUDED</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Loss fires</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	<b>INJURIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Injuries</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	<b>FATALITIES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Fatalities</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
<b>EST \$ LOSS</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<i>% of Est. \$ Loss</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	
<b>NOLOSS FIRES</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>1</b>	

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent. 0% indicates that the percentage is less than 1.

LOSS fires: fires with a report of injury, fatality or \$ loss damage. NOLOSS fires: fires with \$0 loss damage and 0 injury and 0 fatality reported.

No loss fires Excluded: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source

MacDonald, Meredith & Aberdeen Add'l

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.



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Table 2: Fires by Property Class		2011	2012	2013	2015	2018	2020	2021	2022
<b>Total</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
	<b>INJURIES</b>	0	0	0	1	0	0	0	0
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0
	<b>EST \$ LOSS</b>	\$0	\$0	\$30,000	\$935,000	\$25,000	\$25,000	\$78,000	\$10,000
	<b>NOLOSS FIRES</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Group A Assembly</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Loss fires</i>	0 %	0 %	0 %	17 %	0 %	0 %	0 %	0 %
	<b>INJURIES</b>	0	0	0	1	0	0	0	0
	<i>% of injuries</i>	0 %	0 %	0 %	100 %	0 %	0 %	0 %	0 %
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0
	<i>% of fatalities</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$525,000	\$0	\$0	\$0	\$0	
<i>% of Est \$ loss</i>	0 %	0 %	0 %	56 %	0 %	0 %	0 %	0 %	
<b>NOLOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Group C Residential</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<i>% of Loss fires</i>	0 %	0 %	100 %	33 %	100 %	0 %	100 %	0 %
	<b>INJURIES</b>	0	0	0	0	0	0	0	0
	<i>% of injuries</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0
	<i>% of fatalities</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
<b>EST \$ LOSS</b>	\$0	\$0	\$30,000	\$160,000	\$25,000	\$0	\$78,000	\$0	
<i>% of Est \$ loss</i>	0 %	0 %	100 %	17 %	100 %	0 %	100 %	0 %	
<b>NOLOSS FIRES</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Group D Business and Personal Services</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of Loss fires</i>	0 %	0 %	0 %	33 %	0 %	0 %	0 %	0 %
	<b>INJURIES</b>	0	0	0	0	0	0	0	0
	<i>% of injuries</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0
	<i>% of fatalities</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$170,000	\$0	\$0	\$0	\$0	
<i>% of Est \$ loss</i>	0 %	0 %	0 %	18 %	0 %	0 %	0 %	0 %	
<b>NOLOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>Group F Industrial</b>	<b>LOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<i>% of Loss fires</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	100 %
	<b>INJURIES</b>	0	0	0	0	0	0	0	0
	<i>% of injuries</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0
	<i>% of fatalities</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,000	
<i>% of Est \$ loss</i>	0 %	0 %	0 %	0 %	0 %	0 %	0 %	100 %	
<b>NOLOSS FIRES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent, 0% indicates that the percentage is less than 1.

LOSS fires: fires with a report of injury, fatality or \$loss damage. NOLOSS fires: fires with \$0 loss damage and 0 injury and 0 fatality reported.

NOLOSS fires Excluded: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source



MacDonald, Meredith & Aberdeen Add'l

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.

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		2011	2012	2013	2015	2018	2020	2021	2022
<b>Structures/Properties not classified by O.B.C.</b>	<b>LOSS FIRES</b>	0	0	0	1	0	0	0	0
	% of Loss fires	0%	0%	0%	17%	0%	0%	0%	0%
	<b>INJURIES</b>	0	0	0	0	0	0	0	0
	% of injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0
	% of fatalities	0%	0%	0%	0%	0%	0%	0%	0%
	<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0
% of Est \$ loss	0%	0%	0%	9%	0%	0%	0%	0%	
<b>NOLOSS FIRES</b>	0	0	0	0	0	0	0	0	
<b>Classified under National Farm Building Code</b>	<b>LOSS FIRES</b>	0	0	0	0	0	1	0	0
	% of Loss fires	0%	0%	0%	0%	0%	100%	0%	0%
	<b>INJURIES</b>	0	0	0	0	0	0	0	0
	% of injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0
	% of fatalities	0%	0%	0%	0%	0%	0%	0%	0%
	<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0
% of Est \$ loss	0%	0%	0%	0%	0%	100%	0%	0%	
<b>NOLOSS FIRES</b>	0	1	0	0	0	0	0	0	

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent, 0% indicates that the percentage is less than 1.

LOSS fires: fires with a report of injury, fatality or \$ loss damage. NOLOSS fires: fires with \$0 loss damage and 0 injury and 0 fatality reported.

No loss fires Excluded: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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**Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source**

**MacDonald, Meredith & Aberdeen Add'l**

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.



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**Table 3a: Civilian STRUCTURE Fire Injuries and Fire Fatalities by Property Class**

		2011	2012	2013	2015	2018	2020	2021	2022
<b>Total</b>	<b>Civilian fire injuries</b>	0	0	0	0	0	0	0	0
	<b>Civilian fire fatalities</b>	0	0	0	0	0	0	0	0
<b>Group A Assembly</b>	<b>Civilian fire injuries</b>	0	0	0	0	0	0	0	0
	% of civilian injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Civilian fire fatalities</b>	0	0	0	0	0	0	0	0
	% of civilian fatalities	0%	0%	0%	0%	0%	0%	0%	0%
<b>Group C Residential</b>	<b>Civilian fire injuries</b>	0	0	0	0	0	0	0	0
	% of civilian injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Civilian fire fatalities</b>	0	0	0	0	0	0	0	0
	% of civilian fatalities	0%	0%	0%	0%	0%	0%	0%	0%
<b>Group D Business and Personal Services</b>	<b>Civilian fire injuries</b>	0	0	0	0	0	0	0	0
	% of civilian injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Civilian fire fatalities</b>	0	0	0	0	0	0	0	0
	% of civilian fatalities	0%	0%	0%	0%	0%	0%	0%	0%
<b>Group F Industrial</b>	<b>Civilian fire injuries</b>	0	0	0	0	0	0	0	0
	% of civilian injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Civilian fire fatalities</b>	0	0	0	0	0	0	0	0
	% of civilian fatalities	0%	0%	0%	0%	0%	0%	0%	0%
<b>Structures/Properties not classified by O.B.C.</b>	<b>Civilian fire injuries</b>	0	0	0	0	0	0	0	0
	% of civilian injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Civilian fire fatalities</b>	0	0	0	0	0	0	0	0
	% of civilian fatalities	0%	0%	0%	0%	0%	0%	0%	0%
<b>Classified under National Farm Building Code</b>	<b>Civilian fire injuries</b>	0	0	0	0	0	0	0	0
	% of civilian injuries	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Civilian fire fatalities</b>	0	0	0	0	0	0	0	0
	% of civilian fatalities	0%	0%	0%	0%	0%	0%	0%	0%

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent. 0% indicates that the percentage is less than 1.

**LOSS fires:** fires with a report of injury, fatality or \$ loss damage. **NOLOSS fires:** fires with \$0 loss damage and 0 injury and 0 fatality reported.

**No loss fires Excluded: (OFM response code 3)** fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source



MacDonald, Meredith & Aberdeen Add'l

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.

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Table 3b: Firefighter Injuries and Fatalities by STRUCTURE Property Class		2011	2012	2013	2015	2018	2020	2021	2022
<b>Total</b>	<b>Firefighter injuries</b>	0	0	0	1	0	0	0	0
	<b>Firefighter fatalities</b>	0	0	0	0	0	0	0	0
<b>Group A Assembly</b>	<b>Firefighter injuries</b>	0	0	0	1	0	0	0	0
	<i>% of FF injuries</i>	0%	0%	0%	100%	0%	0%	0%	0%
	<b>Firefighter fatalities</b>	0	0	0	0	0	0	0	0
	<i>% of FF fatalities</i>	0%	0%	0%	0%	0%	0%	0%	0%
<b>Group C Residential</b>	<b>Firefighter injuries</b>	0	0	0	0	0	0	0	0
	<i>% of FF injuries</i>	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Firefighter fatalities</b>	0	0	0	0	0	0	0	0
	<i>% of FF fatalities</i>	0%	0%	0%	0%	0%	0%	0%	0%
<b>Group D Business and Personal Services</b>	<b>Firefighter injuries</b>	0	0	0	0	0	0	0	0
	<i>% of FF injuries</i>	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Firefighter fatalities</b>	0	0	0	0	0	0	0	0
	<i>% of FF fatalities</i>	0%	0%	0%	0%	0%	0%	0%	0%
<b>Group F Industrial</b>	<b>Firefighter injuries</b>	0	0	0	0	0	0	0	0
	<i>% of FF injuries</i>	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Firefighter fatalities</b>	0	0	0	0	0	0	0	0
	<i>% of FF fatalities</i>	0%	0%	0%	0%	0%	0%	0%	0%
<b>Structures/Properties not classified by O.B.C.</b>	<b>Firefighter injuries</b>	0	0	0	0	0	0	0	0
	<i>% of FF injuries</i>	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Firefighter fatalities</b>	0	0	0	0	0	0	0	0
	<i>% of FF fatalities</i>	0%	0%	0%	0%	0%	0%	0%	0%
<b>Classified under National Farm Building Code</b>	<b>Firefighter injuries</b>	0	0	0	0	0	0	0	0
	<i>% of FF injuries</i>	0%	0%	0%	0%	0%	0%	0%	0%
	<b>Firefighter fatalities</b>	0	0	0	0	0	0	0	0
	<i>% of FF fatalities</i>	0%	0%	0%	0%	0%	0%	0%	0%

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent, 0% indicates that the percentage is less than 1.

**LOSS fires:** fires with a report of injury, fatality or \$ loss damage. **NOLOSS fires:** fires with \$0 loss damage and 0 injury and 0 fatality reported.

**No loss fires Excluded: (OFM response code 3)** fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source

MacDonald, Meredith & Aberdeen Add'l

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.



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Table 4: Fires by Possible Cause

			2011	2012	2013	2015	2018	2020	2021	2022	
STRUCTURE	Total	LOSS FIRES	0	0	1	6	1	1	1	1	
		INJURIES	0	0	0	1	0	0	0	0	
		FATALITIES	0	0	0	0	0	0	0	0	
		EST \$ LOSS	\$0	\$0	\$30,000	\$935,000	\$25,000	\$25,000	\$78,000	\$10,000	
		NOLOSS FIRES	1	2	1	0	1	0	0	0	
	Intentional	Total	LOSS FIRES	0	0	0	0	0	0	0	0
			% of Loss fires	0%	0%	0%	0%	0%	0%	0%	0%
			INJURIES	0	0	0	0	0	0	0	0
			% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%
			FATALITIES	0	0	0	0	0	0	0	0
		% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	
		EST \$ LOSS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		% of Est \$ loss	0%	0%	0%	0%	0%	0%	0%	0%	
		NOLOSS FIRES	0	0	0	0	1	0	0	0	
		Arson	LOSS FIRES	0	0	0	0	0	0	0	0
	% of Loss fires		0%	0%	0%	0%	0%	0%	0%	0%	
	INJURIES		0	0	0	0	0	0	0	0	
	% of Injuries		0%	0%	0%	0%	0%	0%	0%	0%	
	FATALITIES		0	0	0	0	0	0	0	0	
	% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%		
EST \$ LOSS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
% of Est \$ loss	0%	0%	0%	0%	0%	0%	0%	0%			
NOLOSS FIRES	0	0	0	0	1	0	0	0			
Unintentional	Total	LOSS FIRES	0	0	1	4	1	1	1	1	
		% of Loss fires	0%	0%	100%	67%	100%	100%	100%	100%	
		INJURIES	0	0	0	1	0	0	0	0	
		% of Injuries	0%	0%	0%	100%	0%	0%	0%	0%	
		FATALITIES	0	0	0	0	0	0	0	0	
		% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	
		EST \$ LOSS	\$0	\$0	\$30,000	\$765,000	\$25,000	\$25,000	\$78,000	\$10,000	
	% of Est \$ loss	0%	0%	100%	82%	100%	100%	100%	100%		
	NOLOSS FIRES	1	2	1	0	0	0	0	0		
	Design/Construction/Maintenance deficiency	LOSS FIRES	0	0	0	1	1	0	0	0	
		% of Loss fires	0%	0%	0%	17%	100%	0%	0%	0%	
		INJURIES	0	0	0	0	0	0	0	0	
		% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	
		FATALITIES	0	0	0	0	0	0	0	0	
		% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	
EST \$ LOSS		\$0	\$0	\$0	\$80,000	\$25,000	\$0	\$0	\$0		
% of Est \$ loss		0%	0%	0%	9%	100%	0%	0%	0%		
NOLOSS FIRES	1	0	0	0	0	0	0	0			

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent. 0% indicates that the percentage is less than 1.

LOSS fires: fires with a report of injury, fatality or \$ loss damage. NOLOSS fires: fires with \$0 loss damage and 0 injury and 0 fatality reported.

Loss fires Excluded: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source



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Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

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Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.

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				2011	2012	2013	2015	2018	2020	2021	2022	
STRUCTURE	Unintentional	Mechanical/Electrical Failure	LOSS FIRES	0	0	0	1	0	0	0	0	
			% of Loss fires	0 %	0 %	0 %	17 %	0 %	0 %	0 %	0 %	
			INJURIES	0	0	0	0	0	0	0	0	0
			% of Injuries	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
			FATALITIES	0	0	0	0	0	0	0	0	0
			% of Fatalities	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
			EST \$ LOSS	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0
			% of Est \$ loss	0 %	0 %	0 %	9 %	0 %	0 %	0 %	0 %	0 %
			NOLOSS FIRES	0	1	0	0	0	0	0	0	0
			Misuse of ignition source/material first ignited	LOSS FIRES	0	0	1	1	0	0	0	0
	% of Loss fires	0 %		0 %	100 %	17 %	0 %	0 %	0 %	0 %	100 %	
	INJURIES	0		0	0	0	0	0	0	0	0	
	% of Injuries	0 %		0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	
	FATALITIES	0		0	0	0	0	0	0	0	0	
	% of Fatalities	0 %		0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	
	EST \$ LOSS	\$0		\$0	\$30,000	\$80,000	\$0	\$0	\$0	\$10,000		
	% of Est \$ loss	0 %		0 %	100 %	9 %	0 %	0 %	0 %	100 %		
	NOLOSS FIRES	0		1	1	0	0	0	0	0		
	Other Unintentional	LOSS FIRES		0	0	0	0	0	1	1	0	0
		% of Loss fires	0 %	0 %	0 %	0 %	0 %	100 %	100 %	0 %	0 %	
INJURIES		0	0	0	0	0	0	0	0	0		
% of Injuries		0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %		
FATALITIES		0	0	0	0	0	0	0	0	0		
% of Fatalities		0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %		
EST \$ LOSS		\$0	\$0	\$0	\$0	\$0	\$25,000	\$78,000	\$0			
% of Est \$ loss		0 %	0 %	0 %	0 %	0 %	100 %	100 %	0 %			
NOLOSS FIRES		0	0	0	0	0	0	0	0			
Undetermined		LOSS FIRES	0	0	0	1	0	0	0	0	0	
	% of Loss fires	0 %	0 %	0 %	17 %	0 %	0 %	0 %	0 %	0 %		
	INJURIES	0	0	0	1	0	0	0	0	0		
	% of Injuries	0 %	0 %	0 %	100 %	0 %	0 %	0 %	0 %	0 %		
	FATALITIES	0	0	0	0	0	0	0	0	0		
	% of Fatalities	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %		
	EST \$ LOSS	\$0	\$0	\$0	\$525,000	\$0	\$0	\$0	\$0			
	% of Est \$ loss	0 %	0 %	0 %	56 %	0 %	0 %	0 %	0 %			
	NOLOSS FIRES	0	0	0	0	0	0	0	0			
	Undetermined	Total	LOSS FIRES	0	0	0	2	0	0	0	0	
% of Loss fires			0 %	0 %	0 %	33 %	0 %	0 %	0 %	0 %		
INJURIES			0	0	0	0	0	0	0	0		
% of Injuries			0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %		
FATALITIES			0	0	0	0	0	0	0	0		
% of Fatalities			0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %		
EST \$ LOSS			\$0	\$0	\$0	\$170,000	\$0	\$0	\$0	\$0		
% of Est \$ loss			0 %	0 %	0 %	18 %	0 %	0 %	0 %	0 %		
NOLOSS FIRES			0	0	0	0	0	0	0	0		

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent. 0% indicates that the percentage is less than 1.

LOSS fires: fires with a report of injury, fatality or \$ loss damage. NOLOSS fires: fires with \$0 loss damage and 0 injury and 0 fatality reported.

No loss fires Excluded: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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**Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source**

**MacDonald, Meredith & Aberdeen Add'l**

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.

				2011	2012	2013	2015	2018	2020	2021	2022	
<b>STRUCTURE</b>	<b>Undetermined</b>	<b>Undetermined</b>	<b>LOSS FIRES</b>	0	0	0	2	0	0	0	0	
			% of Loss fires	0 %	0 %	0 %	33 %	0 %	0 %	0 %	0 %	0 %
			<b>INJURIES</b>	0	0	0	0	0	0	0	0	0
			% of Injuries	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
			<b>FATALITIES</b>	0	0	0	0	0	0	0	0	0
			% of Fatalities	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %	0 %
			<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$170,000	\$0	\$0	\$0	\$0	\$0
			% of Est \$ loss	0 %	0 %	0 %	18 %	0 %	0 %	0 %	0 %	0 %
			<b>NOLOSS FIRES</b>	0	0	0	0	0	0	0	0	0

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent, 0% indicates that the percentage is less than 1.

**LOSS fires:** fires with a report of injury, fatality or \$loss damage. **NOLOSS fires:** fires with \$0 loss damage and 0 injury and 0 fatality reported.

**No loss fires Excluded: (OFM response code 3)** fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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**Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source**



**MacDonald, Meredith & Aberdeen Add'l**

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.

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Table 5: Fires by Ignition source class			2011	2012	2013	2015	2018	2020	2021	2022
<b>STRUCTURE</b>	<b>Total</b>	<b>LOSS FIRES</b>	0	0	1	6	1	1	1	1
		<b>INJURIES</b>	0	0	0	1	0	0	0	0
		<b>FATALITIES</b>	0	0	0	0	0	0	0	0
		<b>EST \$ LOSS</b>	\$0	\$0	\$30,000	\$935,000	\$25,000	\$25,000	\$78,000	\$10,000
		<b>NOLOSS FIRES</b>	1	2	1	0	1	0	0	0
<b>Appliances</b>	<b>LOSS FIRES</b>	0	0	0	1	0	0	0	0	0
	% of Loss fires	0%	0%	0%	17%	0%	0%	0%	0%	0%
	<b>INJURIES</b>	0	0	0	0	0	0	0	0	0
	% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	0%
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0	0
	% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	0%
	<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$80,000	\$0	\$0	\$0	\$0	\$0
% of Est \$ loss	0%	0%	0%	9%	0%	0%	0%	0%	0%	
<b>NOLOSS FIRES</b>	0	0	0	0	0	0	0	0	0	
<b>Cooking equipment</b>	<b>LOSS FIRES</b>	0	0	1	0	0	0	0	0	0
	% of Loss fires	0%	0%	100%	0%	0%	0%	0%	0%	0%
	<b>INJURIES</b>	0	0	0	0	0	0	0	0	0
	% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	0%
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0	0
	% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	0%
	<b>EST \$ LOSS</b>	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0
% of Est \$ loss	0%	0%	100%	0%	0%	0%	0%	0%	0%	
<b>NOLOSS FIRES</b>	0	0	0	0	0	0	0	0	0	
<b>Electrical distribution equipment</b>	<b>LOSS FIRES</b>	0	0	0	0	0	0	0	0	0
	% of Loss fires	0%	0%	0%	0%	0%	0%	0%	0%	0%
	<b>INJURIES</b>	0	0	0	0	0	0	0	0	0
	% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	0%
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0	0
	% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	0%
	<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
% of Est \$ loss	0%	0%	0%	0%	0%	0%	0%	0%	0%	
<b>NOLOSS FIRES</b>	0	1	0	0	0	0	0	0	0	
<b>Heating equipment, chimney etc.</b>	<b>LOSS FIRES</b>	0	0	0	1	1	0	1	0	
	% of Loss fires	0%	0%	0%	17%	100%	0%	100%	0%	
	<b>INJURIES</b>	0	0	0	0	0	0	0	0	
	% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	
	<b>FATALITIES</b>	0	0	0	0	0	0	0	0	
	% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	
	<b>EST \$ LOSS</b>	\$0	\$0	\$0	\$80,000	\$25,000	\$0	\$78,000	\$0	
% of Est \$ loss	0%	0%	0%	9%	100%	0%	100%	0%		
<b>NOLOSS FIRES</b>	1	0	0	0	0	0	0	0		

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent, 0% indicates that the percentage is less than 1.

**LOSS fires:** fires with a report of injury, fatality or \$loss damage. **NOLOSS fires:** fires with \$0 loss damage and 0 injury and 0 fatality reported.

**No loss fires Excluded: (OFM response code 3)** fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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**Municipal Fires: Overview Property Class, Injuries, Cause, Ignition source**



**MacDonald, Meredith & Aberdeen Add'l**

Selected years: 2009;2010;2011;2012;2013;2014;2015;2016;2017;2018;2019;2020;2021;2022

Tables 2 to 5 report on STRUCTURE FIRES only, see Table 1 for the number of vehicle and outdoor fires.

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			2011	2012	2013	2015	2018	2020	2021	2022	
STRUCTURE	Lighting equipment	LOSS FIRES	0	0	0	0	0	0	1	0	0
		% of Loss fires	0%	0%	0%	0%	0%	0%	100%	0%	0%
		INJURIES	0	0	0	0	0	0	0	0	0
		% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	0%
		FATALITIES	0	0	0	0	0	0	0	0	0
		% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	0%
		EST \$ LOSS	\$0	\$0	\$0	\$0	\$0	\$25,000	\$0	\$0	\$0
	% of Est \$ loss	0%	0%	0%	0%	0%	100%	0%	0%	0%	
	NOLOSS FIRES	0	0	0	0	0	0	0	0	0	
	Open flame tools, smokers' articles	LOSS FIRES	0	0	0	0	0	0	0	0	0
		% of Loss fires	0%	0%	0%	0%	0%	0%	0%	0%	0%
		INJURIES	0	0	0	0	0	0	0	0	0
		% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	0%
		FATALITIES	0	0	0	0	0	0	0	0	0
		% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	0%
EST \$ LOSS		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
% of Est \$ loss	0%	0%	0%	0%	0%	0%	0%	0%	0%		
NOLOSS FIRES	0	1	1	0	0	0	0	0	0		
Other electrical, mechanical	LOSS FIRES	0	0	0	2	0	0	0	0	1	
	% of Loss fires	0%	0%	0%	33%	0%	0%	0%	0%	100%	
	INJURIES	0	0	0	1	0	0	0	0	0	
	% of Injuries	0%	0%	0%	100%	0%	0%	0%	0%	0%	
	FATALITIES	0	0	0	0	0	0	0	0	0	
	% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	EST \$ LOSS	\$0	\$0	\$0	\$605,000	\$0	\$0	\$0	\$0	\$10,000	
% of Est \$ loss	0%	0%	0%	65%	0%	0%	0%	0%	100%		
NOLOSS FIRES	0	0	0	0	1	0	0	0	0		
Undetermined	LOSS FIRES	0	0	0	2	0	0	0	0	0	
	% of Loss fires	0%	0%	0%	33%	0%	0%	0%	0%	0%	
	INJURIES	0	0	0	0	0	0	0	0	0	
	% of Injuries	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	FATALITIES	0	0	0	0	0	0	0	0	0	
	% of Fatalities	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	EST \$ LOSS	\$0	\$0	\$0	\$170,000	\$0	\$0	\$0	\$0	\$0	
% of Est \$ loss	0%	0%	0%	18%	0%	0%	0%	0%	0%		
NOLOSS FIRES	0	0	0	0	0	0	0	0	0		

Note: Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only.

Percentage figures are rounded to the nearest 1 percent, 0% indicates that the percentage is less than 1.

LOSS fires: fires with a report of injury, fatality or \$ loss damage. NOLOSS fires: fires with \$0 loss damage and 0 injury and 0 fatality reported.

NOLOSS fires Excluded: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

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# Appendix C: Municipal Emergency Calls by Response Type Class (2009–2022) – Comprehensive Report

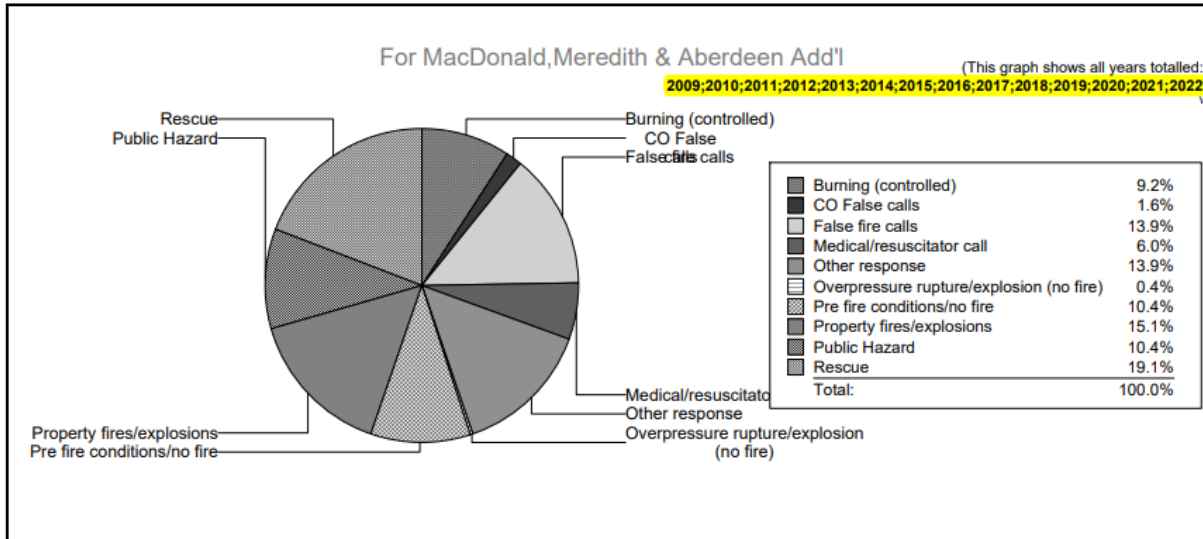
(Data Source: OFM SIR reporting)

## Municipal Emergency Calls by Response Type Class



**Notes:** Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only. 0% indicates that the % is less than 1.  
 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.  
 Noloss fires: are fires with \$0 loss damage and 0 injury and 0 fatality reported.  
 Noloss fire EXCLUDED: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.  
 CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**



**Municipal Emergency Calls by Response Type Class**



**Notes:** Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only. 0% indicates that the % is less than 1.  
 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.  
 No loss fires: are fires with \$0 loss damage and 0 injury and 0 fatality reported.  
 No loss fire EXCLUDED: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.  
 CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**

**Table 1. All Calls by Response Category:**

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Total</b>	<b>Total calls</b>	<b>26</b>	<b>27</b>	<b>16</b>	<b>18</b>	<b>28</b>	<b>19</b>	<b>21</b>	<b>20</b>	<b>11</b>	<b>18</b>	<b>27</b>	<b>20</b>
	Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries	0	0	0	0	1	0	0	0	0	0	0	0
	Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)	\$0	\$0	\$30,000		\$940,000		\$35,000	\$1,500	\$25,000	\$105,000	\$10,000	
<b>A. Loss Fire Structure</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
	<i>% of all calls</i>	<i>0%</i>	<i>0%</i>	<i>6%</i>	<i>0%</i>	<i>21%</i>	<i>0%</i>	<i>0%</i>	<i>5%</i>	<i>0%</i>	<i>6%</i>	<i>4%</i>	<i>5%</i>
	Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries	0	0	0	0	1	0	0	0	0	0	0	0
	Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0
Est \$ loss (fire)	\$0	\$0	\$30,000	\$0	\$935,000	\$0	\$0	\$0	\$25,000	\$0	\$25,000	\$78,000	\$10,000
<b>B. Loss Fire Other</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<i>% of all calls</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>9%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>
	Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0
Est \$ loss (fire)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$0	\$0	\$0	
<b>C. Loss Fire Vehicle</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
	<i>% of all calls</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>4%</i>	<i>0%</i>	<i>0%</i>	<i>5%</i>	<i>0%</i>	<i>0%</i>	<i>7%</i>	<i>0%</i>
	Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0
Est \$ loss (fire)	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$0	\$10,000	\$0	\$0	\$27,000	\$0
<b>D. No loss Fire</b>	<b>Total calls</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
	<i>% of all calls</i>	<i>4%</i>	<i>11%</i>	<i>13%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>5%</i>	<i>0%</i>	<i>0%</i>	<i>0%</i>	<i>5%</i>
	Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0
Est \$ loss (fire)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>E. No loss Fire EXCLUDED</b>	<b>Total calls</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>1</b>
	<i>% of all calls</i>	<i>0%</i>	<i>4%</i>	<i>0%</i>	<i>0%</i>	<i>11%</i>	<i>0%</i>	<i>0%</i>	<i>5%</i>	<i>36%</i>	<i>17%</i>	<i>4%</i>	<i>5%</i>
	Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0
Est \$ loss (fire)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	



**Municipal Emergency Calls by Response Type Class**



**Notes:** Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only. 0% indicates that the % is less than 1.  
 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.  
 Notloss fires: are fires with \$0 loss damage and 0 injury and 0 fatality reported.  
 Notloss fire EXCLUDED: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.  
 CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>F. Non fire call</b>	<b>Total calls</b>	<b>25</b>	<b>23</b>	<b>13</b>	<b>18</b>	<b>18</b>	<b>19</b>	<b>21</b>	<b>16</b>	<b>6</b>	<b>14</b>	<b>23</b>	<b>17</b>
	<i>% of all calls</i>	<i>96%</i>	<i>85%</i>	<i>81%</i>	<i>100%</i>	<i>64%</i>	<i>100%</i>	<i>100%</i>	<i>80%</i>	<i>55%</i>	<i>78%</i>	<i>85%</i>	<i>85%</i>
	Civilian Injuries (fire)												
	FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)												
FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	
Est \$ loss (fire)													

**Municipal Emergency Calls by Response Type Class**



**Notes:** Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only. 0% indicates that the % is less than 1.  
 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.  
 No loss fires: are fires with \$0 loss damage and 0 injury and 0 fatality reported.  
 No loss fire EXCLUDED: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.  
 CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**

Table 2. All Calls by Response Class:			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Total</b>	<b>Total calls</b>		<b>26</b>	<b>27</b>	<b>16</b>	<b>18</b>	<b>28</b>	<b>19</b>	<b>21</b>	<b>20</b>	<b>11</b>	<b>18</b>	<b>27</b>	<b>20</b>
	Civilian Injuries (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries		0	0	0	0	1	0	0	0	0	0	0	0
	Civilian Fatalities (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities		0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)		\$0	\$0	\$30,000		\$940,000			\$35,000	\$1,500	\$25,000	\$105,000	\$10,000
<b>A. Loss Fire Structure</b>	<b>Property fires/explosions</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>
		% of all calls	0%	0%	6%	0%	21%	0%	0%	5%	0%	6%	4%	5%
	Civilian Injuries (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries		0	0	0	0	1	0	0	0	0	0	0	0
	Civilian Fatalities (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities		0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)		\$0	\$0	\$30,000	\$0	\$935,000	\$0	\$0	\$25,000	\$0	\$25,000	\$78,000	\$10,000
<b>B. Loss Fire Other</b>	<b>Property fires/explosions</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
		% of all calls	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%	0%
	Civilian Injuries (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries		0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities		0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$0	\$0	\$0
<b>C. Loss Fire Vehicle</b>	<b>Property fires/explosions</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
		% of all calls	0%	0%	0%	0%	4%	0%	0%	5%	0%	0%	7%	0%
	Civilian Injuries (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries		0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities		0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)		\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$10,000	\$0	\$0	\$27,000	\$0
<b>D. No loss Fire</b>	<b>Property fires/explosions</b>	<b>Total calls</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>
		% of all calls	4%	11%	13%	0%	0%	0%	0%	5%	0%	0%	0%	5%
	Civilian Injuries (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries		0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities		0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>E. No loss Fire EXCLUDED</b>	<b>Property fires/explosions</b>	<b>Total calls</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>1</b>
		% of all calls	0%	4%	0%	0%	11%	0%	0%	5%	36%	17%	4%	5%
	Civilian Injuries (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Injuries		0	0	0	0	0	0	0	0	0	0	0	0
	Civilian Fatalities (fire)		0	0	0	0	0	0	0	0	0	0	0	0
	FF Fatalities		0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**Municipal Emergency Calls by Response Type Class**



**Notes:** Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only. 0% indicates that the % is less than 1.  
 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.  
 No loss fires: are fires with \$0 loss damage and 0 injury and 0 fatality reported.  
 No loss fire EXCLUDED: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.  
 CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**

			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
<b>F. Non fire call</b>	<b>Burning (controlled)</b>	<b>Total calls</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>3</b>	<b>1</b>	
		<i>% of all calls</i>	12%	4%	0%	17%	11%	11%	0%	20%	0%	17%	11%	5%	
		Civilian Injuries (fire)			0	0	0	0	0	0	0	0	0	0	0
		FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0
		Civilian Fatalities (fire)			0	0	0	0	0	0	0	0	0	0	0
		FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)			\$0			\$0		\$0		\$0				
	<b>CO False calls</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>
		<i>% of all calls</i>	0%	0%	0%	0%	4%	5%	0%	0%	0%	0%	6%	4%	0%
		Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0	0
		FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0
		Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0	0
		FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>False fire calls</b>	<b>Total calls</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>5</b>
		<i>% of all calls</i>	12%	4%	6%	11%	14%	0%	19%	15%	18%	11%	30%	25%	
		Civilian Injuries (fire)			0	0	0	0	0	0	0	0	0	0	0
		FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0
		Civilian Fatalities (fire)			0	0	0	0	0	0	0	0	0	0	0
		FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	0
	Est \$ loss (fire)					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	<b>Medical/resuscitator call</b>	<b>Total calls</b>	<b>1</b>	<b>7</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
		<i>% of all calls</i>	4%	26%	6%	0%	0%	26%	5%	0%	0%	0%	0%	0%	0%
		Civilian Injuries (fire)			0	0	0	0	0	0	0	0	0	0	0
FF Injuries		0	0	0	0	0	0	0	0	0	0	0	0	0	
Civilian Fatalities (fire)				0	0	0	0	0	0	0	0	0	0	0	
FF Fatalities		0	0	0	0	0	0	0	0	0	0	0	0	0	
Est \$ loss (fire)			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
<b>Other response</b>	<b>Total calls</b>	<b>5</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>7</b>	
	<i>% of all calls</i>	19%	19%	6%	6%	7%	26%	14%	10%	0%	17%	4%	35%		
	Civilian Injuries (fire)			0	0	0	0	0	0	0	0	0	0	0	
	FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Civilian Fatalities (fire)			0	0	0	0	0	0	0	0	0	0	0	
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	0	
Est \$ loss (fire)								\$0		\$0					
<b>Overpressure rupture/explosion (no fire)</b>	<b>Total calls</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
	<i>% of all calls</i>	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%	0%	
	Civilian Injuries (fire)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Civilian Fatalities (fire)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	0	
Est \$ loss (fire)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		

**Municipal Emergency Calls by Response Type Class**



**Notes:** Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only. 0% indicates that the % is less than 1.  
 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.  
 Noloss fires: are fires with \$0 loss damage and 0 injury and 0 fatality reported.  
 Noloss fire EXCLUDED: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.  
 CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**

		2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>F. Non fire call</b>	<b>Pre fire conditions/no fire</b>	<b>Total calls</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>6</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>	
		<i>% of all calls</i>	8%	0%	13%	33%	21%	5%	19%	5%	9%	0%	7%	5%	
		Civilian Injuries (fire)		0								0			
		FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0	0
		Civilian Fatalities (fire)		0								0			
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Est \$ loss (fire)		\$0								\$0				
	<b>Public Hazard</b>	<b>Total calls</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>2</b>	
		<i>% of all calls</i>	15%	7%	19%	6%	0%	0%	19%	15%	0%	11%	19%	10%	
		Civilian Injuries (fire)					0	0			0				
		FF Injuries	0	0	0	0	0	0	0	0	0	0	0	0	
		Civilian Fatalities (fire)					0	0			0				
	FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0		
	Est \$ loss (fire)					\$0	\$0			\$0					
	<b>Rescue</b>	<b>Total calls</b>	<b>7</b>	<b>7</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	
<i>% of all calls</i>		27%	26%	31%	28%	7%	21%	24%	15%	27%	17%	11%	5%		
Civilian Injuries (fire)															
FF Injuries		0	0	0	0	0	0	0	0	0	0	0	0		
Civilian Fatalities (fire)															
FF Fatalities	0	0	0	0	0	0	0	0	0	0	0	0			
Est \$ loss (fire)															

## Municipal Emergency Calls by Response Type Class



**Notes:** Civilian and Fire Fighter injuries are reported for fires. Non fire injuries are reported for Fire Fighters only. 0% indicates that the % is less than 1.  
 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.

Nonloss fires: are fires with \$0 loss damage and 0 injury and 0 fatality reported.

Nonloss fire EXCLUDED: (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.

CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**

Table 3. All Calls by Response Type:			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	
<b>Total</b>			<b>Total calls</b>	26	27	16	18	28	19	21	20	11	18	27	20
<b>A. Loss Fire Structure</b>	<b>Total</b>		<b>Total calls</b>	0	0	1	0	6	0	0	1	0	1	1	1
			<b>% of all calls</b>	0%	0%	6%	0%	21%	0%	0%	5%	0%	6%	4%	5%
	<b>Property fires/explosions</b>	<b>Total</b>	<b>Total calls</b>	0	0	1	0	6	0	0	1	0	1	1	1
				<b>% of all calls</b>	0%	0%	6%	0%	21%	0%	0%	5%	0%	6%	4%
<b>Explosion (including during fire, excluding codes 3 and 11-13)</b>		<b>Total calls</b>	0	0	0	0	1	0	0	0	0	0	0	0	0
		<b>% of all calls</b>	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%
		<b>Fire</b>	<b>Total calls</b>	0	0	1	0	5	0	0	1	0	1	1	1
		<b>% of all calls</b>	0%	0%	6%	0%	18%	0%	0%	5%	0%	6%	4%	5%	
<b>B. Loss Fire Other</b>	<b>Total</b>		<b>Total calls</b>	0	0	0	0	0	0	0	0	1	0	0	0
			<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%	0%
	<b>Property fires/explosions</b>	<b>Total</b>	<b>Total calls</b>	0	0	0	0	0	0	0	0	1	0	0	0
		<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%	0%	
		<b>Fire</b>	<b>Total calls</b>	0	0	0	0	0	0	0	1	0	0	0	0
		<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	0%	9%	0%	0%	0%	
<b>C. Loss Fire Vehicle</b>	<b>Total</b>		<b>Total calls</b>	0	0	0	0	1	0	0	1	0	0	2	0
			<b>% of all calls</b>	0%	0%	0%	0%	4%	0%	0%	5%	0%	0%	7%	0%
	<b>Property fires/explosions</b>	<b>Total</b>	<b>Total calls</b>	0	0	0	0	1	0	0	1	0	0	2	0
		<b>% of all calls</b>	0%	0%	0%	0%	4%	0%	0%	5%	0%	0%	7%	0%	
		<b>Fire</b>	<b>Total calls</b>	0	0	0	0	1	0	0	1	0	0	2	0
		<b>% of all calls</b>	0%	0%	0%	0%	4%	0%	0%	5%	0%	0%	7%	0%	
<b>D. No loss Fire</b>	<b>Total</b>		<b>Total calls</b>	1	3	2	0	0	0	0	1	0	0	0	1
			<b>% of all calls</b>	4%	11%	13%	0%	0%	0%	0%	5%	0%	0%	0%	5%
	<b>Property fires/explosions</b>	<b>Total</b>	<b>Total calls</b>	1	3	2	0	0	0	0	1	0	0	0	1
		<b>% of all calls</b>	4%	11%	13%	0%	0%	0%	0%	5%	0%	0%	0%	5%	
		<b>Fire</b>	<b>Total calls</b>	1	3	2	0	0	0	1	0	0	0	0	1
		<b>% of all calls</b>	4%	11%	13%	0%	0%	0%	0%	5%	0%	0%	0%	5%	
<b>E. No loss Fire EXCLUDED</b>	<b>Total</b>		<b>Total calls</b>	0	1	0	0	3	0	0	1	4	3	1	1
			<b>% of all calls</b>	0%	4%	0%	0%	11%	0%	0%	5%	36%	17%	4%	5%
	<b>Property fires/explosions</b>	<b>Total</b>	<b>Total calls</b>	0	1	0	0	3	0	0	1	4	3	1	1
		<b>% of all calls</b>	0%	4%	0%	0%	11%	0%	0%	5%	36%	17%	4%	5%	
		<b>NO LOSS OUTDOOR fire (see exclusions)</b>	<b>Total calls</b>	0	1	0	0	3	0	0	1	4	3	1	1
		<b>% of all calls</b>	0%	4%	0%	0%	11%	0%	0%	5%	36%	17%	4%	5%	
<b>F. Non fire call</b>	<b>Total</b>		<b>Total calls</b>	25	23	13	18	18	19	21	16	6	14	23	17
			<b>% of all calls</b>	96%	85%	81%	100%	64%	100%	100%	80%	55%	78%	85%	85%
	<b>Burning (controlled)</b>	<b>Total</b>	<b>Total calls</b>	3	1	0	3	3	2	0	4	0	3	3	1
		<b>% of all calls</b>	12%	4%	0%	17%	11%	11%	0%	20%	0%	17%	11%	5%	
		<b>Authorized controlled burning - complaint</b>	<b>Total calls</b>	0	0	0	1	3	1	0	4	0	1	3	1
		<b>% of all calls</b>	0%	0%	0%	6%	11%	5%	0%	20%	0%	6%	11%	5%	

**Municipal Emergency Calls by Response Type Class**



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 Loss fires: are defined as fires where an injury, or fatality or \$ loss damage is reported.  
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**Noloss fire EXCLUDED:** (OFM response code 3) fires occurring outdoors only with \$0 loss and 0 injury/fatality that did NOT occur in dump/recycling and NOT caused by arson, vandalism or children playing.  
 CO emergency calls: Prior to 2009 "false CO alarms" and "CO present alarms" were not reported separately. From 2009 onwards these are reported separately.

Municipality: **MacDonald, Meredith & Aberdeen Add'l**

			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>F. Non fire call</b>	<b>Burning (controlled)</b>	<b>Open air burning/unauthorized controlled burning (no</b>	<b>Total calls</b>	3	1	0	2	0	1	0	0	2	0	0		
		<b>% of all calls</b>	12%	4%	0%	11%	0%	5%	0%	0%	0%	11%	0%	0%		
	<b>CO False calls</b>	<b>Total</b>	<b>Total calls</b>	0	0	0	0	1	1	0	0	0	1	1	0	
		<b>% of all calls</b>	0%	0%	0%	0%	4%	5%	0%	0%	0%	0%	6%	4%	0%	
		<b>CO false alarm - equipment malfunction (no CO present)</b>	<b>Total calls</b>	0	0	0	0	0	0	0	0	0	0	0	1	0
		<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	4%	0%	
		<b>CO false alarm - perceived emergency (no CO present)</b>	<b>Total calls</b>	0	0	0	0	1	1	0	0	0	1	0	0	
		<b>% of all calls</b>	0%	0%	0%	0%	4%	5%	0%	0%	0%	0%	6%	0%	0%	
	<b>False fire calls</b>	<b>Total</b>	<b>Total calls</b>	3	1	1	2	4	0	4	3	2	2	8	5	
		<b>% of all calls</b>	12%	4%	6%	11%	14%	0%	19%	15%	18%	11%	30%	25%		
		<b>Alarm System Equipment - Accidental activation (exc. code</b>	<b>Total calls</b>	0	0	0	0	0	0	0	0	1	0	0	2	1
		<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	7%	5%	
		<b>Alarm System Equipment - Malfunction</b>	<b>Total calls</b>	2	1	1	2	1	0	0	0	0	2	0	6	1
		<b>% of all calls</b>	8%	4%	6%	11%	4%	0%	0%	0%	0%	18%	0%	22%	5%	
		<b>Human - Accidental (alarm accidentally activated by person)</b>	<b>Total calls</b>	0	0	0	0	0	0	0	0	0	0	2	0	2
	<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	11%	0%	10%	
	<b>Human - Malicious intent, prank</b>	<b>Total calls</b>	0	0	0	0	1	0	0	0	0	0	0	0	0	
	<b>% of all calls</b>	0%	0%	0%	0%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	
	<b>Human - Perceived Emergency</b>	<b>Total calls</b>	0	0	0	0	0	0	0	2	2	0	0	0	1	
	<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	10%	10%	0%	0%	0%	0%	5%	
	<b>Other False Fire Call</b>	<b>Total calls</b>	1	0	0	0	2	0	0	2	0	0	0	0	0	
	<b>% of all calls</b>	4%	0%	0%	0%	7%	0%	0%	10%	0%	0%	0%	0%	0%	0%	
	<b>Medical/resuscitator call</b>	<b>Total</b>	<b>Total calls</b>	1	7	1	0	0	5	1	0	0	0	0	0	
<b>% of all calls</b>		4%	26%	6%	0%	0%	26%	5%	5%	0%	0%	0%	0%	0%		
<b>Alcohol or drug related</b>		<b>Total calls</b>	1	3	1	0	0	5	0	0	0	0	0	0		
<b>% of all calls</b>		4%	11%	6%	0%	0%	26%	0%	0%	0%	0%	0%	0%	0%		
<b>Asphyxia, Respiratory Condition</b>	<b>Total calls</b>	0	4	0	0	0	0	0	0	0	0	0	0	0		
<b>% of all calls</b>	0%	15%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%			
<b>Medical Aid Not Required on Arrival</b>	<b>Total calls</b>	0	0	0	0	0	0	0	1	0	0	0	0	0		
<b>% of all calls</b>	0%	0%	0%	0%	0%	0%	0%	5%	0%	0%	0%	0%	0%	0%		
<b>Other response</b>	<b>Total</b>	<b>Total calls</b>	5	5	1	1	2	5	3	2	0	3	1	7		
	<b>% of all calls</b>	19%	19%	6%	6%	7%	26%	14%	10%	0%	17%	4%	35%			
	<b>Assistance to Other Agencies (exc 921 and 922)</b>	<b>Total calls</b>	2	0	1	0	1	1	0	0	0	0	0	0		
	<b>% of all calls</b>	8%	0%	6%	0%	4%	5%	0%	0%	0%	0%	0%	0%	0%		
<b>Assistance to Police (exc 921 and 922)</b>	<b>Total calls</b>	0	0	0	1	0	0	0	0	0	0	0	0	0		
<b>% of all calls</b>	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%	0%	0%	0%			
<b>Assisting Other FD: Mutual Aid</b>	<b>Total calls</b>	1	1	0	0	0	2	0	0	0	0	1	0	0		
<b>% of all calls</b>	4%	4%	0%	0%	0%	11%	0%	0%	0%	0%	6%	0%	0%			

**Municipal Emergency Calls by Response Type Class**



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Municipality: **MacDonald, Meredith & Aberdeen Add'l**

			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>F. Non fire call</b>	<b>Other response</b>	<b>Assisting Other FD: Other</b>	Total calls % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%		
		<b>Call cancelled on route</b>	Total calls % of all calls	1 4%	0 0%	0 0%	0 0%	0 0%	1 5%	2 10%	0 0%	0 0%	2 11%	1 4%	6 30%	
		<b>Illegal grow operation (no fire)</b>	Total calls % of all calls	0 0%	1 4%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
		<b>Incident not found</b>	Total calls % of all calls	0 0%	2 7%	0 0%	0 0%	1 4%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%
		<b>Other Response</b>	Total calls % of all calls	1 4%	1 4%	0 0%	0 0%	0 0%	0 0%	1 5%	2 10%	0 0%	0 0%	0 0%	0 0%	0 0%
	<b>Overpressure rupture/explosion (no fire)</b>	<b>Total</b>	Total calls % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Overpressure Rupture (no fire, e.g. steam boilers, hot water)</b>	Total calls % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
	<b>Pre fire conditions/no fire</b>	<b>Total</b>	Total calls % of all calls	2 8%	0 0%	2 13%	6 33%	6 21%	1 5%	4 19%	1 5%	1 9%	0 0%	2 7%	1 5%	
		<b>Fireworks (no fire)</b>	Total calls % of all calls	0 0%	0 0%	0 0%	0 0%	1 4%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Lightning (no fire)</b>	Total calls % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Other Cooking/toasting/smoke/steam</b>	Total calls % of all calls	0 0%	0 0%	0 0%	0 0%	1 4%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Other pre fire conditions (no fire)</b>	Total calls % of all calls	0 0%	0 0%	0 0%	1 6%	3 11%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Overheat (no fire, e.g. engines, mechanical devices)</b>	Total calls % of all calls	2 8%	0 0%	2 13%	1 6%	0 0%	0 0%	2 10%	1 5%	1 9%	0 0%	2 7%	1 5%	
		<b>Pot on Stove (no fire)</b>	Total calls % of all calls	0 0%	0 0%	0 0%	4 22%	1 4%	0 0%	2 10%	0 0%	0 0%	0 0%	0 0%	0 0%	
	<b>Public Hazard</b>	<b>Total</b>	Total calls % of all calls	4 15%	2 7%	3 19%	1 6%	0 0%	0 0%	4 19%	3 15%	0 0%	2 11%	5 19%	2 10%	
		<b>Bomb, Explosive Removal, Standby</b>	Total calls % of all calls	0 0%	1 4%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>CO incident, CO present (exc false alarms)</b>	Total calls % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	2 10%	0 0%	0 0%	2 7%	0 0%	
		<b>Gas Leak - Miscellaneous</b>	Total calls % of all calls	0 0%	1 4%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Gas Leak - Natural Gas</b>	Total calls % of all calls	0 0%	0 0%	2 13%	0 0%	0 0%	0 0%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%	

**Municipal Emergency Calls by Response Type Class**



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			2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022		
<b>F. Non fire call</b>	<b>Public Hazard</b>	<b>Gas Leak - Propane</b>	<b>Total calls</b> % of all calls	1 4%	0 0%	1 6%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%		
		<b>Other Public Hazard</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 6%	0 0%	0 0%	
		<b>Power Lines Down, Arcing</b>	<b>Total calls</b> % of all calls	3 12%	0 0%	0 0%	1 6%	0 0%	0 0%	2 10%	1 5%	0 0%	1 6%	2 7%	0 0%	
		<b>Public Hazard call false alarm</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%	
		<b>Public Hazard no action required</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 4%	0 0%
		<b>Spill - Gasoline or Fuel</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%
	<b>Rescue</b>	<b>Total</b>	<b>Total calls</b> % of all calls	7 27%	7 26%	5 31%	5 28%	2 7%	4 21%	5 24%	3 15%	3 27%	3 17%	3 11%	1 5%	
		<b>Commercial/Industrial Accident</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Home/Residential Accident</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	1 5%	1 5%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Other Rescue</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	1 6%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	
		<b>Vehicle Collision</b>	<b>Total calls</b> % of all calls	7 27%	6 22%	3 19%	5 28%	2 7%	3 16%	3 14%	3 15%	2 18%	2 11%	3 11%	1 5%	
		<b>Vehicle Extrication</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	1 6%	0 0%	0 0%	0 0%	0 0%	0 0%	1 9%	0 0%	0 0%	0 0%	
		<b>Water Ice Rescue</b>	<b>Total calls</b> % of all calls	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	1 6%	0 0%	0 0%
		<b>Water Rescue</b>	<b>Total calls</b> % of all calls	0 0%	1 4%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%