



BURNABY FIRE DEPARTMENT

Public Safety Committee Meeting: 2024 Nov 27

STATUS REPORT

The following status report is based on information regarding activities available to the end of October 2024.

1. Details on Major Incident occurrences within the City

2. High level Statistic Review to communicate trends within the City, including:
 - 2.1 Suppression Division Statistics
 - 2.2 Fire Prevention Division Statistics
 - 2.3 Training Division Programs

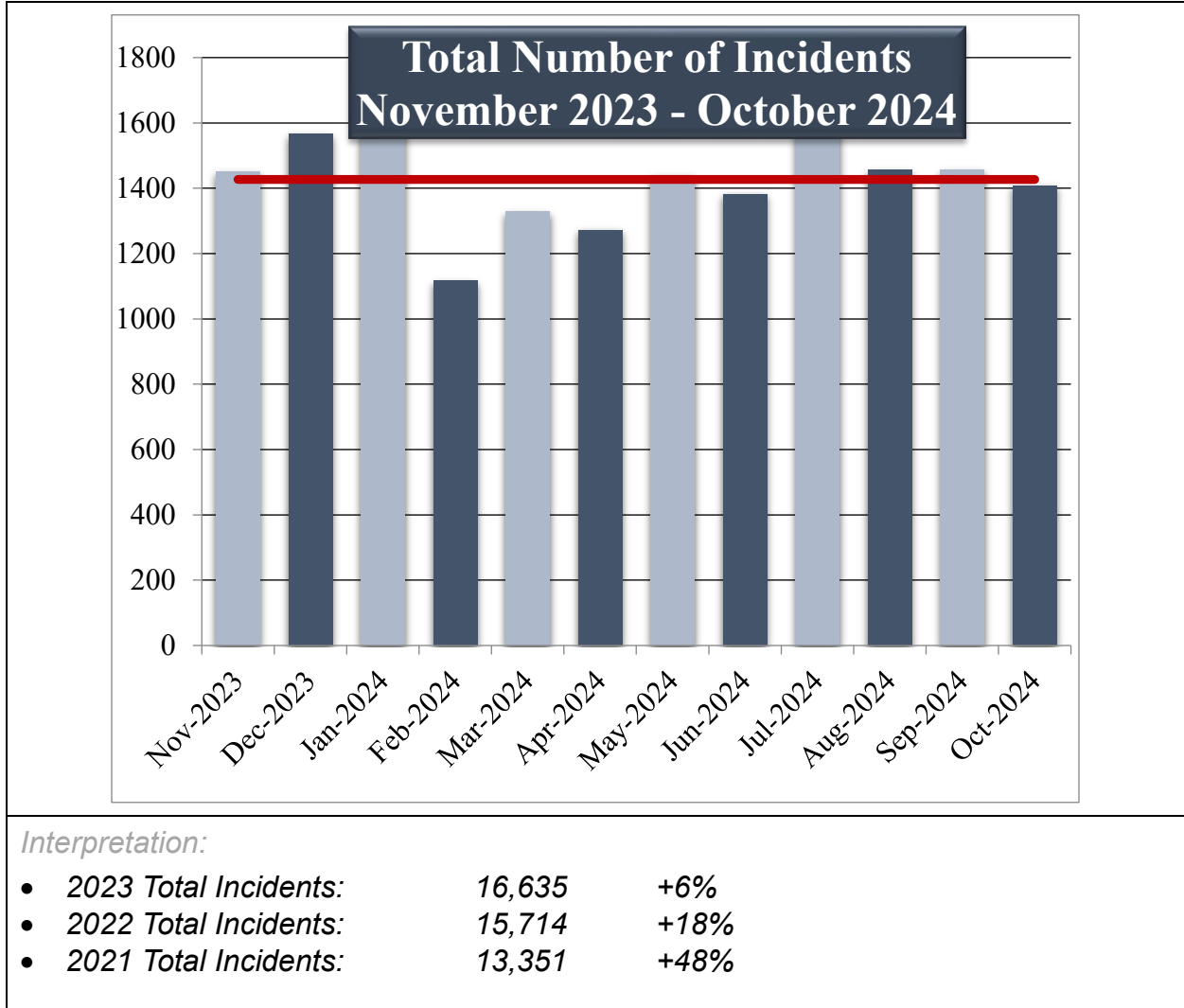
3. Summary of Community Outreach Initiatives, including:
 - 3.1 Community Engagements
 - 3.2 Recruitment Engagements

1. MAJOR INCIDENTS

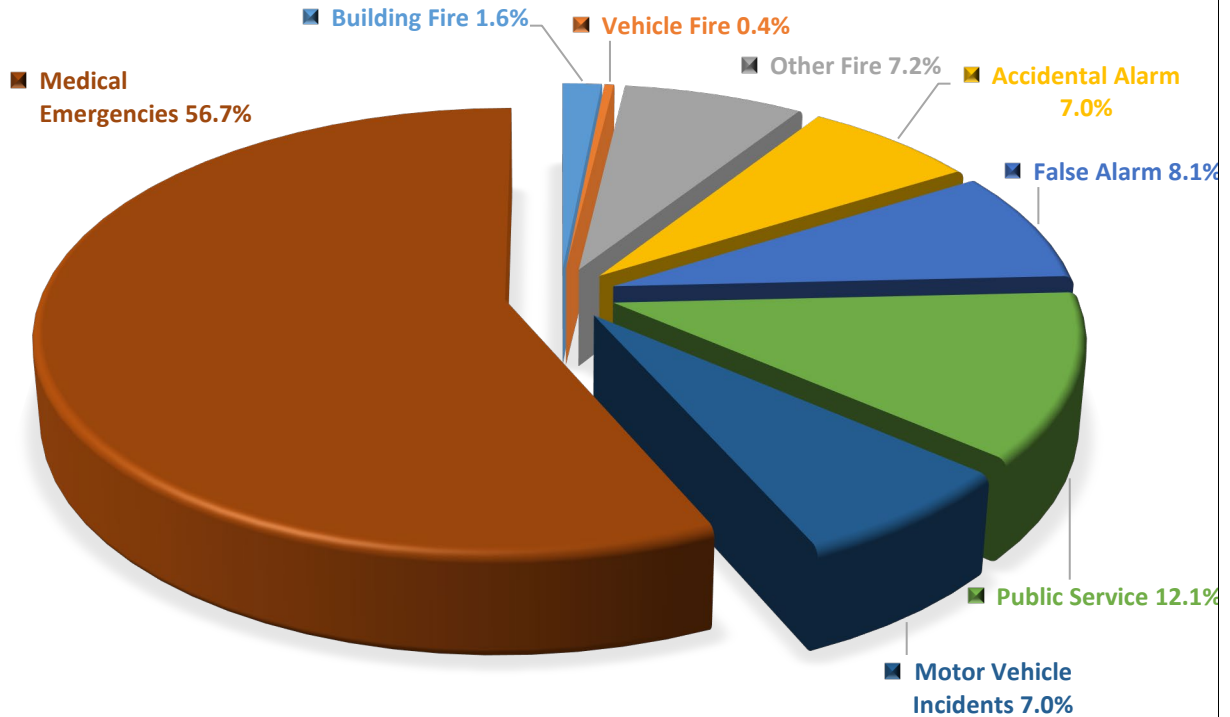
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2. STATISTICS REVIEW

2.1 Suppression Division Statistics



DISTRIBUTION OF INCIDENTS NOVEMBER 2023 - OCTOBER 2024



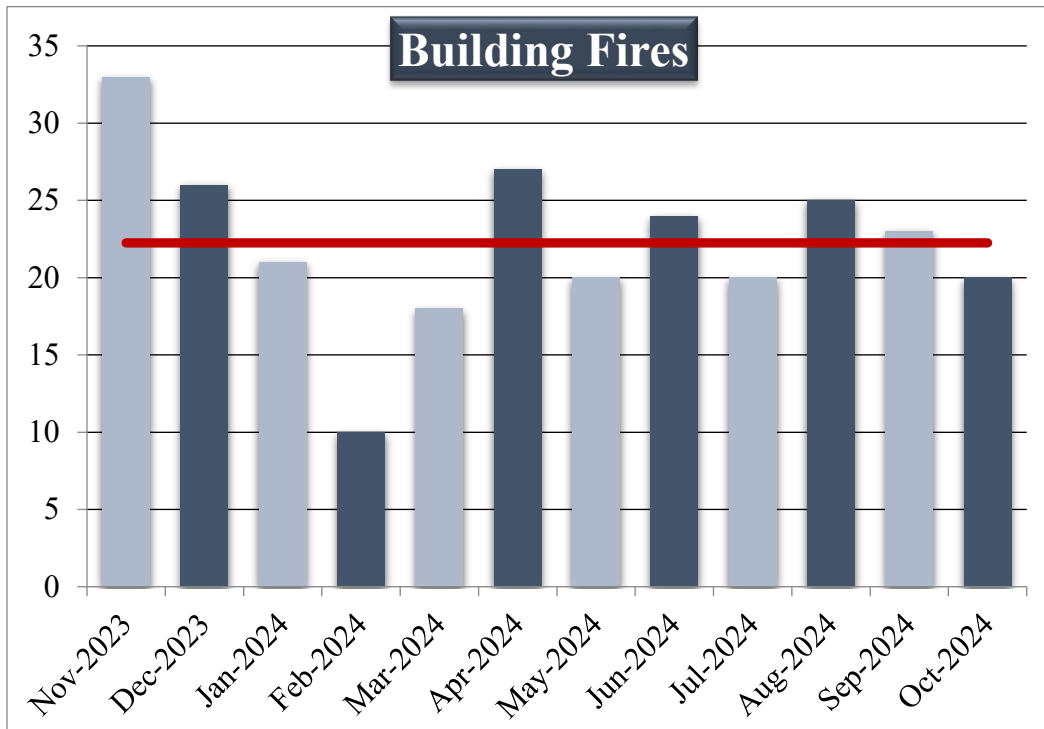
Interpretation:

- **To Date 12 Month Distribution**

Fire Incidents:	-1%
Motor Vehicle Incidents:	even
Medical Emergencies:	even
Public Service:	+1%

- **2023 Distribution**

Fire Incidents:	25%
Motor Vehicle Incidents:	7%
Medical Emergencies:	57%
Public Service:	11%

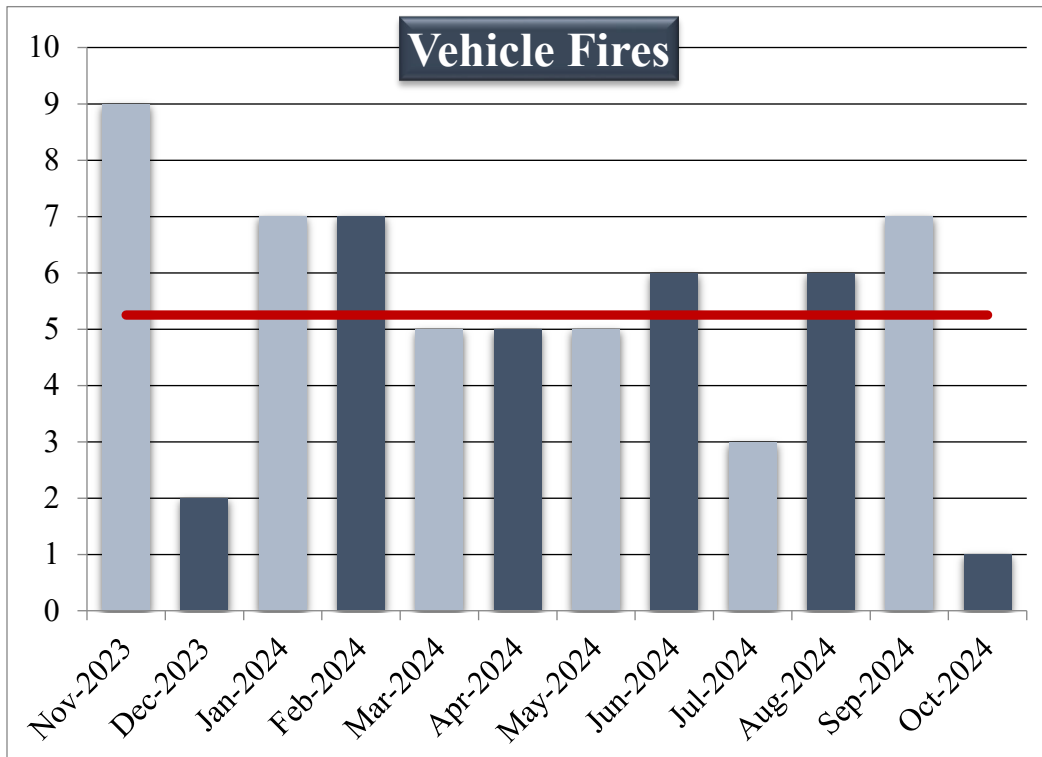


Interpretation:

- *As the density of the City increases the number of multi-unit residential and commercial buildings, the firefighting resources required to attack fires within larger, more complex buildings with more lives present also increases. This leads to an increase in 2nd and 3rd alarm fire incidents annually.*
- *Increase in fire events typically experienced through holiday season and within winter months*

Description:

- *Fires within all types of buildings and structures.*

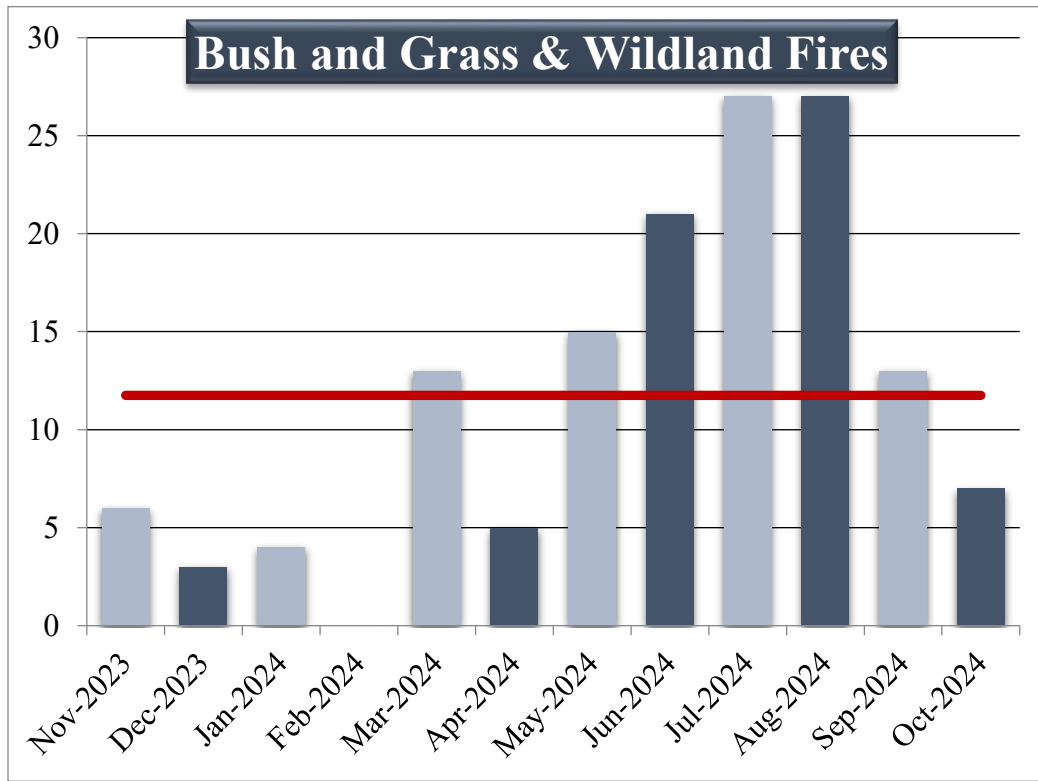


Interpretation:

- *None provided.*

Description:

- *Fire related to all types of vehicles and mobile equipment:*
 - *Automobiles*
 - *Cranes*
 - *Motorcycles*
 - *Tractors*
 - *Trucks*
 - *Boxcars*
 - *Fork-lifts*
 - *Motor homes*
 - *Trailers*
 - *Vans*

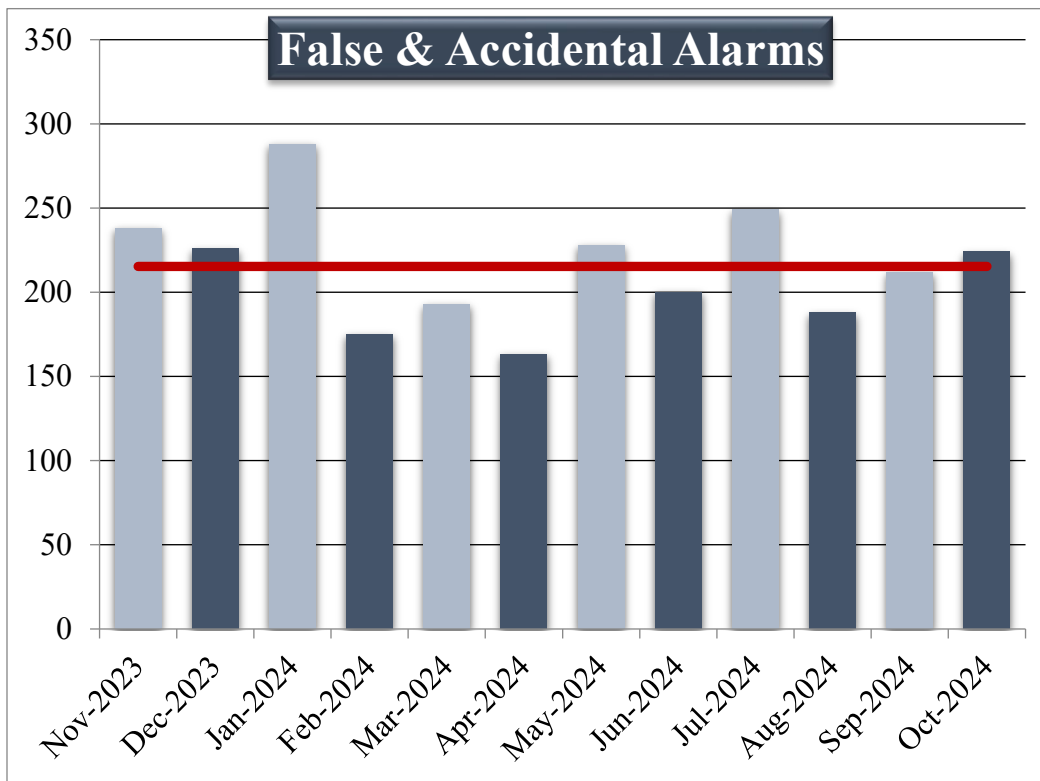


Interpretation:

- *Fires in outdoor spaces typically increase during the summer months of the year.*
- *The drying effects of climate change on City wildland spaces has been notable.*
- *The dry wildland season now begins early in April and extends to October, a six month period.*

Description:

- *Fires related to outdoor spaces and lands*



Interpretation:

- *It is expected that with the increasing density of living within the City, and the increase in buildings required to utilize automatic fire detection systems that the number of False & Accidental Alarm incidents will consistently and continually increase.*

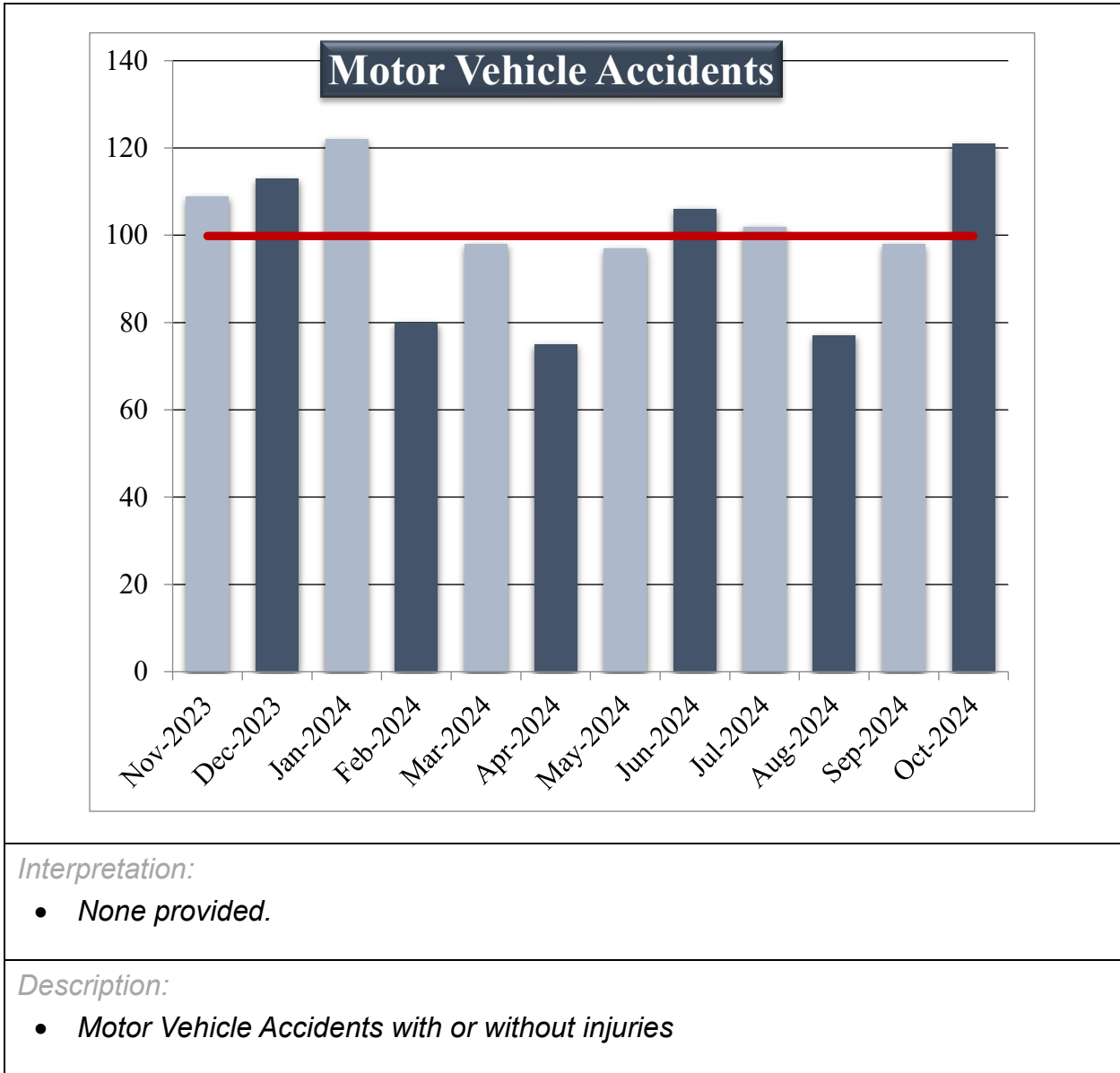
Description:

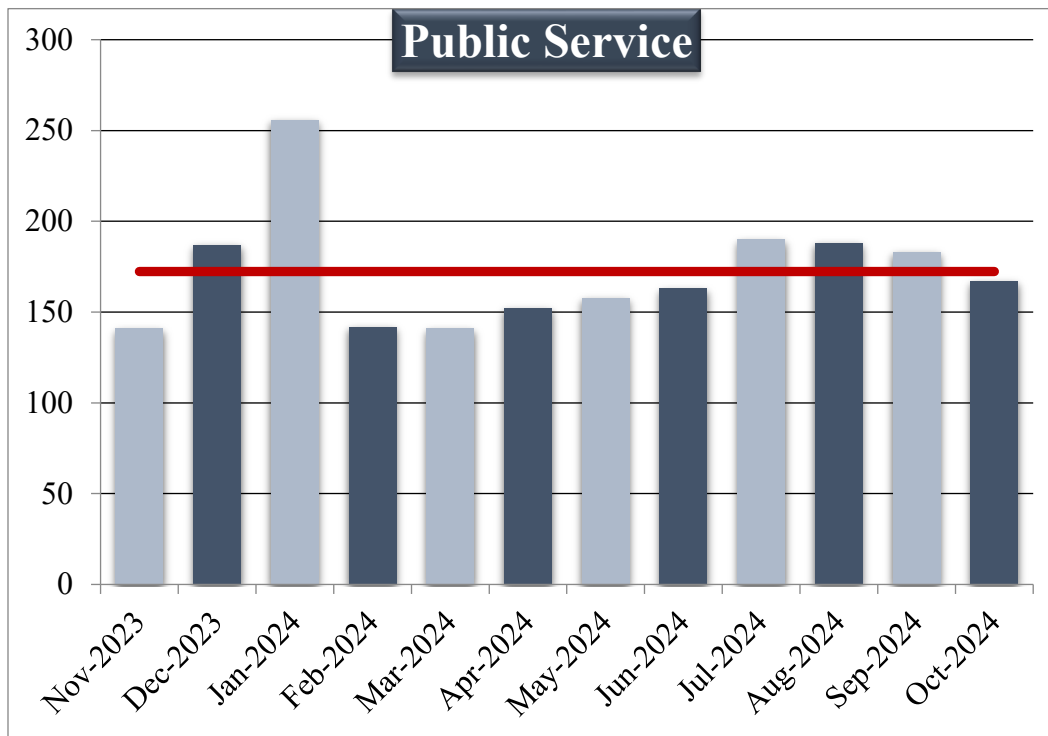
Accidental Alarm:

- *When there is a malfunction in a fire alarm system*
- *When a fire alarm is inadvertently activated*

False Alarm:

- *When a person deliberately reports a non-existent fire or emergency*
- *When a person deliberately activates an alarm system knowing that there is no fire or emergency*



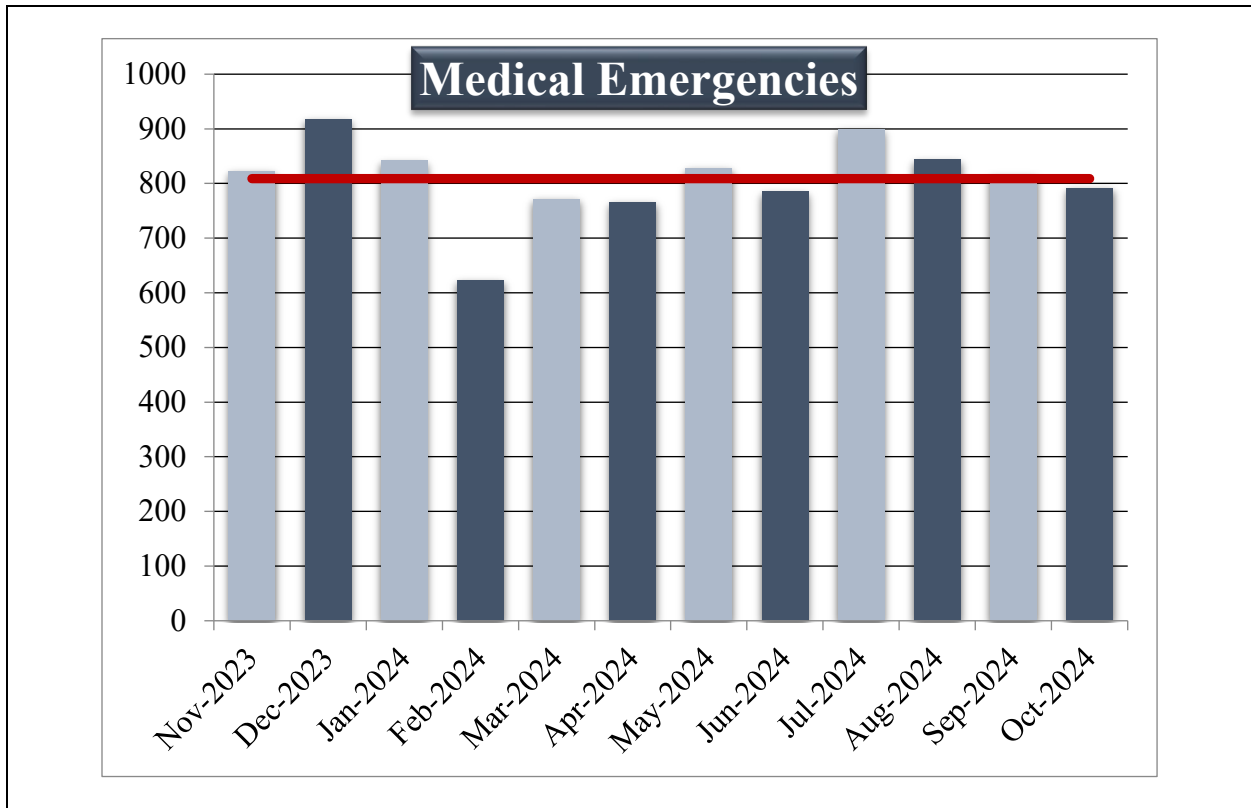


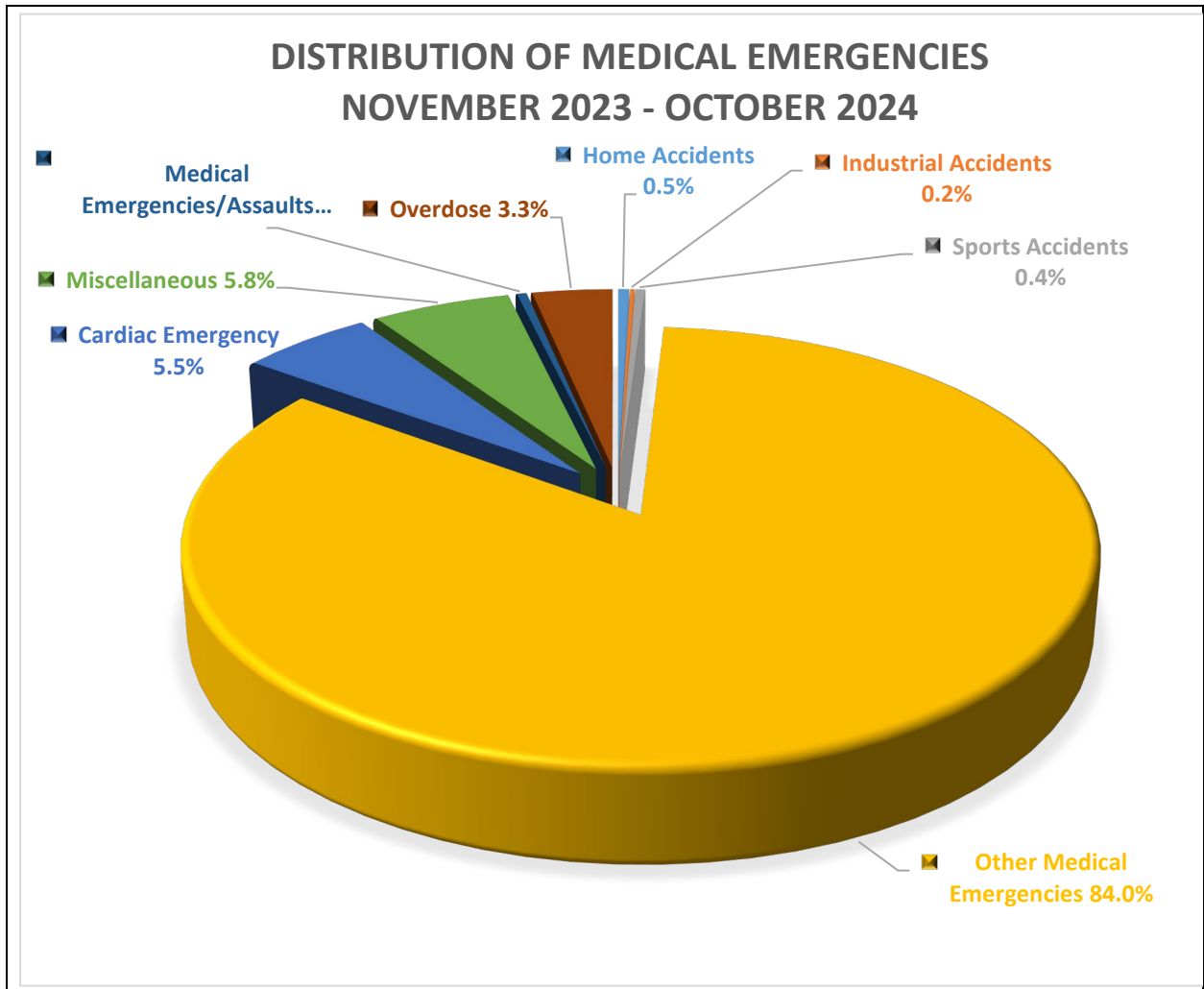
Interpretation:

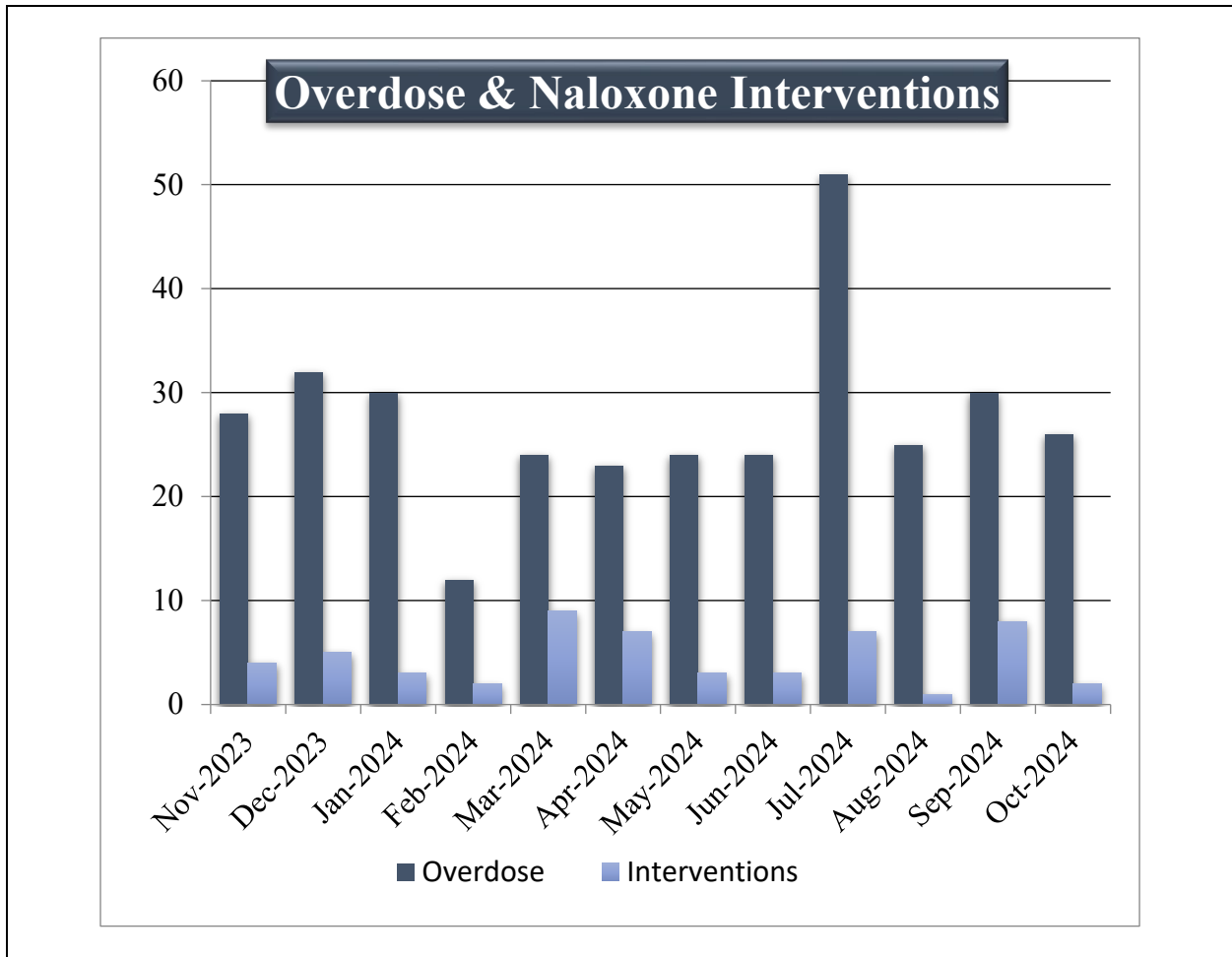
- *None provided.*

Description:

- *Assist incapacitated person(s)*
- *Assist person(s) to gain entry*
- *Assist police or other agency*
- *Street/road wash down*
- *Utility wires down*
- *Vehicle problems*
- *Water problems*
- *Miscellaneous*
- *Filming on Location*
- *Public Education/Demonstration/Show & Shines*
- *Tower Crane Survey*







Interpretation:

- *None provided*

Description:

- *These statistics provide a representation of the total number of overdose based events responded to by the Burnaby Fire Department, with a further identifier of the number of those events where Naloxone is utilized to counteract the impairing substance.*

2.2 Fire Prevention Division Statistics

September & October Total Activity:	857
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Approvals & Reviews - Completed	September	October	Total
Pre-Final Buildings	4	2	6
Building Final Approvals	39	33	72
Fire Safety Plan Approvals	11	20	31
Permit/Plan Application Reviews	44	68	112
Alternative Solutions Code Report Reviews	1	1	2
Witnessed Life Safety Functional Tests	8	1	9
Business Licences	187	224	411
Sprinkler	11	16	27
FPP - Progress Inspection	0	3	3
Day Care Applications	5	4	9
Flow tests	0	0	0
			682

Investigations - Completed	September	October	Total
Fire Investigates Conducted	5	2	7

Initial Inspections									
September & October 2024 - Completed	Annual	Building	Complaint	Lockbox	Maintenance	On-Site Request	Food Truck	MISC.	Total
High-Rise Buildings	3	2	0	2	2	0	0	5	14
Low-Rise Buildings + Multifamily	12	0	2	4	0	0	0	2	20
Business Complexes (Warehouse, Office)	6	4	0	3	5	6	0	10	34
Base Buildings	0	0	0	1	0	0	0	2	3
Child Care Facilities	0	0	0	0	0	0	0	5	5
Educational Institutions & Schools	0	0	0	0	0	2	0	3	5
Food Trucks	0	0	0	0	0	0	0	0	0
Misc Building Type	9	1	5	1	0	9	2	17	44
									125

Re-Inspections									
September & October 2024 - Completed	Annual	Building	Complaint	Lockbox	Maintenance	On-Site Request	Food Truck	MISC.	Total
High-Rise Buildings	0	0	1	0	0	0	0	0	1
Low-Rise Buildings + Multifamily	13	0	0	2	0	3	0	4	22
Business Complexes (Warehouse, Office)	3	0	0	0	2	2	0	0	7
Base Buildings	0	0	0	0	0	2	0	0	2
Child Care Facilities	0	0	0	0	0	0	0	1	1
Educational Institutions & Schools	0	0	0	0	0	0	0	1	1
Food Trucks	0	0	0	0	0	0	0	0	0
Misc Building Type	4	0	1	1	0	2	0	1	9
									43

2.3 Training Division Programs

Training – Activities

Activities and completed training initiatives

Training Division Planning

- Investigate and develop proposal for Training Division staffing to assist in recruiting and retaining Training Division personnel; discuss a minimum staffing over extended absences

Fire Officer 1:

- FO1 ESM course Oct 26-30 (18 candidates); newer FO instructors inserted into course as many senior instructors will be in the FO3 course next training block
- Development of detailed FO1 course in anticipation of entire Training Division change over in 2025 (fine-tuned by ACTO Edgcombe during fall Training Block as course progressed).
- Completion of single 2023 FO1 candidate preceptorship (delayed due to MTD injury); Live Fire component to be completed Nov 20.
- **1104 personnel hours**
- Sims-U-share test scenarios to be developed

Fire Officer 2:

- Completed FO2 programming re-development: detailed 5 day lesson plan programming completed for 2025 FO2 (with diminished senior instructor participation due to FO3 course)

First Responder/EMR:

- Departmental personnel completed practical component for Provincially mandated FR/EMR scope of practice update
- Online written component for Scope of Practice update still in progress; AFC have been getting shift personnel to complete this section
- Catch-up on missing on-shift personnel due to sickness or injury for practical scope of practice update.

Rescue Task Force Medic:

- In response to a request from RCMP to address the need for adequate medical response during ADT emergencies, we have developed a program (still ongoing)
- Shift wide awareness training took place online in September
- FR Coordinator (Ryan Ward) and RTF-Medic Facilitator (Mike Franks) ran the shift leads through a practical training component with RCMP Medic Program lead, Dr. Vu.

- Shift leads ran the on-duty personnel through a practical awareness session in preparation for the operations nights
- Captain Mike Franks ran all participants in the practical operations training through enhanced medical training the day of each session
- Practical Training sessions commenced with RCMP Tactical units October 6, 7, 10, 11 (17:00 – 01:00 hrs); each session consisted of a training component followed by 2 complete live scenarios
- 75 members trained with a total of **656 personnel hours** for the night scenarios
- On-shift training hours in preparation totaled **897 hours**

Department-wide Company Training/Operations:

- RTF-Medic training accounted for in above submission

Developed / Scheduled/ Delivered Company Training for annual JPRs:

- Geography familiarization (shift wide)
- RTF-Medic Awareness
- Respectful Workplace training
- Extreme weather response
- ITAC training: CPR/PACT reports
- Blackline detectors
- Fire Extinguisher review
- Smoke curtains

Return to Work:

- Supervised 1 – RTW personnel (AFC level) for 1 week

Driver Training:

- Group 42 (Jan 2020 hire)
 - 4 Pump Tests completed

Technical Rescue Programming:

- 6 new rope instructors put through an 11 day THARP sponsored course

Recruits & Probationary Firefighters:

- Competed 14 – 1 year exams for Fall 2023 group (42 personnel hours)
- Fall 2024: 11 recruits started Oct 1: 2032 personnel hours

TOTAL TRAINING HOURS: 8049

3. COMMUNITY OUTREACH INITIATIVES

3.1 Community Engagements

Event Type: Seton Villa Rest Home

Date: October 22

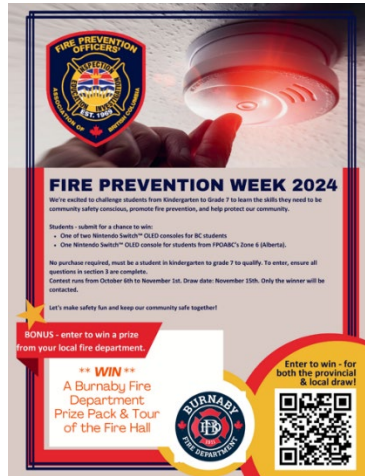
- Detail:*
- Fire safety talk with 30 residents about the most recent Vancouver High Rise Fire, and fire safety for seniors.
 - Gave a challenge coin to the oldest resident at 106 Years old



Event Type: FPOABC and BFD Public Education Officer Contest

Date: Fire Safety Week Oct 13-19

- Detail:*
- Put together an online contest in collaboration with the FPOABC to see if there would be anyone who would like to win a prize pack and tour of the fire hall.
 - Waiting on the statistical data to see if it worked.



Event Type: BCAT (Burnaby Community Action Team)

Date: On-Going

- Detail:*
- Monthly meetings with updates to the numbers of Overdoses 2024

	September	August	July
Total Medical Emergencies	815	844	900
Total Overdose Incidents	30	25	51
% of Medicals that are Overdose Incidents	3.68	2.96	5.67
Number of Naloxone Interventions	8	1	7
Number of Naloxone Doses Administered	15	3	11

Event Type: Burnaby Fire Safety Week

Date: October 13-19

Detail:

- Fire & Life Safety Education presentation out in the public, at Metrotown Center.
- Also worked with the Media and Communication Department to tweet and put out social media for the fire safety week items.



Event Type: Community Outreach with Burnaby RCMP, SD41

Date: Restorative Justice Circle

Detail:

- Community Outreach with Burnaby RCMP, SD41, and three students that had set Burnaby Central School on Fire last year.
- Process is confidential but was appreciated to be apart of this and hopefully the students learned that there are better avenues for the future.

Event Type: City of Burnaby Big Boo Halloween Event

Date: October 25 – 5-10 PM

- Detail:*
- Gave out 700 glo sticks to children in costumes (supplied by public education officer).
 - Set up the fire safety house and smoke machine in the gym and had kids tour the house
 - Handed out candy to the kids in costume (supplied by Local 323 Union)
 - Handed out smoke alarms and magnets to the parents
 - Total of over 1500 people attended



Event Type: BCIT Fire Safety Lab Lecture

Date: October 29

- Detail:*
- Spoke with this semester’s lab students for the Health Science building about lab safety and the use of a fire extinguisher.
 - PEO brought the fire extinguisher trainer for the students to try.



Event Type: Media Relations – Public Information Officer

Date: Interviewed on GLOBAL BC for Fire Safety Week

- Detail:*
- Spoke with Coleen Christie from Global News about the fire safety week Smoke Alarms Save Lives.
 - Talked about the fire safety week



Conclusion

Thank you for the time and effort you spend referencing and utilizing this report in support of advancing the public safety of the City of Burnaby.

A handwritten signature in cursive script that reads "Miles Ritchie".

Miles Ritchie
FIRE CHIEF

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