

**TO:** CHAIR AND MEMBERS  
PUBLIC SAFETY COMMITTEE

**FROM:** JOE ROBERTSON  
FIRE CHIEF

**SUBJECT:** FIRE DEPARTMENT REPORT

---

**DATE:** 2016 April 26

## **REPORT**

This report will provide an update for the committee of recent events related to the Fire Department:

### **MAJOR INCIDENTS**

- 1) January 2, 2017 – 20:43 hours  
- Vehicle/Building Fire



To: Public Safety Committee  
From: Joe Robertson – Fire Chief  
Re: Fire Department Report  
2017 April 26..... Page 2

2) January 16, 2017 – 12:25 hours  
- Technical Rescue

3) February 06, 2017 – 11:54 hours  
- Building Fire



4) February 21, 2017 – 13:10 hours  
- Hazmat Incident

5) February 24, 2017 – 01:58 hours  
- Furniture Store Fire





To: Public Safety Committee  
From: Joe Robertson – Fire Chief  
Re: Fire Department Report  
2017 April 26..... Page 3

6) February 25, 2017 – 19:54 hours  
- Building Fire

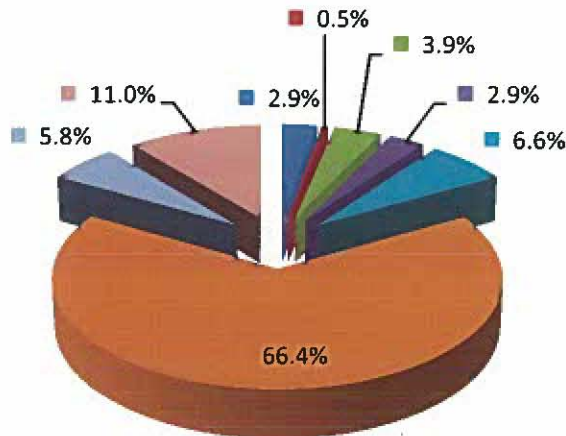


7) February 27, 2017 – 01:40 hours  
- House Fire

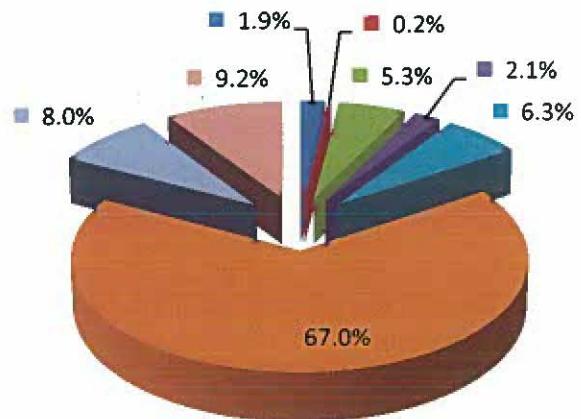


**SUPPRESSION DIVISION**

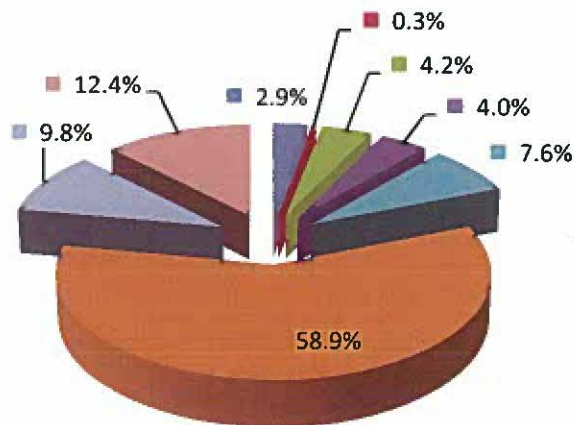
**January 2017  
Incidents**



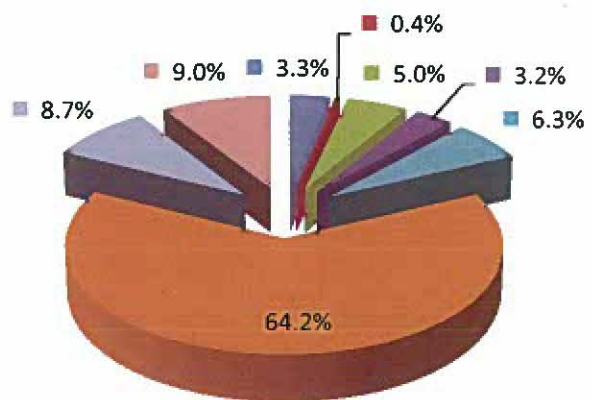
**January 2016  
Incidents**



**February 2017  
Incidents**

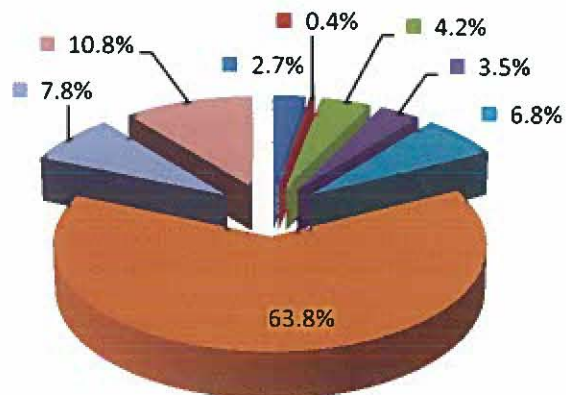


**February 2016  
Incidents**



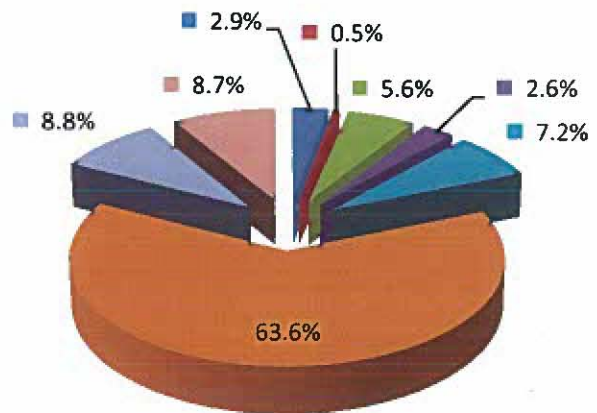
■ Building Fire	■ Vehicle Fire
■ Other Fires	■ False Alarm
■ Accidental Alarm	■ Medical Emergencies
■ Motor Vehicle Incidents	■ Public Service

### March 2017 Incidents



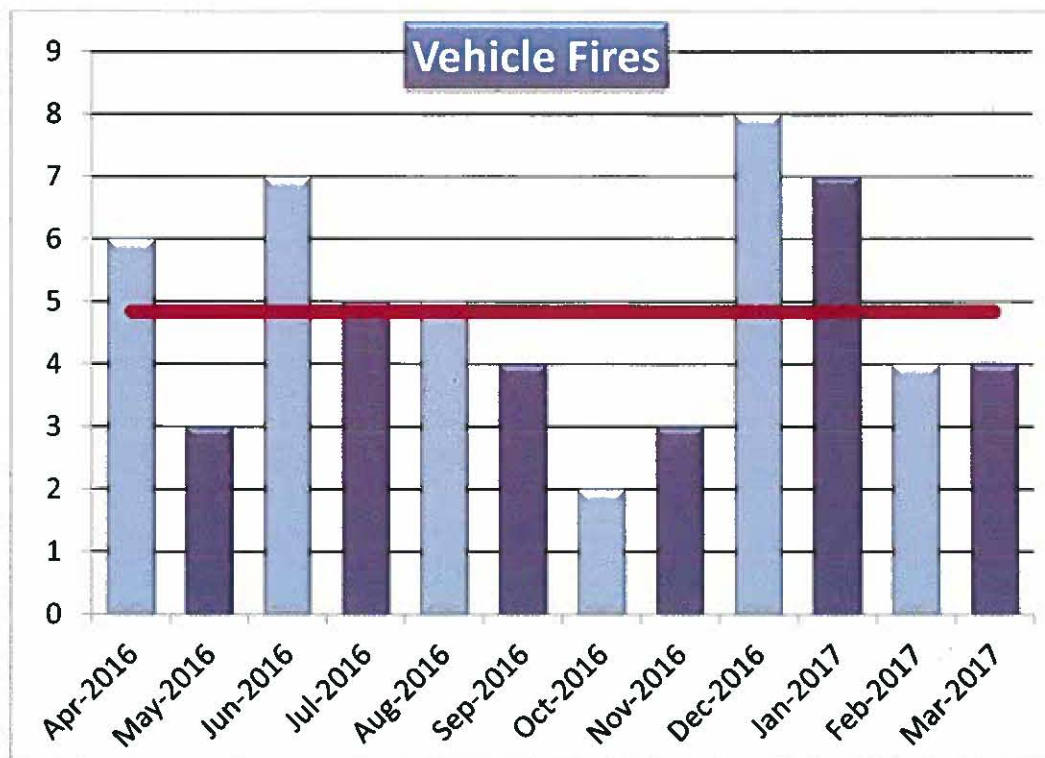
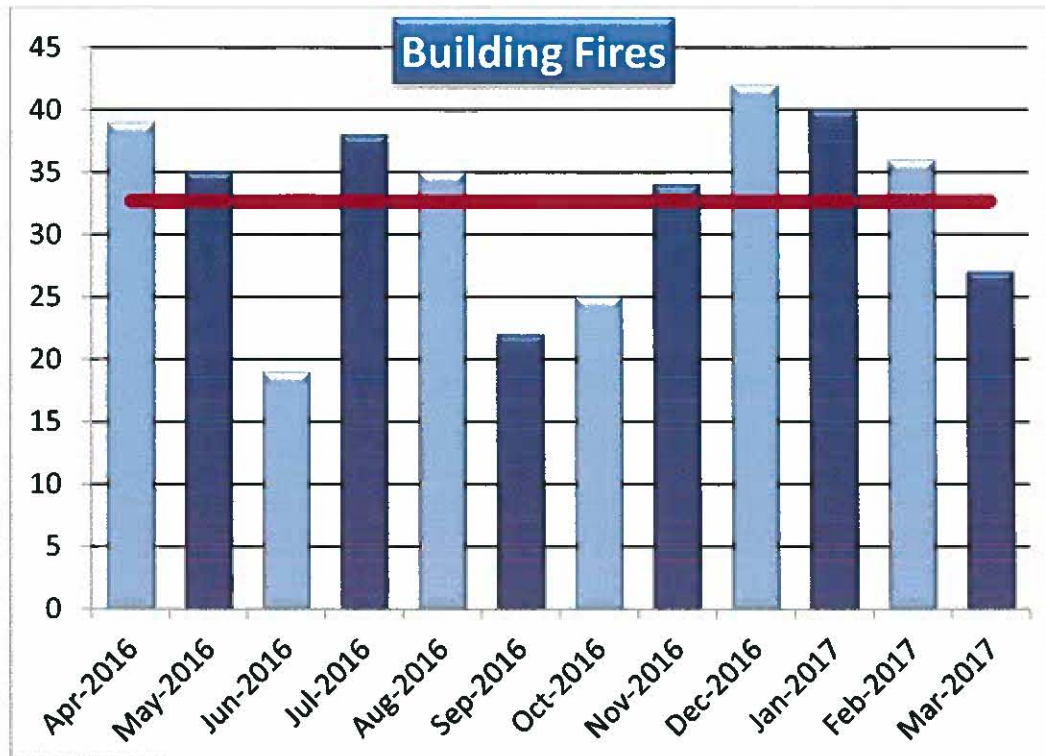
■ Building Fire	■ Vehicle Fire
■ Other Fires	■ False Alarm
■ Accidental Alarm	■ Medical Emergencies
■ Motor Vehicle Incidents	■ Public Service

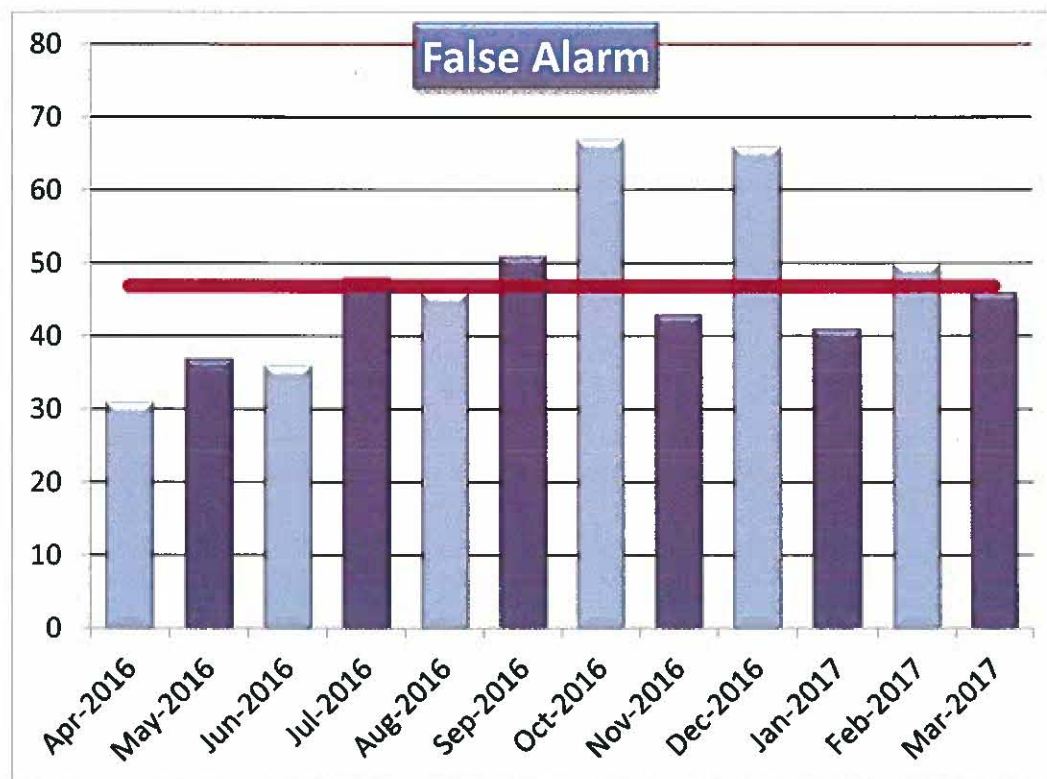
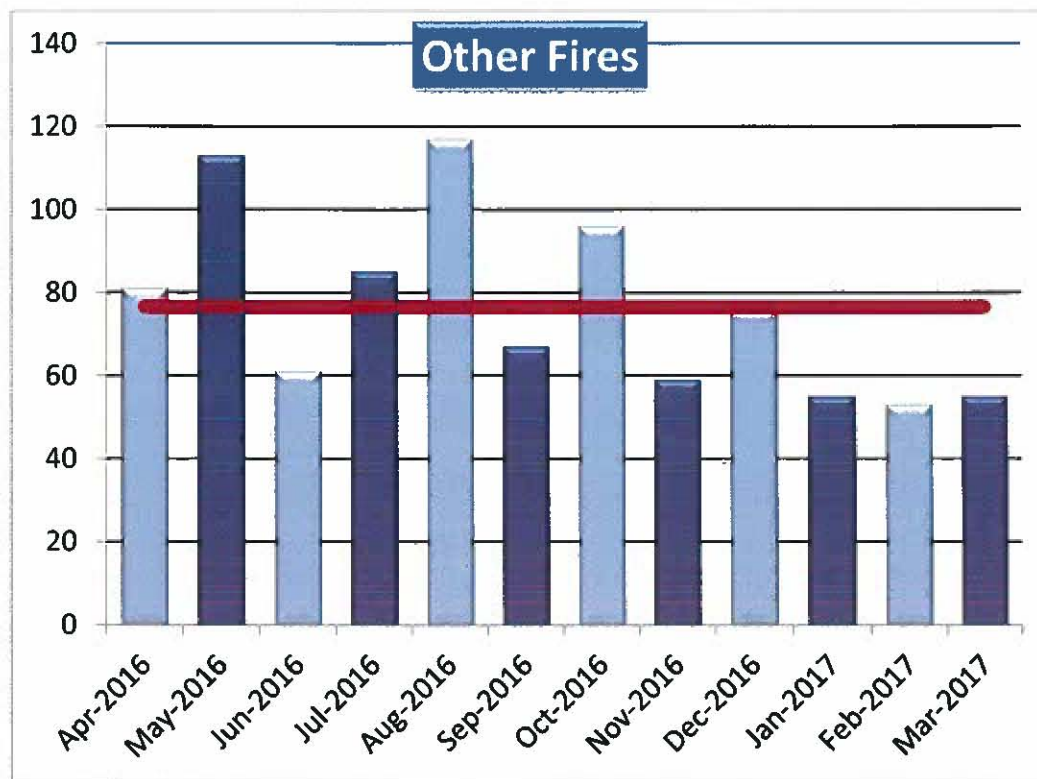
### March 2016 Incidents





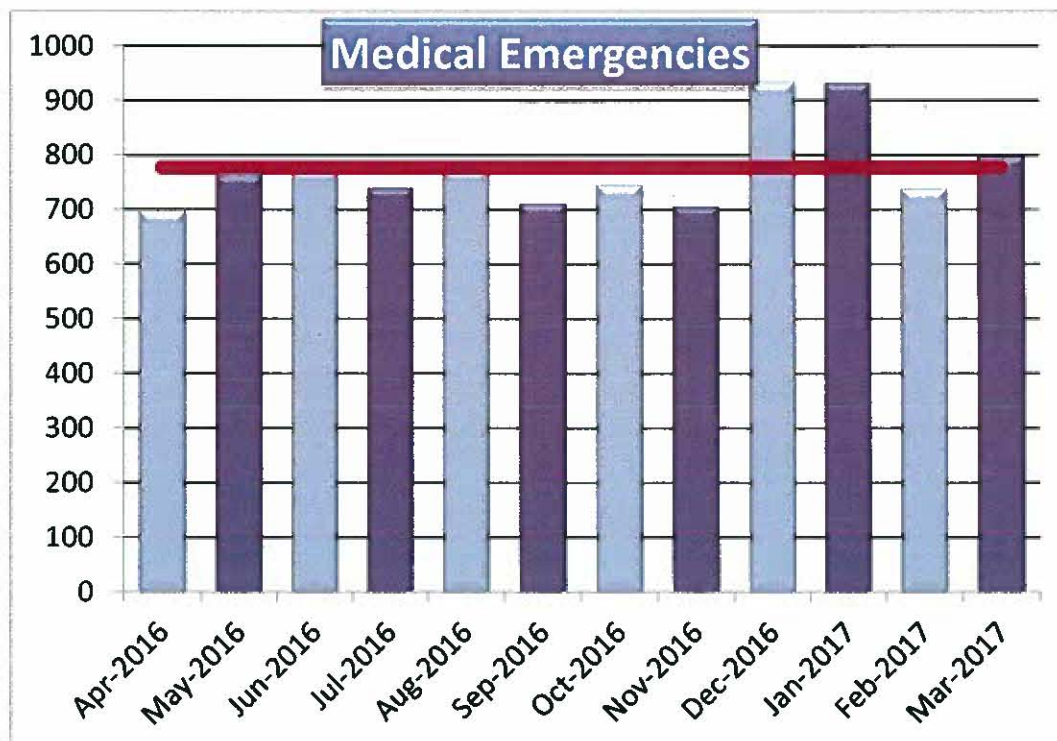
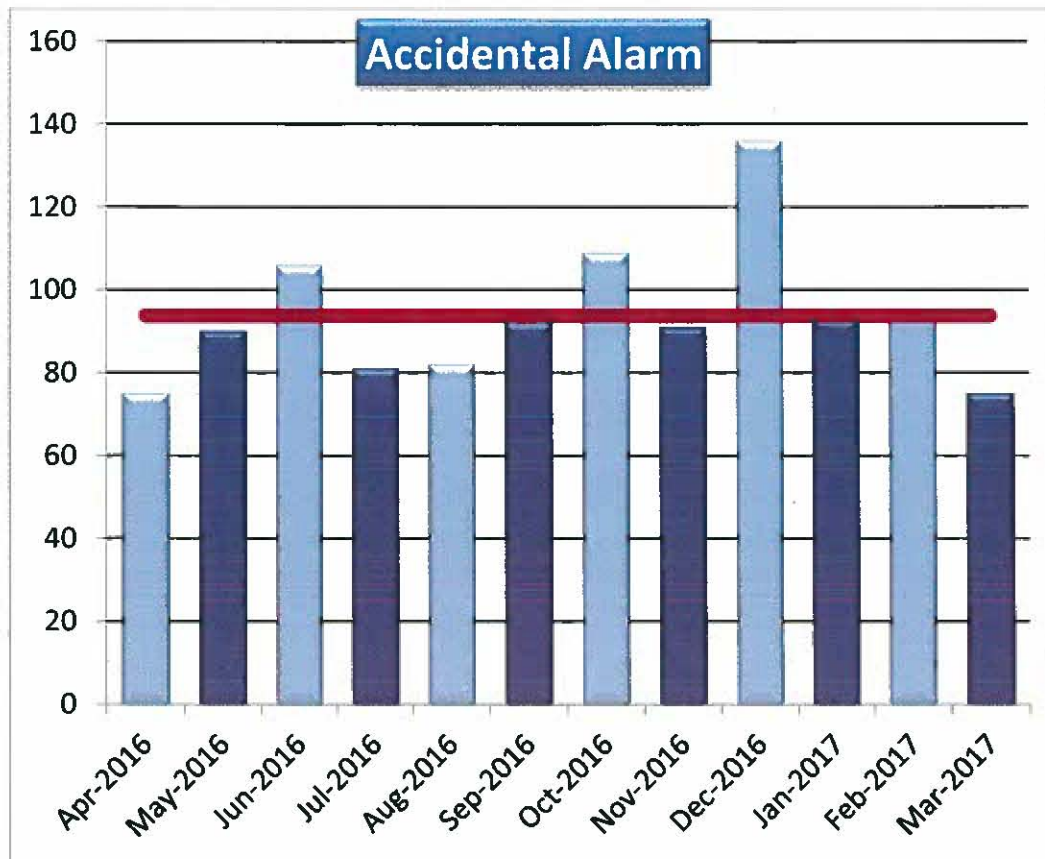
**INCIDENT TYPE STATISTICS OVER 12 MONTHS**



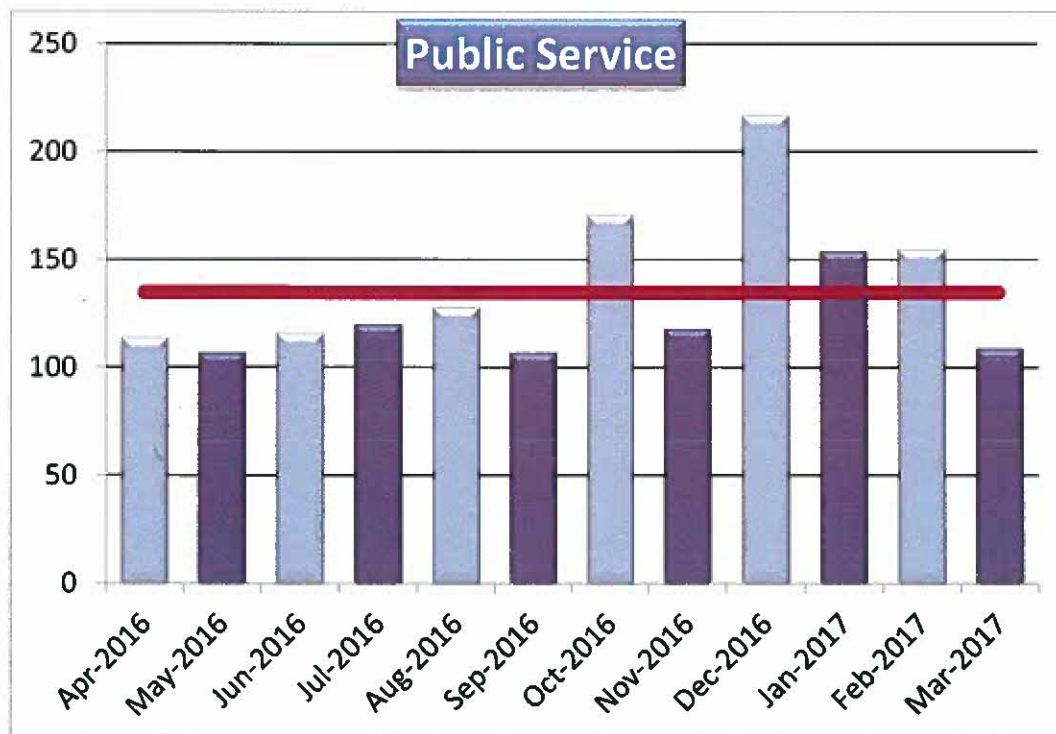
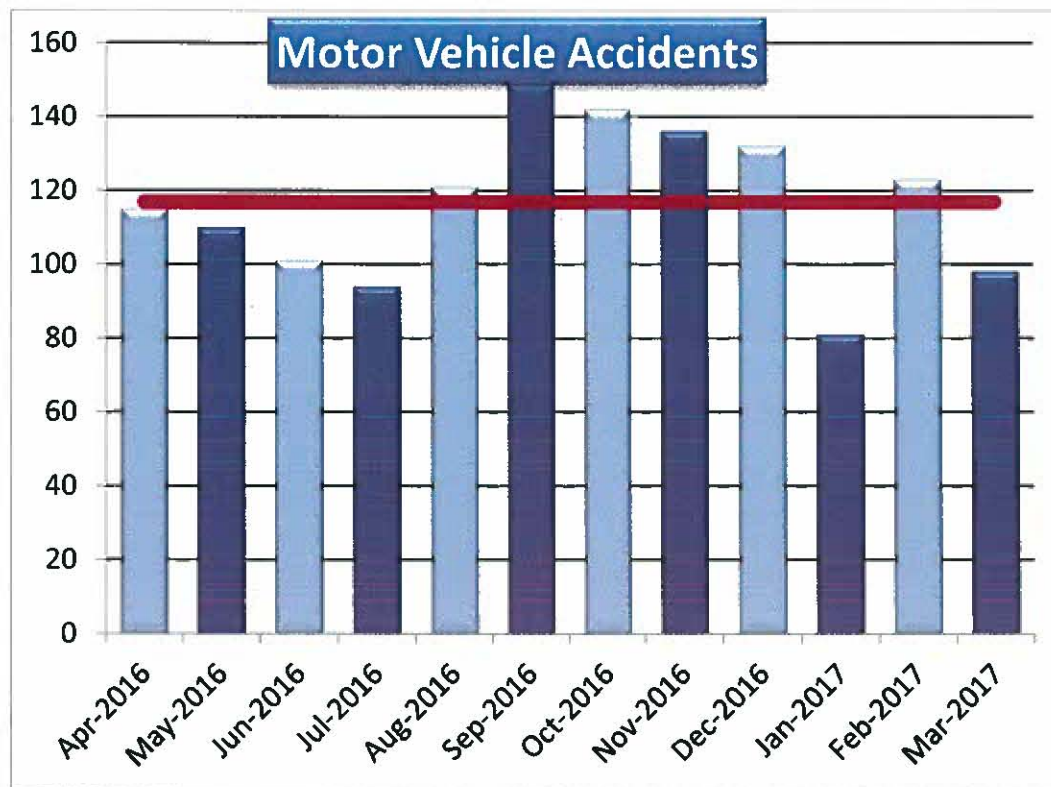


To: Public Safety Committee  
From: Joe Robertson – Fire Chief  
Re: Fire Department Report

2017 April 26..... Page 8



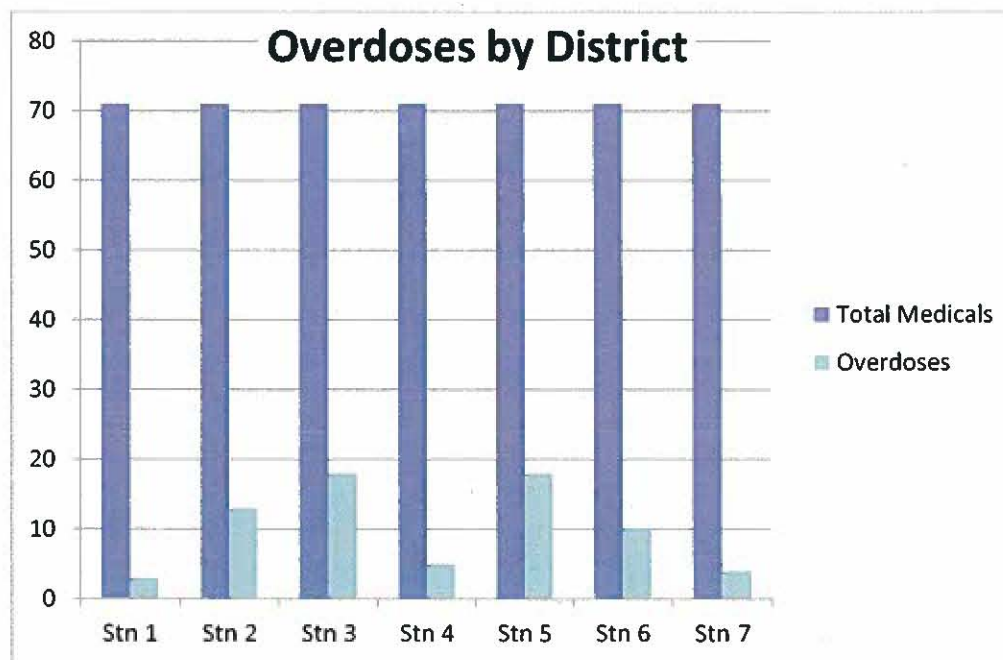
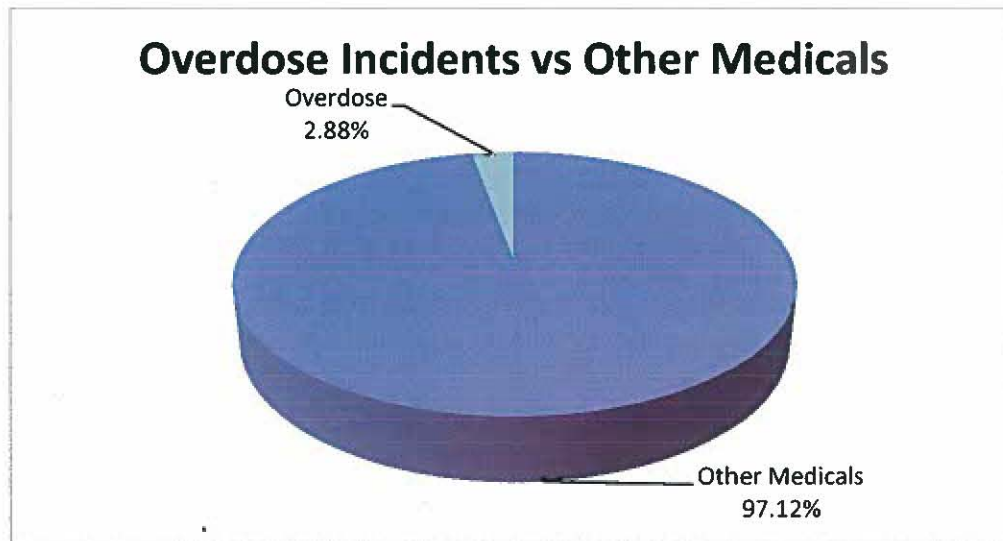


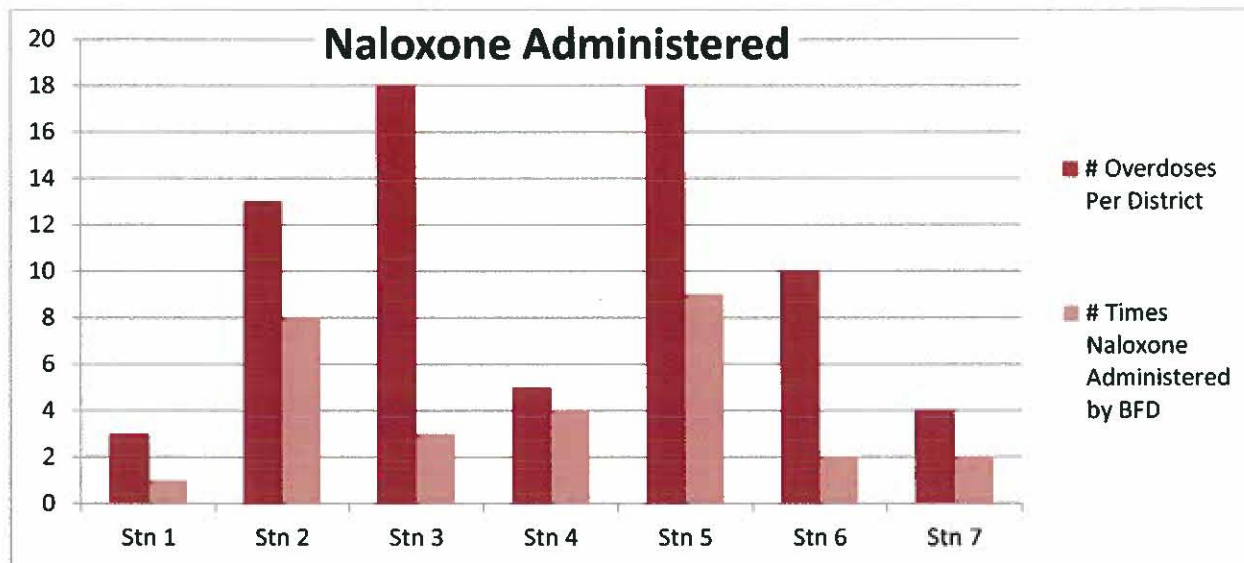


To: Public Safety Committee  
 From: Joe Robertson – Fire Chief  
 Re: Fire Department Report  
 2017 April 26..... Page 10

## OVERDOSE STATISTICS

	March	February	January	Total
<b>Total Medical Emergencies</b>	798	739	932	2,469
<b>Total Overdose Incidents</b>	27	21	23	71
<b>% of Medicals that are Overdose Incidents</b>	3.4	2.8	2.5	2.9
<b>Number of Interventions with Naloxone</b>	11	10	8	29





## **TRAINING**

The Training Division is responsible for the scheduling, implementation, and administration of all training within the Department.

On January 9th the Training Division welcomed ten new recruits into an intense eight-week training period. The recruits were trained in all the disciplines of the fire service, providing these new members with the knowledge and skills they would need to start their careers and conduct their duties with a focus on public service and firefighter safety.

Their training starting with a welcome from Fire Chief Joe Robertson, and introduction to the Department's core values lead by Deputy Fire Chief Darcey O'Riordan. The program then progressed to cover the components of personal protective equipment, hose and ladder operations, forcible entry, fire science and fire stream applications, fire ground survival, emergency radio procedures, and search and rescue.

All ten recruits spent five days achieving provincial certification as medical aid first responders and were introduced to the Department's special operations disciplines of hazardous materials, technical high angle rope rescue, heavy rescue, and vehicle extrication. They were trained in asbestos management procedures, electrical and gas safety, high rise operations, traffic safety and were certified to the Incident Command System level 100.

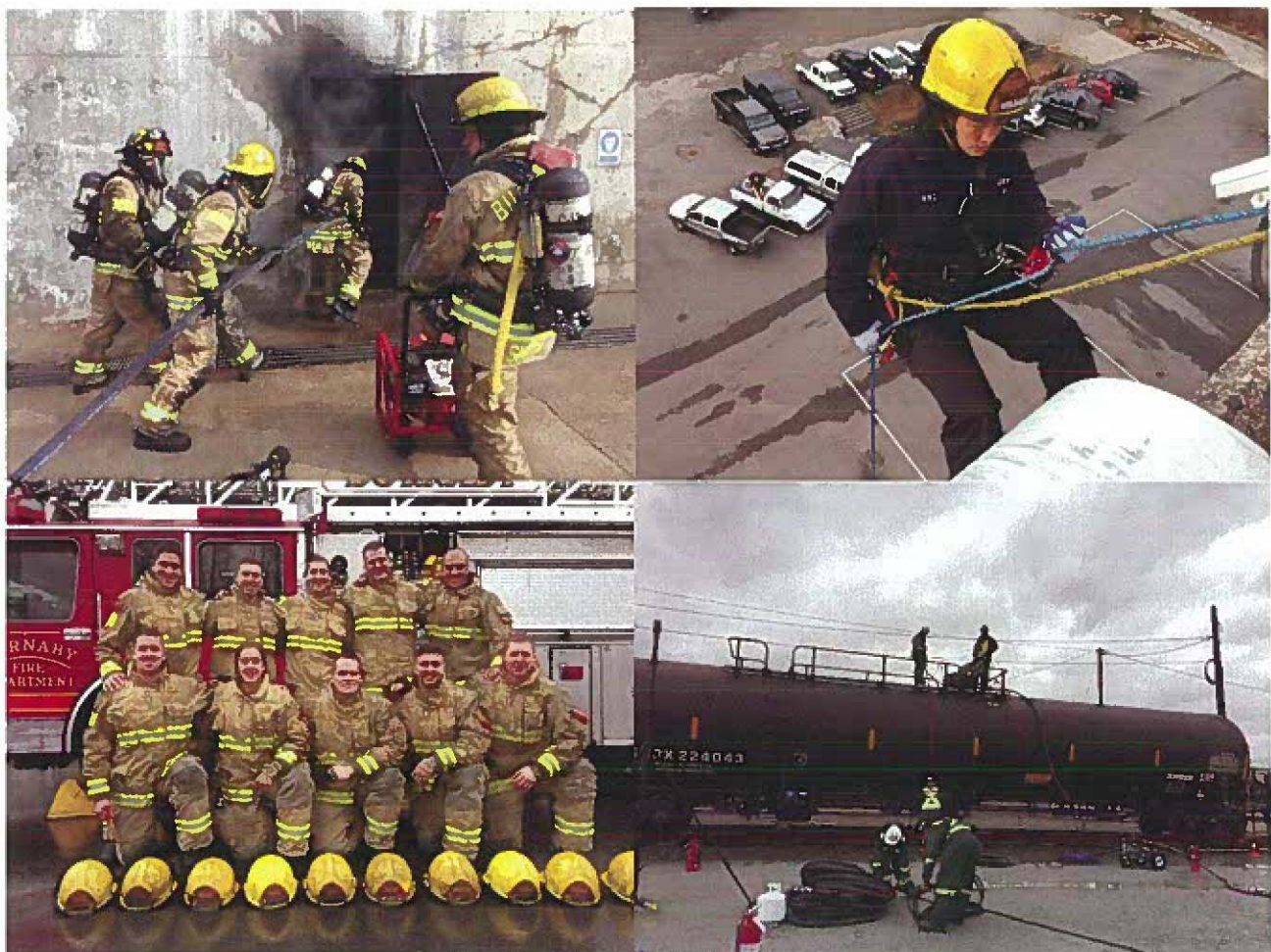


To: Public Safety Committee  
From: Joe Robertson – Fire Chief  
Re: Fire Department Report  
2017 April 26..... Page 12

In their seventh week, the recruits were involved in four days of live fire at the Justice Institute of BC Maple Ridge campus, which provided a hands-on opportunity to test their newly developed skills.

In their eighth and final week, Deputy Fire Chief Chris Bowcock and Deputy Fire Chief Dave Samson outlined the Department's expectations for administration and operations before they started their career assignments within the Suppression Division.

On Graduation day, the recruits performed their newly developed skills in front of friends and family. The Recruit Training process involved many on-duty personnel, company apparatus, and all special operations teams in order to ensure these new members of the Department were well prepared to meet the high technical and personal expectations of the fire service within the City of Burnaby.





To: Public Safety Committee  
From: Joe Robertson – Fire Chief  
Re: Fire Department Report  
2017 April 26..... Page 13

During the first quarter of 2017, the Training Division also continued to provide daily training to on-shift Department personnel in the subjects of high-rise building systems, high-rise hose work, fire behaviour, ventilation, and ventilation limited fire tactics. The first quarter objectives focused on ensuring Departmental training compliance to national standards for firefighter job requirements, medical first responder certifications, naloxone medical treatment protocols, thermal imaging camera use, vehicle operator qualification courses and fire command operations.

The second quarter of this year will start with the spring training block focusing on the development of Department officers and program instructors. Components of the training block include qualification of Fire Captains, Fire Lieutenant pre-requisite courses, advanced use of the Incident Command System, role requirements of the Incident Safety Officer, and special operations instructor development.

### **Meditation and Mindfulness**

In an effort to ensure the health and wellness of all personnel, the Department formed a partnership with Dr. Suman Kollipara who specializes in meditation exercises and mindfulness techniques that have proven successful in reducing stress, anxiety, and depression in the general population, and other emergency service industries. Dr. Kollipara has delivered similar sessions and workshops throughout the City and he strongly believes that the Department's personnel could benefit from these techniques.

The Department and Dr. Kollipara held four meditation and mindfulness workshop sessions in January 2017, with the goal of expanding the knowledge base and skill sets of Department personnel to achieve an improvement in their mental health and resiliency.



To: Public Safety Committee  
From: Joe Robertson – Fire Chief  
Re: Fire Department Report  
2017 April 26..... Page 14

## **FIRE PREVENTION DIVISION**

During the first quarter of 2017, Department Fire Inspectors:

- Initiated 118 low-rise apartment routine inspections
- Initiated 19 high-rise building routine inspections
- Initiated 7 care facility routine inspections
- Conducted numerous re-inspections on outstanding issues related to previous inspections
- Completed 297 complex business license inspections
- Completed 84 sprinkler inspections
- Completed 75 building final approval inspections
- Approved 65 Fire Safety Plans
- Reviewed and updated numerous Pre Incident Plans
- Collected Vital Information Program data
- Investigated and formally reported to the Office of the Fire Commissioner, 37 structure fires and four vehicle fires

The Acting Chief of Fire Prevention focused his efforts in the first quarter of 2017 on the professional development of the Division staff, managing rezoning issues, and approving building, fire access and sprinkler permitting plan. The Acting Chief Fire Prevention:

- Reviewed many building code reports
- Reviewed 230 city building plans for complex new construction projects

During the month of March, the Fire Prevention Division supported the continued development of Department Suppression staff by providing comprehensive high-rise training system training in order to communicate newly changed design standards for mixed-use buildings containing multiple occupancies. This training partnered the Fire Prevention Division with community stakeholders to provide fire suppression crews with onsite high-rise life safety systems orientations.

A handwritten signature in blue ink, appearing to read "J. Robertson" followed by a period and the word "for".

Joe Robertson  
Fire Chief

JR:as