

Village of Schaumburg

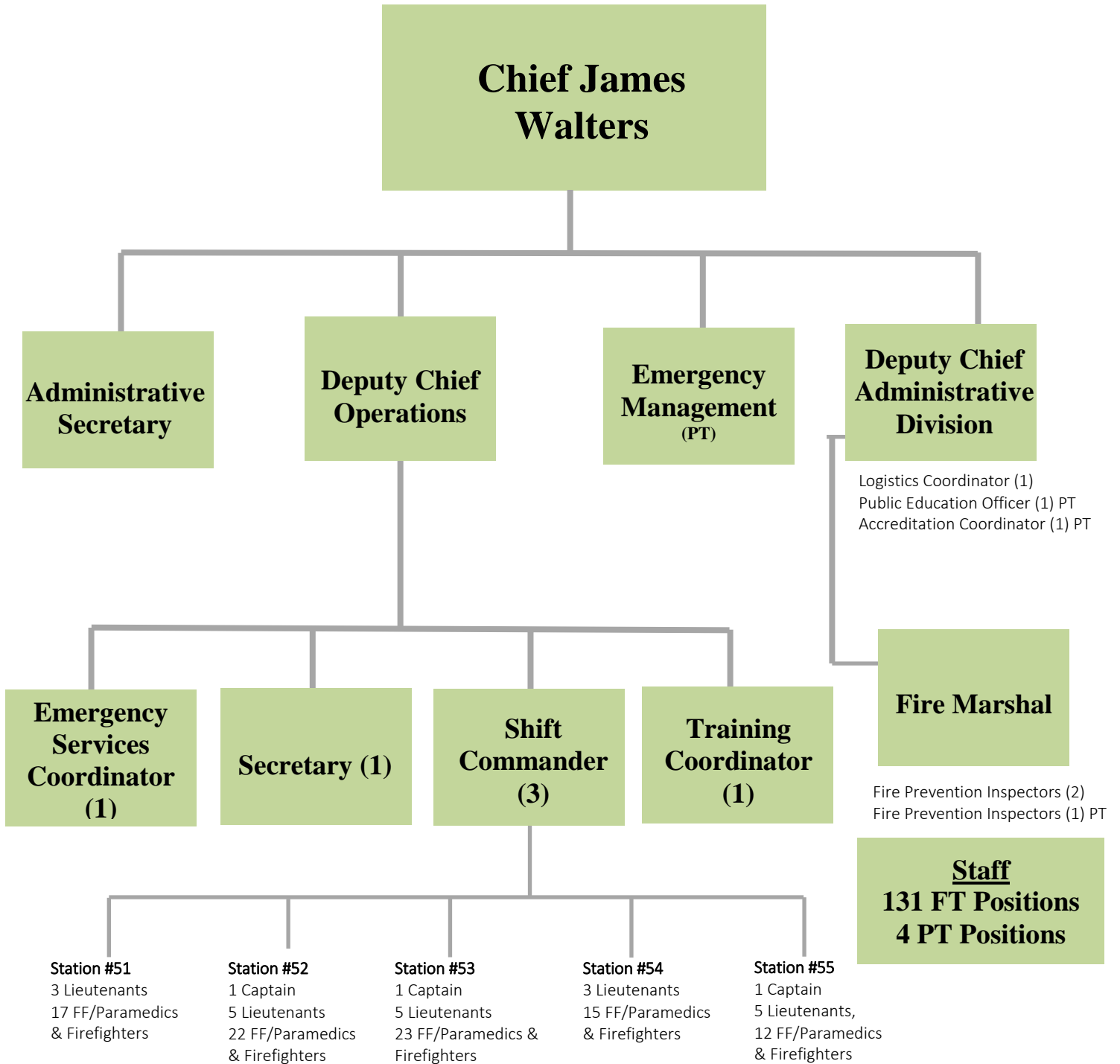
**Fire
Department
Monthly Report**

October 2017

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ORGANIZATION CHART



FIRE DEPARTMENT OVERVIEW

Five fire stations are located throughout the village. The department offers emergency response services including fire, ambulance, hazardous materials, underwater rescue and recovery, high angle, trench and confined space rescue; and education/fire prevention programs including school presentations, an open house, station tours, high rise drills, and Explorer Scout Post 333.

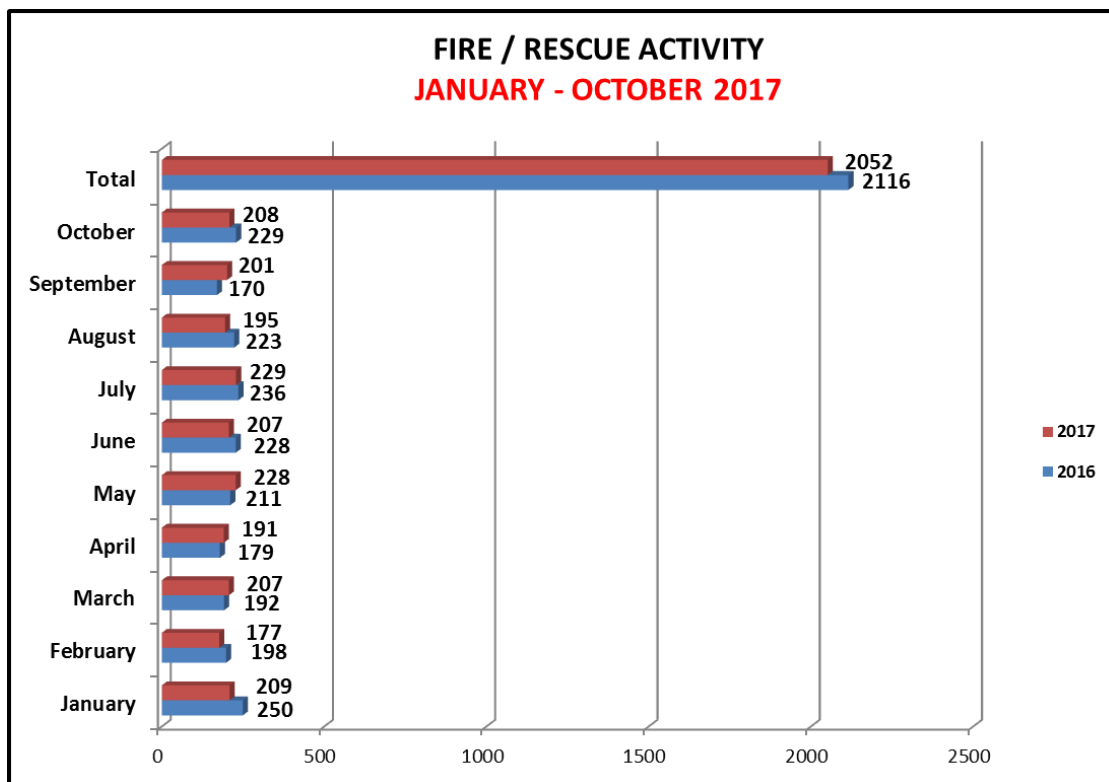
KEY ACTIVITIES

The Schaumburg Fire Department responded to 698 incidents in October 2017. Emergency medical service requests accounted for 490 or 70% of the monthly total. The remaining 208 or 30% of the incidents were fire/rescue related requests.

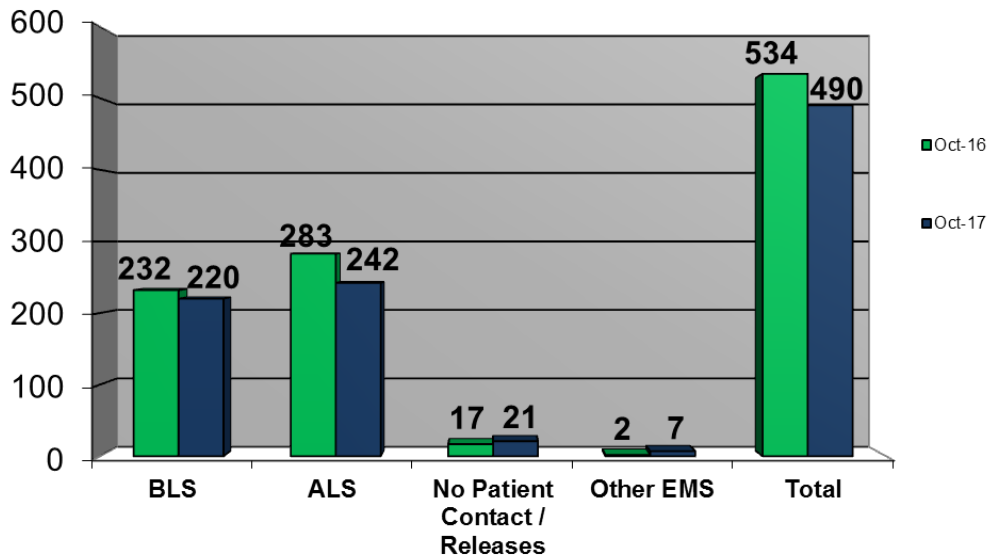
There were no structure fire losses for the month of October to report.

Mutual aid was provided to other communities for 7 total incidents and was requested by Schaumburg for 17 total incidents.

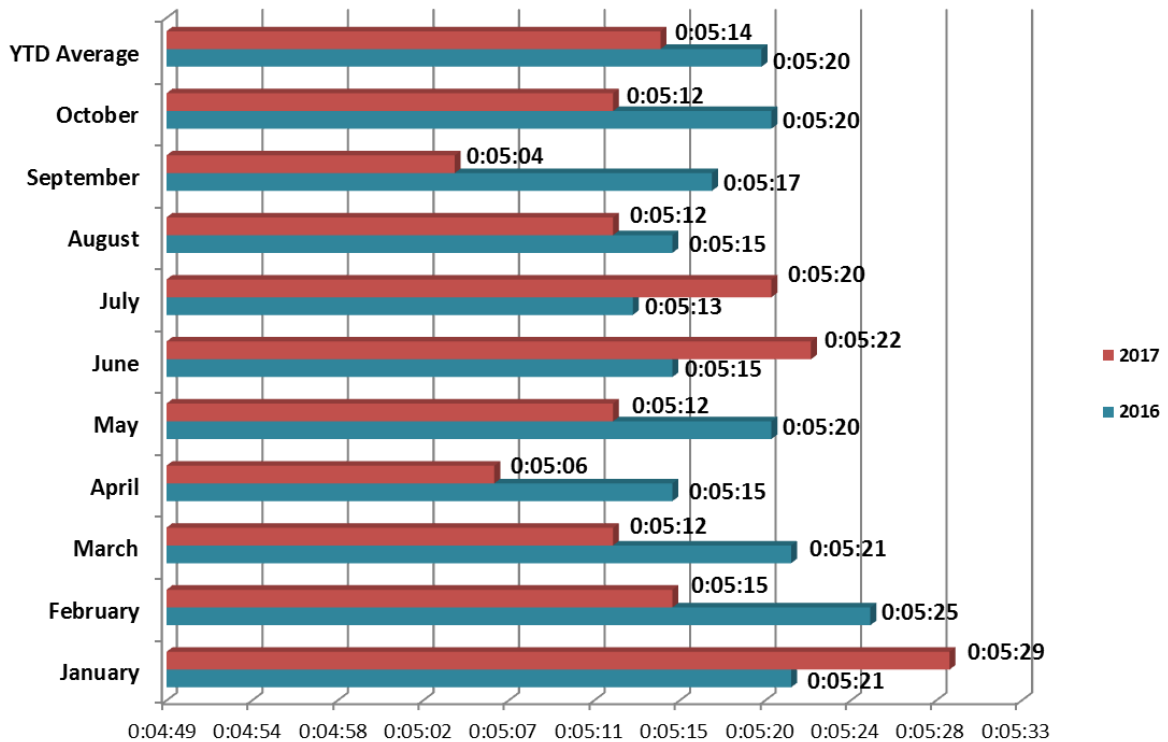
MONTHLY PERFORMANCE



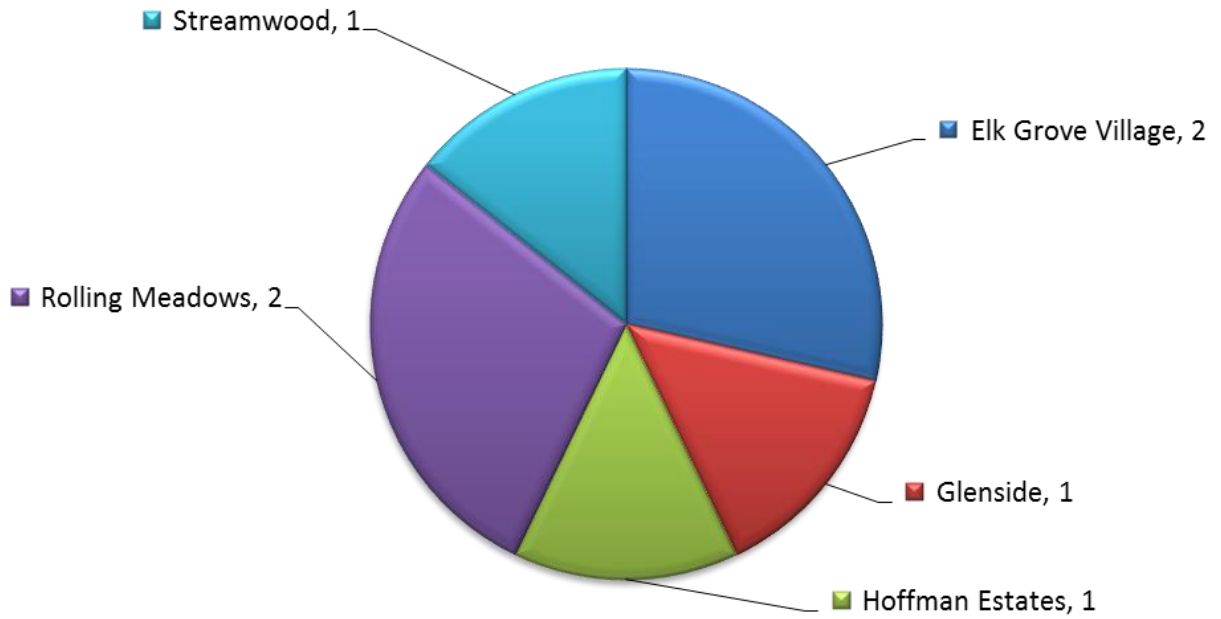
EMS ACTIVITY FOR OCTOBER 2017



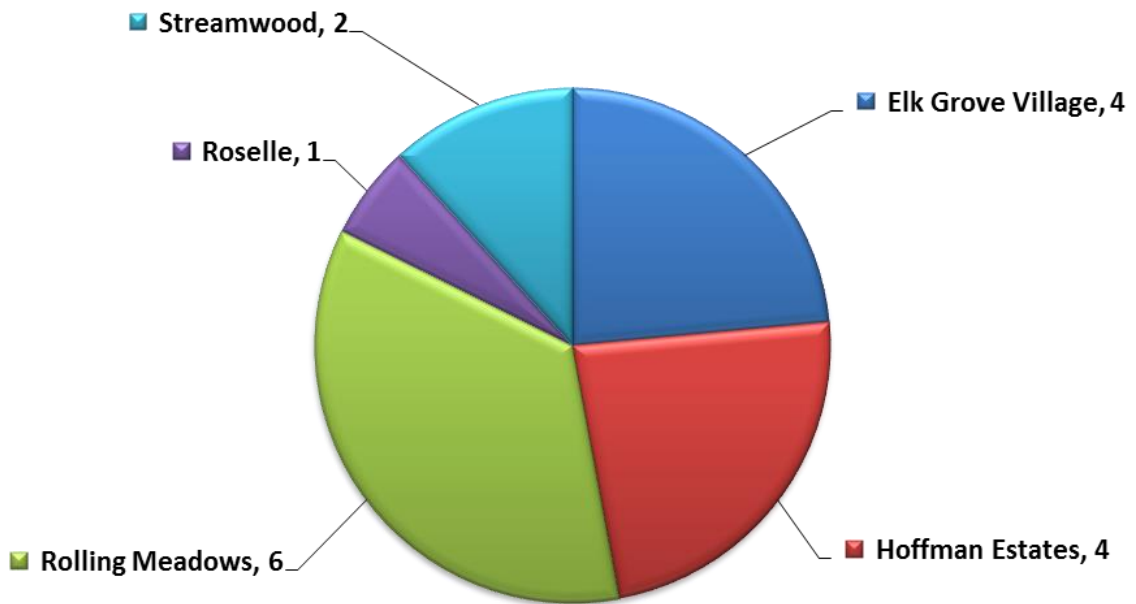
AVERAGE RESPONSE TIME 2017



MUTUAL AID "GIVEN" - OCTOBER 2017
7 INCIDENTS



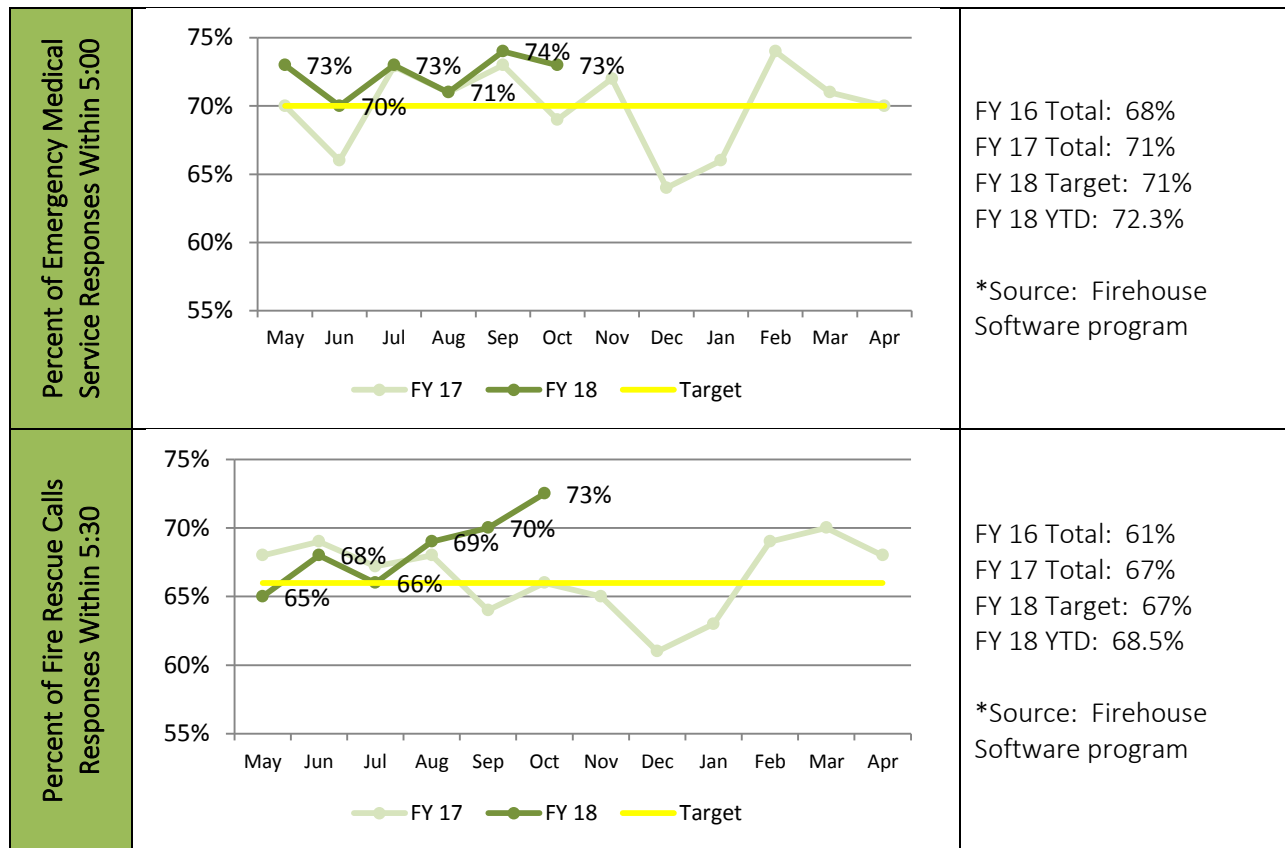
MUTUAL AID "RECEIVED" - OCTOBER 2017
17 INCIDENTS



KEY PERFORMANCE INDICATORS

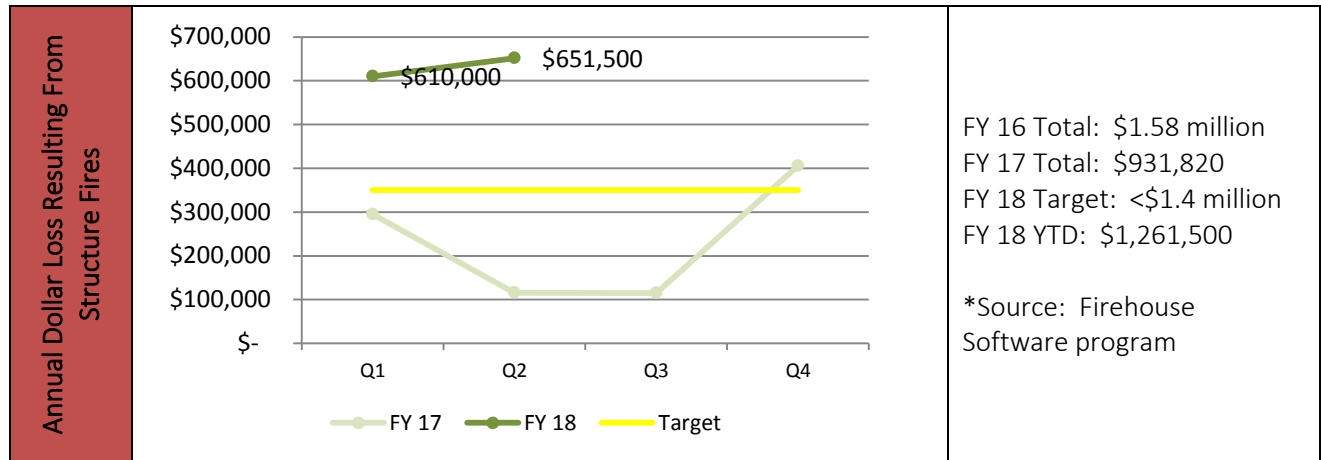
KPI 1: Emergency Response Time

Studies show that faster fire response times result in less fire loss and have a positive influence on patient care for emergency medical calls. This KPI measures the percent of calls in which the first apparatus arrives within five minutes for emergency medical service (EMS) calls and five minutes and thirty seconds for fire rescue calls. The response time identified in this KPI includes the time from which personnel are dispatched until they arrive on the incident scene. National Fire Protection Association Standard (NFPA) 1710 has established a standard travel time of four minutes. NFPA 1710 has also identified a standard of 60 seconds for EMS turnout time, and the Commission of Fire Accreditation International recommends a 90 second turnout time for fire rescue calls. Turnout time is defined as the interval that begins with the notification of fire personnel and ends at the beginning of travel. The Fire Department is currently undergoing an accreditation process and will be setting new benchmarks consistent with the standards identified through that process. This will be reflected sometime during FY 2017/18.



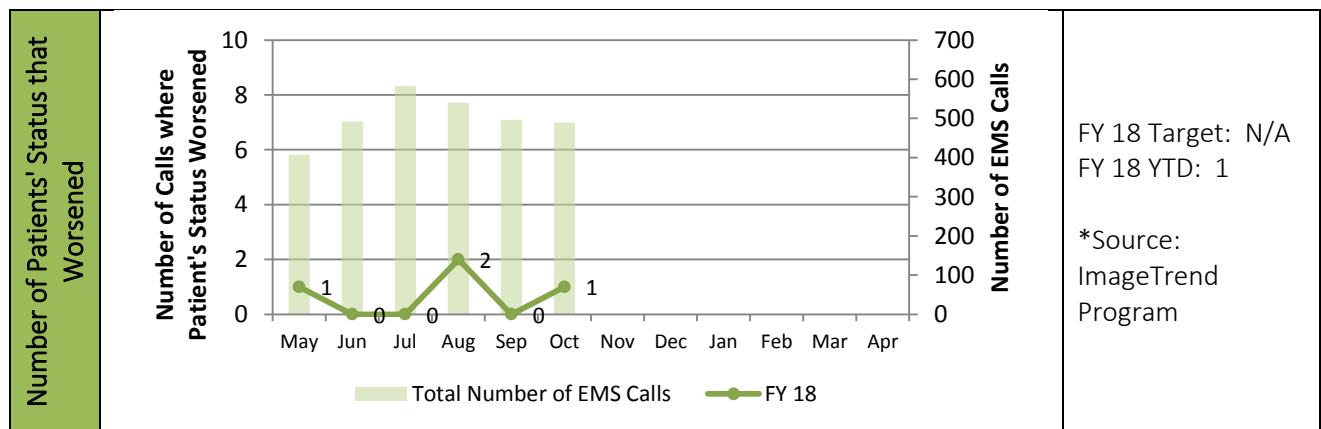
KPI 2: Total Dollar Loss

One of the most critical objectives of the fire department is to reduce the impact of fire in the community. By measuring total dollar loss, the department can determine how effective they are at completing this objective. The community's total dollar loss can be reduced through effective community risk reduction campaigns and effective fire suppression tactics. Total dollar loss that occurs as a result of structure fires consists of the value of the building and the value of the contents.



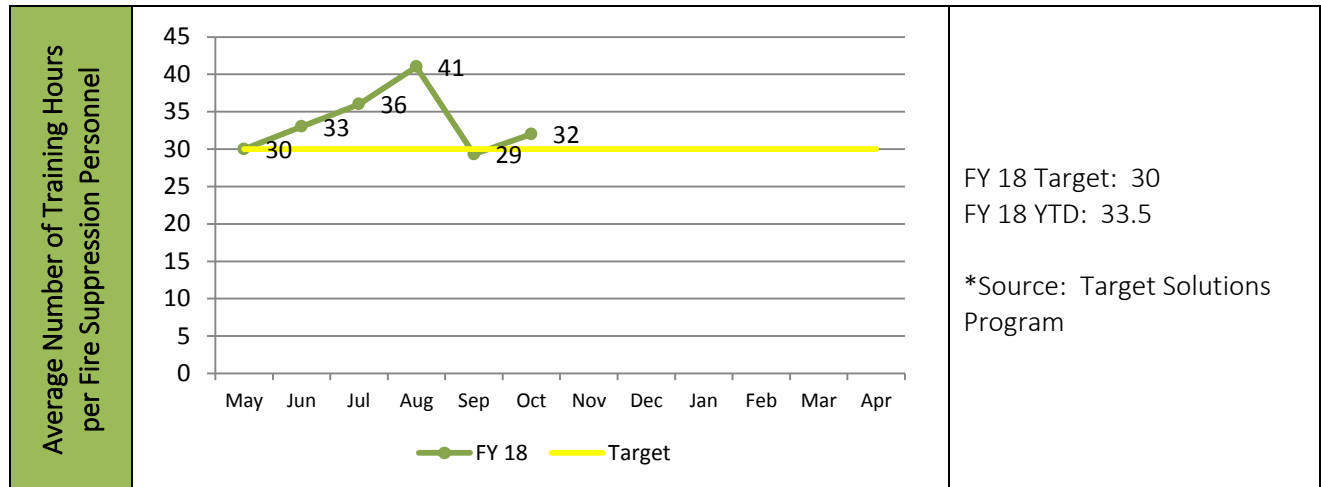
KPI 3: EMS Patient Activity

The EMS Division seeks to provide the highest quality care for all patients, which can be demonstrated through the patient activity while in our care. Fire Department EMS personnel complete a report for each patient that has received care. This report includes a field that indicates whether the final patient's acuity was unchanged, improved, or worsened during our care. This KPI will measure the number of patients whose status worsened within our care. Due to lack of previous data, the results will be collected during FY 2017/18 and this data will be used to set a benchmark in FY 2018/19.



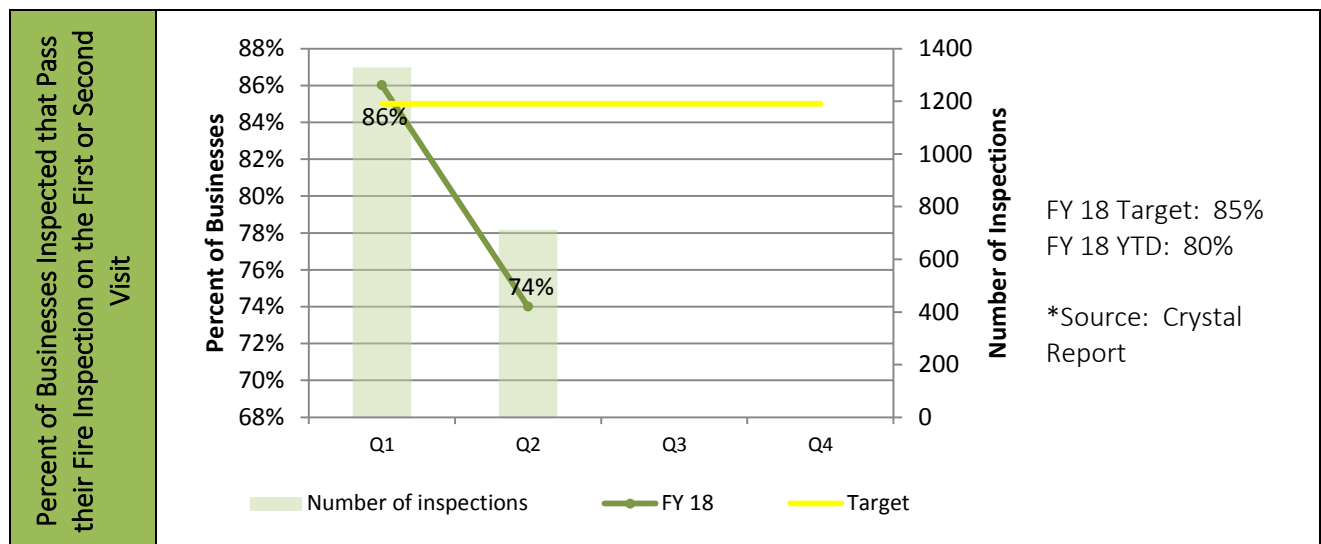
KPI 4: Average Training Hours

The amount of time that the fire department invests in training can influence the abilities of personnel during emergency events. The department strives to maintain a highly skilled and well-prepared staff. This KPI measures the amount of training hours per the average fire suppression personnel (firefighter, lieutenant, captain) per month. The department averaged 15 hours per month during 2016 and will set the benchmark for FY17-18 at 16 hours per month.



KPI 5: Fire Inspection Compliance

Fire inspections are conducted to ensure a reasonable degree of safety. Businesses that maintain their facility free of fire code deficiencies minimize their risks from fire and other hazards. This KPI will measure the percent of businesses inspected pass their fire inspection on the first or second visit. This will include inspections conducted by the fire inspectors and fire companies. Over the past three years, the department has averaged about 84% and the benchmark will be set at 85%.



KPI 6: Fire Safety Program Effectiveness

Effective public education programs will illustrate that knowledge has been gained that will lead to safer behaviors. This KPI will measure the success of the school-based education program and building evacuation program through pre- and post-tests. The department will measure the difference in the two scores, which will demonstrate an increase in knowledge. Due to recent changes in these programs, the department will measure the data in FY 2017/18 and utilize this information to set a benchmark in FY 2018/19.

<p>Test Score Improvement for School Based Training</p>	<table border="1"> <thead> <tr> <th>Quarter</th> <th>FY 18 Pre-Test</th> <th>FY 18 Post-Test</th> </tr> </thead> <tbody> <tr> <td>Q1</td> <td>56%</td> <td>92%</td> </tr> </tbody> </table>	Quarter	FY 18 Pre-Test	FY 18 Post-Test	Q1	56%	92%	<p>FY 18 Target: N/A FY 18 YTD: 36%</p> <p>*Source: Public Education Division</p>			
Quarter	FY 18 Pre-Test	FY 18 Post-Test									
Q1	56%	92%									
<p>Test Score Improvement for Building Evacuation Training</p>	<table border="1"> <thead> <tr> <th>Quarter</th> <th>FY 18 Pre-Test</th> <th>FY 18 Post-Test</th> </tr> </thead> <tbody> <tr> <td>Q1</td> <td>62%</td> <td>96%</td> </tr> <tr> <td>Q2</td> <td>63%</td> <td>83%</td> </tr> </tbody> </table>	Quarter	FY 18 Pre-Test	FY 18 Post-Test	Q1	62%	96%	Q2	63%	83%	<p>FY 18 Target: N/A FY 18 YTD: 27%</p> <p>*Source: Public Education Division</p>
Quarter	FY 18 Pre-Test	FY 18 Post-Test									
Q1	62%	96%									
Q2	63%	83%									

COMMUNITY RISK REDUCTION

The Community Risk Reduction division provides a holistic approach to fire prevention and safety. The purpose of the division is to reduce the risk of fire and all hazards through various methods, including public education and inspections.

Public Education

- Public Education Officer conducted 2 school fire drills for approximately 16 students and staff at the Ombudsman Center.
- Public Education Officer gave 3 fire safety presentations at Our Redeemer Church and Big Barn Preschool for approximately 45 Pre-K students.
- Public Education Officer conducted 12 kindergarten safety visits for approximately 371 students.
- Public Education Officer gave fire safety presentation to approximately 40 senior citizens at The Barn.
- Three station tours were conducted for approximately 40 children and adults.
- Public Education Officer conducted fire extinguisher training for 10 employees at 1501 E. Woodfield Road.
- Public Education Officer and Fire Marshal conducted 2 high-rise fire drills at 150 and 200 N. Martingale Road for a total of approximately 1,600 employees.
- Public Education Officer conducted high rise evacuation training for 1500/1600 N. McConnor Parkway for approximately 25 building staff and employees.
- Fire Department Personnel conducted 2 home safety visits.

Fire Inspections

Fire Inspectors completed inspections in nursing homes, schools, and industrial occupancies.

Fire Inspections for October 2017 = 197

Total Fire Inspections for 2017 = 2,411

Re-Inspections for October 2017 = 78

Total Re-Inspections for 2017 = 1,644

Permit Related Inspections for October 2017 = 126

Total Permit Related Inspections for 2017 = 1,064

Fire Inspector Total Inspections for October 2017 = 401

Fire Inspector Total Inspections for 2017 = 5,119

Fire Company Inspections were conducted in businesses.

Fire Company Inspections for October 2017 = 77

Total Company Inspections for 2017 = 683

Fire Company Re-Inspections for October 2017 = 10

Total Company Re-Inspections for 2017 = 147