

Village of Schaumburg

Fire  
Department  
Monthly Report

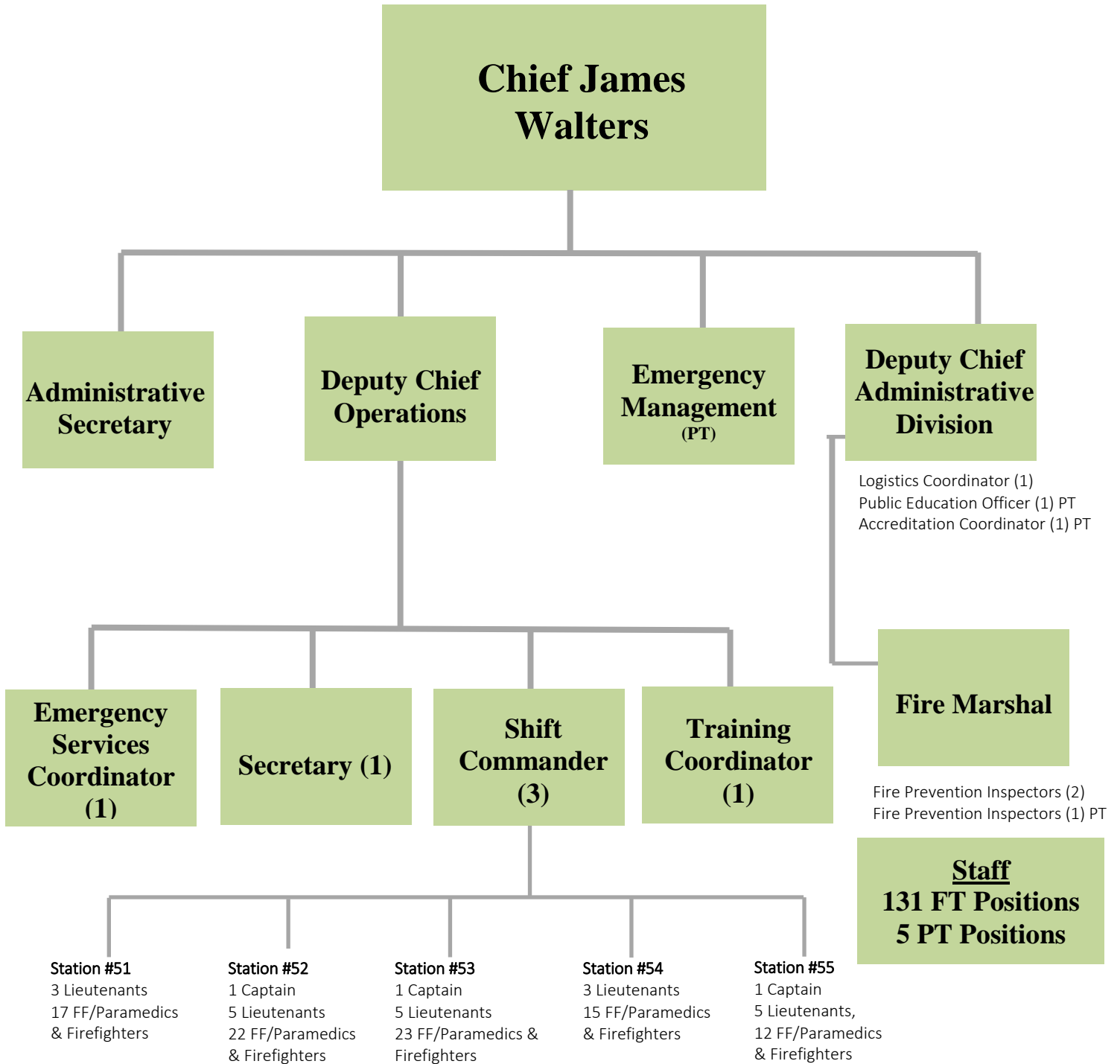
May 2018

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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 845 incidents in May 2018. Emergency medical service requests accounted for 553 or 65% of the monthly total. The remaining 292 or 35% of the incidents were fire/rescue related requests.

There was one structure fire loss for the month of May to report.

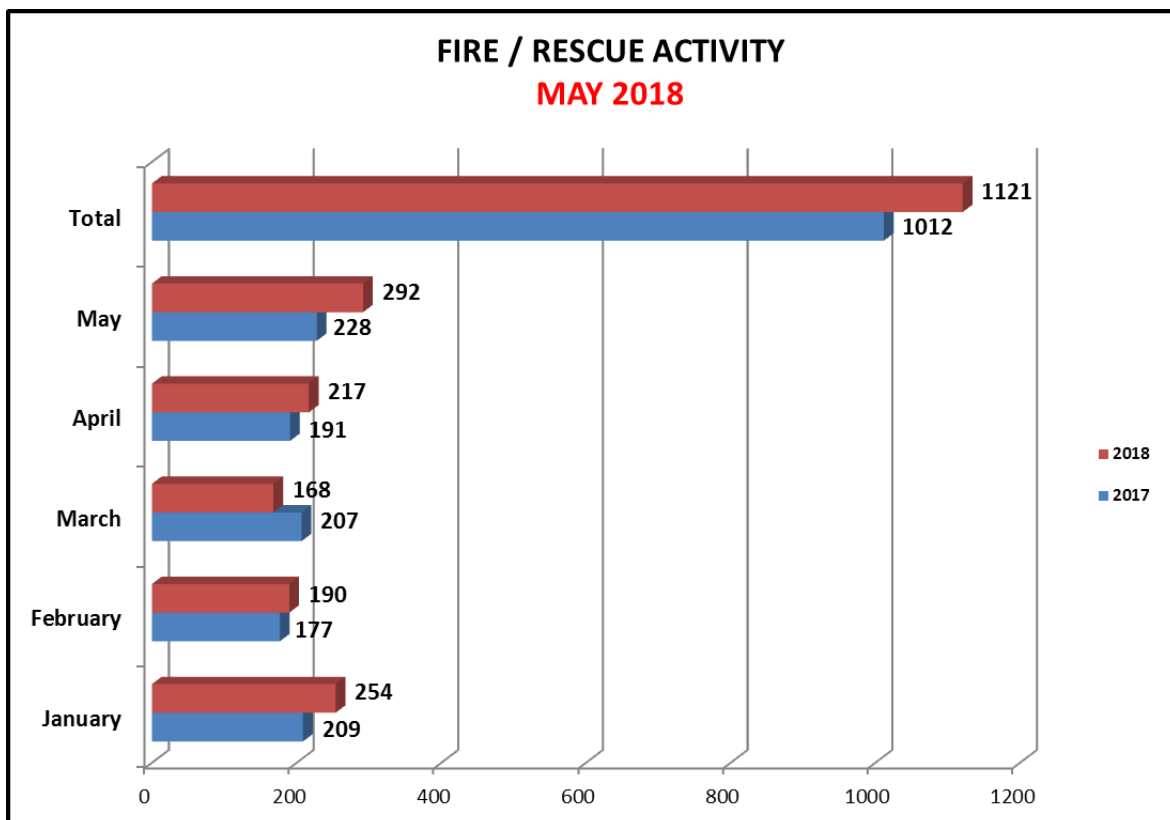
756 N. Walnut Ln.

Origin: Deck

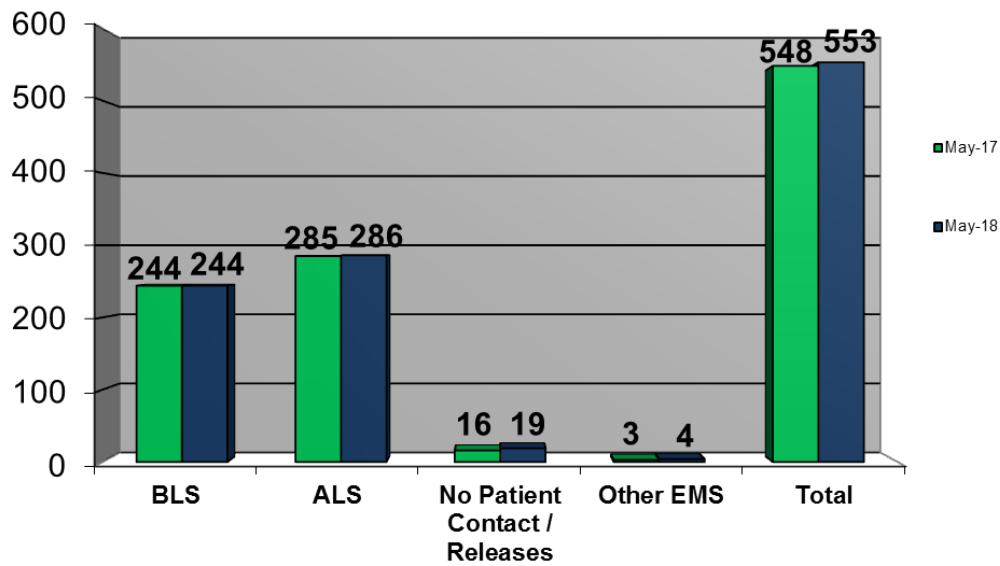
Cause: Smoking materials

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

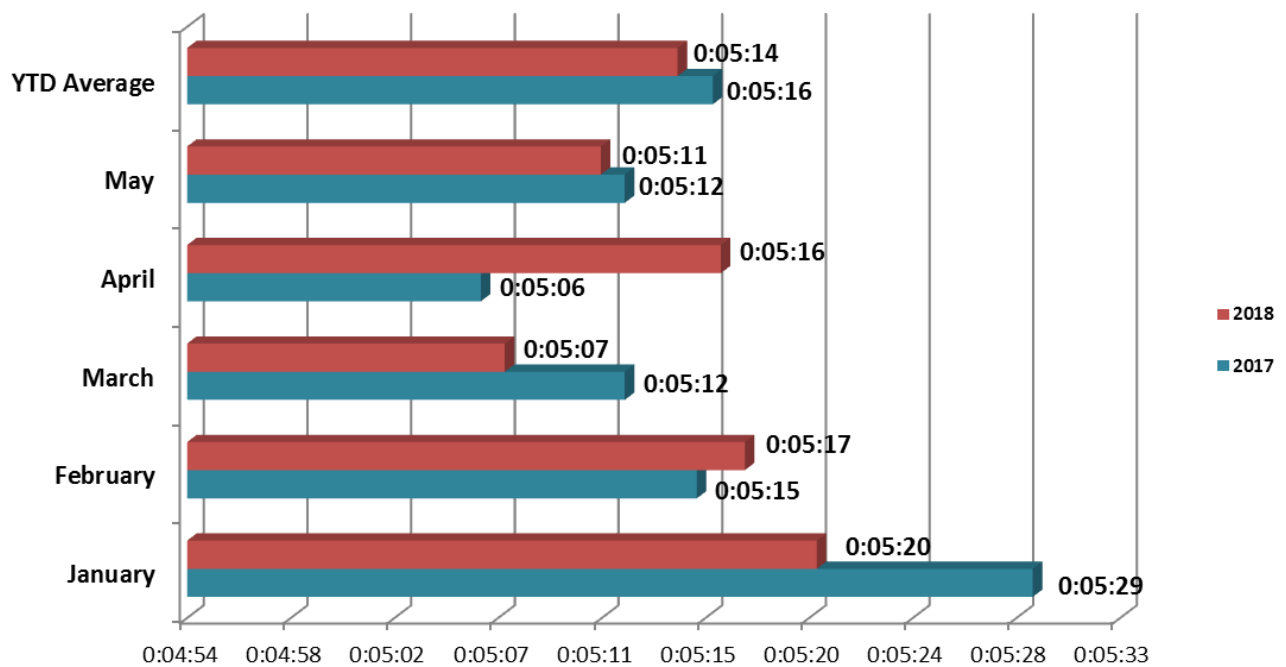
## MONTHLY PERFORMANCE



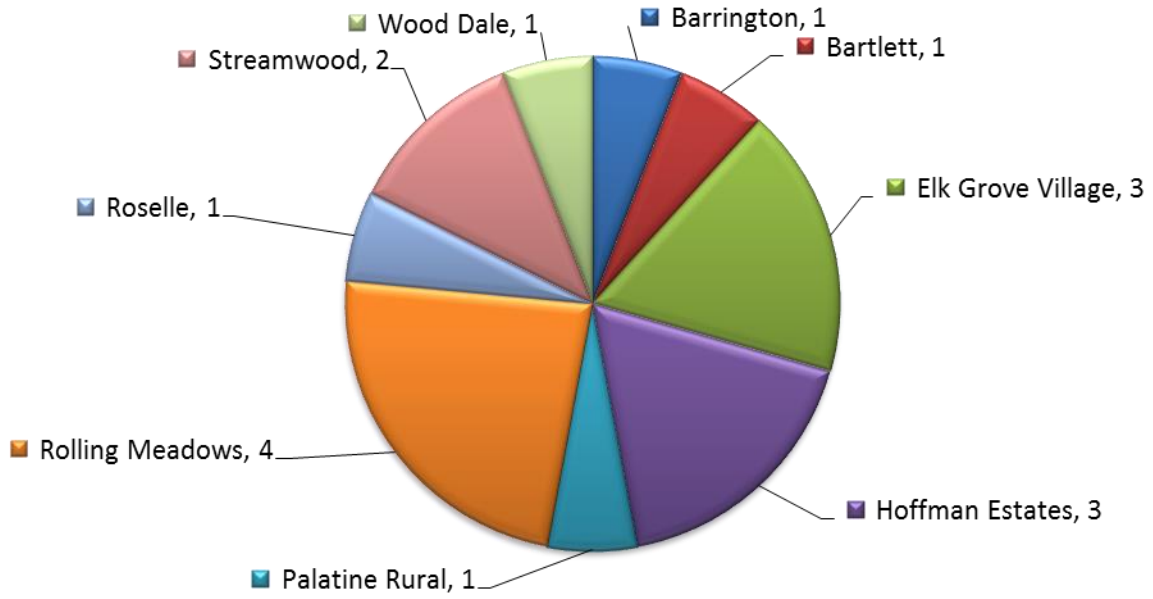
### EMS ACTIVITY FOR MAY 2018



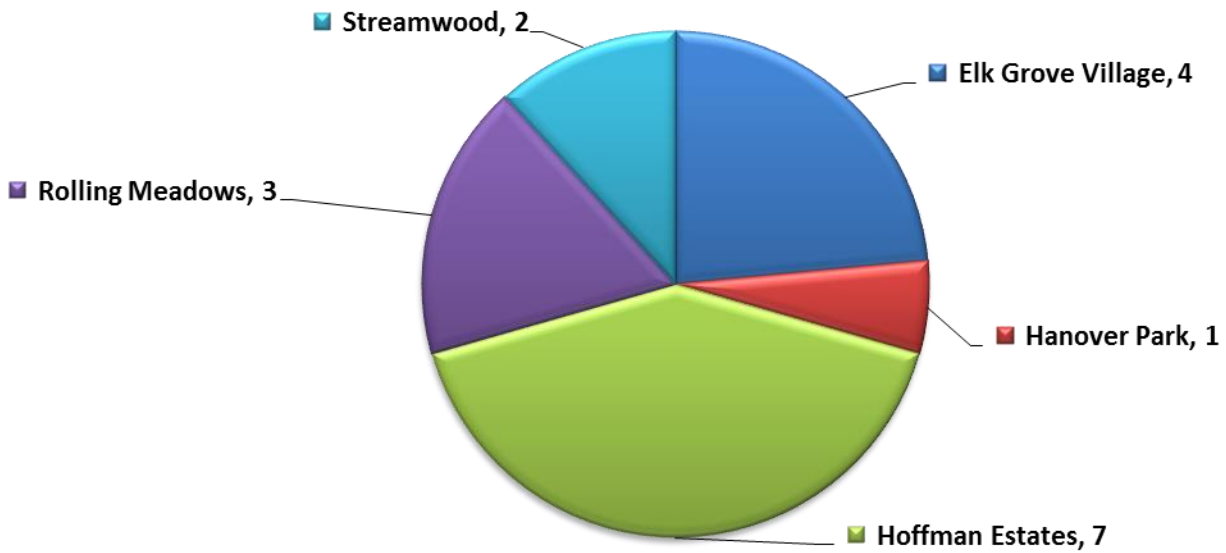
### AVERAGE RESPONSE TIME 2018



**MUTUAL AID "GIVEN" - MAY 2018**  
**17 INCIDENTS**



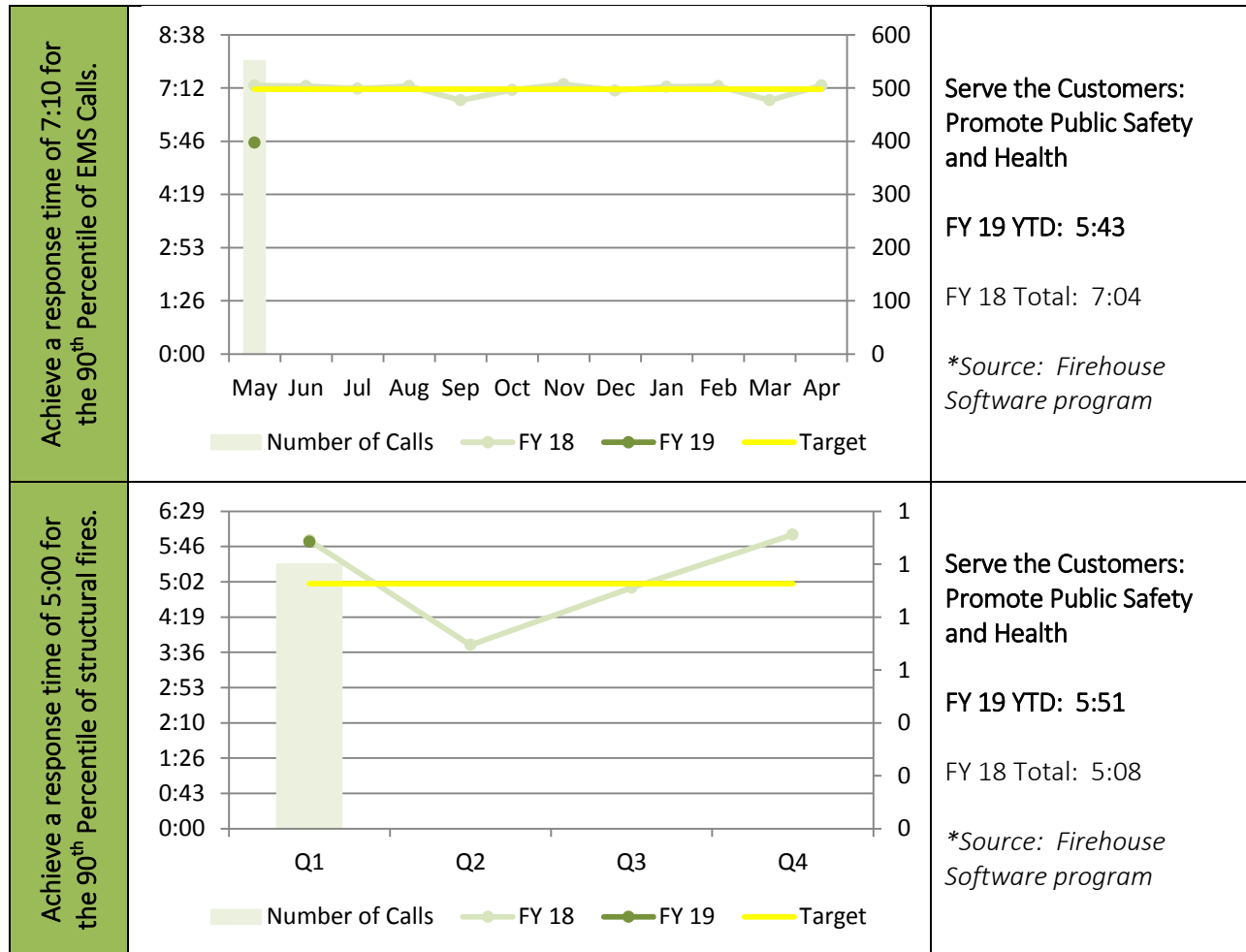
**MUTUAL AID "RECEIVED" - MAY 2018**  
**17 INCIDENTS**



## KEY PERFORMANCE INDICATORS

**KPI 1: Provide a Fire Department response time that meets the standards of accreditation.**

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 identifies the total response time for 90 percent of all structure fire responses and EMS responses. The response time identified in this KPI includes the time from which personnel are dispatched until the first unit arrives on the incident scene. This methodology is consistent with the requirements of the Commission of Fire Accreditation International.



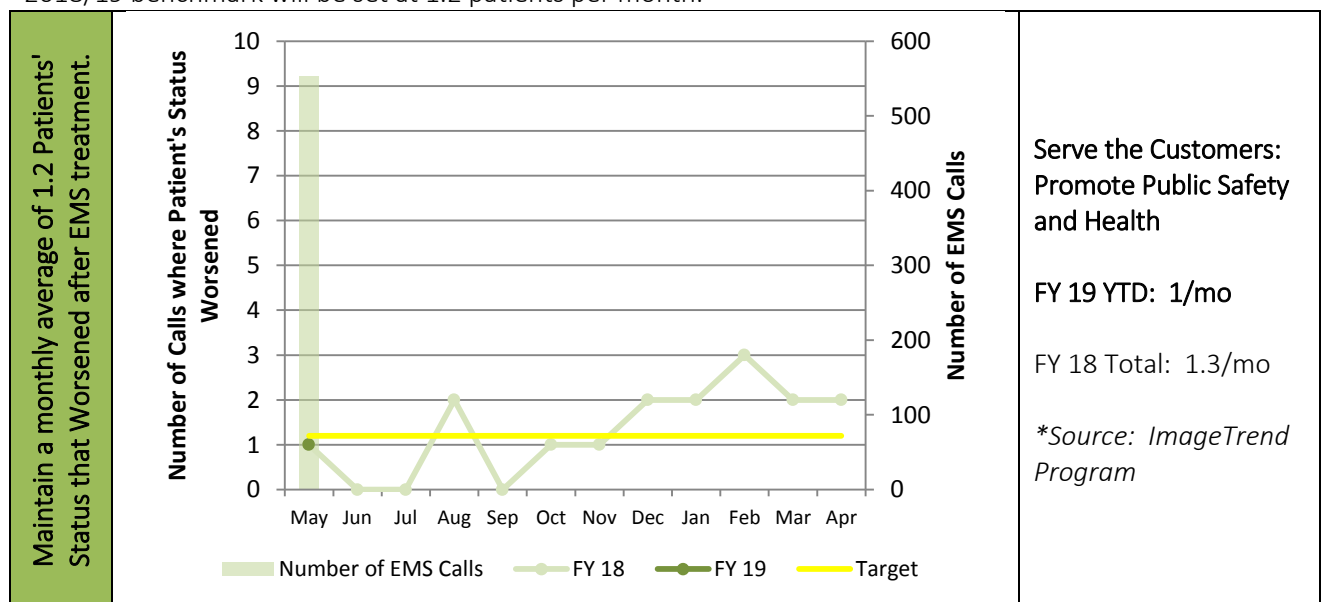
**KPI 2: Reduce the impact of structural fires in the Village of Schaumburg.**

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: Provide high quality EMS services that result in an improved condition for those served.**

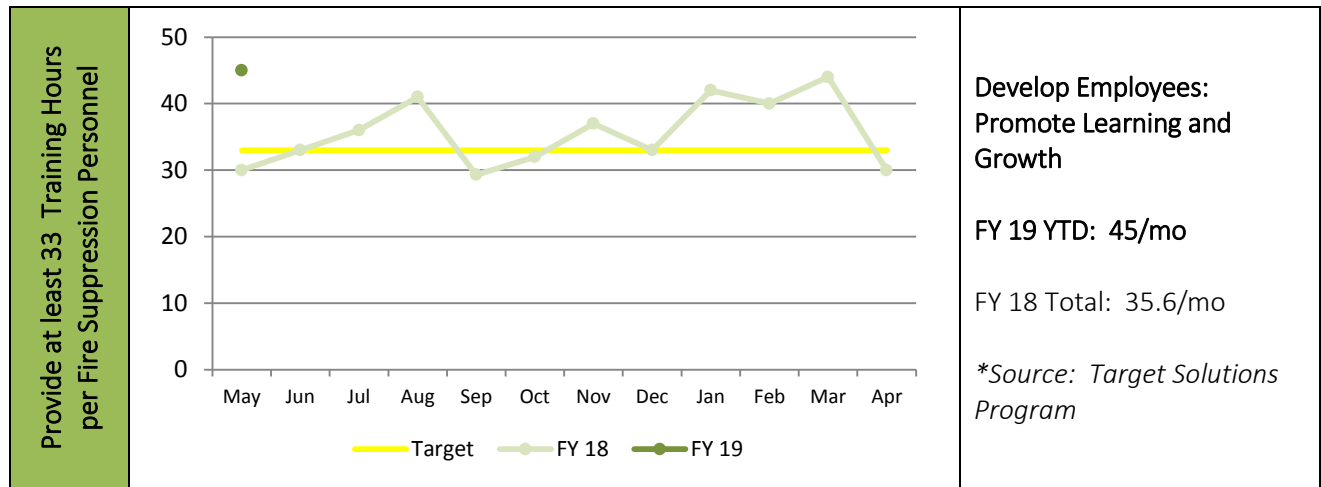
The EMS Division seeks to provide the highest quality care for all patients, which can be demonstrated through the patient activity while in our care. Fire Department EMS personnel complete a report for each patient that has received care. This report includes a field that indicates whether the final 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. The previous data collected averaged 1.3 per month; the FY 2018/19 benchmark will be set at 1.2 patients per month.





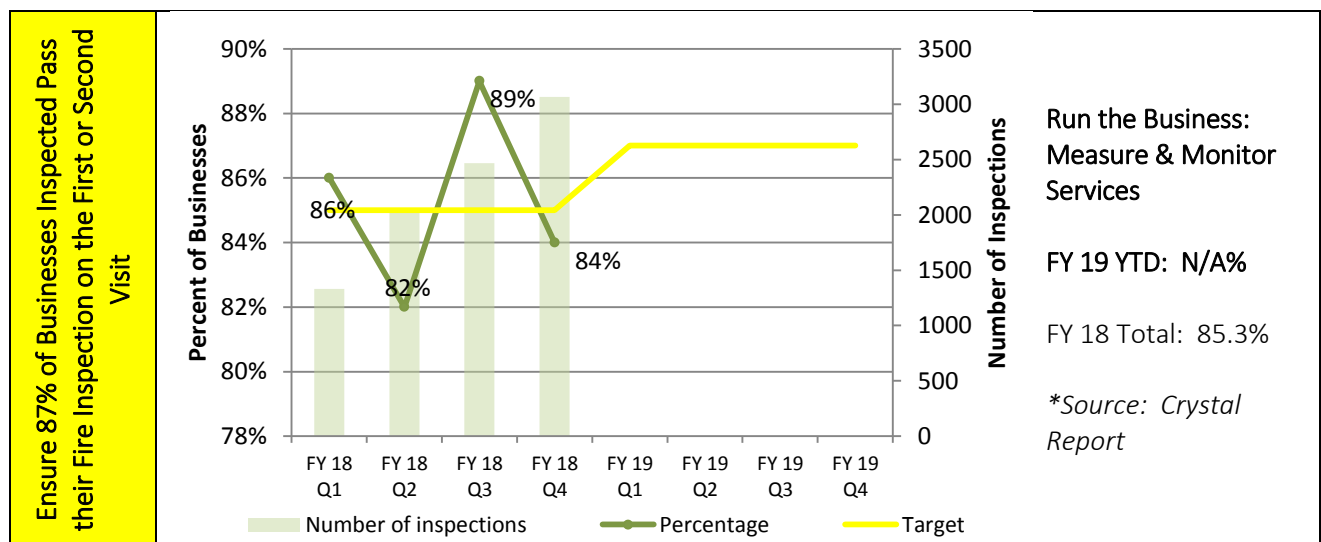
KPI 4: Develop Fire Suppression staff through continued education and training.

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. This KPI ties to FY 2018/19 Department Goal #3 to develop and implement a career progression and leadership succession program.



KPI 5: Ensure businesses are safe and free of fire code deficiencies.

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.



**KPI 6: Provide education to the key population segments on fire safety**

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.

<p><b>Achieve a 25% improvement for School Based Training</b></p>	<table border="1"> <caption>School Based Training Test Results</caption> <thead> <tr> <th>Year/Quarter</th> <th>Pre-Test (%)</th> <th>Post-Test (%)</th> </tr> </thead> <tbody> <tr> <td>FY 18 Q1</td> <td>56%</td> <td>92%</td> </tr> <tr> <td>FY 18 Q3</td> <td>57%</td> <td>85%</td> </tr> <tr> <td>FY 18 Q4</td> <td>56%</td> <td>85%</td> </tr> </tbody> </table>	Year/Quarter	Pre-Test (%)	Post-Test (%)	FY 18 Q1	56%	92%	FY 18 Q3	57%	85%	FY 18 Q4	56%	85%	<p><b>Serve the Customers: Promote Public Safety and Health</b></p> <p>FY 19 YTD: N/A%</p> <p>FY 18 Total: 31%</p> <p><i>*Source: Public Education Division</i></p>
Year/Quarter	Pre-Test (%)	Post-Test (%)												
FY 18 Q1	56%	92%												
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<p><b>Achieve a 25% improvement for building evacuation training.</b></p>	<table border="1"> <caption>Building Evacuation Training Test Results</caption> <thead> <tr> <th>Year/Quarter</th> <th>Pre-Test (%)</th> <th>Post-Test (%)</th> </tr> </thead> <tbody> <tr> <td>FY 18 Q1</td> <td>62%</td> <td>96%</td> </tr> <tr> <td>FY 18 Q2</td> <td>63%</td> <td>83%</td> </tr> <tr> <td>FY 18 Q3</td> <td>51%</td> <td>82%</td> </tr> </tbody> </table>	Year/Quarter	Pre-Test (%)	Post-Test (%)	FY 18 Q1	62%	96%	FY 18 Q2	63%	83%	FY 18 Q3	51%	82%	<p><b>Serve the Customers: Promote Public Safety and Health</b></p> <p>FY 19 YTD: N/A%</p> <p>FY 18 Total: 28.3%</p> <p><i>*Source: Public Education Division</i></p>
Year/Quarter	Pre-Test (%)	Post-Test (%)												
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## 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

- Fire Department Personnel, along with volunteers from the American Red Cross, Rotary Club of Schaumburg-Hoffman Estates, Assurance, and Gallagher, conducted 51 home safety visits and installed 110 smoke alarms in the Weathersfield Lake Subdivision during a one-day event.
- Public Education Officer attended the Communities for Positive Youth Development meeting with approximately 15 community leaders and 15 high school students.
- Public Education Officer distributed fire and life safety information to approximately 150 seniors at the Senior Scam Prevention Presentation at the Schaumburg Township District Library.
- Public Education Officer presented severe weather safety information to approximately 40 seniors at the Barn.
- Fire Department Personnel conducted an additional 7 home safety visits.

### Fire Inspections

Fire Inspectors completed inspections in high-rise and multi-family buildings.

Fire Inspections for May 2018 = 393

Re-Inspections for May 2018 = 153

Permit Related Inspections for May 2018 = 131

Total Permit Related Inspections for 2018 = 474

Fire Inspector Total Inspections for May 2018 = 677

Fire Inspector Total Inspections for 2018 = 2,001

Total Fire Inspections for 2018 = 996

Total Re-Inspections for 2018 = 531

Fire Company Inspections were conducted in businesses.

Fire Company Inspections for May 2018 = 151

Fire Company Re-Inspections for May 2018 = 4

Total Company Inspections for 2018 = 312

Total Company Re-Inspections for 2018 = 43

### Fire Alarm Monitoring

In an effort to provide greater reliability of fire alarm systems and improve fire department response times, the Village of Schaumburg changed an ordinance that will eventually require all commercial fire alarm systems in the village to be monitored by the 911 center at Northwest Central Dispatch System. Commercial properties are required to convert their fire alarm monitoring to Schaumburg 911 at Northwest Central Dispatch System when an existing contract with a monitoring agency (central station) ends or August 31, 2019, whichever occurs first.

This past month, 14 commercial properties converted their fire alarm monitoring to Northwest Central Dispatch System, which brings the total to 457. There are a total of 1,114 licensed fire alarm systems within the Village.