



PARK FOREST FIRE DEPARTMENT

2019 ANNUAL REPORT

WHEN SECONDS COUNT, COUNT ON US!

COMPASSION

COURAGE

COMMITMENT





MESSAGE FROM THE CHIEF

On behalf of the Park Forest Fire Department, it is my pleasure to present the 2019 Park Forest Fire Department Annual Report. I would like to thank you for taking the time to review our department's many accomplishments and ongoing activities over the past year. The success our department enjoys today are founded on the hard work and dedication of great firefighters that came before us. Although the world is dramatically different today, the sacrifice remains consistent. The fire service has proven the best response to an emergency is through hard-working, well-trained and equipped firefighters. And although the array and volume of emergencies have changed, we move forward committed to our overall mission, vision and values for those whom we faithfully serve.

In the best interest of public safety, we provide a wide range of services including fire suppression, rescue, paramedic care, prevention, education and life safety. The efforts demonstrated by each of our professionally trained and qualified members is our commitment to providing emergency services of the highest level to those who find themselves in need. 2019 was the busiest year in our department's history. Our members responded to 4,533 calls for service. Without the help of a dedicated team, all pulling in one direction, we wouldn't be able to accomplish what we do on a daily basis. The ultimate goal of this publication is to provide a glimpse of the ways we may be able to assist before an emergency occurs. Our hope is that you have already become acquainted with the Park Forest Fire Department through service delivery or community outreach; we simply see this as an opportunity for you to get to know us better.

On behalf of all of our members, we wish to thank the entire community for the support and necessary funding, as we continually seek new methods and techniques to effectively and responsibly meet the challenges we face in our delivery of life safety services.

Sincerely,

Chief Tracy Natyshok



Mission Statement:

The men and women of the Park Forest Fire Department are professional, highly trained and skilled individuals dedicated to serving the citizens of Park Forest by protecting lives and property from the adverse effects of fire, medical emergencies and hazardous conditions.



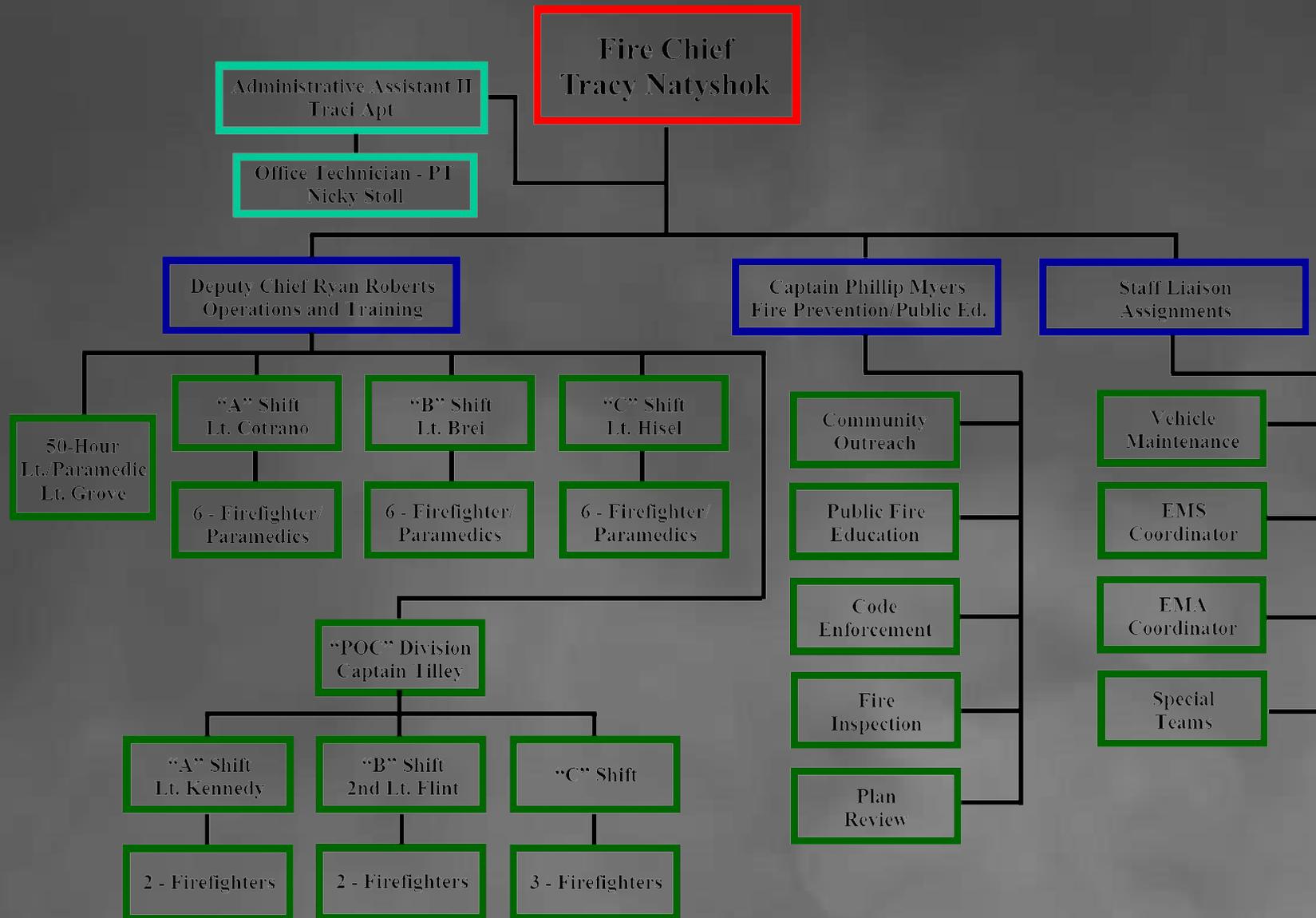


Our Six Values sit at the heart of everything we do to benefit our customers, our people and our citizens.





DEPARTMENT OVERVIEW





2019 HIGHLIGHTS



**Firefighter/Paramedic Shane Krivanec
Swearing-in Ceremony**

**New Hire:
Firefighter/Paramedic Shane Krivanec**





2019 AWARD CEREMONY



Annual Award Ceremony
February 9, 2019
Dining on the Green





Tips *On* SAFETY

- Have a smoke alarm outside every sleeping area, in every bedroom, and on every level of your home.
- Always check electrical cords for cracking and fraying.
- Create and practice a home fire escape plan for family members to use in the event of an emergency.
- Every home should have a working carbon monoxide detector.
- Do not hesitate to call 911. If something feels like an emergency, treat it like an emergency!
- When using candles in the home, keep them away from combustible materials and be sure to fully extinguish them before going to bed.



Improving safety through research based firefighting strategies and practices.

1970s vs. Current Fuel Loads

Comparison of Room Furnishings

Legacy Room	Modern Room	Legacy Room	Modern Room	Legacy Room	Modern Room
01:15		03:20		03:40	



Comparison of Room Furnishings

Legacy Room	Modern Room	Legacy Room	Modern Room
10:00		29:25	

Source: UL



16 Firefighter Life Safety Initiatives

1. Define and advocate the need for a cultural change within the fire service relating to safety; incorporating leadership, management, supervision, accountability and personal responsibility.
2. Enhance the personal and organizational accountability for health and safety throughout the fire service.
3. Focus greater attention on the integration of risk management with incident management at all levels, including strategic, tactical, and planning responsibilities.
4. All firefighters must be empowered to stop unsafe practices.
5. Develop and implement national standards for training, qualifications, and certification (including regular recertification) that are equally applicable to all firefighters based on the duties they are expected to perform.
6. Develop and implement national medical and physical fitness standards that are equally applicable to all firefighters, based on the duties they are expected to perform.
7. Create a national research agenda and data collection system that relates to the initiatives.
8. Utilize available technology wherever it can produce higher levels of health and safety.
9. Thoroughly investigate all firefighter fatalities, injuries, and near misses.
10. Grant programs should support the implementation of safe practices and/or mandate safe practices as an eligibility requirement.
11. National standards for emergency response policies and procedures should be developed and championed.
12. National protocols for response to violent incidents should be developed and championed.
13. Firefighters and their families must have access to counseling and psychological support.
14. Public education must receive more resources and be championed as a critical fire and life safety program.
15. Advocacy must be strengthened for the enforcement of codes and the installation of home fire sprinklers.
16. Safety must be a primary consideration in the design of apparatus and equipment.

The Park Forest Fire Department Continues to Advance Goals
Supporting the 16 FF Life Safety Initiatives

On the Web at: www.FireHero.org





SAFETY



The International Association of Firefighters (IAFF) and the International Association of Fire Chiefs (IAFC) worked together to create the Fire Service Joint Labor Management Wellness-Fitness Initiative's Peer Fitness Trainer Program. This program provides a certificate program provided by the American Council on Exercise (ACE). The purpose of the IAFF/IAFC/ACE PFT certification program is to provide a fitness training standard consistent with the health and fitness needs of the Fire Service throughout the United States and Canada. The Park Forest Fire Department has a certified Peer Fitness Trainer on each of our three shifts.

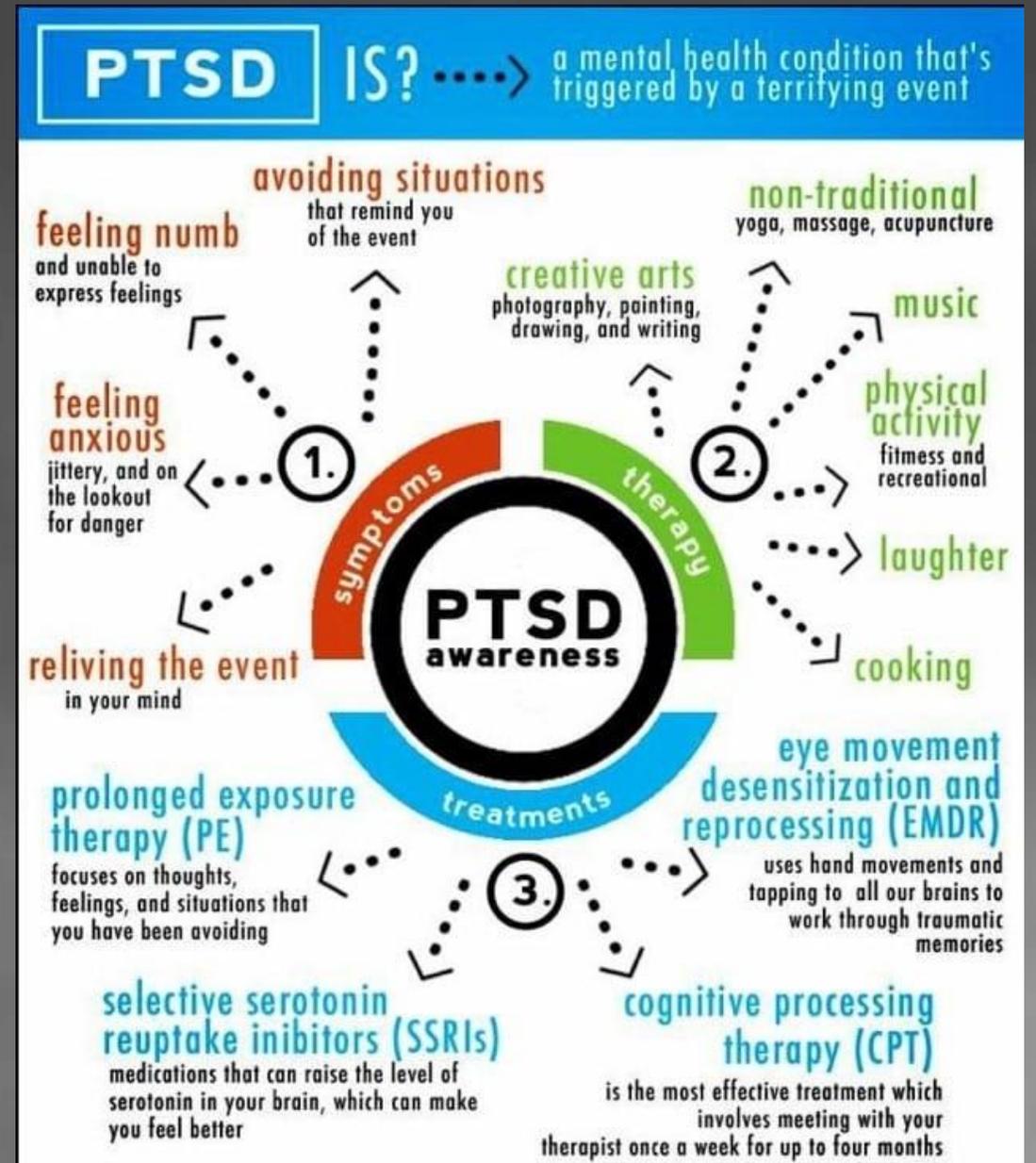


The Department teamed up with an organization that uses dogs to sniff out cancer to screen every Park Forest Firefighter. [CancerDogs.ca](https://www.cancerdogs.ca) is a cancer screening service that uses specially trained dogs to detect the odor of all types of cancer present in a person's exhaled breath. Currently CancerDogs.ca has worked with firefighters in over 100 cities in the United States including Chicago, Fort Worth, Dallas, and San Antonio.





The Ruderman White Paper on Mental Health and Suicide of First Responder states that firefighters and law enforcement officers are more likely to die by suicide than from a line-of-duty death.





Safety Through Comprehensive Policy and Procedures
Vetted by Professional Public Safety Attorneys.

**Lexipol provides the only comprehensive solution
—the content and the platform—for fire departments, including:**



State-specific policies vetted by fire service professionals and public safety attorneys



24/7 access to policies and procedures via a web-based platform and mobile app



Procedures designed to support safe, effective fire operations



Reporting features that track acknowledgement and training



Updates in response to legislation, case law and evolving best practices



Policy implementation and consulting services from industry experts



Scenario-based training to bring policy and procedure to life



BUDGET

Personnel Services	• \$2,813,896
Insurance	• \$ 413,829
Employee Support (including pensions)	• \$1,463,858
Professional Services (SouthCom Dispatch)	• \$ 83,748
Operating Supplies	• \$ 62,157
Maintenance	• \$ 24,400
Capital Outlays	• \$ 77,600
Miscellaneous Expenditures	• \$ 2,000
Leases/Rentals (Vehicle Services)	• \$ 344,709
Utilities	• \$ 8,760





GRANT FUNDING



FEMA

The Park Forest Fire Department was part of a 9 community regional grant provided by FEMA. The group received a \$479,489 grant awarded to purchase and install updated fire station alerting equipment for all nine communities served by both E-COM and SouthCom dispatch centers. Communities receiving the advanced, updated equipment are Flossmoor, Glenwood, Hazel Crest, Homewood, Matteson, Park Forest, Riverdale, South Holland and Thornton. The new alerting system will also provide increased health and safety benefits to firefighters by providing a ramping of alert tones and lighting, significantly decreasing stress.



The Park Forest Fire Department received a \$5,000 dollar grant from the Enbridge Pipeline. This grant will be used to make upgrades at the Department's Fire Training Site.

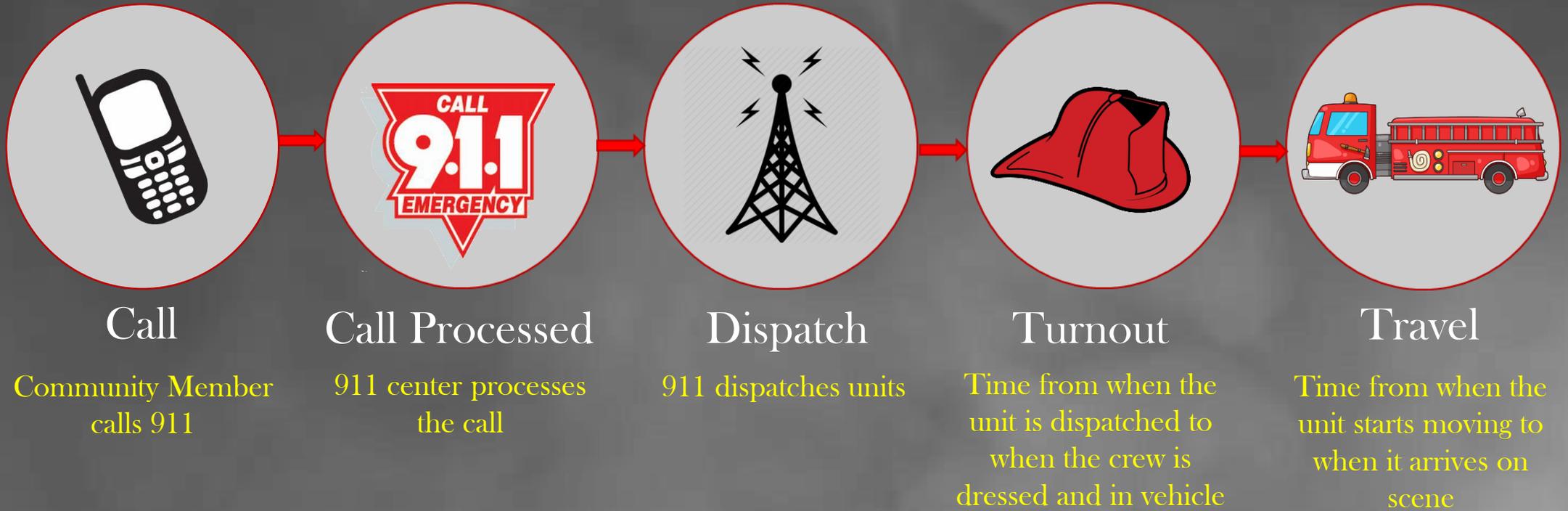
GRANTS





ANATOMY OF A 9-1-1 CALL

Total Response Time





WHEN SECONDS COUNT



Average Turnout Time: Dispatch to Enroute
0:00:45

Average Response Time: Dispatch to Arrival
0:04:10



2019 CALL VOLUME

4,533
CALLS FOR SERVICE



RECORD SETTING YEAR



1,140
TOTAL
FIRE RESPONSES

3,393
TOTAL
EMS RESPONSES



BUSIEST DAY OF THE WEEK

MONDAY - 693 CALLS

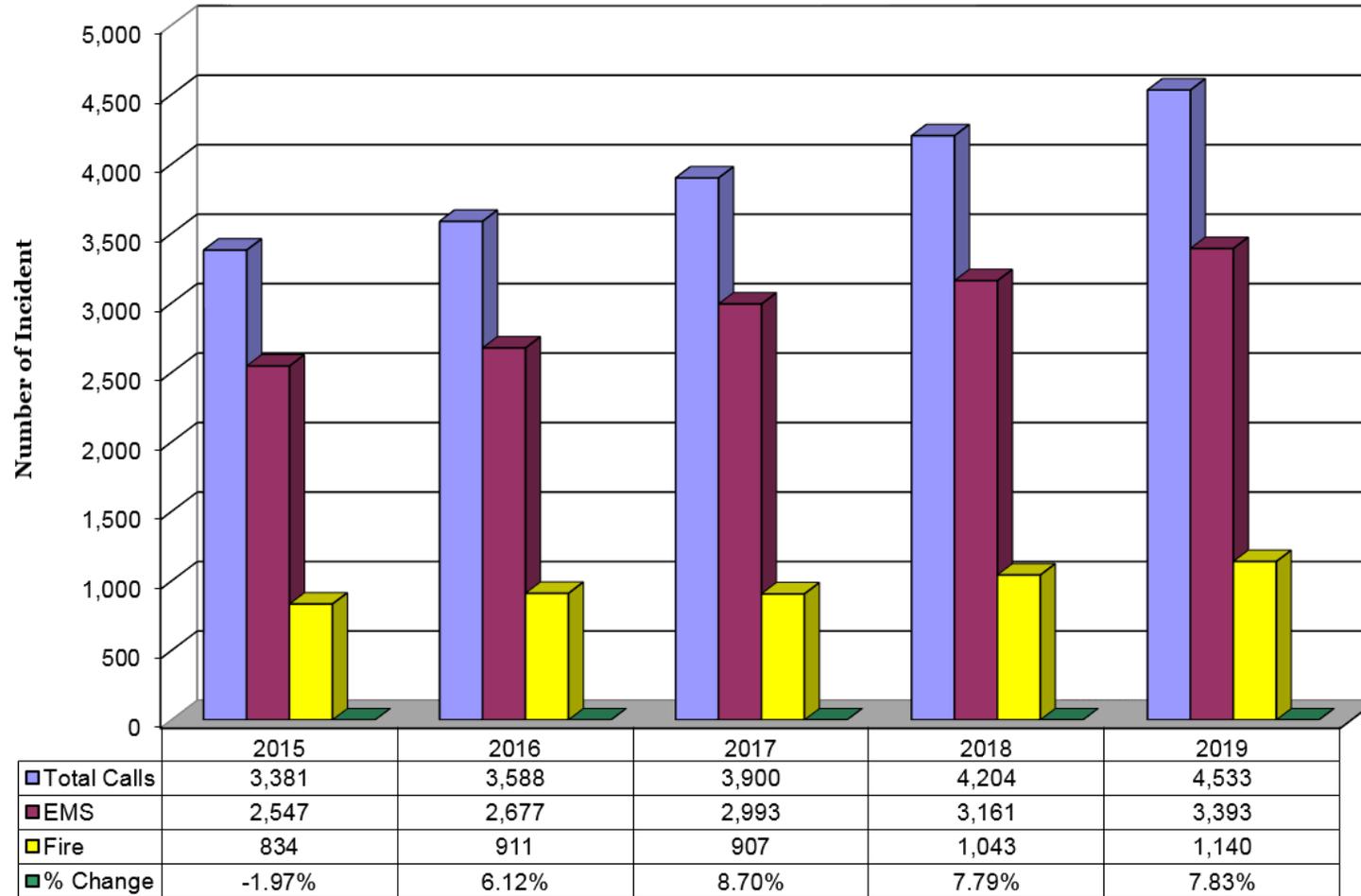
BUSIEST MONTH OF THE YEAR

SEPTEMBER - 443 CALLS



CALL VOLUME COMPARISON

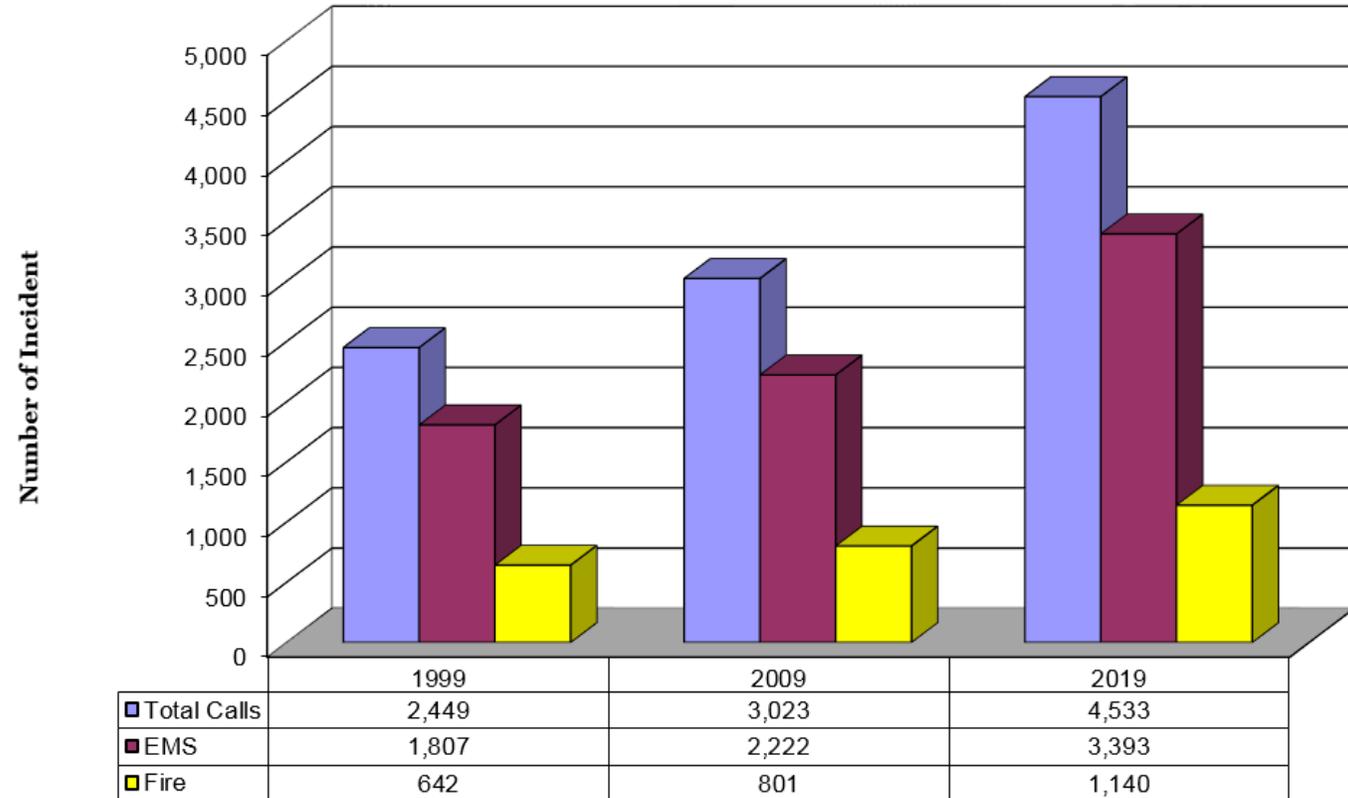
Alarm Activity by Calendar Year





CALL VOLUME COMPARISON

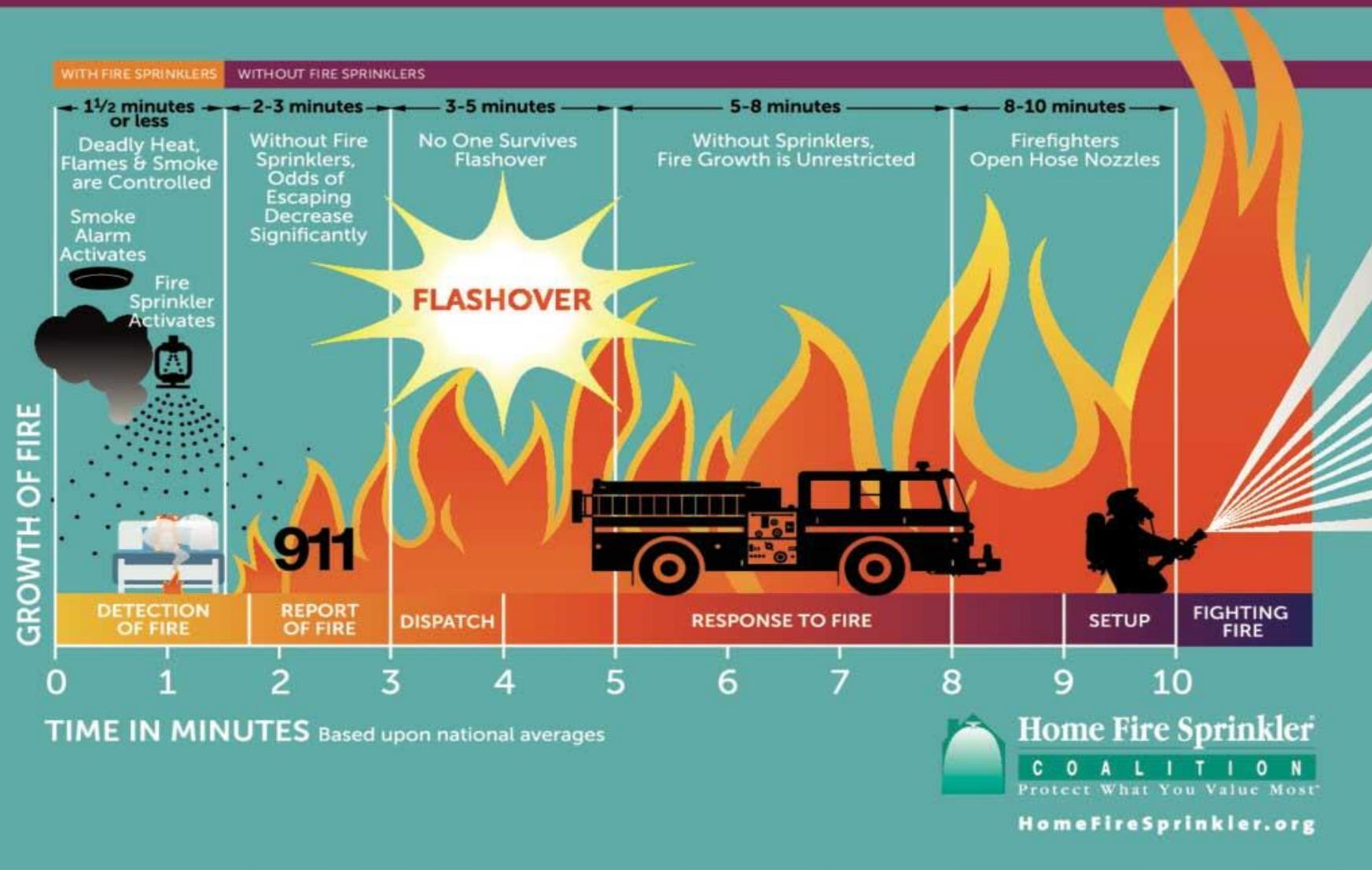
Alarm Activity by Calendar Year



Note: Fire Department Staffing has remained the same from 1999 to 2009 to 2019; 7 per shift with 5 person minimum staffing daily. Call volume increased 85% from 1999 to 2019 and 50% from 2009 to 2019 while the department's staffing has remained the same.



HOME FIRE TIMELINE





1,140 FIRE CALLS

! CAUTION

HAZARDOUS
CONDITIONS

120



FIRES
76

*Good
Intent*

295

SERVICE

142
CALLS

**FALSE
ALARM**

507

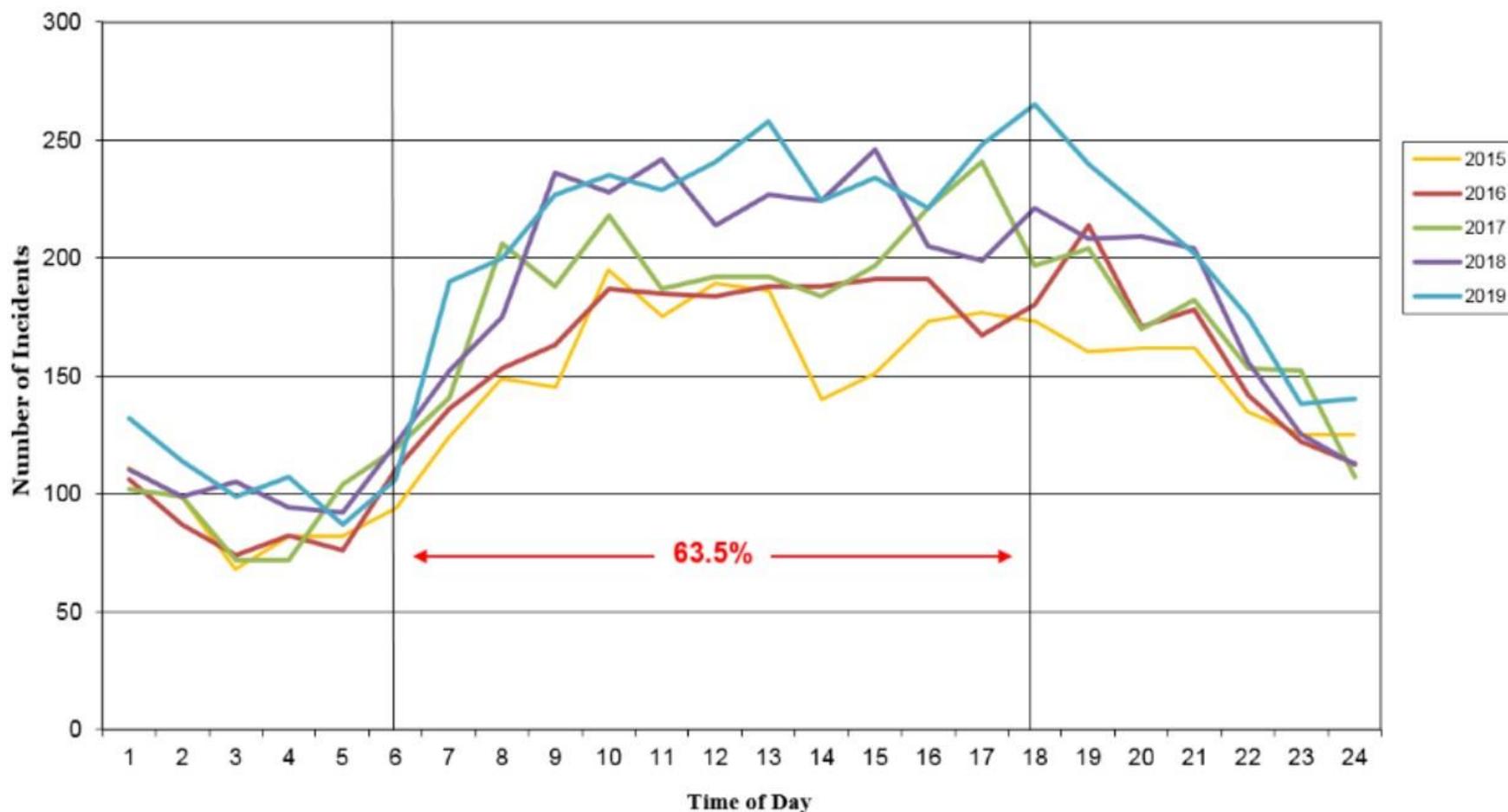


FIRE CALL BREAKDOWN





Alarm Activity By Time Of Day

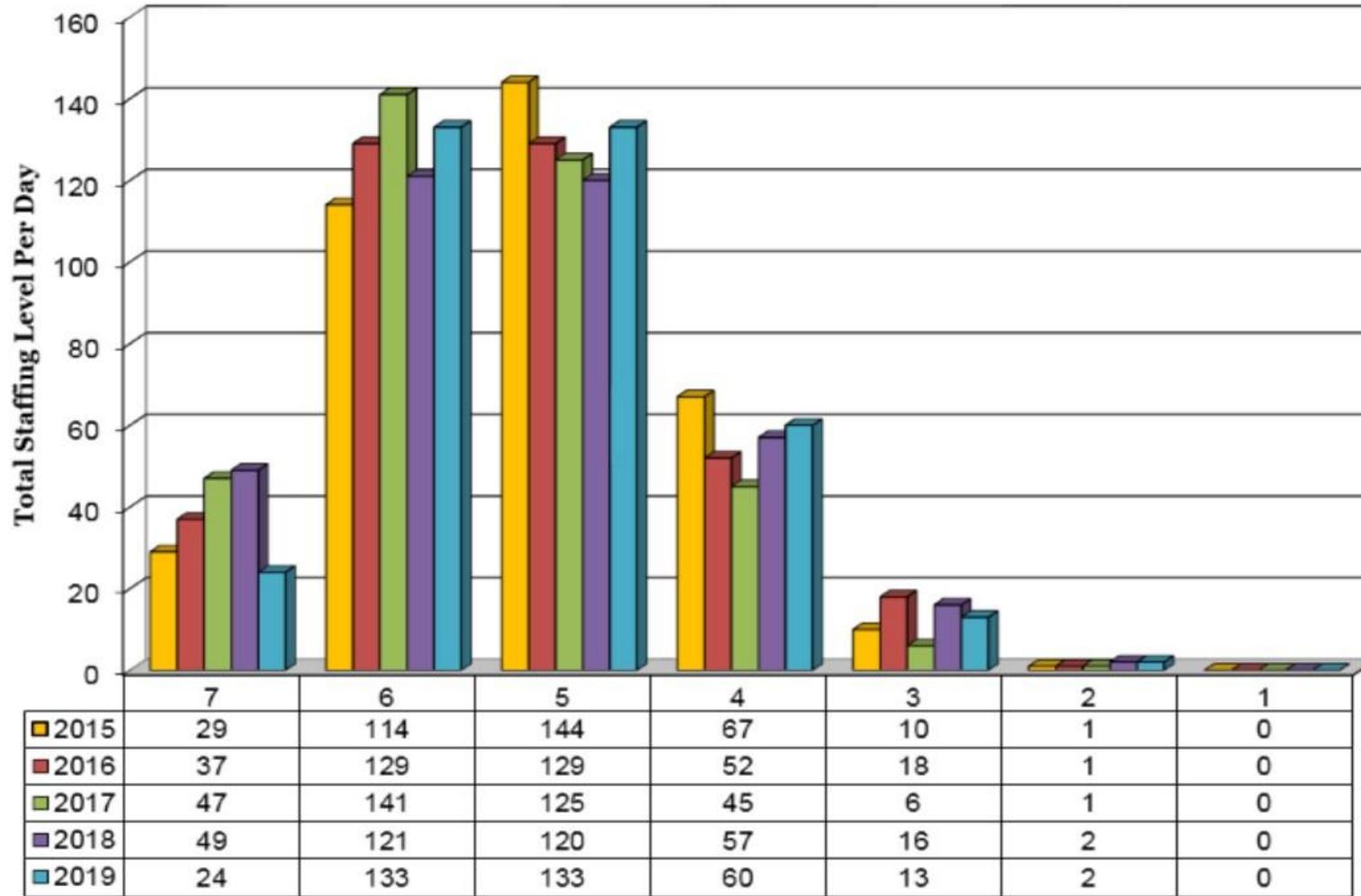


63.5% of our call volume occurs during the time period of 6 a.m. - 6 p.m. This is the time frame where our Paid On Call Division has limited or no availability due to their full-time job commitments.

It should also be noted the most deadly and damaging fires occur between the hours of 10 p.m. and 5 a.m.



Daily Staffing Levels



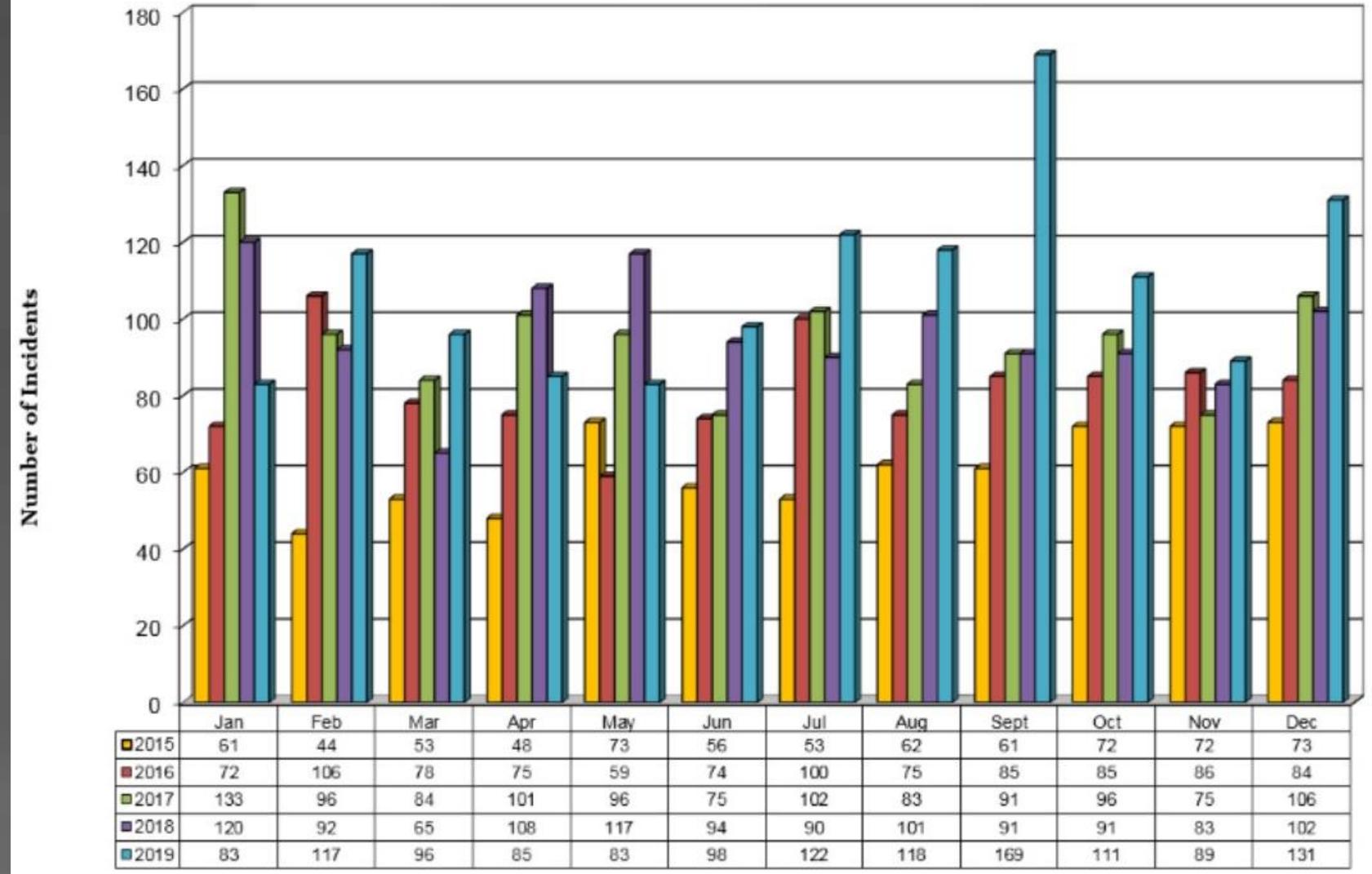
Shift Personnel on Duty Per Day



Of the 4533 incidents the department responded to in 2019, 1302 of them (or 28.7%) were concurrent/overlapping calls.

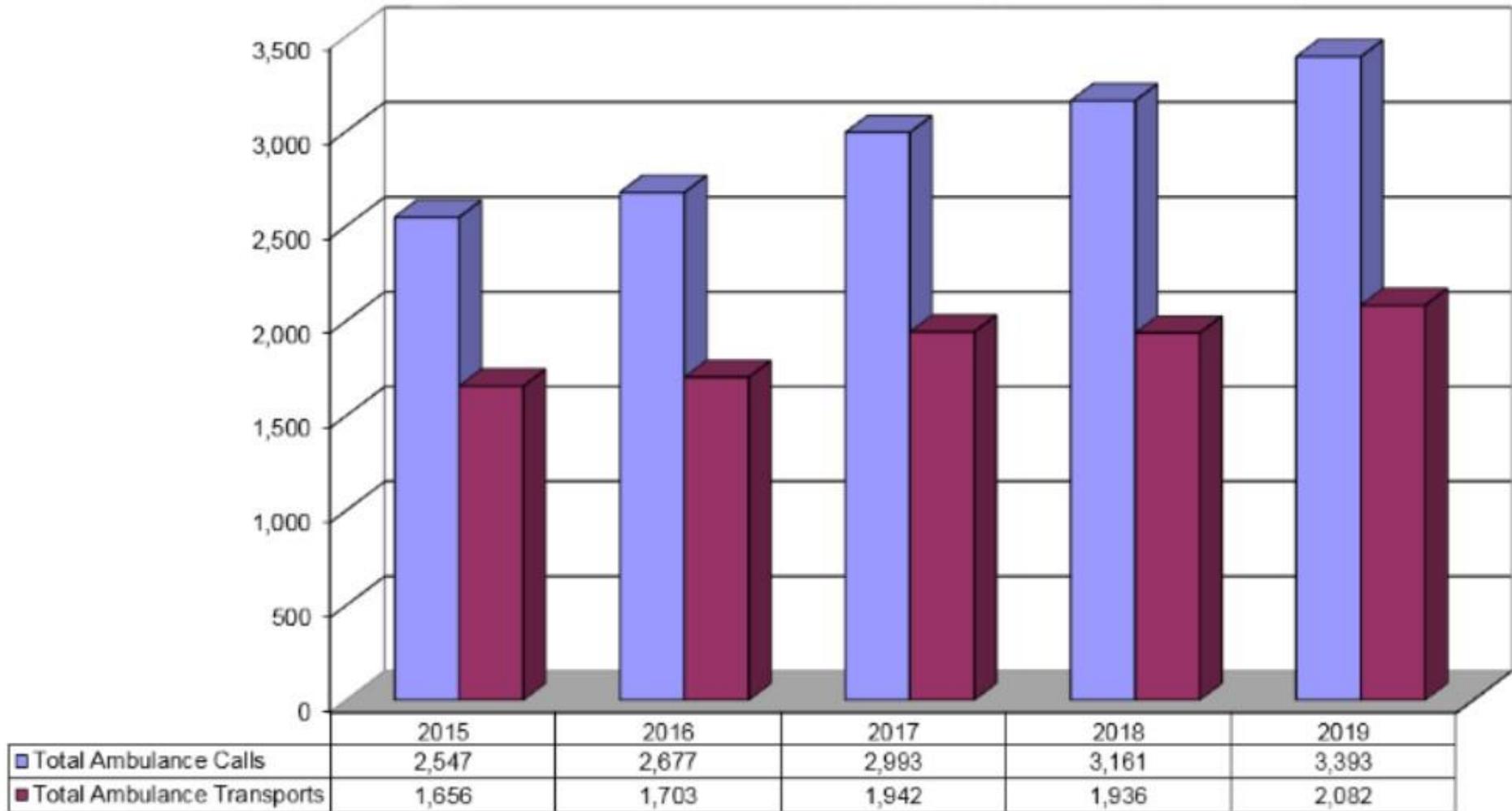
With minimum staffing at 5 almost 60% of the time (208 days in 2019 = 57%), a double call leaves only 1 person in the station to respond to the next emergency.

Concurrent Calls by Month 1302 Incidents





Total Ambulance Calls vs. Ambulance Transports



Note: 61.4% of the total ambulance calls resulted in the transportation of a patient to the emergency room.



2,082 AMBULANCE TRANSPORTS

PSYCHIATRIC
214

**MOTOR VEHICLE
ACCIDENT - 64**

**MEDICAL
EMERGENCY**
1112

Trauma
27

CARDIAC - 189

**CHEMICAL
ABUSE**
20

**158
ACCIDENT**

PREGNANCY - 25

**CHEMICAL
ABUSE**
20

OTHER
273



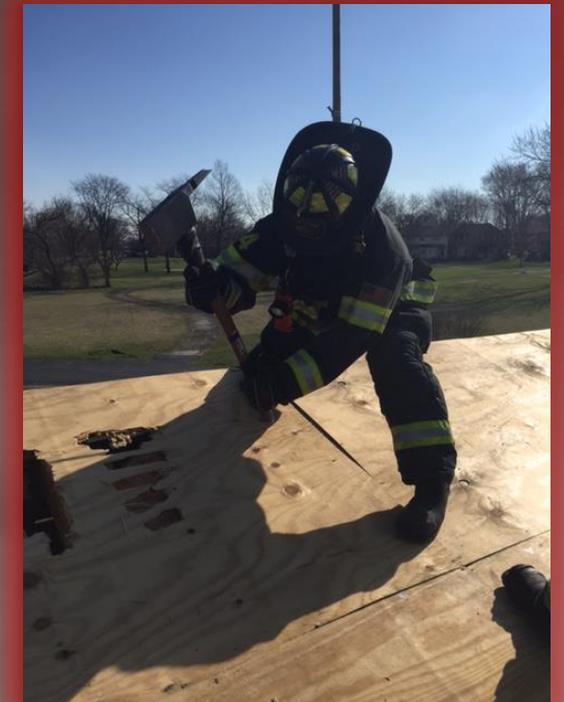
PFFD/PFFPD Combined Rescue Task Force Training





TRAINING DIVISION

The Training Division is responsible for all aspects of Firefighter training. This includes training for new hires, internship programs, paid on call members, professional firefighters, professional development training, and training with our neighboring Fire Departments.





TRAINING DIVISION

Our firefighters are constantly in school.

The training is based on several governing agencies including:

- Illinois Department of Labor
- Illinois Department of Public Health
- South Cook County Emergency Medical System
- National Fire Protection Agency
- Office of the State Fire Marshal
- Intergovernmental Risk Management Agency
- Insurance Services Office
- Combined Area Response Team





TRAINING DIVISION

In order to meet all the requirements and continuing education, training is a top priority of a firefighter's duty.

"We don't train until we get it right, we train until we can't get it wrong."





TRAINING DIVISION



Technical rescue



Dive rescue



Hazardous materials



Incident Command



TRAINING DIVISION



The Park Forest Fire Department & MABAS 27 hosted a Solar Panel Hazard Training Class. The class was presented by IBEW Local 134.





The Incident Command Certification Program is designed to first instruct and train, then evaluate and certify Fire Department Officers who serve in the role of Incident Commander that supervise and manage emergency and hazard zone operations for every day, local NIMS Type 4 and Type 5 events.





TRAINING DIVISION

The Paid On Call Division trains on Tuesday evenings. The training is combined with neighboring departments.



The Paid On Call Division and Career Firefighters complete 18 combined live-fire night drills per year.



SPECIAL TEAMS

Mission Statement

“MABAS-Illinois serves local fire agencies, MABAS Divisions, State of Illinois departments, and Cook County UASI-DHSEM by providing a systems-based resource allocation and distribution network of robust traditional and nontraditional fire-EMS-rescue and special operations teams for emergency and sustained response within and outside of the State of Illinois. Accomplishment of the services requires cooperation, standardization, reliability, partnering, brokering and ongoing communication and compliance with customer specification and expectations. Customer trust and reliance on the MABAS system is built upon personal relationships, credibility, and ongoing customer support.”

Purpose Statement

“ The Mutual Aid Box Alarm System (MABAS) provides emergency rapid response and sustained operations when a jurisdiction or region is stricken by an overwhelming event generated by manmade, technological, or environmental threats. In response, MABAS will mobilize and deploy sustained fire, emergency medical services (EMS), hazardous materials, technical rescue, water rescue, urban search & rescue, and incident management assistance team resources to prevent loss of life, human suffering and further damage to property. ”





SPECIAL TEAMS



Trench Rescue
Confined Space Rescue
Vertical Rescue
Collapse Rescue



Surface Water Rescue
Swift-water Rescue
Underwater Rescue
Evidence Recovery



Hazardous
Materials
Team



SPECIAL TEAMS





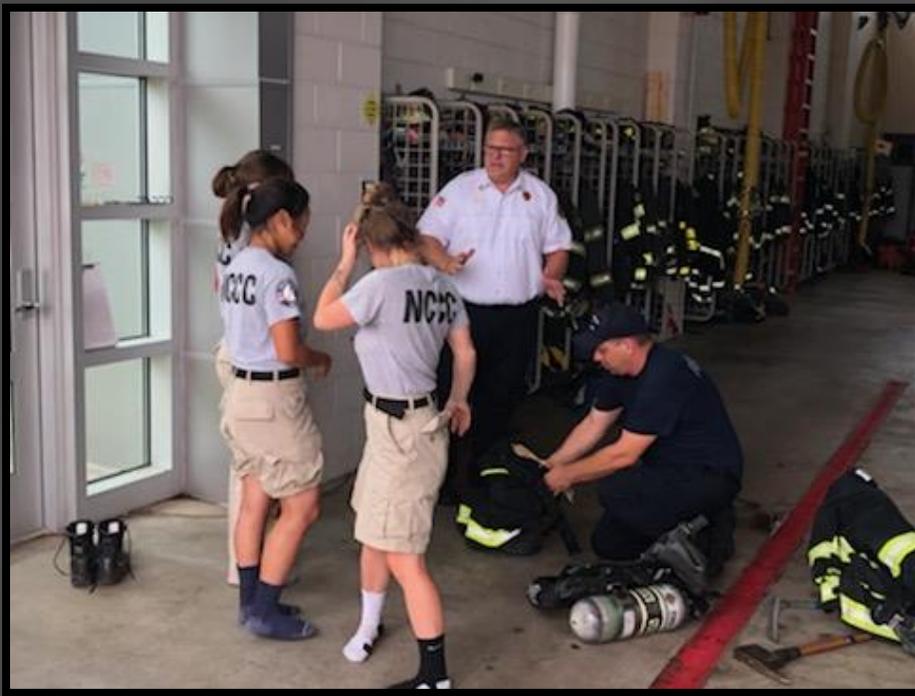
EMERGENCY MANAGEMENT AGENCY



The Park Forest Fire Department coordinates Emergency Management activities within the Village of Park Forest. The EMA Division is responsible for the following activities:

- Maintaining the Village's Emergency Operations Plan (EOP)
- Handling overall operations of the Emergency Operations Center (EOC)
- Maintaining the weather alert system and equipment
- Assisting in the collection and filing of documentation during and after a disaster
- Coordinating the required classes and paperwork to maintain compliance with the federal National Incident Management System (NIMS) mandates





MAKE A *difference*





TOGETHER
we Make a
DIFFERENCE



2nd Annual Local 1263 Haunted Trivia fundraiser supporting the Department's Scholarship/Internship Program.



FAQ

Are there different strategies firefighters use to extinguish a fire?

Yes. The type of structure, the amount of fire present, and life-safety risk all factor into the strategies used on the fire ground.

An offensive fire attack occurs when fire suppression personnel actively fight a fire within a structure utilizing water or another type of extinguishing agent. This strategy is used when the fire has not compromised the integrity of the structure and when there is a life-safety risk of occupants within the occupancy.

A defensive fire attack is a fire ground strategy based on firefighter safety and the protection of surrounding properties (exposures). This strategy is employed when a fire has advanced to the point where interior attack operations are too dangerous and there is no life-safety risk. The goal is to simply confine the fire to the building/area of origin. All fire streams are operated onto the fire from the outside.

What is a backdraft and a flashover?

These terms describe specific, observable behaviors that occur when a fire grows unchecked.

A backdraft is an explosion caused by the sudden inward rush of oxygen when all of the super-heated gases, (heated above the ignition temperature) in a room or structure, ignite at the same time. If the gases are pressurized in a relatively closed room, an explosion is likely to be the result. While the likelihood of such an occurrence is low, a backdraft is often fatal to anyone caught in it.

A flashover is similar to a backdraft, with the exception that the room is not closed or pressurized to the point of explosion. All of the contents of the room have given off flammable gases that have been heated to their ignition point and a fire suddenly engulfs the room. From the outside you will often see the exiting smoke appear to instantly ignite.



FAQ

What is MABAS Division 27?

The Mutual Aid Box Alarm System (MABAS) is a conglomerate of fire service organizations that provide mutual aid response in the event of an emergency that exceeds the capabilities of the local fire department. MABAS organizations exist primarily in Illinois and Wisconsin, but also include members in Indiana, Iowa, and Missouri. The Park Forest Fire Department is part of MABAS Division 27, an area spanning the South Suburbs and comprising 16 fire departments or fire protection districts.

I called 911 for a medical problem and a fire truck showed up at my house. Why?

All Park Forest Fire Department firefighters are cross-trained as paramedics. The additional crew members on a fire engine often assist ambulance crews in providing critical, life-saving care. Other times, these firefighter/paramedics assist in carrying equipment and moving non-ambulatory patients.

When I call for an ambulance, why do I sometimes see an ambulance from another town?

The Park Forest Fire Department has mutual aid agreements with our neighboring towns so that the continuous advanced life support (ALS) care is always available to our residents and guests. If all the Park Forest ambulances are busy on other calls, you may see a Matteson or Richton Park ambulance respond in place of a Park Forest vehicle. In these instances, a Park Forest fire suppression company will usually respond to the scene first and begin ALS care until the ambulance arrives.



FAQ

Does the Park Forest Fire Department teach CPR classes for residents and other community members?

Yes. The Park Forest Fire Department offers American Heart Association CPR courses several times each year. Course dates and related information can be found on the Fire Department website or you may contact the fire department at 708-748-5606.

Can a firefighter explain how to properly install a child safety seat in my vehicle?

Yes. On most shift days, the department staffs trained personnel to teach residents and non-residents how to install child safety seats in their vehicles. To schedule an appointment with a car seat technician, please contact the fire department.

What do firefighters do when they are not responding to fire or emergency medical calls?

Firefighters train daily in the various aspects of their jobs. They are required to train an average of 20 hours in fire-related training and three hours of emergency medical continuing education each month. Firefighters also perform building walk-throughs, pre-planning, and commercial fire inspections. Firefighters spend considerable time cleaning and maintaining equipment and the fire stations.

Occasionally, during non-emergency periods, firefighters conduct driver training throughout the Village to maintain familiarity of streets, neighborhoods, and business districts. This saves valuable time when actually responding to emergencies. The remainder of their time is spent working administratively on fire department programs, preparing meals, reading, studying, physical fitness training. Firefighters remain on duty for a 24-hour period. Regardless of what they are doing, they are ready to respond at any moment to a call for service or emergency.



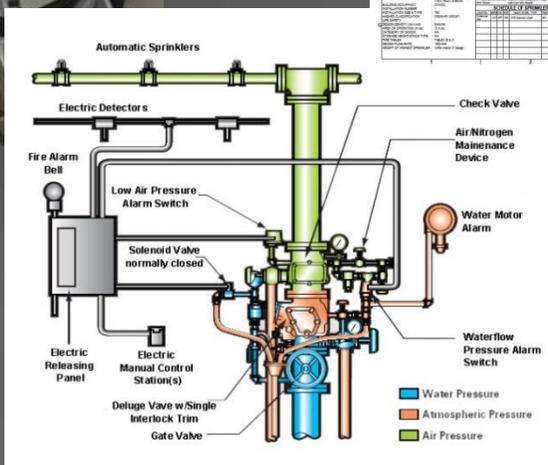
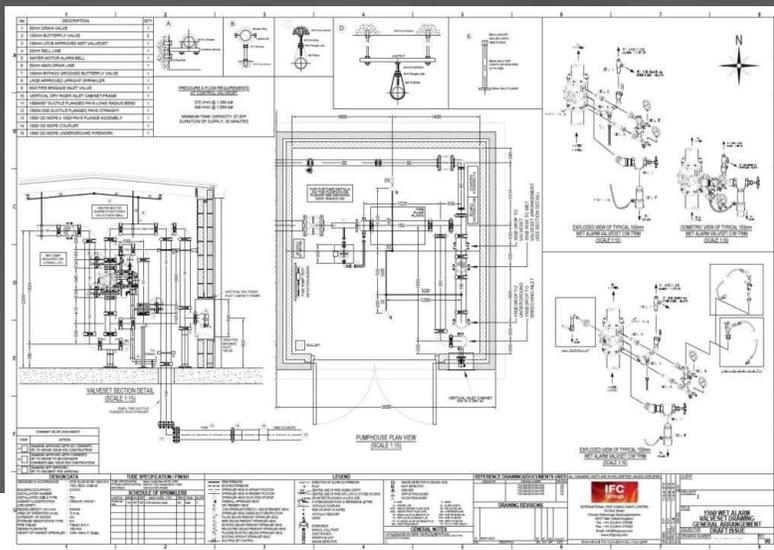
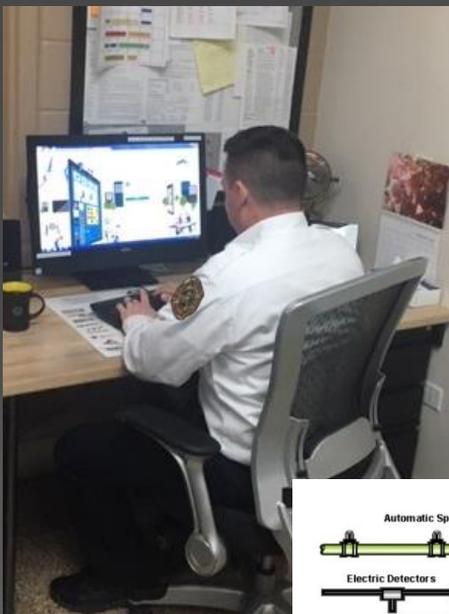
FIRE PREVENTION BUREAU

The Fire Prevention Bureau is lead by Captain Myers and supported by Administrative Lt Grove and multiple hire back inspectors and educators. It is the responsibility of the bureau to prevent fires in Park Forest through the means of education, risk reduction and code enforcement. The best way to control fire loss is to prevent a fire from ever happening.





FIRE PREVENTION BUREAU



Inspections, Code Compliance, and Plan Review





FIRE PREVENTION BUREAU



- The Fire Department staff continues to perform inspections and re-inspections with a 90% clearance rate on all code violations.
- In 2019, staff inspected 245 out of 268 occupancies.
- The Fire Prevention Bureau conducts one original inspection for all commercial properties and two on high-hazard and assembly occupancies.





FIRE PREVENTION BUREAU

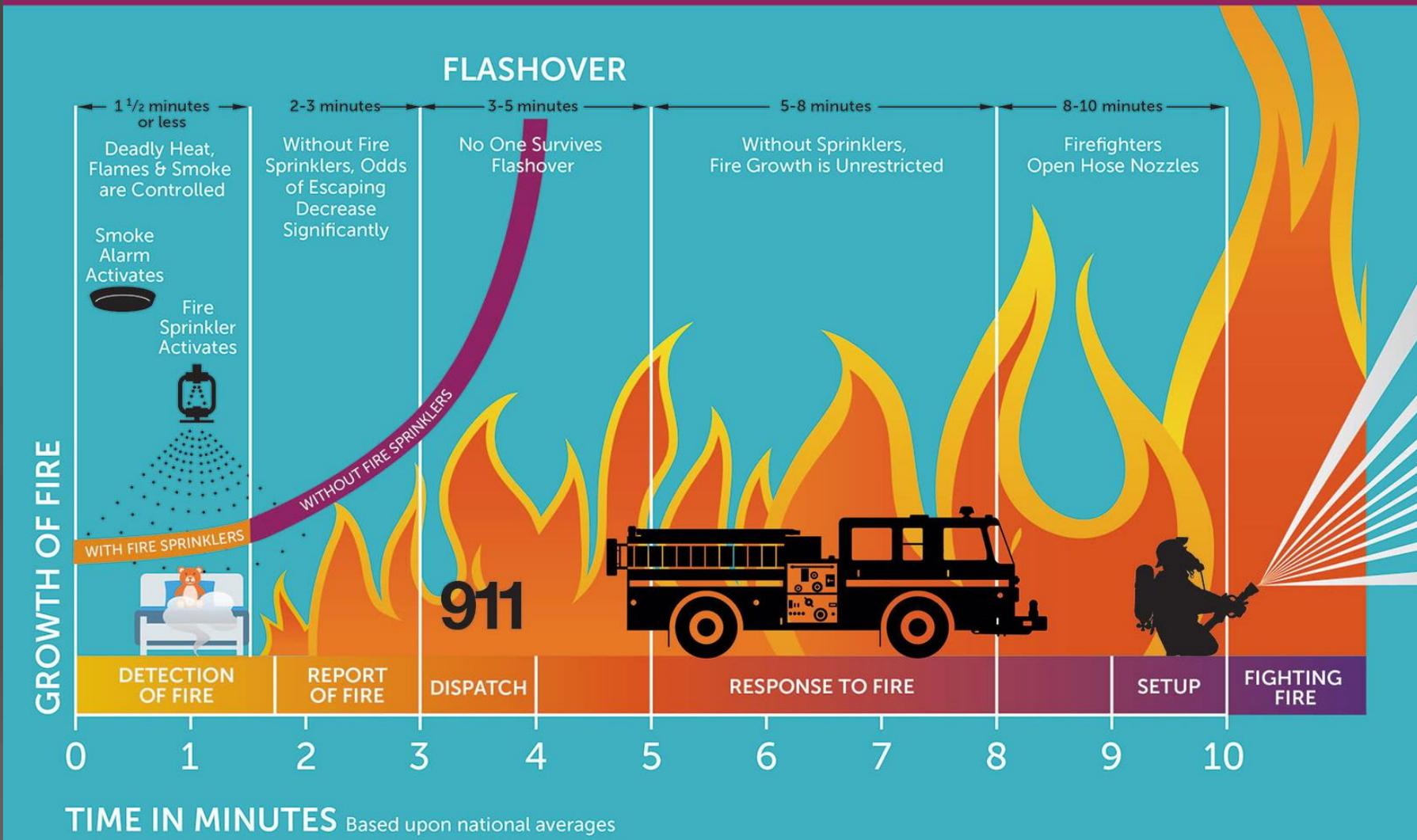


Public Education





HOME FIRE TIMELINE



Park Forest now has a total of 39 residential occupancies retrofitted with NFPA 13 D Fire Sprinkler Systems



FIRE PREVENTION BUREAU

Fire Prevention Week



Memorial Service



Silent Parade



Open House Demos



School Presentations





FIRE PREVENTION BUREAU

Fire Safety Message



The number one goal of the Park Forest Fire Department is: stopping fire before it starts!