

A firefighter in full gear is climbing a metal ladder attached to the side of a building. The background shows a dark sky with clouds. The text "NAPERVILLE FIRE DEPARTMENT ANNUAL REPORT 2018" is overlaid in large red letters.

# NAPERVILLE FIRE DEPARTMENT ANNUAL REPORT 2018



As I reflect my past ten years as Fire Chief for the City of Naperville, it has been an honor and privilege to serve, and although our work will never be completed, I will always strive for improvements that meet the high expectations of our citizenry.

Our theme for 2019 is to focus on Community Risk Reduction, where we identify causes of incidents we have experienced in the past, and implement programs to reduce them from re-occurring in the future. We hope that this initiative will produce measurable benefits that will lead to reducing risks within our great community.

Please join me as we embark on yet another productive year, where we all work together as a collaborative community to even further improve the safety and health of Naperville.

Respectfully,

A handwritten signature in black ink, appearing to read "Mark J. Puknaitis".

Chief Mark J. Puknaitis



# TABLE OF CONTENTS

<b>04</b>	<b>OUR STORY</b>	<b>51</b>	<b>OUR MOTIVATION</b>
5	DEPARTMENT OVERVIEW	52	COMMUNITY
6	MISSION, VISION, VALUES	53	9/11 MEMORIAL
7	ADMINISTRATION	54	NPFFC
8	A MESSAGE FROM THE CHIEF		
9	PROGRAMS AND SERVICES		
11	SAFETY		
12	FIRE STATIONS/FACILITIES		
13	PERSONNEL		
14	NEW RECRUITS		
15	PROMOTIONS		
16	RETIREMENTS		
<b>17</b>	<b>OUR DUTY</b>		
18	OPERATIONS DIVISION		
20	DEPARTMENT STATISTICS		
23	WATER RESCUE TEAM		
24	TECHNICAL RESCUE TEAM		
25	HAZARDOUS MATERIALS TEAM		
27	TACTICAL EMERGENCY MEDICAL SUPPORT TEAM		
28	UNMANNED AERIAL SYSTEM TEAM		
29	EMERGENCY MEDICAL SERVICES DIVISION		
31	PRESCRIPTION DRUG DROP OFF		
32	TRAINING DIVISION		
34	SUPPORT SERVICES DIVISION		
36	OFFICE OF THE NAPERVILLE FIRE MARSHAL		
39	FIRE INVESTIGATIONS		
41	PUBLIC EDUCATION		
44	EMERGENCY MANAGEMENT AGENCY		
47	COMMUNITY CPR/AED		
48	COMMUNICATIONS		
49	HONOR GUARD		
50	EXPLORER POST #911		



section one

# OUR STORY

# DEPARTMENT OVERVIEW

The Naperville Fire Department was founded and chartered by the City of Naperville and the State of Illinois in 1874, after two major fires occurred in the downtown area. The Naperville Fire Department has a long and proud history of serving the community. Through decades of explosive growth, the City's high expectation of its firefighters has remained consistent.

Today, the Naperville Fire Department provides over 60 services to the community, all designed to meet those expectations and deliver the highest quality of service most efficiently.



# WHO WE ARE

## OUR MISSION

The mission of the Naperville Fire Department is to respond to all emergency and non-emergency calls for service in a time that meets the expectations of the community and to promote safe practices through ongoing fire prevention, public education and Community Risk Reduction programs.

## OUR VISION

The Naperville Fire Department will seek new technologies and creative measures to provide higher quality service while maintaining or reducing costs.

## OUR VALUES

- Courtesy, Respect and Personal Approach
- Trust and Forgiveness
- Family and Work Balance
- Continuous Learning
- Teamwork/Inclusion
- Open Communications
- Focus and Community Needs
- Rational Decision Making
- High Quality of Work
- Share Rewards and Recognition

As employees of the City of Naperville, our work is guided and driven by our Core Values. These values are the foundation upon which we are building our culture.



**People:** We value each other as professionals working together to provide quality services. We strive for a rewarding work environment through teamwork, professional development, and employee recognition.

**Respect:** We treat each other with dignity, courtesy, and compassion.

**Trust:** We build trust and credibility through professional interactions, honest communication, and a caring attitude.

**Pride:** We are driven to provide exceptional service and believe our achievements and successes reflect our work ethic.

# FIRE DEPARTMENT ADMINISTRATION



**Mark Puknaitis**  
Fire Chief



**Andrew Dina**  
Deputy Chief



**Amy Scheller**  
Division Chief



**Tom Moran**  
Bureau Chief



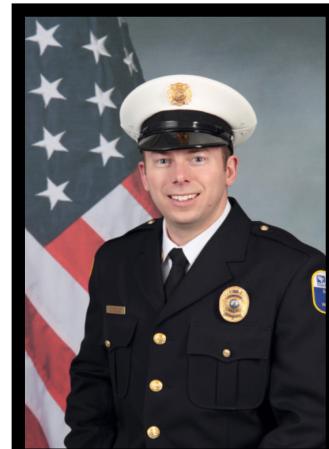
**Scott Salela**  
Bureau Chief



**Jim Kubinski**  
Bureau Chief



**Scott Scheller**  
Fire Marshal



**Dan Nelson**  
Emergency Management

# MESSAGE FROM THE CHIEF

## MARK J. PUKNAITIS



This year began as many others with goals and visions to accomplish great things. We have once again worked as a team to pursue and make great strides. Examples include our most recent Power Shift concept where we moved four personnel from a 24-hour shift to an eight hour day during peak hours to provide more resources to the community without increasing expenses.

We have taken delivery of two new engines and are awaiting another engine/tender that will assist in the unincorporated areas of town. We hope to make a purchase of a new truck in 2019.

Our special teams have proven to be outstanding. We continue to receive accolades and awards throughout the year for the saving of lives and our ability to assist others as we sent members across the country to assist with water rescue efforts this past summer and fall.

We received a SAFER Grant of nearly one million dollars to maintain our staffing levels and we continued efforts within our NEMA collaboration with Aurora through a nearly 1.4 million-dollar grant from the Department of Homeland Security. Our EMS Division has actively pursued ways where we can improve and we have already witnessed results with that effort along with our cardiac door to balloon time in recognizing critical field parameters and acting upon them aggressively and appropriately.

We have also collaborated with the Naperville Police Department to take on mental health issues and Crisis Intervention Training (CIT).

As we enter 2019, there will be challenges ahead and we will take these on together as a team. We will focus on outcomes, measuring our progress, by viewing factual and objective data that can be measured and compared with relative data. Then we will make valid conclusions on our effectiveness, and determine ways in which to adjust our goals.

Safety and accident prevention will be at the forefront of our efforts, as well as a focus on Community Risk Reduction (CRR), where the goal is to try to prevent incidents from happening, as opposed to simply responding to them. Our training will continue to be a key element as we continue to look at methods and technology that allows us to work safer and in a more cancer aware environment. We will focus on our aging population and work to find more ways we can partner with our neighbors using new radio technology and sharing resources.

In all we do, we will strive for the highest measures of success and monitor our progress so that we can continue the long tradition of excellence that the Naperville Fire Department is known for.

CHIEF MARK J. PUKNAITIS



# Programs and Services

## Citizen Involvement

NEMA (Naperville Emergency Management Agency)  
CERT (Community Emergency Response Team)  
Pulsepoint

## Awards and Recognition

CAPS (Citizens Appreciate Public Safety)  
Firefighter Recognition Program  
Edward Hospital Call of the Quarter  
Fire Chief Citizen Award

## Mental Health

C.I.T. (Crisis Intervention Team)

## Bullying/Substance Abuse

Confronting the Elephant

## Safety/Health

Firefighter Cancer Prevention  
Fire Department Health and Wellness

## Performance Goals and Standards

Fire Accreditation  
Community Risk Reduction (CRR)  
ISO (Insurance Services Organization)

## Customer Service

Household Hazardous Waste  
MEDIC Program (Medical Emergency and Disability Information on Computer)  
Prescription Drug Drop Off

## Specialty Teams

TEMS (Tactical Emergency Medical Support)  
WRT (Water Rescue)  
TRT (Technical Rescue)  
Haz Mat (Hazardous Materials)  
UAS (Unmanned Aerial System)  
Bike Medic

## Training

CPR/AED/First Aid/PetTech  
Fire Academy

## Revenue

Grant Program  
EMS Transport  
Fire Alarm Monitoring  
Cost Recovery  
CPR  
CPAT (Candidate Physical Ability Test)

## All Hazards Operational Services

Fire Suppression  
EMS (Emergency Medical Services)  
Rescue Vehicle Program  
Dropping the Borders  
Power Shift



# Programs and Services

## Office of the Fire Marshal

FIT (Fire Investigations Team)

Y-Fire (Youth Firesetters)

Fire Alarm Monitoring

Life Safety Occupancy Inspections

Fireworks Inspection and Supervision

School Inspections

Liquor Inspections

## Outreach/New Candidate

CPAT (Candidate Physical Ability Test)

Honor Guard

Explorer Post 911

College Intern Program

High School Job Shadow

Firefighters Highland Guard (Pipes/Drums)

Sister Cities

Fire Apparatus Donation Program

Video/PSA Program

## Public Education

Learn Not to Burn (3<sup>rd</sup> grade curriculum)

Senior Home Fire Safety

SHIP (Senior Home Inspection Program)

Home Fire Safety

First Aid (7<sup>th</sup> grade curriculum)

Preschool Fire Safety

Safe Sitter

College/Dormitory Fire Safety

Fire Safety in the Workplace

Safety Town

Fire Extinguisher Training

Fire Watch

Citizen Fire Academy

Fire Drills

Fire Station Tours

Public Safety Open House

Block Parties

Home Inspection Program

Smoke Alarms for Visually/Hearing Impaired

# Safety

The Naperville Fire Department strives to ensure that safety is a priority as we deliver emergency services and an all-hazards response capability to the community. A Lesson Learned follow-up is completed for each injury and preventable accident, and is reviewed by department personnel in the next month's training packet. The Safety Committee continued to enhance cancer prevention efforts for department employees, by instituting mandatory bunker gear washing yearly and after all structure fire incidents. Another cancer prevention initiative was mandating an on-scene hood exchange procedure, with the goal of reducing exposure to cancer causing byproducts of combustion. Lastly, an in-depth analysis of chest x-rays taken during annual department physicals, was added in an effort to detect possible mesothelioma, a common cancer caused from exposure to smoke during an incident. Another department led initiative, is a mandatory fitness program for all members to prevent cardiac disease and to promote overall wellness throughout the organization.

2018 Total	
Total Injuries	19
Lost Time Days	16
Preventable Collisions	13

## 2018 SAFETY GOALS :

- Work to keep the number of injuries and collisions at zero throughout the year.
- Obtain a variety of safety information from all company officers that will be forwarded to the Bureau Chief of Training (Safety Officer) to be submitted on a quarterly basis to the City Safety Manager, for the purpose of sharing safety information with all city departments.
- Continue with the existing “Lessons Learned” policy.
- Compile and share safety data by station and shift to provide a competitive comparison throughout the department.
- Include safety as a topic for staff and officer development meetings.

# Fire Stations and Facilities

**Station 1  
964 E. Chicago Avenue**

**Station 2  
601 E. Bailey Road**

**Station 3  
1803 N. Washington Street**

**Station 4 and  
Training Facility  
1971 Brookdale Road**

**Station 5  
2191 Plainfield/Naperville  
Road**

**Station 6  
2808 103rd Street**

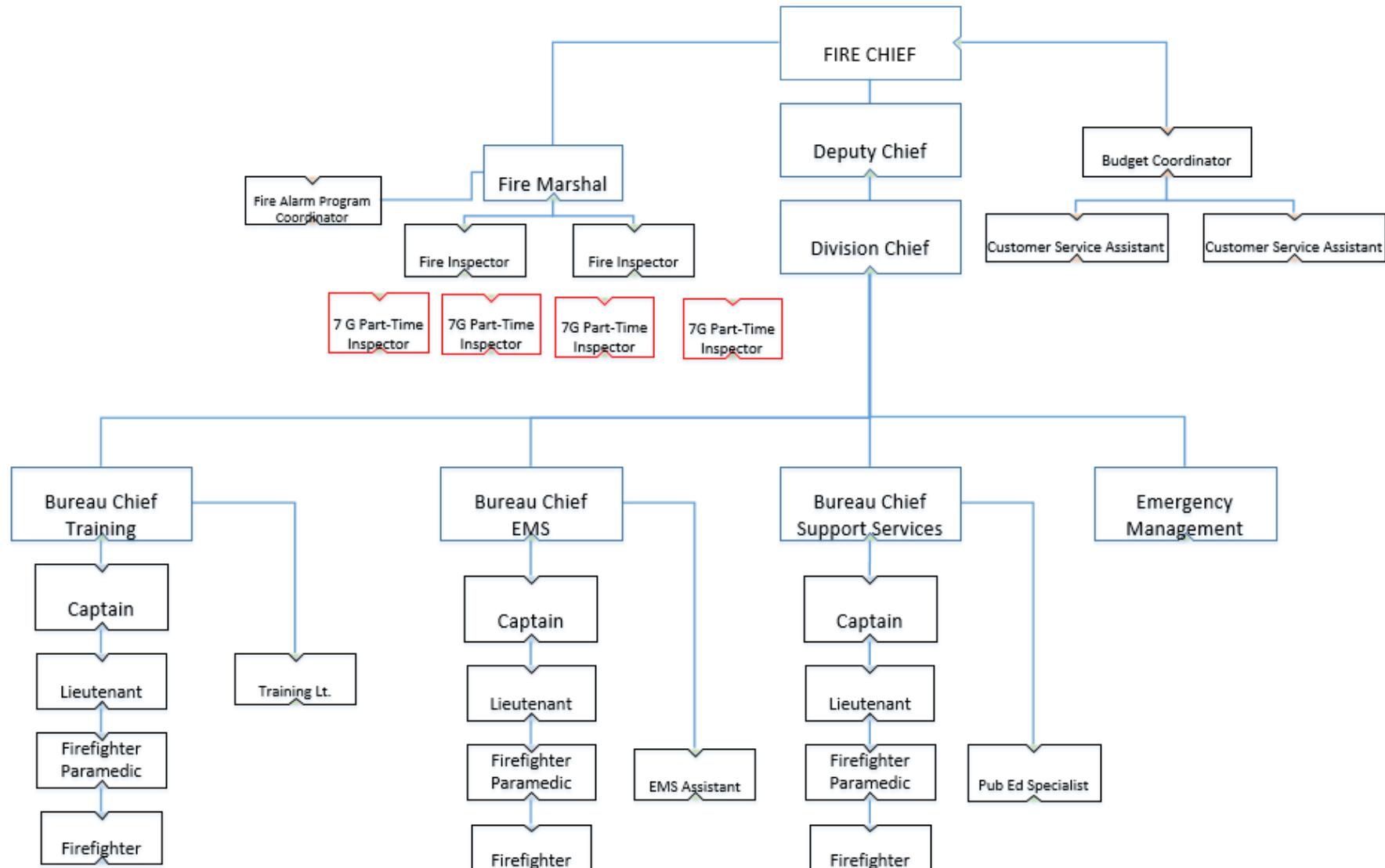
**Station 7 and  
Fire Headquarters  
1380 Aurora Avenue**

**Station 8  
1320 Modaff Road**

**Station 9  
1144 W. Ogden Avenue**

**Station 10  
3201 95th Street**

# Naperville Fire Department



Information Technology  
Reports to IT Dept.

Administrative	17
Operational	184
Total	201*
1 FTE = 4 PTI (7G)* reduced in 2018	

# 2018

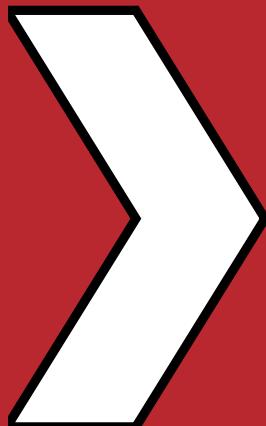
# New Recruits



# 2018

## Fall

Andrew Chang  
Kevin Greene  
Ryan King  
Devin Neale  
Daniel Puknaitis  
Justas Riabkov  
Zachary Volland



## Spring

Zachary Antonoff  
Tyler Bettenhausen  
Nicholas Cacic  
Devin Cross  
Brian Duggan



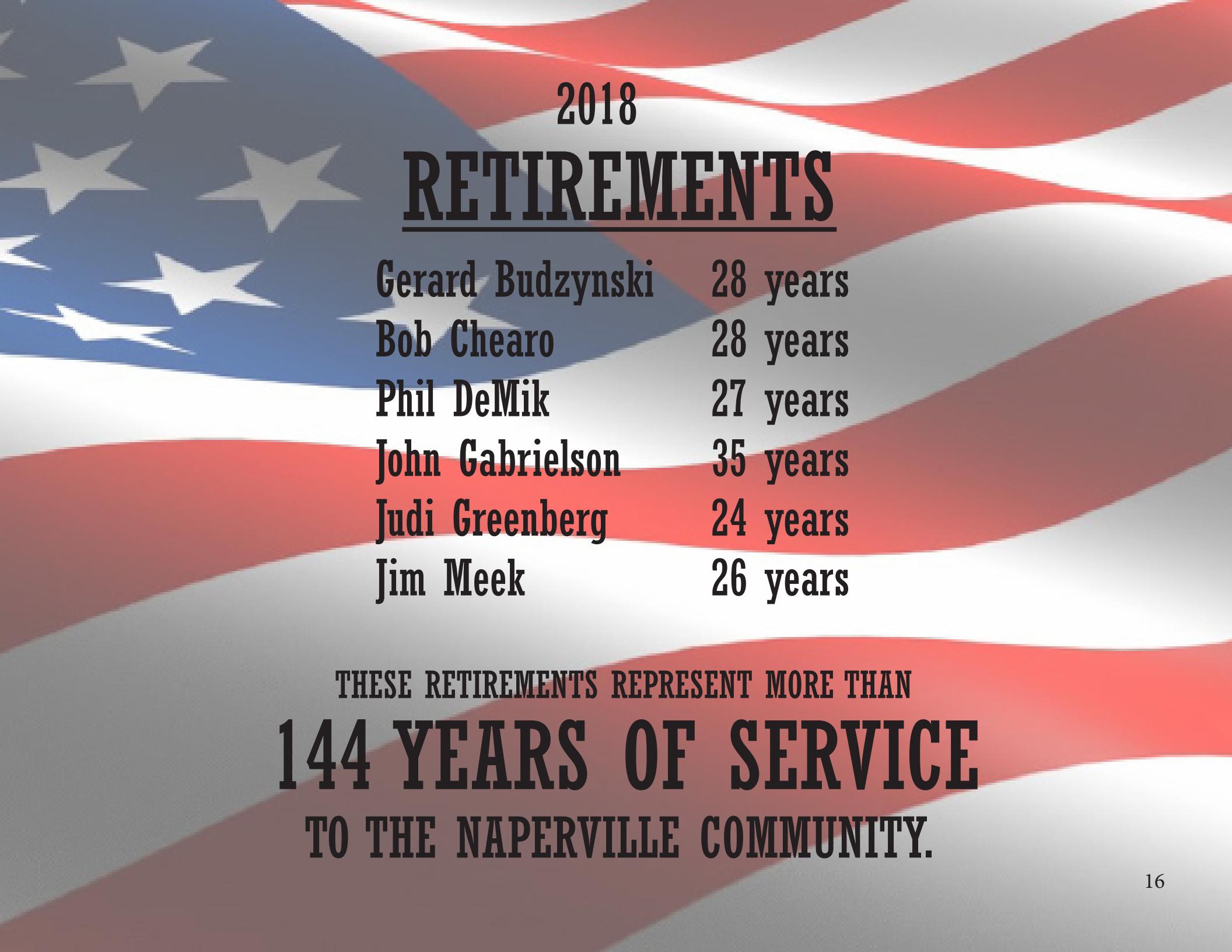
# UP THE LADDER - 2018 PROMOTIONS

PROMOTED TO THE RANK OF LIEUTENANT

DOUG ERWIN  
JOHN HALGREN  
MIKE POLIZZI

PROMOTED TO THE RANK OF CAPTAIN

MIKE DUNNING  
STEVE HINZE  
MIKE LANDERS



2018

# RETIREMENTS

Gerard Budzynski	28 years
Bob Chearo	28 years
Phil DeMik	27 years
John Gabrielson	35 years
Judi Greenberg	24 years
Jim Meek	26 years

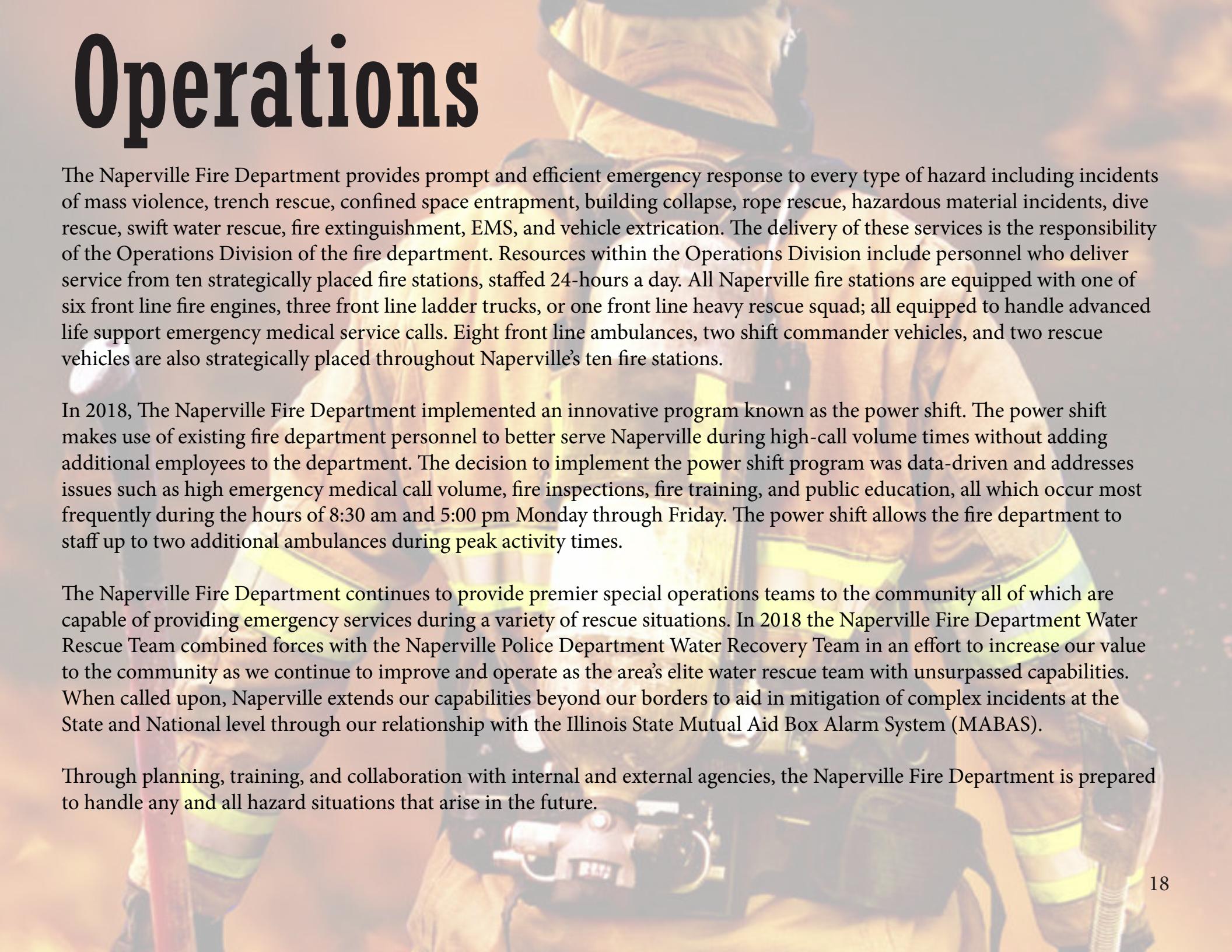
THESE RETIREMENTS REPRESENT MORE THAN  
**144 YEARS OF SERVICE**  
TO THE NAPERVILLE COMMUNITY.

A black and white photograph showing a firefighter on a tall ladder truck. The truck's ladder is extended upwards towards a two-story house that is engulfed in thick smoke. The firefighter is positioned near the top of the ladder, likely performing a rescue or extinguishing fire. Other firefighters and equipment are visible in the background.

section two

# **OUR DUTY**

# Operations



The Naperville Fire Department provides prompt and efficient emergency response to every type of hazard including incidents of mass violence, trench rescue, confined space entrapment, building collapse, rope rescue, hazardous material incidents, dive rescue, swift water rescue, fire extinguishment, EMS, and vehicle extrication. The delivery of these services is the responsibility of the Operations Division of the fire department. Resources within the Operations Division include personnel who deliver service from ten strategically placed fire stations, staffed 24-hours a day. All Naperville fire stations are equipped with one of six front line fire engines, three front line ladder trucks, or one front line heavy rescue squad; all equipped to handle advanced life support emergency medical service calls. Eight front line ambulances, two shift commander vehicles, and two rescue vehicles are also strategically placed throughout Naperville's ten fire stations.

In 2018, The Naperville Fire Department implemented an innovative program known as the power shift. The power shift makes use of existing fire department personnel to better serve Naperville during high-call volume times without adding additional employees to the department. The decision to implement the power shift program was data-driven and addresses issues such as high emergency medical call volume, fire inspections, fire training, and public education, all which occur most frequently during the hours of 8:30 am and 5:00 pm Monday through Friday. The power shift allows the fire department to staff up to two additional ambulances during peak activity times.

The Naperville Fire Department continues to provide premier special operations teams to the community all of which are capable of providing emergency services during a variety of rescue situations. In 2018 the Naperville Fire Department Water Rescue Team combined forces with the Naperville Police Department Water Recovery Team in an effort to increase our value to the community as we continue to improve and operate as the area's elite water rescue team with unsurpassed capabilities. When called upon, Naperville extends our capabilities beyond our borders to aid in mitigation of complex incidents at the State and National level through our relationship with the Illinois State Mutual Aid Box Alarm System (MABAS).

Through planning, training, and collaboration with internal and external agencies, the Naperville Fire Department is prepared to handle any and all hazard situations that arise in the future.

# Operations

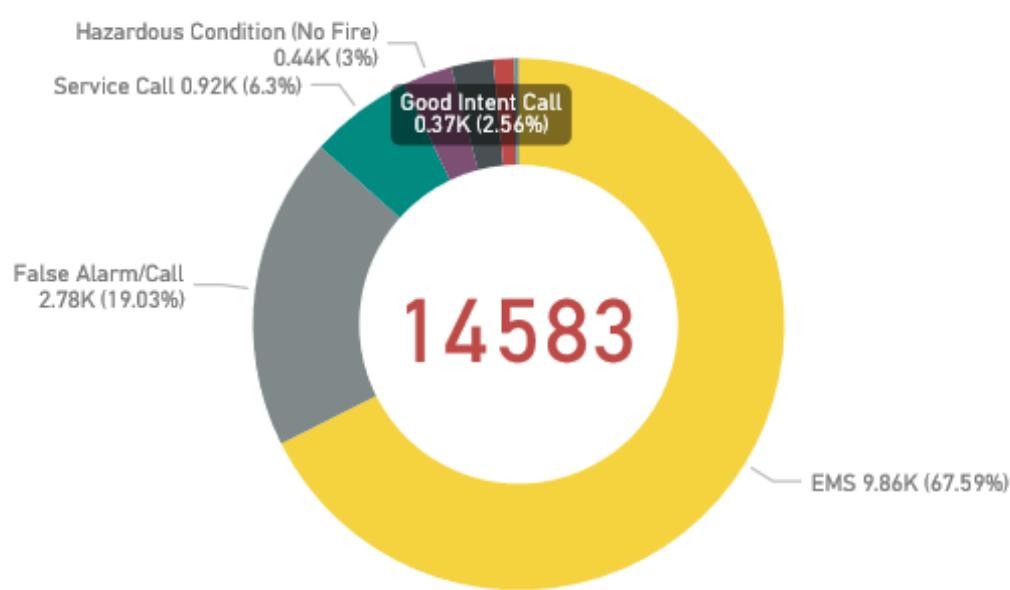
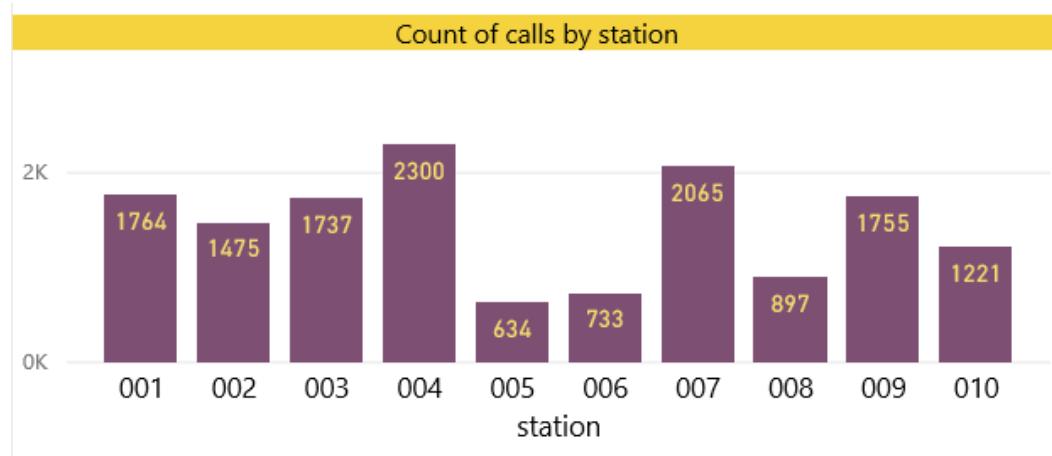
We use several methods to measure the effectiveness of our dispatch center by assessing “call taking” and “call handling time” for all calls received. Currently, we require a thirty-second call handling time from our call takers and telecommunicators to date our call processing time meets the 30-second benchmark 63% of the time. For a 90% compliance, our call processing time would be at 55 seconds. At an operational level within the fire stations, we are measuring “turn-out” time where we require our crews to react to the fire station alerting system and “go en-route” within a ninety-second-time requirement. To date, our “turn-out” time meets the 90-second benchmark 82.2% of the time. For 90% compliance, our turn out time would be 1 minute and 43 seconds. Finally, we measure travel time. Travel time is measured from the time a vehicle goes “en-route” to the time they arrive on the scene. Currently, our travel time requirement is 240 seconds or 4 minutes. To date, our travel time meets the 240-second benchmark 80.9% of the time. For a 90% compliance, our travel time would be 4 minutes 36 seconds.

Combined, our goal for response from time of the call to arrival is to arrive within six minutes, 90% percent of the time. The department currently performs at 86.3% for the call to arrival benchmark. To reach 90% the department would need to respond within 6 minutes and 22 seconds.

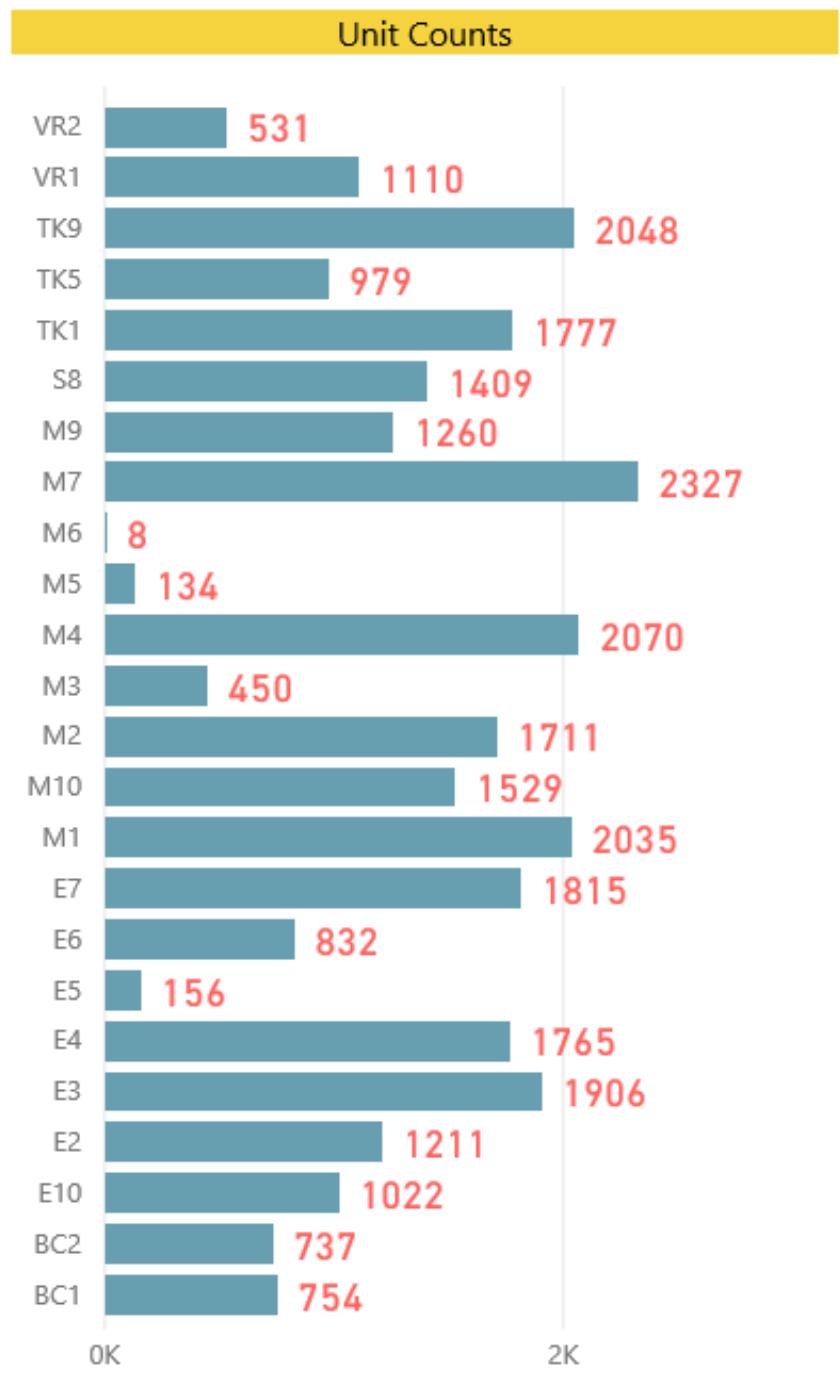
Call Processing @ 00:30	Turnout @ 01:30	Travel @ 04:00	Call to Arrival @ 06:00
<b>63%</b>	<b>82.2%</b>	<b>80.9%</b>	<b>86.3%</b>
Compared to Dept % Fire / EMS - No Aid Given <b>0.0%</b>	Compared to Dept % Fire / EMS - No Aid Given <b>0.0%</b>	Compared to Dept % Fire / EMS - No Aid Given <b>0.0%</b>	Compared to Dept % Fire / EMS - No Aid Given <b>0.0%</b>
<b>00:55</b> for 90% compliance	<b>01:43</b> for 90% compliance	<b>04:36</b> for 90% compliance	<b>06:22</b> for 90% compliance
<b>5,288 / 3,105</b> Pass / Fail	<b>7,261 / 1,570</b> Pass / Fail	<b>7,321 / 1,723</b> Pass / Fail	<b>7,884 / 1,255</b> Pass / Fail
% Compliance Time of <b>66 / 58 / 63 / 66</b> AM1 / AM2 / PM1 / PM2	% Compliance Time of <b>35 / 91 / 89 / 84</b> AM1 / AM2 / PM1 / PM2	% Compliance Time of <b>75 / 82 / 80 / 82</b> AM1 / AM2 / PM1 / PM2	% Compliance Time of <b>73 / 88 / 87 / 87</b> AM1 / AM2 / PM1 / PM2

**Response Time goal is 6 minutes or less 90% of the time**

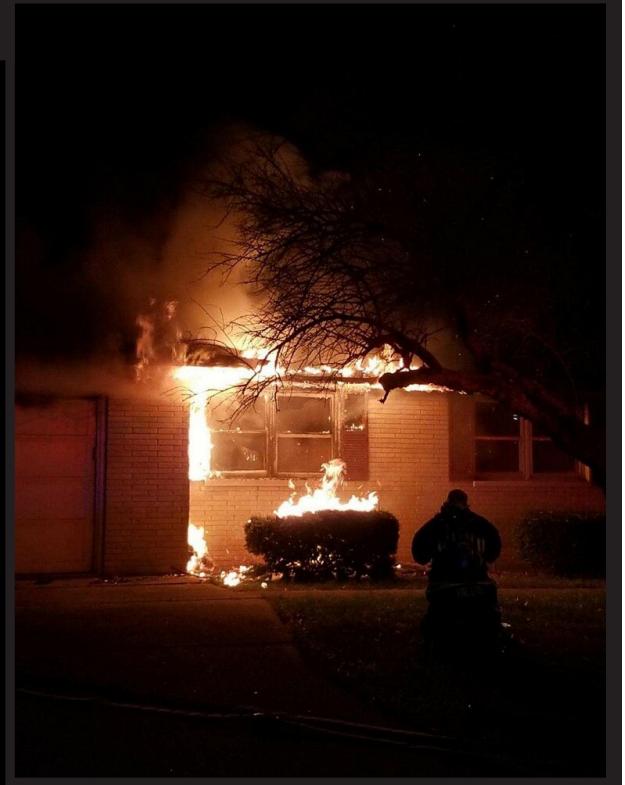
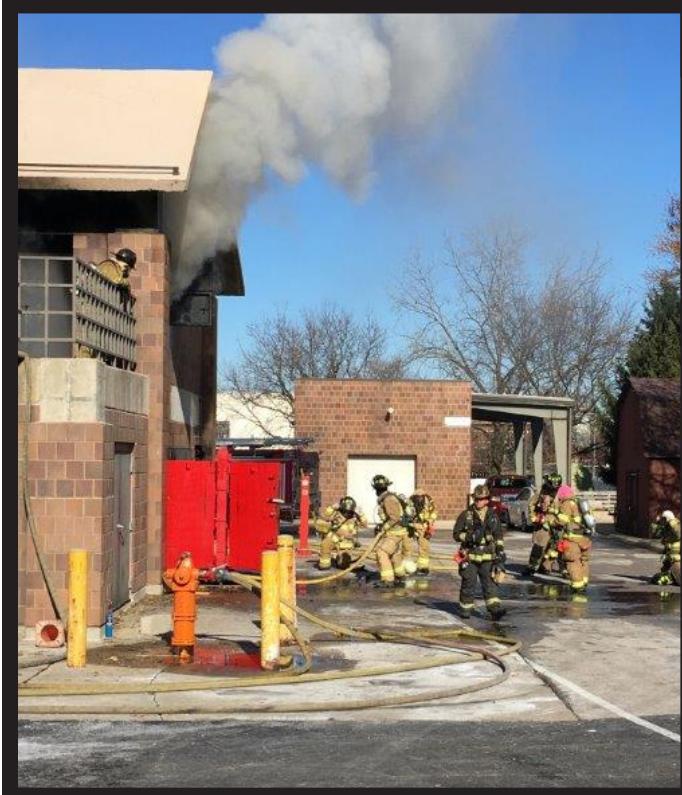
# DEPARTMENT STATISTICS



1/1/2018 - 12/31/2018







# WATER RESCUE TEAM

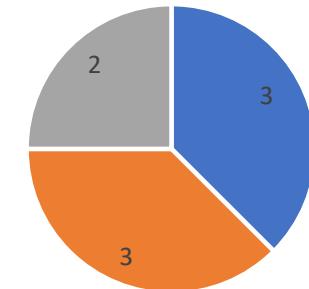
2018 proved to be a year of growth for the Water Rescue Team. Training continued to be one of our primary goals. Each shift training every month in all types of weather. Along with our monthly training, the WRT stays active with our MABAS Division, training with them 3 months out of the year. In 2017 Naperville WRT purchased a Surface Supplied Air System. In 2018, our MABAS 16 dive partners from Lisle, Downers grove, and Warrenville purchased equipment that would allow them to utilize our Surface Supplied Air System. Recognizing the importance of this equipment for our operation as well as for safety, our MABAS 16 board decided to purchase a second set of gear for each of our MABAS dive partners.

Another critical piece of equipment that was added in 2018 is a Sector Scan Sonar system. Division 16 currently has a Side Scan Sonar which was purchased by MABAS 8 years ago. This piece of equipment is utilized to see objects in the water as it is pulled behind a boat. Looking at our response area, the need for a Sector Scan Sonar was identified. In 2018, MABAS purchased this equipment for Division 16. This equipment not only allows us to find objects in the water, but now the ability to track divers as they search. Combined with our Surface Supplied Air System, we now have a better accountability of every diver in black water with the assurance of not running out of air. NFD sent 2 individuals to be trained by the manufacturer. These 2 Sonar Technicians are developing a training program for the entire division.

NFD currently has 26 members spread out over all three shifts and the Naperville PD has 6 divers on various shifts. After much discussion, we have decided to join forces and have one Naperville Water Rescue Team. By doing this, we increased our numbers and add a law enforcement component that very few other teams have.

2018 totals ended up with 8 water related callouts. The team completed just over 100 hours of training. Training included diving in open and ice water. Other areas that the team devoted hours to is swiftwater training, boat operations and sonar operations.

2018 Water Rescue Team Incidents



- 360 Water & ice-related rescue, other
- 363 Swift water rescue
- 361 Swimming/recreational water areas rescue



# TECHNICAL RESCUE TEAM

In 2018, The Naperville Fire Department Technical Rescue Team experienced its first full year as a member of the Combined Area Response Team, also known as CART. In doing so, the team completed monthly training with the Mutual Aid Box Alarm System, Division 16 Technical Rescue Team and the Silver, Combined Area Response Team. This training included the team “validating” with the successful completion of a Grain Bin Rescue, in October.

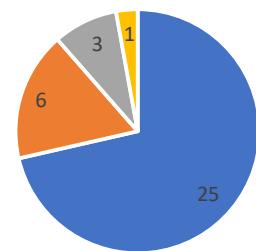
In 2018, team members attended several Technical Rescue training and educational opportunities. Training included, but was not limited to, the following courses; Vehicle & Machinery Rescue Operations, Vehicle Machinery Rescue Technician, Rope Rescue Operations, Rope Rescue Technician, Collapse Rescue Operations, Collapse Rescue Technician, Confined Space Rescue Operations, Confined Space Rescue Technician, Trench Rescue Operations, and Trench Rescue Technician. Additionally, five team members are on the Illinois Task Force 1 Urban Search and Rescue Team. These team members receive several additional training and educational opportunities. Continuing the emphasis on training in 2018, team members administered a basic technical rescue overview to 2 Naperville Fire Recruit classes.

The Naperville Fire Department Technical Rescue Team consists of 34 team members. Members completed more than 335 hours of training, across all four disciplines, during 2018.

Though the Naperville Fire Technical Rescue Team did not respond to any incidents in 2018, the team’s monthly training and yearly validation ensures the team’s preparedness to respond to future Technical Rescue incidents.



2018 Technical Rescue Team Response



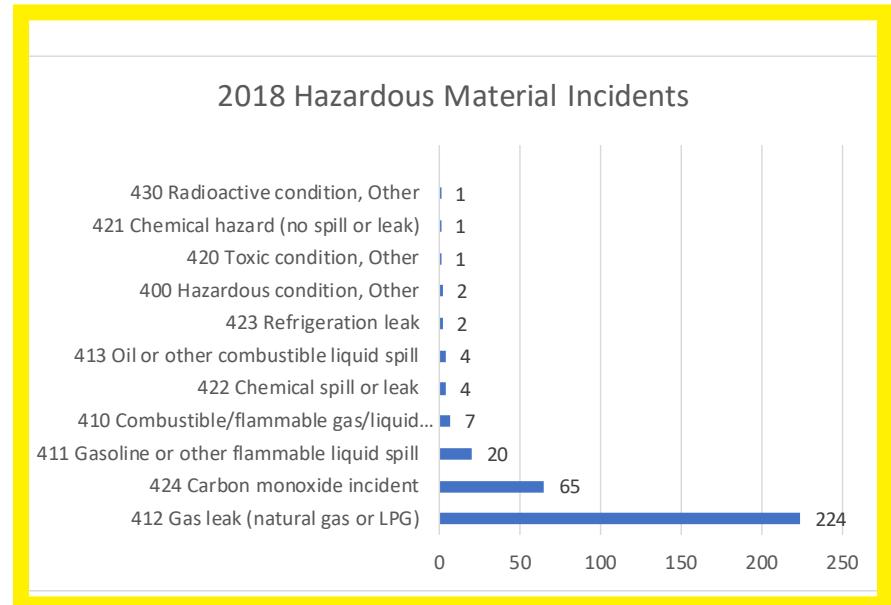
- 353 Removal of victim(s) from stalled elevator
- 352 Extrication of victim(s) from vehicle
- 350 Extrication, rescue, Other
- 357 Extrication of victim(s) from machinery



# HAZARDOUS MATERIALS TEAM

This year the Naperville Hazardous Materials Team focused on implementing a planned response with newly acquired resources to the recognized hazard traveling through our community. The team has been aware of the hazardous nature of rail transport along the Canadian National and Burlington Northern tracks for several years. In June 2017 our foam trailer responded to the Canadian National train derailment involving 25 overturned and leaking tanker cars of petroleum crude oil in nearby Plainfield Illinois. Fortunately, the spill did not ignite, thanks to the rapid vapor suppression efforts and good fortune. Team members along with all fire staff and line personnel have completed awareness, operations and technical training including response drills on crude oil rail emergencies. The entire department has been trained in the operation and capabilities of the foam trailer.

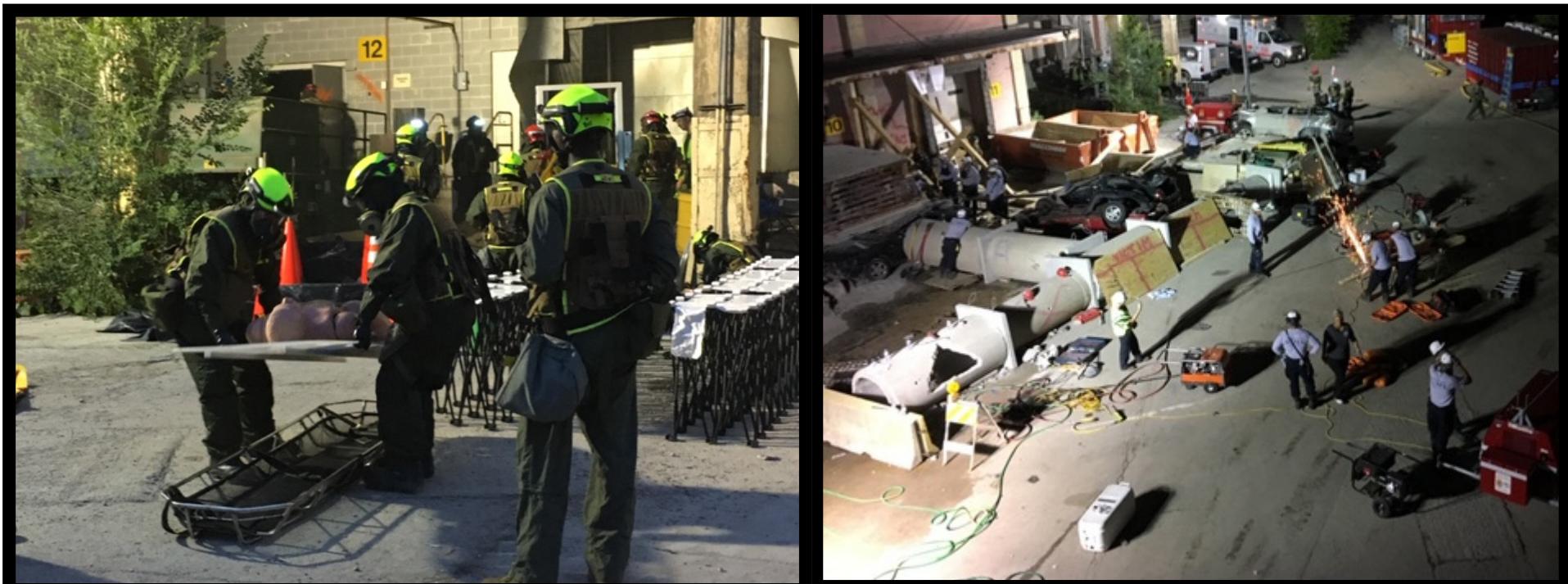
In the event of an incident that may involve the release of thousands of gallons of product and ignition of tank cars of crude oil in a unit train, most emergency response organizations will not have the available resources, capabilities or trained personnel to safely and effectively extinguish a fire or contain a spill of this magnitude. The Naperville Fire Department understands that a rail emergency will require a multi-jurisdictional response but recognizes that we must be prepared for the initial response. The department has invested first in training, second in planning and ultimately in the purchase of a foam trailer capable of delivering large caliber foam streams to a remote fire location such as along the railroad. In 2018, the department purchased additional foam to have the reserve capacity to replenish all 660 gallons of concentrate on the trailer.



**CAUTION CAUTION CAUTION**

Budget and specification efforts to replace the 1988 Hazardous Materials unit were completed in 2017 with the build and eventual delivery in early 2018 of a 40-foot ATC custom built HazMat trailer. The trailer allows for office space for the tactical planning process. Often involved parties such as Railroad Hazardous Materials Managers and Industrial safety officers will join or meet with the Hazmat Operations Officer in this workspace. The expanded storage space allows for additional mitigation equipment to be housed in the trailer instead of in the firehouse. Scene lighting, compartment access, and trailer design enable the team to deploy and remain self-sufficient for 72 hours. In July 2018, the Naperville Trailer along with the MABAS 16 Hazardous Materials Team deployed to Chicago's old postal facility for a multi-jurisdictional deployment exercise. The Hazardous Material Team operated over 24 hours during two work cycles at the simulated terrorist attack. Crews had to establish a base of operations and deploy to the hot zone some distance away. The team met every objective listed for each operational period.

Aside from providing command workspace, the new trailer will provide hazardous material monitor storage, computer and charging stations. This includes the team weather station which is tied to our atmospheric monitoring devices. The base station remains in the office while the detection devices are placed remotely around an incident. The monitors then transmit readings back to the trailer. The on-board generator provides power for office equipment and lighting. The new trailer will meet our needs and provide many years of service to the City.



# Tactical Emergency Medical Support Team

In 2018, the TEMS team received 16 calls for service. In addition to responding to real-world incidents, the TEMS medics continued their education by attending courses across the nation, shared their knowledge with outside organizations through formal courses taught by TEMS medics, and maintained our position as a model TEMS program.

This year TEMS medics took advantage of several educational opportunities across the United States. Once again our tactical medics were requested to attend the ILEAS (Illinois Law Enforcement Alerting System) Mid South Advanced SWAT Tactics course. Our team was requested to not only attend the training but also serve as the primary medical response in a rural area. This year, five TEMS medics attended the Site in Mt. Carroll, Illinois, where the training was focused on advanced SWAT tactics and medical operations. While at the Site, medics received leadership training and performed tasks under highly stressful conditions. With funds from the CCTA grant, TEMS medics were able to attend the National Tactical Officer's Association conference this year. While at the conference our medics received training from leaders in the tactical medical field. The TEMS team members continue to spend a great deal of their personal time dedicated to providing a higher quality of care to our patients in an austere environment.

In an effort to continue to the quality of care given by the Naperville Fire Department during incidents of mass violence, the TEMS team rolled out another round of Rescue Task Force training. In coordination with the Naperville Fire and Police department training divisions, TEMS team members assisted with teaching the Rescue Task Force concept to uniformed police and firefighters. TEMS medics dedicated over 60 hours to RTF training. The RTF training has become a model for our neighboring departments. Thus far we have had observers from Aurora and Warrenville at this year's training.

In 2018 the TEMS team responded to 16 incidents. Approximately 87% of the incidents occurred within the City of Naperville. On duty personnel were utilized for all the incidents that had less than 40 minute lead-time. The addition of TEMS medics to the Naperville Police Department REACT teams has allowed us to better serve our community with a point of wound care during escalated incidents that have yet to warrant an SRT response.



# Unmanned Aerial System Team

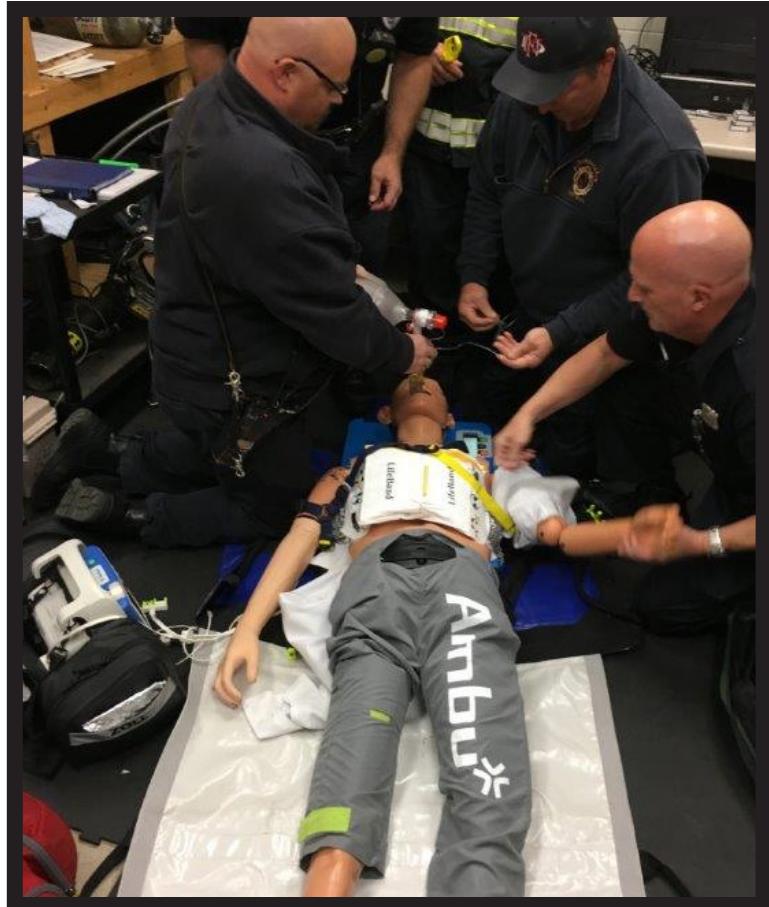
The Naperville Fire Department utilizes an UAS (unmanned aerial system) to assist with its day to day operations. Drones increase safety and efficiency by allowing commanders a 360-degree view of every scene. UAS operators can provide aerial reconnaissance from a safe area up to  $\frac{1}{2}$  mile away potentially eliminating the need to place rescuers in danger. During festivals and public events, drones can help maintain situational awareness and aid in deciding where to best deploy resources should a situation develop. Naperville uses a DJI Inspire 1v2 drone for its operations. This drone employs a 4k camera for crystal clear photos with extensive detail for daytime operations, and a thermal flare camera with infrared imaging for low light operations. It can operate as high as 400 feet and up to a  $\frac{1}{2}$  mile away. GPS positioning allows the unit to hover in place in wind gusts up to 20 mph.

The UAS program conducts its operations under the strict regulations set by the FAA. In May, Naperville received its renewed Certificate of Authorization (COA) from the FAA. The COA allows non-UAS licensed personnel to conduct emergency operations after they have completed the appropriate training. This summer, Naperville contracted with Aerovista Innovations to train 25 additional pilots bringing our total to 29. Those individuals are working toward obtaining their FAA remote pilot's license.



# EMERGENCY MEDICAL SERVICES

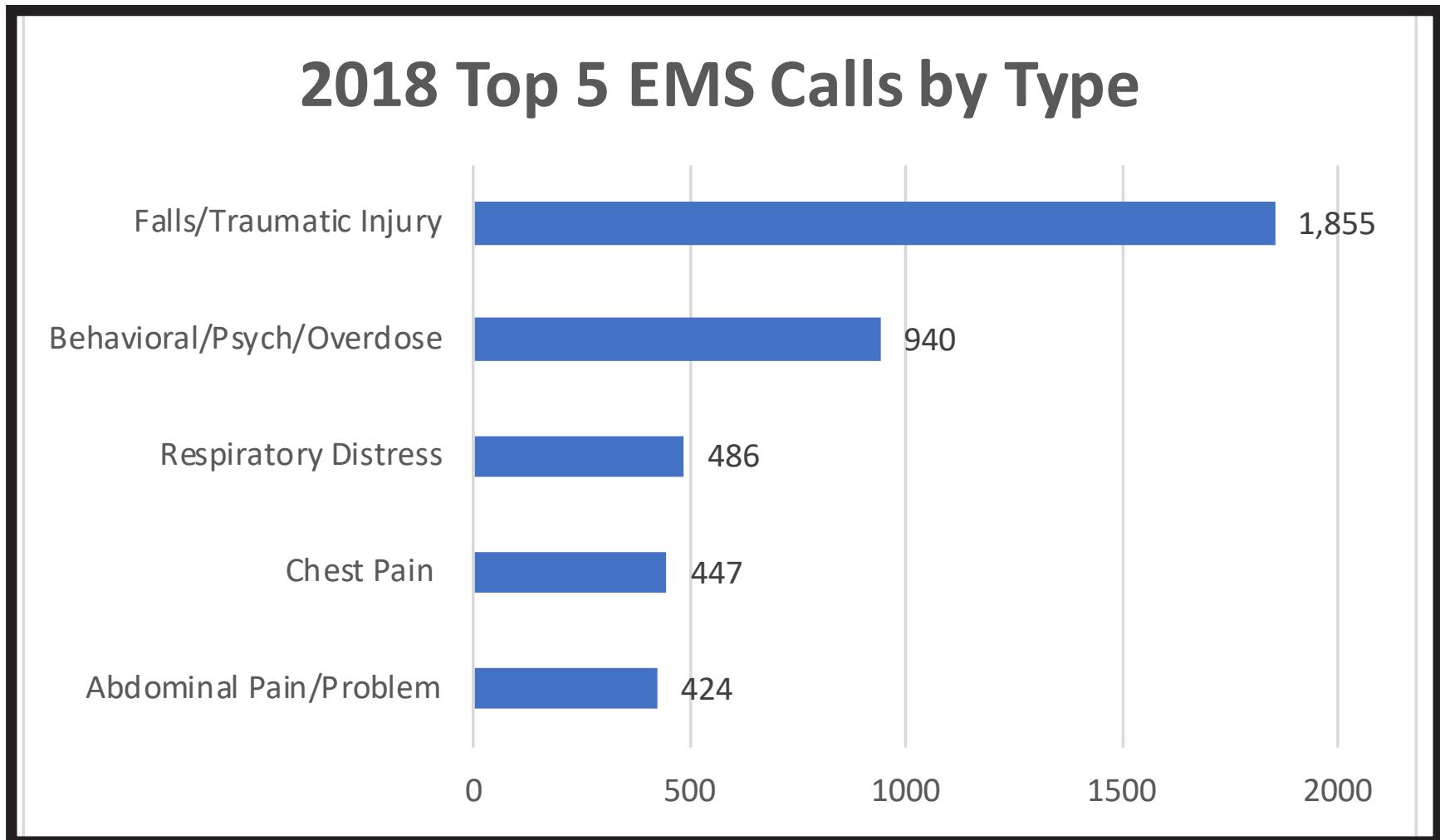
The Emergency Medical Services Division maintained high activity and training levels in 2018. Over 11,000 hours of EMS-specific training was completed by all fire department personnel. There were 9,856 total EMS calls and in more than 7,000 of them, patients were transported to a nearby hospital. The American Heart Association presented the Mission Lifeline - Silver Level Award to the Naperville Fire Department. This national recognition was awarded for continuous processes that have been implemented to improve outcomes for patients who suffer from a Myocardial Infarction (Heart Attack). Fire Chief Puknaitis presented the Fire Chief's Citizen Award to numerous community members who jumped into action and provided life-saving CPR and other interventions prior to the arrival of the fire department E.M.S. Team.



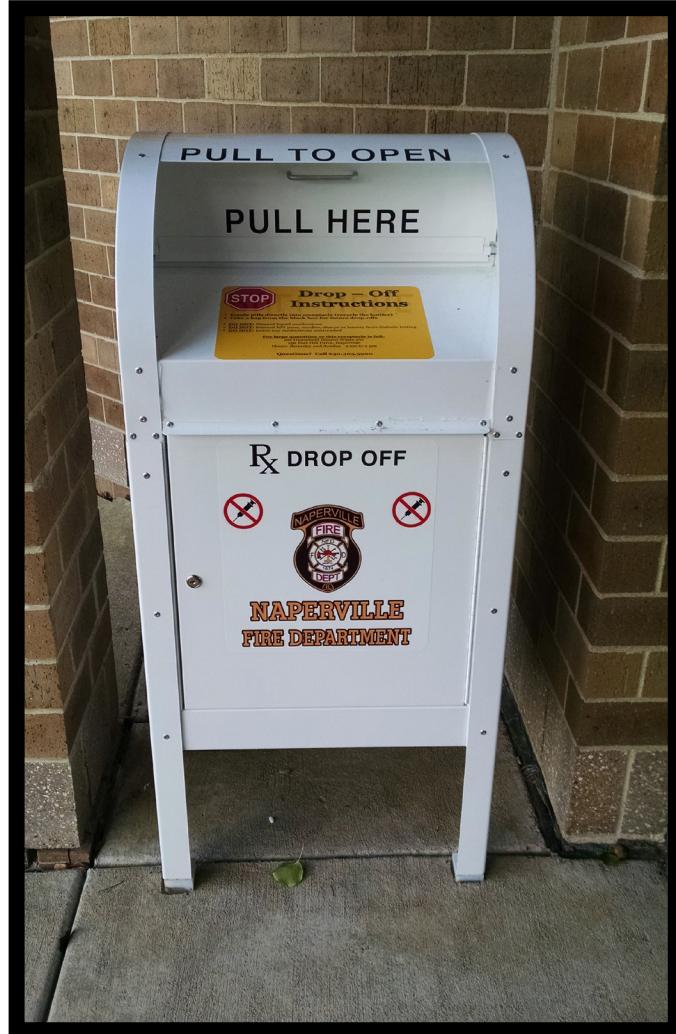
A new EMS Training Assistant was selected after the retirement of the current one. The newly selected EMS Training Assistant will maintain the assignment until December of 2019. The initial purchase of six automated chest compression devices was completed, and a training package was developed, with assistance from the Bureau Chief and Lieutenant of Training. Over 550 hours of training was documented by personnel from all three shifts in October to prepare for the implementation of the new life-saving devices. The devices were placed on the six most active ambulances and will provide uninterrupted, mechanical chest compressions to a patient suffering from sudden cardiac arrest. The training and implementation was not only for use of the automated compression devices but for changes in the actual resuscitation process used during a cardiac arrest. The changes, approved by the Edward Hospital Emergency Medical Services System for a two-year field study, are expected to improve survivability from sudden cardiac arrest. Currently, the Naperville Fire Department is above the national average with a 10% survivability rate. The new "resuscitation package" is expected to significantly increase the department's current survivability rate.

Five department personnel received the Edward Hospital "Call of the Quarter" for their efforts during an EMS incident in the 2nd Quarter of 2018 for their actions while treating a pediatric patient with a severe allergic reaction. The EMS Division provided paramedics and ambulances for 20 community special events and 27 high school or college athletic events throughout the year as well. The EMS Division continued with providing annual medical physicals to all operational personnel. The Department will meet the goal set forth by a citywide initiative to have at least 90% of fire department personnel trained in mental health awareness and de-escalation techniques.

Additional screening of chest x-rays, for even earlier detection of life-threatening lung cancer, was provided during the already comprehensive testing that ensures all of our firefighter/paramedics enjoy a full and healthy career. The Wellness-Fitness Committee continued providing recommended workouts for all personnel and expanded the monthly wellness newsletter that focuses on nutrition and mental health for firefighters. The newsletter is written and published by department wellness-fitness committee members. Over sixty percent of the department's personnel were trained in mental health awareness and de-escalation training during the last quarter of the year with the remaining personnel scheduled to complete the training in January of 2019. This will meet the goal set forth by a citywide initiative to have at least 90% of fire department personnel trained in mental health awareness and de-escalation techniques.



# Prescription Drug Drop Off Program



## 2018

Station	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	Year-End Total
1	50	60	29	60	199
2	104	64	140	59	367
3	50	35	55	35	175
4	160	20	20	10	210
5	50	75	43	34	202
6	28	18	58	15	119
7	45	24	45	50	164
8	80	18	18	5	121
9	50	28	10	28	116
10	98	75	75	75	323
Total Weight (lbs)	715	417	493	371	1,996

# TRAINING DIVISION

2018 has proven to be a very productive and busy year. We continue to grow and learn as a department and venture into new trending areas of technology and training for different types of calls. As our world and the needs of our community change, we are striving to meet those challenges and be better prepared for what the future will hold.

The department hired new firefighter/paramedics to replace existing members that retired. We hired 14 new FF/PMs this year and ran two separate academy training classes. The first class began on May 21, 2018, with seven new personnel going through our fire department's 320-hour fire and paramedic training program. The second group started on October 22, 2018, with six new members. We also hired one additional new employee on December 3, 2018. All 14 members completed their initial eight-week training academy and are currently assigned to fire companies where they continue to learn and train during their first year of probation.

In 2017, we made a goal to host more state certification classes through our Naperville Fire Department Training Academy. These classes are run and taught by our own members with approval through the Illinois State Fire Marshall to teach and certify for 15 classes.



## **Classes taught by NFD Training Academy in 2018 :**

- Basic Operations Firefighter
- Hazardous Materials Operations
- Fire Safety Vehicle Operator
- Vehicle Machinery Operations
- Fire Apparatus Engineer
- Advanced Technician Firefighter

## **2018 other major training initiatives:**

Combined Fire/Police Rescue Task Force Training at NFD training facility  
Rapid Intervention Crew Refresher- Conducted Acquired Structures in Naperville

Active Shooter Incident Management- Class provided for free through DHS Grant (\$68,000 value)

Zoll Auto-Pulse In-Service Training delivered department-wide<sup>32</sup>

Hosted-Medical Preparedness and Response to Bombing Incidents- Free class offered by the National Emergency Response and Rescue Training Center.

- Our members went to 480 outside classes or drills in 2018
- We utilized 15 acquired structures within Naperville for Fire/EMS training
- ALICE Train the Trainer- Funded through CCTA Grant
- Hosted-Drone Pilot Flight and Ground School
- Clumpner Active Shooter Training- Funded through the CCTA Grant
- We averaged 6,165 hours per month of total training department-wide.

### **CCTA Grant**

- Spent \$75,955.58 in overtime for FD personnel for 1,325.25 hours
- Submitted reimbursement totaling \$74,416.04

### **ITTF Grant**

- Spent \$79,615.58 in overtime for FD personnel for 1,314 hours
- Submitted reimbursement totaling \$76,119.42
- Received revenue totaling \$22,475.24

### **ILEAS/TEMS Grant**

- Spent \$24,921.79 in overtime for FD personnel for 389 hours
- Received revenue totaling \$16,687.77

### **Social Services Grant**

- Awarded \$10,400 grant
- Crisis De-escalation Instructor Training for 3 FD personnel
- Requested reimbursement for \$9,147



Every year we apply for claims for reimbursement through the Office of the State Fire Marshall. This year we were reimbursed for \$8,564 worth of training from The State of Illinois.

In 2017, we had five employees that were certified in Crisis Intervention Training (CIT). In 2018, we utilized those instructors to deliver training to our members on how to better deal with patients with mental illness. This Mental Health Awareness Training was delivered to Operations and staff employees. We utilized a Social Services grant for some of this training.

## ACCREDITATION



Since 1997, Naperville has been accredited by the Center of Public Safety Excellence. Having gone through five cycles of accreditation, this process allows the department to compare its performance in community risk and safety needs and develop community-specific standards of cover. The accreditation program evaluates the performance of the department and establishes a method for achieving continuous organizational improvement.

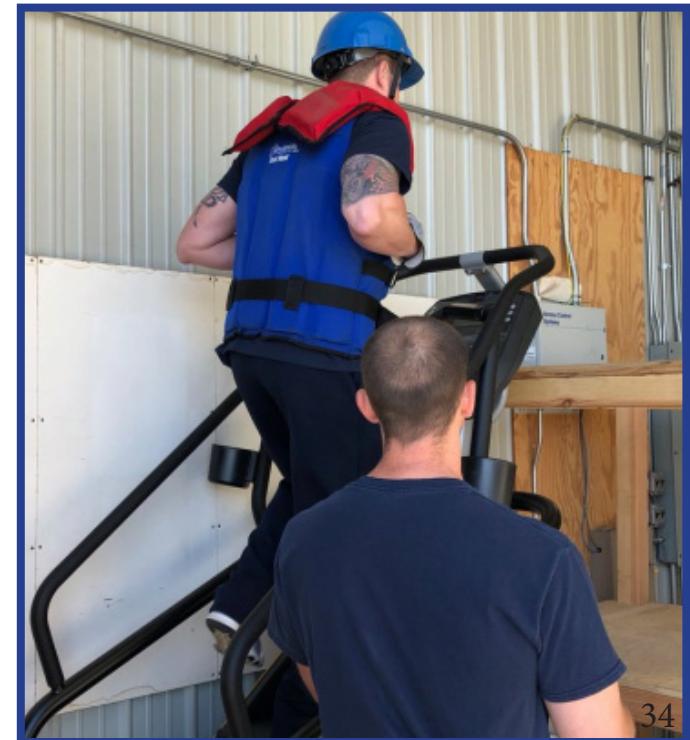
Under the direction and leadership of Fire Chief Mark Puknaitis, the accreditation process has been integrated into every aspect of the fire department's operations. The department is continually improving and poised to professionally move ahead with the appropriate organizational tools that will validate, support and measure the services that are being delivered. The Naperville Fire Department is constantly assessing their efforts to ensure that they are meeting the needs of the community.

## Candidate Physical Ability Test (CPAT)

The Naperville Fire Department holds a limited license for the purpose of administering the Candidate Physical Ability Test, or CPAT, to assess the physical capability of firefighter candidates.

The CPAT is accepted by many fire departments across the United States, including the Naperville Fire Department, as a predictor of an applicant's ability to perform basic firefighting tasks. Upon successful completion of the test, a CPAT identification card is issued to the candidate for use in the fire department hiring process. Candidates applying to any fire department, not just those applying to the Naperville Fire Department, are permitted to register to take the CPAT in Naperville. Candidates taking the CPAT in Naperville also have the opportunity to satisfy the state-required ladder climb exercise.

In 2018, 174 individuals completed the CPAT which was up from 64 in 2017. This drastic increase is in large part due to the added advertising and organization the CPAT team has put into place. 2019 should see an increase again in the number of participants in the CPAT program as well as moving the location of the test to a new larger location to help accommodate the increase in use and candidates.



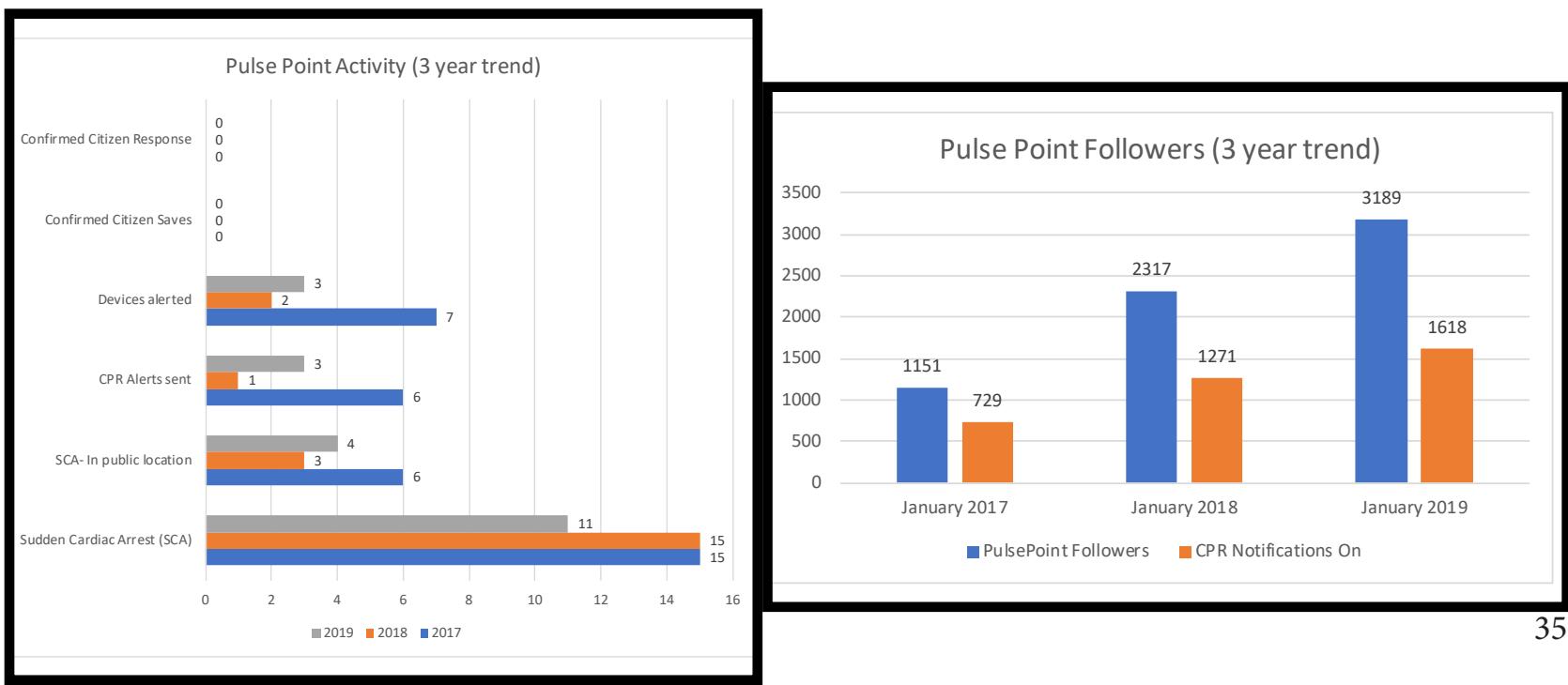
# PulsePoint



PulsePoint Respond is a mobile app which alerts CPR-trained citizens of a sudden cardiac arrest near their location. The app is activated by the local public safety communication center simultaneous with the dispatch of fire and EMS resources of the Naperville Fire Department. The purpose of the app is to increase the survival rates of cardiac arrest victims by increasing awareness of public access defibrillator (AED) location through real-time mapping. The app is only activated if the event is occurring in a public place.

In addition to the life-saving CPR/AED functionality, the app provides a virtual window into fire and EMS activity in the community, offering a unique opportunity for civic engagement. Since the app requires a connection to the local public safety communications center, it is only available where adopted and implemented by local fire and EMS agency. In an effort to inform and involve the community Naperville is proud to offer this service to the community.

The department is constantly striving to increase the number of citizens trained in CPR/AED as well as the number of citizens who activate the Pulsepoint app. In 2018, the number of Pulsepoint followers increased 38% from the previous year. There are also currently 236 registered AED's in the City.



# Office of the Fire Marshal



The Office of the Naperville Fire Marshal consists of two full-time fire inspectors, four part-time fire inspectors, and one Fire Alarm Coordinator. In an attempt to provide a safe environment for our residents and the business community, the Fire Prevention Bureau strives to prevent injury and loss of life through a variety of activities. These include annual fire safety inspections in existing buildings, new construction and fire protection system plan review, on-site fire protection system testing and approval, code interpretation and compliance, public education, and fire alarm monitoring.

This year the Office of the Naperville Fire Marshal saw an increase in all areas of our development and inspection program. In conjunction with our in-service companies, we completed an annual safety inspection of nearly all commercial occupancies including all our target hazard occupancies. Our electronic inspection format continues to allow us to collect data and complete the inspections in an efficient manner. We also completed the annual liquor compliance inspections, continuing our partnership with the Illinois State Liquor Commission.

Also, this year we began using a new software solution to acquire and store pre-plan information on all buildings in our jurisdiction. This allows our emergency units to display critical building information on their Mobile Data Computer (MDC) in the engine on the way to an incident.

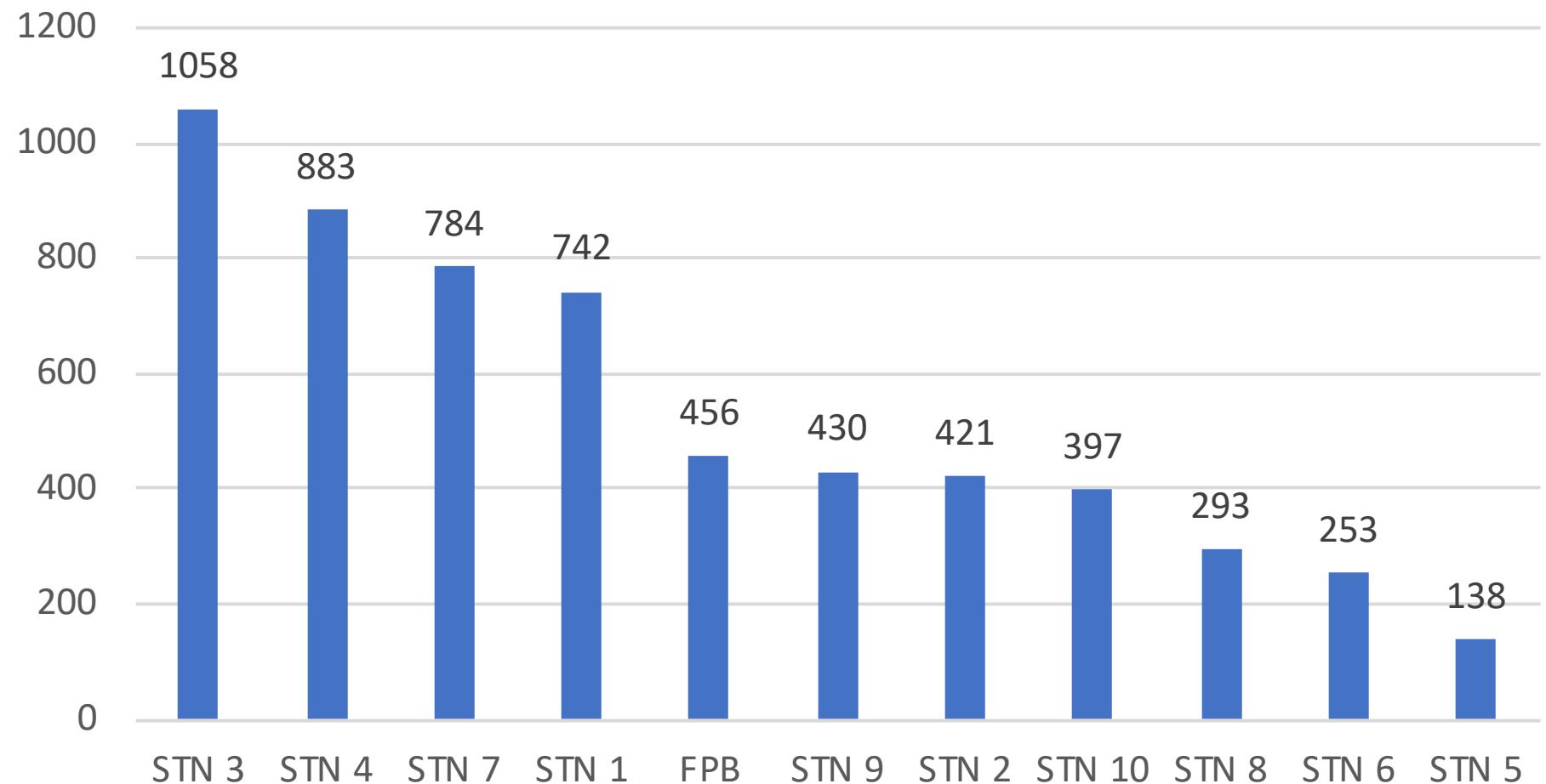
A review of the 2012 fire code was conducted with the eventual adoption of the 2018 International Fire Code as well as the 2018 Life Safety Code. These updated codes are reviewed and updated every six years to keep current with new life safety measures and advances in the building industry.

Our fire alarm monitoring program continues to provide a reliable and economical way for businesses to meet their fire alarm monitoring needs with signals sent directly to our 911 dispatch center at a very low monthly cost. This year we went out to bid for a new three-year contract with a vendor for our radio maintenance and installation allowing us to maintain a low cost for years to come.

# Inspections by Type

<b>2018</b>	<i>Plan Reviews</i>	<i>Occupancy Inspections</i>	<i>System Acceptance Testing</i>	<i>Annual Safety Inspections</i>	<i>Follow ups</i>	<i>Fire Watch Inspections</i>	<i>Liquor Inspections</i>
January	52	34	68	505	91		10
February	79	33	57	437	62		25
March	39	41	63	441	40	6	34
April	61	33	62	758	55	2	34
May	73	34	60	544	49		48
June	52	35	77	223	67	8	64
July	60	25	54	461	66	5	
August	88	26	50	625	56		
September	40	32	59	365	62		
October	64	27	62	664	56		
November	45	33	64	377	48		
December	48	32	41	419	42		
<b>OEY Totals</b>	<b>701</b>	<b>385</b>	<b>717</b>	<b>5,819</b>	<b>694</b>	<b>21</b>	<b>215</b>

## 2018 Inspections by Station



# **Fire Investigations**

In 2018, the Fire Investigation Team added some basic investigation equipment to the Alternate Response Vehicle. This equipment and the vehicle is available to both duty and on-call investigators. Three portable radios, chargers and extra batteries, along with three cellular telephones have been provided to teams covering each shift, allowing for more effective communication and safety. The department-wide implementation of the Target Solutions program provides tracking of continuing education and training for each Investigator. The team has trained and appointed five new investigators.

The cause and origin determinations were provided by the responding company officer. When circumstances prohibit the company officer from determining cause and origin, the Fire Investigation Team shall be called in to provide assistance. The Fire Investigation Team responded to 18 fire incidents to determine the cause and origin. The results are shown in the data below.

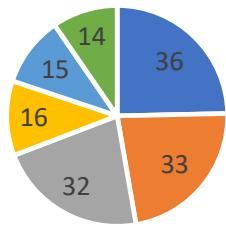
## **2018 FIRE INVESTIGATION RESULTS**

<b>11</b>	<b>ACCIDENTAL</b>	<b>61%</b>
<b>3</b>	<b>INCENDIARY</b>	<b>17%</b>
<b>0</b>	<b>NATURAL</b>	<b>0%</b>
<b>4</b>	<b>UNDETERMINED</b>	<b>22%</b>

# Fire Investigations

The Naperville Fire Department has the responsibility to investigate the cause and origin of every fire in its jurisdiction. In 2018, the Naperville Fire Department responded to 192 reported fire incident types. The top six fire incident types totaled 146 recorded incident types. They included: cooking fires, building fires, passenger vehicle fires, brush/grass fires, rubbish/trash fires and dumpster/ other outside fires.

2018 Top 6 Fire Incident Type

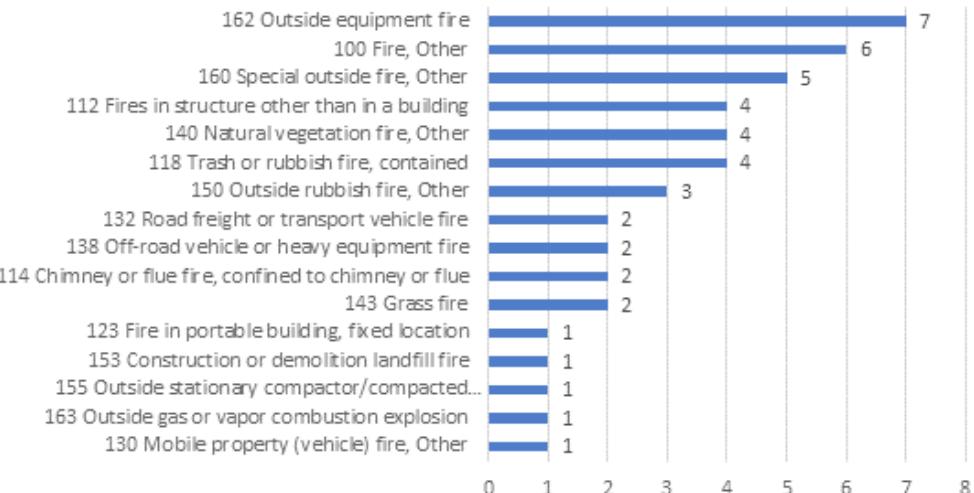


- 113 Cooking fire, confined to container
- 111 Building fire
- 131 Passenger vehicle fire
- 142 Brush or brush-and-grass mixture fire
- 151 Outside rubbish, trash or waste fire
- 154 Dumpster or other outside trash receptacle fire

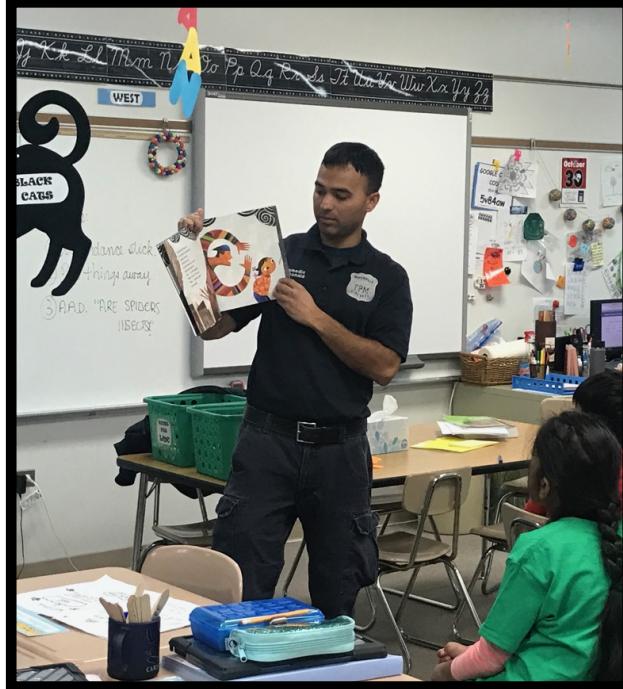


The other 46 fire incident types include: construction/demolition, landfill fire, outside gas/vapor combustion, road freight/ transportation vehicle, chimney/flue, outside rubbish, natural vegetation, special outside fire, and outside equipment.

2018 Other Fire Incident Types



# PUBLIC EDUCATION



Fire and life safety education is an essential component of the Naperville Fire Department's mission to promote safe practices through ongoing quality fire prevention and public education programs. Our strategy to reduce fire deaths and injuries is to focus on prevention by identifying and changing unsafe behaviors. The Naperville Fire Department recognizes the most important defense against fire is awareness through education.

The Naperville Fire Department is continually involved in comprehensive, innovative and outstanding prevention programming. Our Public Education Specialist and the Public Education Team, which is 26 members strong, work cooperatively with co-workers, schools, community groups, businesses, volunteer organizations, and individual citizens to provide effective fire prevention programs and promote excellent community relations throughout the city.

The annual Public Safety Open House took place on Saturday, September 29. The Open House is held with the purpose of teaching residents about fire and injury prevention as well as crime prevention strategies to keep themselves safe. Approximately 1,200 residents took part in the open house festivities. Participants could experience the side by side flashover fire demonstration, K9 demonstration, and visit educational tables staffed by members of the Fire Prevention Bureau, 911 center, Crime Stoppers, Naperville Emergency Management volunteers, CERT (Community Emergency Response Team) members, etc.

In 2018, the Department continued to promote health and wellness by hosting its 2nd annual Stop, Drop and Run 5K. The Stop, Drop and Run 5K Run/Walk, held before the Public Safety Open House hosted 100 runners. The Naperville Fire Department in conjunction with Naperville Professional Firefighters for a Cause was able to donate over \$5,000 to the Illinois Fire Alliance's Camp 'I am Me,' a burn camp for child burn survivors.

In 2018, the department held a graduation for its 23rd Citizen Fire Academy class. The academy was started in 2001 to give residents insight into the different facets of the Naperville Fire Department. The 8-week class allows participants the ability to experience what it takes to be a firefighter/paramedic with the Naperville Fire Department. Academy topics include air pack training, hose, and ladders, water rescue, search and rescue, hazardous materials, EMS, auto extrication, etc.

Community Risk Reduction (CRR) is the identification and prioritization of risks followed by the coordinated application of resources to minimize the probability or occurrence and/or the impact of unfortunate events.

On August 22, 2018, in an effort to develop a CRR Strategic Plan, the department conducted its first CRR Strategic Planning meeting with key external stakeholders, that directly impact Naperville's citizenry. During this meeting, the risks that affect the community were identified, prioritized and extensive discussion was initiated on how to implement programs to reduce the risk to the community.

The external stakeholder group consisted of representatives from the following organizations:

Edward Hospital	Indian Prairie School District 204
Naperville Chamber of Commerce	Naperville School District 203
Naperville Senior Citizen Task Force	Naperville City Manager's Office
Naperville Police Department	Little Friends
Illinois Fire Safety Alliance	Naperville Park District
Kids Matter	Motorola
Illinois Fire Marshal	360 Youth Services
Linden Oaks Hospital	Indian Community
Downers Grove Fire Department	Illinois Fire Chiefs Association

Three objectives of the Community Risk Reduction (CRR) plan included:

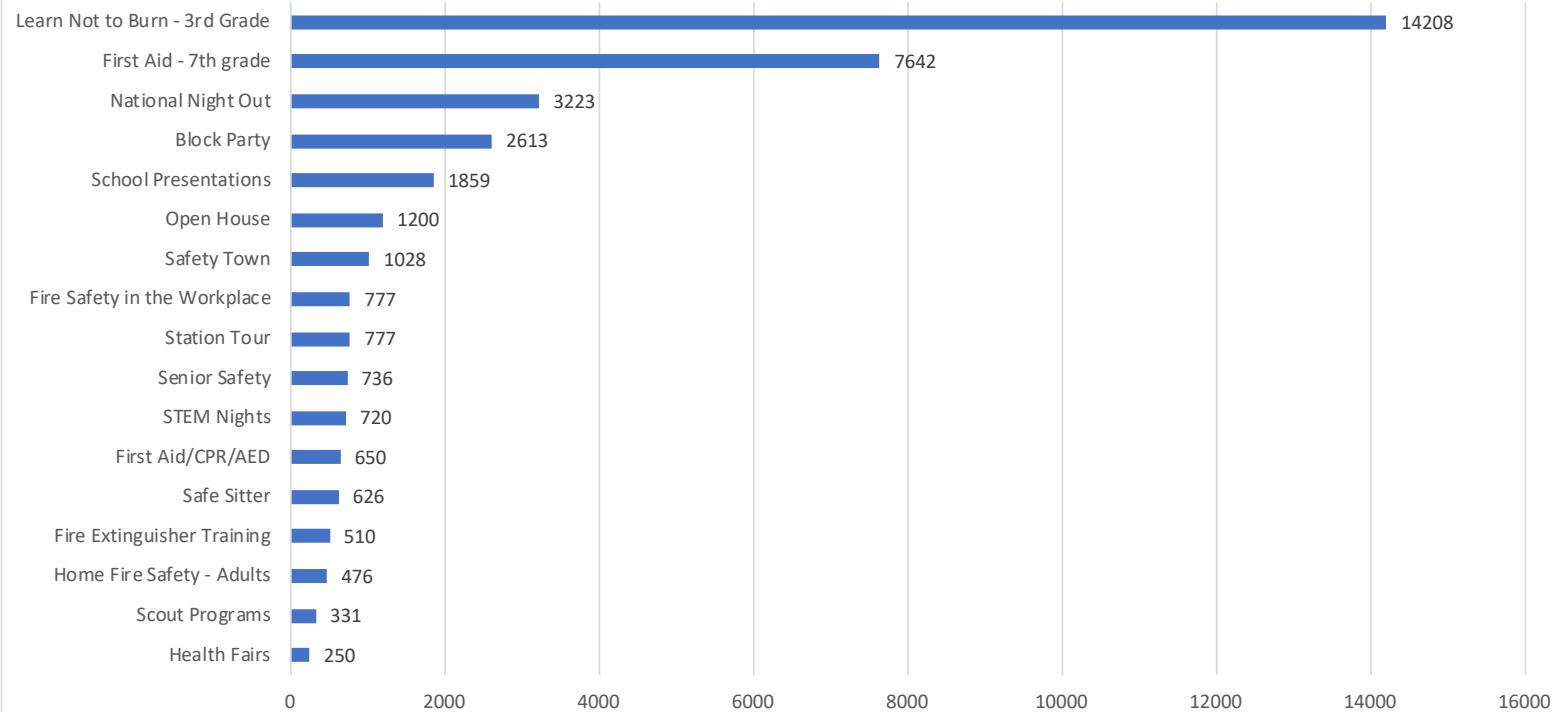
- Identifying risks in the community
- Prioritize the community risks
- Implement and develop plans to reduce the risk to the community

At the conclusion of the meeting, four areas were chosen as items that could be addressed almost immediately. These included:

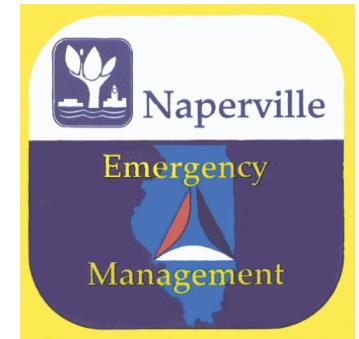
- Drug drop off cards
- Electronic signs for accident prevention
- Home safety inspections
- Video to market Community Risk Reduction



## 2018 Public Education Programs (number of people reached)



# 2018 Emergency Management Accomplishments:



2018 was a very active year for Emergency Management. The major initiatives were:  
Management of the \$1.37 million Complex Coordinated Terrorism Grant with Aurora.  
Conducting a Joint Counterterrorism Awareness Workshop. A two-day workshop with national experts identifying gaps in the region to help us better prepare. This workshop took over a year of planning and involved over 200 individuals.

Naperville Emergency Management was requested by State Emergency Management to assist with evaluation, testing, and deployment of the State wide Crisis Management Software WebEOC. Naperville also hosted training for all of DuPage, Lake, and Cook County emergency management agencies on WebEOC.

## Conducted or participated in multiple exercises in 2018:

- WebEOC State Functional Drill January 2018 – simulated tornado requiring damage assessment, debris management, mass care/sheltering, and loss of critical infrastructure
- State Wide Tornado Drill March 2018 – tornado watch, warning, and shelter in place  
Ribfest Table Top Drill June 2018 – Weather Procedures, Abducted Child, Active Threat  
Last Fling Table Top Drill July 2018 – Weather Procedures and Active Threat, exercise coordinated with City of Aurora Police and Fire
- North Central College Table Top Drill November 2018 – Sports Van crash
- Regional Hospital Table Top Drill October 2018 -High School football game bleacher bombing and active shooter.
- Tornado Drills at multiple elementary schools, universities, and businesses in Naperville
- 

## Classes hosted:

Illinois Emergency Management Exercise Design  
Command and General Staff  
Active Shooter Incident Management

Emergency Management was awarded support from the Department of Homeland Security National Exercise Division for a functional exercise in spring 2019 and a full scale exercise in 2020. This will provide national experts to assist with creating, executing, and evaluating two very large exercises for the region.

Community Emergency Response Team conducted two classes for the public and supported multiple community events including churches, scouts, and neighborhood organizations.

Naperville Emergency Management Agency (NEMA) Volunteers had a very active year and continued the downward trend in total hours over the past five years. NEMA has 4 active units Communications, Field, Search and Rescue, and Weather.

<b><u>2014</u></b>	<b><u>2015</u></b>	<b><u>2016</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>
7,624	7,450	5,503.9	4,472.9	2,992

The number of active volunteers also declined in 2018 from 55 at the start of the year to 46.

The NEMA Communications Unit, in cooperation with the NEMA Weather Unit, provided weather interpretation for public safety officers and organizers for Ribfest and Last Fling, which saw several days affected by dangerous weather. Beyond that, weather-wise it was a relatively quiet year, with no really serious weather-related events needing spotters to be called out. We also provided help for visitor services for Mayor Pradel's visitation.

Biweekly training focused on operating as communicators within the newly developed concept of AuxComm (Auxiliary Communications) and Incident Command System. In October, members of the unit activated the comms capabilities of our EOC during Dark Web II, an interoperability exercise organized by ILEAS, IEMA and the State-Wide Interoperability Coordinator. This exercise tested AuxComm capabilities including local and state-wide voice and text messaging. Comms unit members participated in Exercise Prairie Assurance 18, a joint Illinois National Guard and IEMA drill focused on the St. Louis metro area and surroundings.

Members of the communications unit also worked with ILEAS and IEMA officials in developing an "Introduction to AuxComm" course to standardize skills statewide for providing emergency communications support. The first "Train the Trainer" class for this "Introduction to AuxComm" is being given in February 2019, along with the first offering of the course itself.

## **Search and Rescue**

The NEMA Search and Rescue Team participated in eight searches in 2018;

Three of which were for missing persons right here in Naperville.

Three were Mutual aid responses for missing persons in surrounding towns

Two were evidence searches to support law enforcement in neighboring towns.

There were some additional mutual aid requests, but the subject was located before the team fully deployed.

NEMA-SAR also participated in many training events through out the year including a show and tell with the BSA (photo).

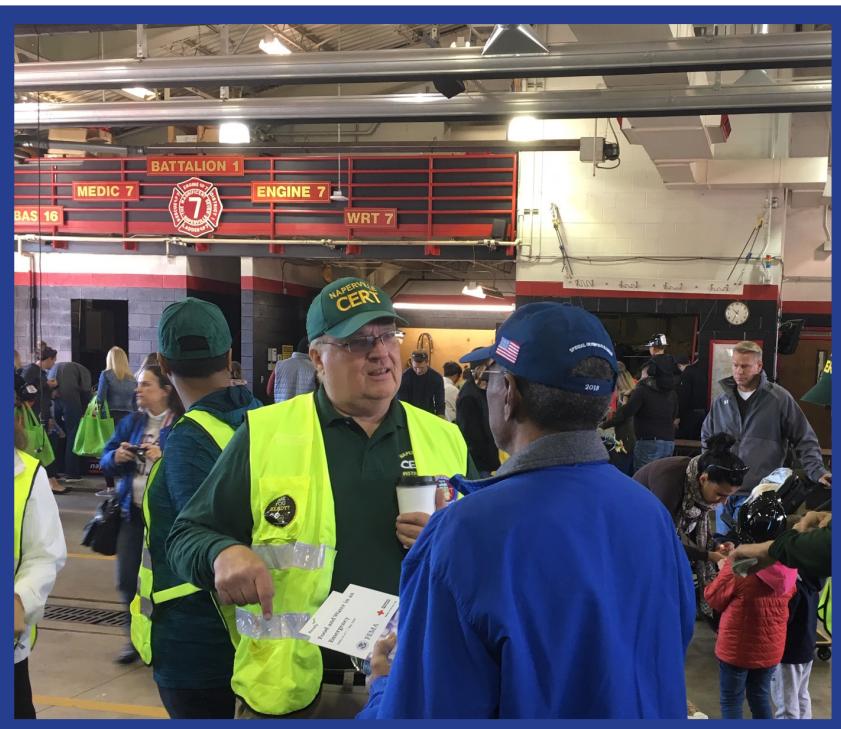
We look forward to being available to assist our community in 2019.

\*\*\*

Even though MOC1 was unavailable for much of 2018, it was utilized twice.

Once for Command Post / warming shelter for a fire event in extreme cold conditions and once as Command Post for a missing person in Naperville.

We are again, waiting for it to return to service (or for a replacement).





# Community CPR/AED

The Naperville Fire Department CPR program generated 95 classes with over 387 hours of training. This included classes taught at the Naperville Safety Town complex as well as off-site classes delivered to community businesses and groups at their complexes. Also, the CPR program embarked on a new and exciting program teaching pet (dog/cat) First Aid and CPR techniques.

The totals of over 387 hours, 95 classes and 650 people trained do not reflect the 171 FD station personnel BLS re-certifications with the recommended 684 hours of training.

PROGRAM	CLASSES	PARTICIPANTS
Family and Friends	6	74
Heartsaver	36	295
Heartsaver/First Aid	12	86
First Aid	9	26
BLS	26	133
Pet CPR/First Aid	6	36
Fire Department Recertification		171+

# Communications

This year presented the most growth in line with the department's communications systems. The station alerting system was upgraded to include standardized dispatching across all incident types. The upgrade also included light indicators for incident type and station monitoring utilizing a camera system.

Testing has begun for auto en route and auto on scene capabilities with a trial of two response vehicles out of our fire station 7. Once adjusted to capture an accurate en route time the project will roll out to all response vehicles with the objective to standardize and capture the most accurate turn out and response times. Once successful across all response vehicles the department will transition into a closest response vehicle dispatching system.

Our Public Safety Answering Point upgraded the CAD system and will look to transition to next generation 911 and First Net Communications in the next two years.

The current radio system provides communications over an Open Sky trunked radio frequency with mutual aid communications occurring over an Interagency Fire Emergency Radio Network (IFERN). The department continues to look for improved coverage along the Ogden Avenue Corridor. VTACs are currently utilized with very good success at all incidents to ensure adequate coverage. A recent "communication continuity" plan was discussed with our mutual aid partners to include the use of a mobile radio system in line and trunked directly to our FD-1 and FG- radio channels. Once implemented this will allow our mutual aid partners to communicate with Starcom radios directly to these two designated radio channels. This project will improve communications with our closest mutual aid partners.



# Honor Guard



The Naperville Fire Department Honor Guard proudly continues the tradition of representing the men and women of the Naperville Fire Department and Naperville Professional Firefighters Union L4302. The Honor Guard responds to funerals of current and former members of the Naperville Fire Department, as well as departments throughout Illinois and surrounding States. In addition to funeral duties, the team is responsible for presenting and maintaining the colors of the Naperville Fire Department and L4302 for parades, celebrations, and memorials. 2018 was again a busy year for us. In January, we had fifteen members attend the 26th Annual AFFI Honor Guard Induction Ceremony held in Peoria. We continued with a comprehensive training schedule hosting six department training sessions and one state sanctioned training. Members attended additional Honor Guard drills throughout the state totaling over 2000 hours of training for the year.

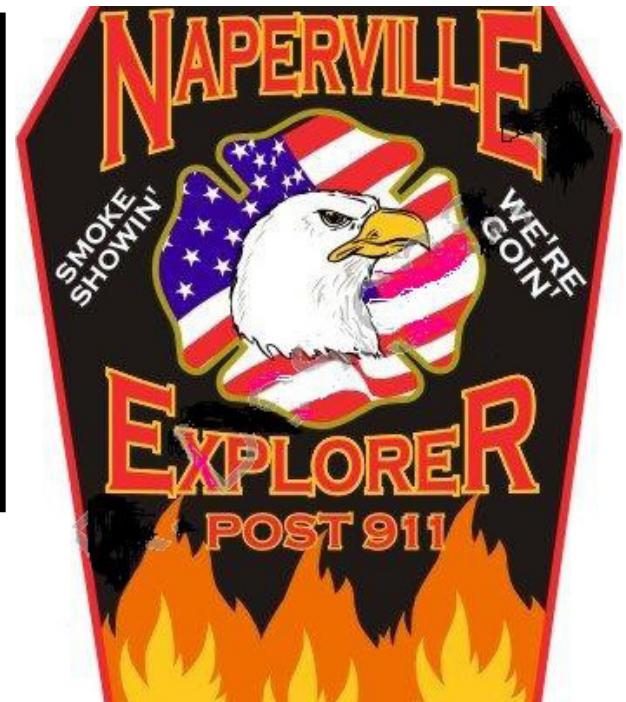
The Honor Guard annually remembers our own at the Naperville Fallen Firefighter Memorial ceremony and participates in multiple local civic events such as CAPS, Memorial Day Parade, St. Patrick's Day Parade, St. Baldrick's Fundraiser, and the September 11th Remembrance Service. Additionally, the Honor Guard participated in two promotional/swearing in ceremonies, and the walk-outs of numerous retiring department members. Sadly, we laid to rest four of our own in 2018. The Honor Guard, in conjunction with numerous current and former members of the Naperville Fire Department, paid tribute to, and laid to rest, Retired Firefighter Paramedic Myles Bryl, Retired Captain William Khurt, Retired Assistant Fire Chief Donald Faulhaber, and Retired Battalion Chief Terrance Jelinek. The Honor Guard also worked closely with the Naperville Police Department's Honor Guard to assist with the funeral services for Mayor Emeritus A. George Pradel. Members also attended multiple events throughout the State as representatives of the NFD/L4302 Honor Guard, including the Illinois Fallen Firefighter/Medal of Honor Ceremony, 100 Club of DuPage Dinner, and Honor Flight Chicago.

# EXPLORER POST #911



Explorer Post #911 was established in 1992 to offer young men and women an insight to the field of fire and EMS. At the same time, the post members provide services to the fire department and the community while also keeping in step with the Exploring guidelines set forth by the Boy Scouts of America.

The Explorers meet bi-weekly at Naperville Fire Station No. 4 from 7 – 9 p.m. to "explore" the inner workings of the Naperville Fire Department and the jobs of its firefighters/paramedics. Training covers hose line advancement, ladders, ventilation, search and rescue, fire behavior, water supply, salvage and overhaul, extinguishers and EMS.





## section three **OUR MOTIVATION**

# CITY OF NAPERVILLE JUST THE FACTS

**CITY POPULATION**  
(2018 ESTIMATE)

**147,841**

**Demographics (as of the 2018 Partial Special Census):**

White - 76.5%

Asian - 14.9%

Hispanic or Latino - 5.3%

Black - 4.7%

**Median Age:** 35

**Median Family Income:** \$127,554 (via 2010-2014 ACS)

**Median Household Income:** \$109,512 (via 2010-2014 ACS)

**Housing Value:** \$377,900 (via 2010-2014 ACS)

**Total Housing Units:** 53,408 (internal source, 2015)

**Size in Square Miles:** 39.40 (2016)

**Persons per Square Mile:** 3708.8 (2016)

**Distance from Chicago:** Approximately 30 miles



Alarms.org Safest Cities in America List (2017 – No. 41)  
America's 50 Best Cities to Live List – 24/7 Wall Street (2017 – No. 7)  
Best Cities to Live In (No. 2) – Niche.com (2017)  
Best Cities to Raise Kids in the U.S. (No. 14) – (2017) – Alarms.org  
Livability.com Top 100 Best Places to Live 2017 (ranked #37)  
Safest City (No. 1) – (2015, 2016 and 2017) – Niche.com  
Safest City in America (No. 1) – (2017) – Homes.com



# 9/11 MEMORIAL

For some generations, there are historical events so compelling that they become touchstones - marking a life before and after the event. Most Americans today can remember where they were on the morning of September 11, 2001. For those in the Fire Service, September 11 was - at its most basic level – an acknowledgment of the dangers faced by firefighters each day. For many of us, it was a somber reflection on the jobs we do, and our preparation to fulfill those responsibilities. It was a reassessment of the potential for danger that faces firefighters, and a chance to reaffirm our commitment to the profession chose us. On that day, 343 firefighters perished in service to their community. Since that day, we have closed ranks with them, with determination and dedication to our own communities. Theirs was a sacrifice unprecedented in the history of the fire service, and we rightly acknowledge and honor their courage, duty, and commitment.

# NPFFC

## Naperville Professional Firefighters for a Cause



The Naperville Professional Firefighters for a Cause is a 501c.3 non-profit organization that was born from the desire of the brothers and sisters of the Naperville Professional Firefighters Local 4302 to do something more for the community they serve.

The mission of the NPFFC is to seek out reputable organizations and charitable efforts that are serving the greater good in the Naperville community. We strive to serve in partnership with these organizations in their respective missions.

Our general activity is based in, but not limited to, raising funds and awareness in an effort to support our partner non-profit organizations. Previous beneficiaries have included St. Baldricks, Camp I Am Me Burn Camp, MDA, Turning Pointe Autism Foundation, Naperville Responds for our Veterans, and Loaves & Fishes.

The Naperville Professional Firefighters for a Cause had a number of highlights over the course of 2018. NPFFC has a goal to aid as many organizations as possible so that they may accomplish their mission for the people they serve.

### Meeting Objectives:

- \* March 2018 St. Baldrick's raised \$71,000 for Pediatric Cancers
- \* \$6700 was donated to the Muscular Dystrophy Association
- \* \$5,000 was donated to Naperville Responds For Our Veterans
- \* \$5,000 was donated to Illinois Fire Safety Alliance's "Camp I Am Me" (Burn Camp)
- \* 8,400 pounds of food collected for Loaves and Fishes and over 900 clothing items donated to various organizations via the Firehouse Food Fight.



