



WARRENVILLE FIRE PROTECTION DISTRICT



**Annual Report
2021**

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Message from the Fire Chief, Andrew Dina

On behalf of the men and women of the Warrenville Fire Protection District, I am proud to present our 2021 annual report.



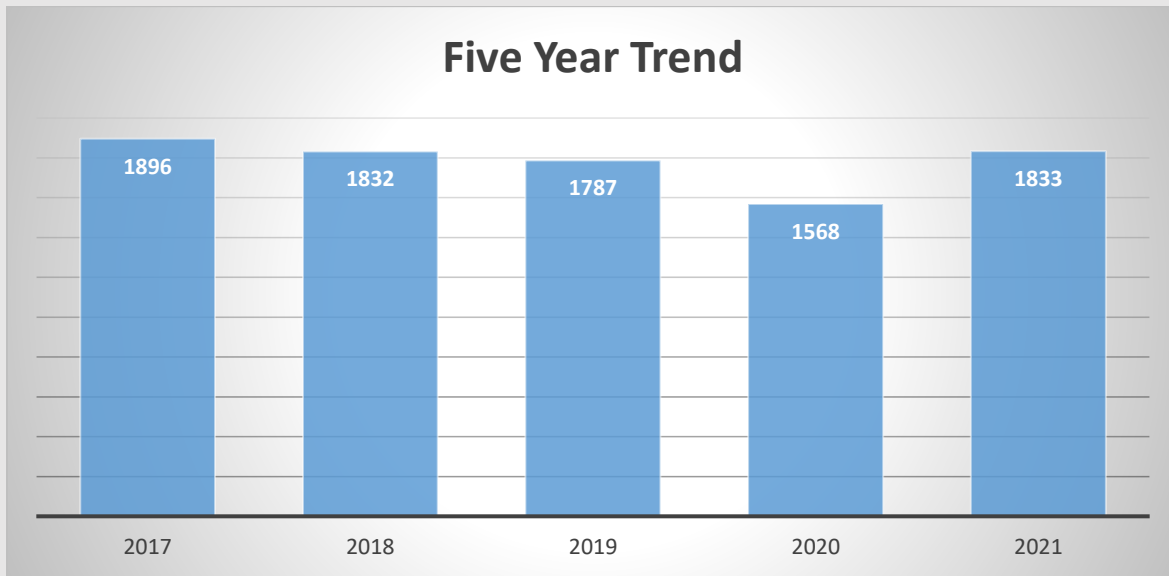
As we close out another year, I continue to be impressed and humbled by the level of services our men and women provide to those who live, work, and spend quality time within the Warrenville Fire Protection District boundaries.

2021 continued to challenge us with the constantly evolving COVID-19 pandemic, while weekly testing, vaccinations, and crisis-mode staffing became a part of our everyday work routine. As challenging as it was, the Warrenville Fire Protection District continued to provide the high level of emergency services that our community has come to expect. Like many public safety agencies throughout the country, the Warrenville Fire Protection District has struggled to maintain staffing partly due to a national shortage of paramedics as well as a record number of firefighter/paramedic job opportunities available in the area. In the calendar year 2021, Warrenville hired twelve new full-time, part-time, and paid-on-call Firefighters/EMT's and Firefighters/Paramedics, only to have nine of them leave due to retirement or resignation. 2022 is a new year and our plan is to add an additional three full-time firefighter/paramedics to our staff in order to maintain effective staffing levels.

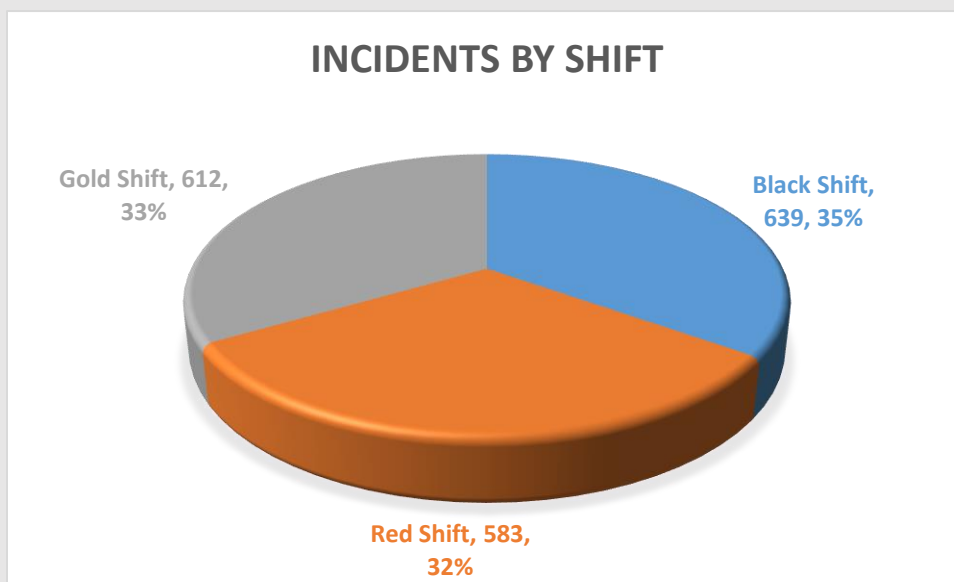


2021 Responses

In 2021, as the area began to emerge from the pandemic, the Warrenville Fire Protection District witnessed a significant increase in call volume as compared to the previous year. We can attribute this increase to people getting out of their homes, back into the community and workplace. As well as an increase in our population with the addition of several new residential and commercial developments such as Everton townhomes and apartments, Lexington townhomes, Arden apartments, Horizon Senior Living, Culver's, and Thornton's to name a few. We are predicting a continuous increase in call volume as these developments reach full capacity while others such as Westlyn apartments begin occupying their facility in 2022.

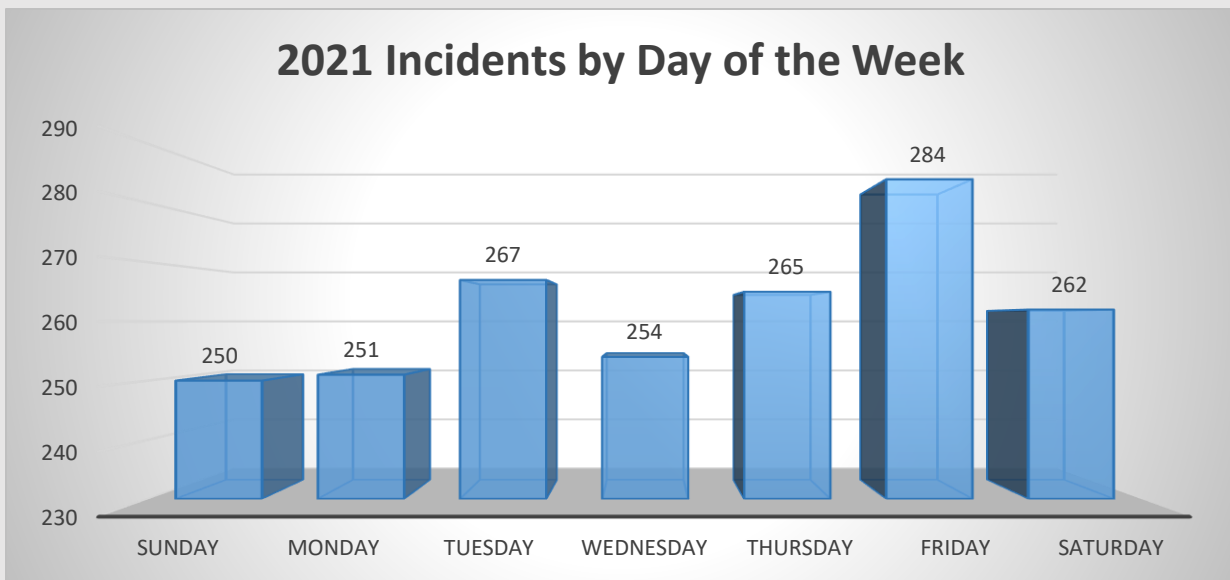
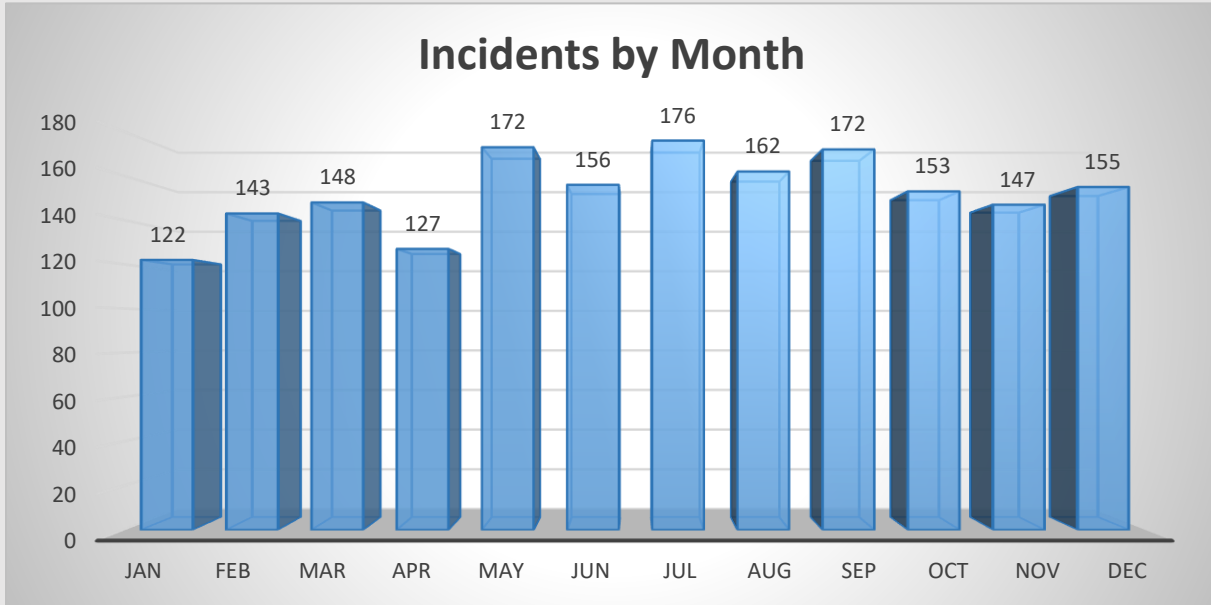


This past year reflects the second busiest year in the history of The Warrenville Fire Protection District and represents a 17% increase in calls from the previous year.



2021 Responses continued

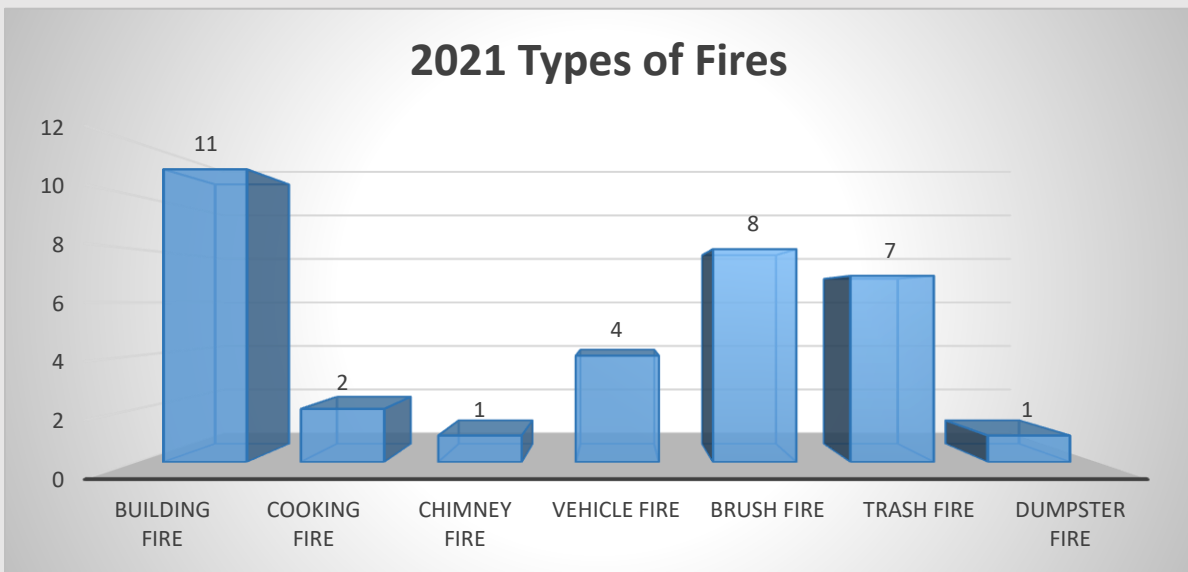
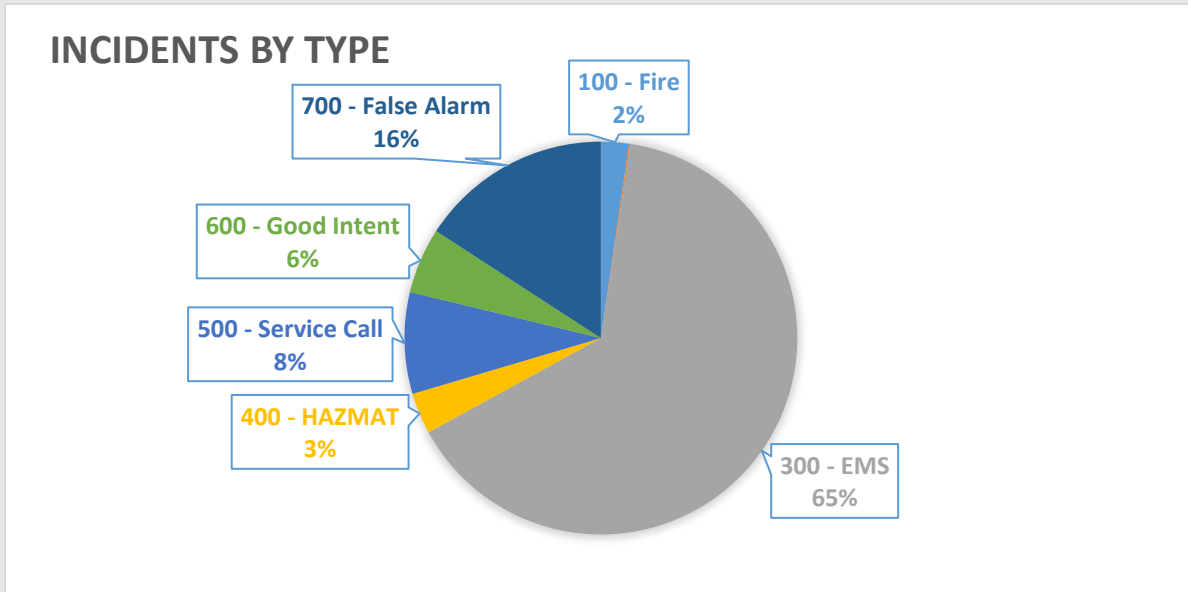
The charts below reflect the frequency in which incidents occurred by month and day of the week.



2021 Responses continued

The Incidents by Type chart is a broad breakdown of all calls and is utilized to help the organization forecast training, equipment, and response needs. This information follows the reporting standards classified within the National Fire Incident Reporting System (NFIRS).

Examining the type of incidents helps the organization understand the workload and services provided, which is critical for establishing appropriate staffing levels and necessary resources to meet requests for service.



Response Times

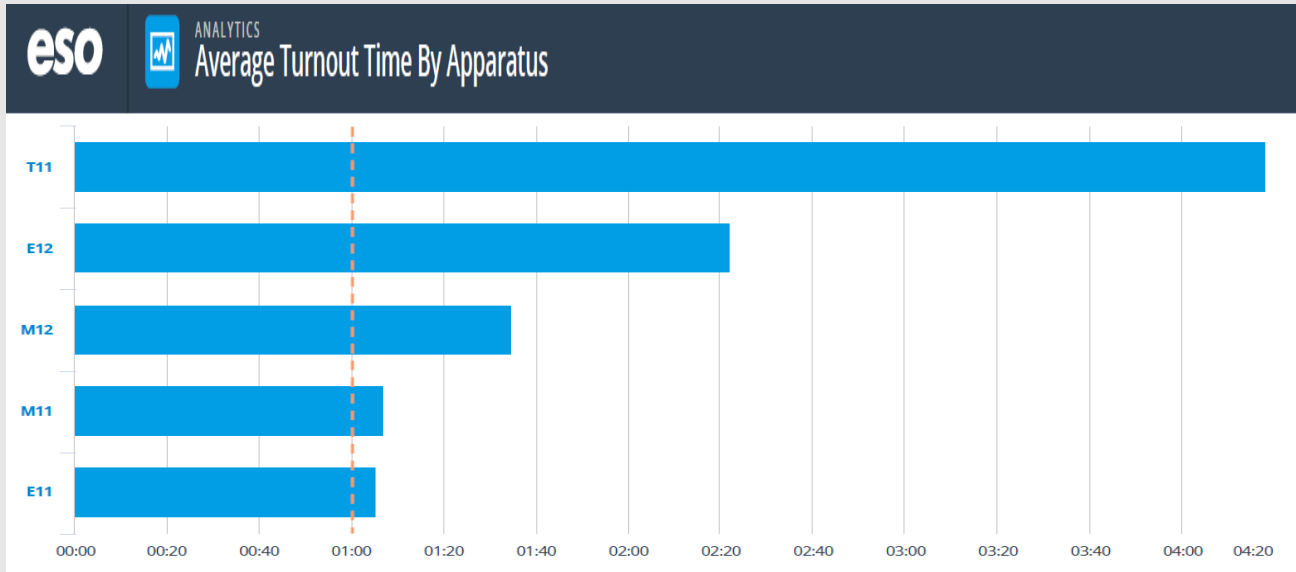
The Total Response Time is measured from the time a call is received at DUCOMM, our dispatch agency, until the first unit arrives on the scene. NFPA 1710, the Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments, establishes an 80 second “turnout time” and a 240 second “travel time” benchmark for not less than 90% of dispatched incidents for a “total response time” of 5 minutes and 20 seconds. The chart below reflects emergency calls only.

Minutes	Emergency Calls	Percentage
Under 1	94	5.1
2	85	4.6
3	263	14.3
4	482	26.3
5	436	23.8
6	216	11.8



Response Times continued

The chart below reflects average turnout time by apparatus.



T11 = Tower 11

M12 = Medic 12

E12 = Engine 11

M11 = Medic 11

E11 = Engine 11

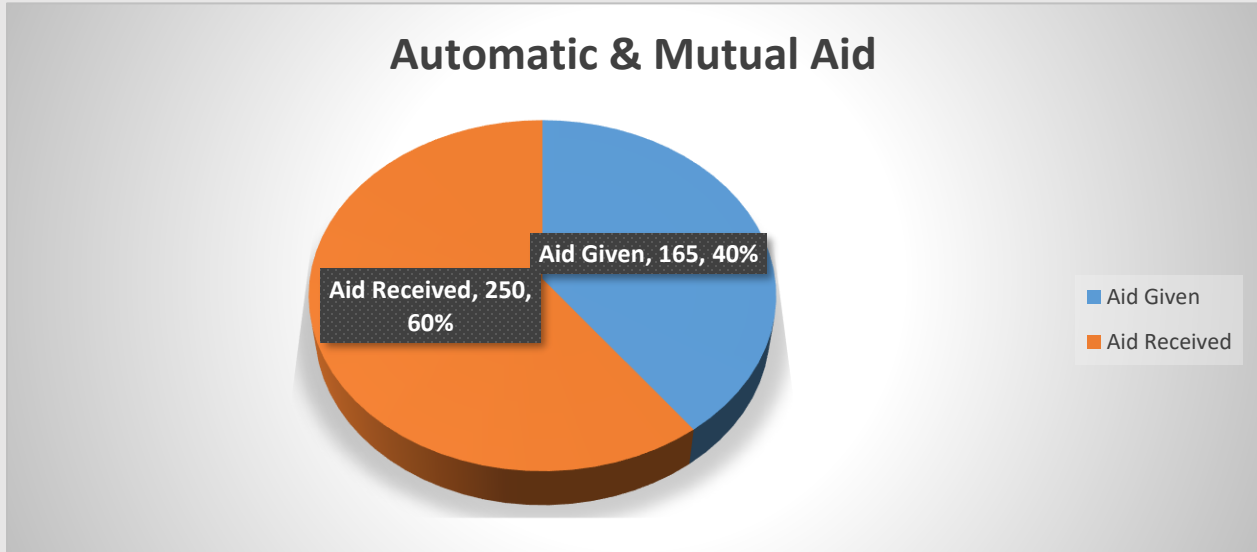
Turnout time is measured as the time from when personnel are alerted to an incident by the communications center until the apparatus starts responding. Contributing factors that may affect times include differences between when the call is considered dispatched and when the crew has the information for the call type. To help decrease this time delay, the station alerting system is linked directly to DuPage Public Safety Communication (DuComm).

A response to a request for service is a coordinated effort that varies based on the nature of the call and the equipment needed. Response times are used to determine the effectiveness of an emergency response. These times have an effect on the amount of property lost, smoke damage, or the survivability of occupants that may be trapped inside a structure.

ANNUAL TURNOUT TIME (MM:SS)	01:15
TURNOUT TIME (<01:00)	50%
AVERAGE 1ST APPARATUS TURNOUT TIME (MM:SS)	00:54
90TH PERCENTILE 1ST APPARATUS TURNOUT TIME (MM:SS)	01:46



Mutual Aid Box Alarm System (MABAS)



The Warrenville Fire Protection District is a member of the Division 16 Mutual Aid Box Alarm System (MABAS). MABAS Division 16 consists of five member agencies, and one associate member. The Warrenville Fire Protection District receives and provides aid to stricken communities in the form of apparatus and manpower.

DIVISION 16 MUTUAL AID BOX ALARM SYSTEM MISSION STATEMENT

To coordinate the effective and efficient provision of mutual aid during emergencies, natural disasters, or man-made catastrophes.

To provide mutual support to all Division 16 members and participating agencies in order to deploy the best possible safe and effective services to all we serve.

DIVISION 16 MUTUAL AID BOX ALARM SYSTEM VISION STATEMENT

To be capable of supporting our emergency response community, and be secure and confident in our ability to provide the best fire prevention and protection, emergency medical and specialized services, and matters of homeland security.

DIVISION 16 MUTUAL AID BOX ALARM SYSTEM VALUE STATEMENT

Division 16 believes;

In our people...

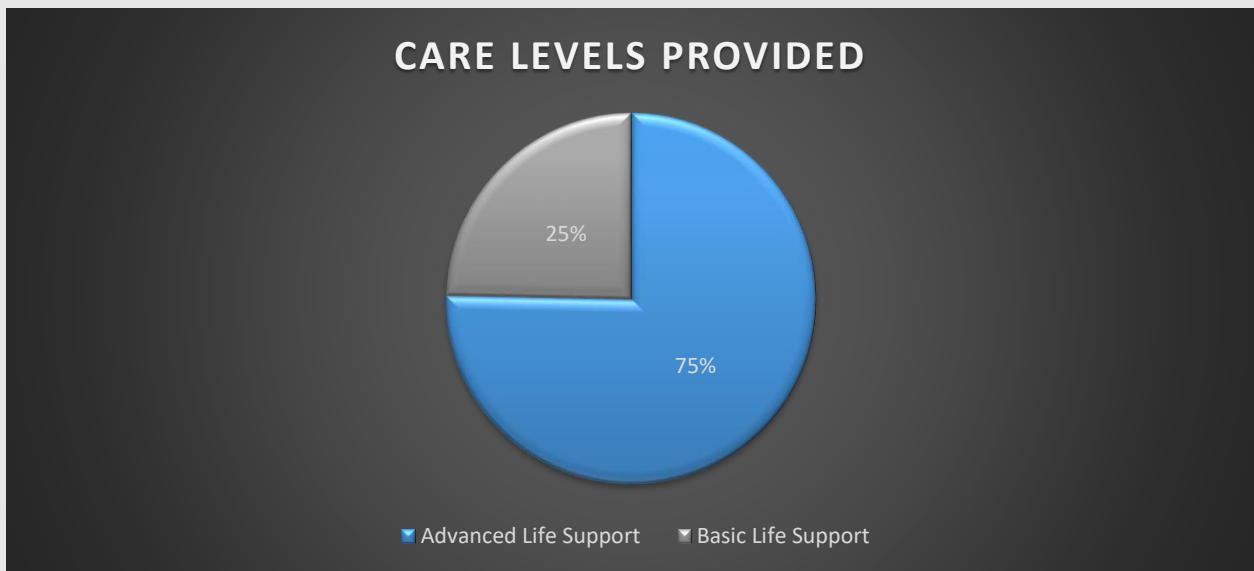
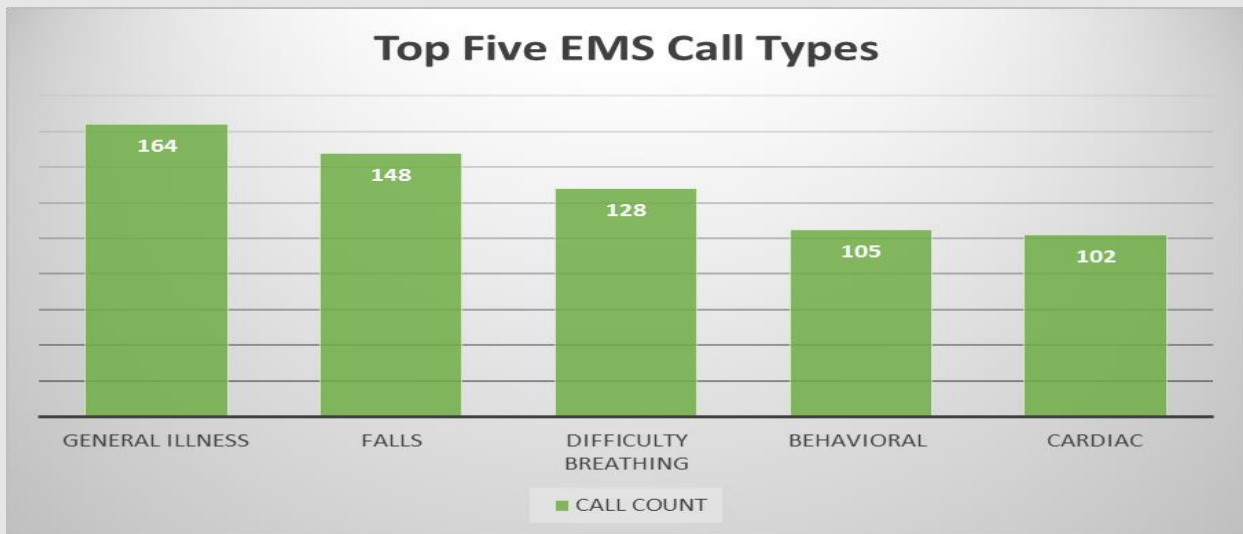
That we can attain our goals through trust, respect cooperation, ethics, and superior customer service.



Emergency Medical Services (EMS)

The Warrenville Fire Protection District responded to 1,143 EMS incidents in 2021. These incidents included ambulance requests for cardiac and other medical problems, trauma, mutual-aid requests, and various other potentially life-threatening emergencies.

EMS incidents in 2021 represented 62.3% of the Warrenville Fire Protection District’s total response. All firefighters are licensed by the Illinois Department of Public Health as either an EMT-Basic or EMT-Paramedic, providing advanced life support (ALS) and basic life support (BLS) emergency medical care to the citizens and visitors of Warrenville. The department is part of the Edward Hospital Emergency Medical Services System. The system ensures that paramedics are properly trained, and that victims of injury or illness are assessed, treated, and transported to local Emergency Room Departments in a timely manner.



Administrative Report

- Successfully awarded the following grants:
 - Assistance to Firefighters Grant (AFG) \$90,727.00 to purchase a source capture exhaust removal system to help remove cancer-causing exhaust fumes from inside the station.
 - Illinois Public Risk Fund \$16,558.00 towards technology upgrades to our training room
 - Illinois American Water \$1,000.00 firefighter grant to purchase portable scene lighting for our engines and ladder truck.

- Promotions
 - Captain Joseph Levy to the rank of Assistant Chief
 - Lieutenant William Zabler to the rank of Captain
 - Lieutenant Dominic Tosto to the rank of Captain
 - Firefighter EMT Robert Ingram to the rank of Lieutenant
 - Firefighter Paramedic Michael Vaughn to the rank of Lieutenant
 - Firefighter Paramedic Bryan LaForge to the rank of Lieutenant

- New Hires
 - Firefighter Paramedic Dylan Hughes
 - Firefighter Paramedic Steven Gutierrez
 - Firefighter Paramedic Geovanny Rivera
 - Firefighter Paramedic James Reavy
 - Firefighter Paramedic Christopher Volpe
 - Firefighter Paramedic James Yager
 - Firefighter Paramedic Zachary Archbold
 - Firefighter EMT Edward Clark
 - Firefighter EMT Joseph Dina
 - Firefighter EMT Andrew Janiec
 - Firefighter EMT Chase Nichols
 - Firefighter EMT Mohammed Sharif
 - Financial Analyst Amber Nadeau
 - Administrative Assistant Jenna Johnson

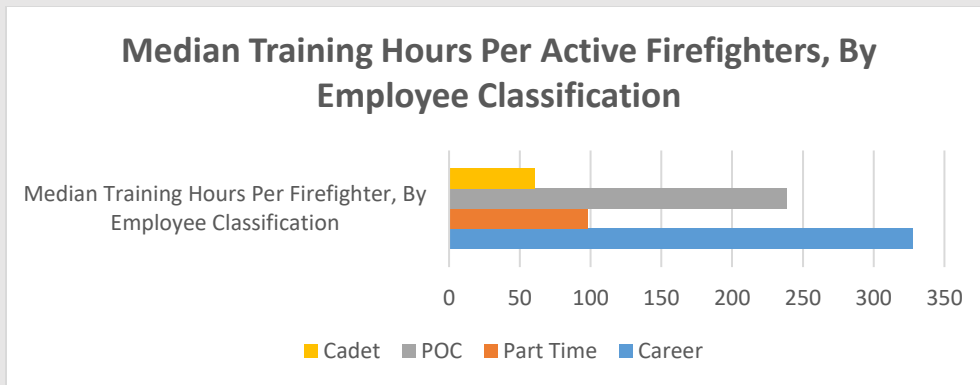
- Assistant Chief Joseph Levy received a master's degree in Public Safety Management
- Implemented a new website that can be managed in house
- Created a Financial Analyst position to monitor and track payroll, finances, and budgets
- Implemented ESO record management system that provides a powerful platform for data analytics
- Worked with DuPage Forest Preserve to put on a one day functional exercise which included participation by several outside agencies



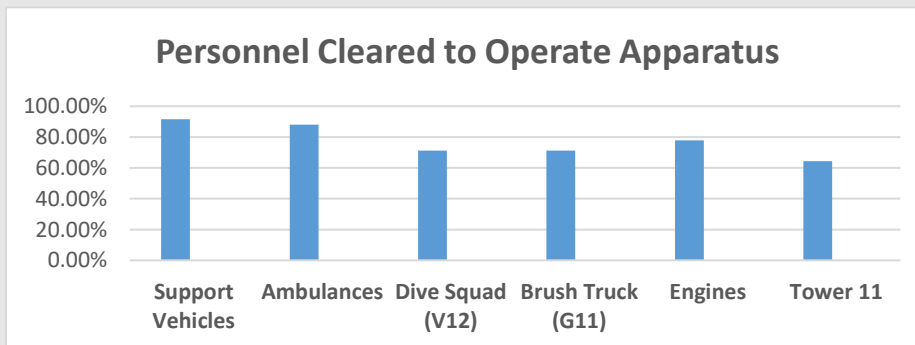
Training

In 2021, fire district members completed an outstanding 12,512 hours of training. Broken down by member classification:

- Career personnel accumulated a total of 4,627 training hours for 2021. Of which 3,317 hours are from employees still active at the end of 2021. 1,310 hours were accumulated by employees no longer with the District. This represents 56% of total training hours lost due to personnel turnover.
- Part time personnel accumulated a total of 1,834 training hours for 2021. Of which 950 hours are from employees still active at the end of 2021. 884 hours were accumulated by employees no longer with the District. This represents 38% of total training hours lost due to personnel turnover.
- Paid On Call personnel accumulated a total of 5,817 training hours for 2021. Of which 1,650 hours (28%) are from five new personnel attending the fire academy, and completing EMT licensure training.
- Cadet personnel accumulated a total of 235 training hours for 2021.
- Administrative personnel accumulated a total of 880 training hours for 2021
- Trustees and Commissioners accumulated a total of 23 training hours for 2021.

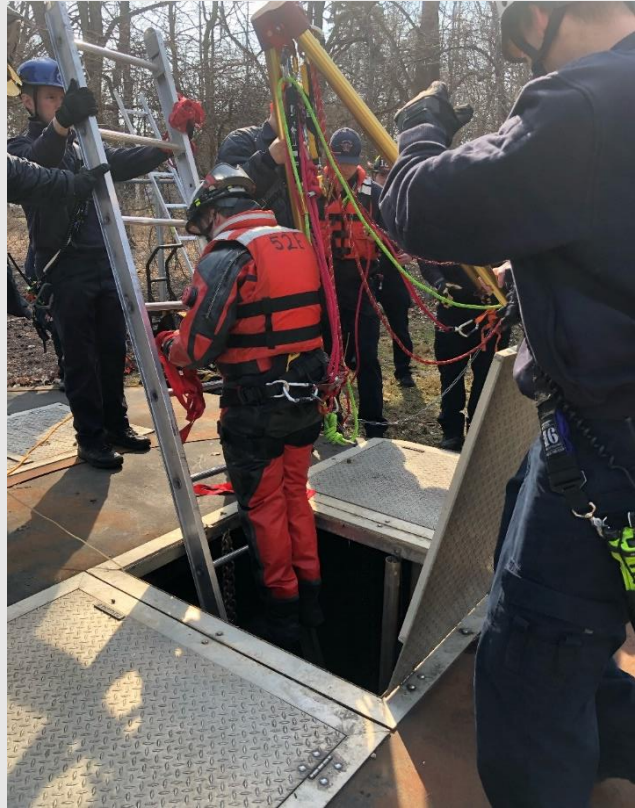


A significant loss of training hours, and a reduction of about 15% in the average training hours for career employees was seen in 2021 due to a 50% turnover rate. Career, & POC personnel had an increase in training hours in 2021. Part-time personnel saw a decrease in training hours; this was largely due to a 40% turnover rate of part-time personnel.



Technical Rescue Team (TRT)

Technical Rescue in the Warrenville Fire District is supported by membership that carries all the technician level certifications under the discipline of Technical Rescue (Rope Rescue, Trench Rescue, and Confined Space Rescue & Structural Collapse). Several of our members have some of the required certifications and would be valuable during an incident. The District currently does not support its own team, but works with its neighboring departments in Mutual Aid Box Alarm System (MABAS) Division 16. Division 16 is made up of members from Bolingbrook, Downers Grove, Lisle-Woodridge, and Naperville Fire Departments. Training is provided at the MABAS division level on a monthly basis, with the topic rotating through the discipline and the hosting department. In 2021, the COVID-19 Pandemic continued to hinder the opportunities to train. The last quarter of the year saw an ease in restrictions and the Division Team was able to meet and conduct training. In previous years, membership has attended an average of 40 hours of training with the division team.

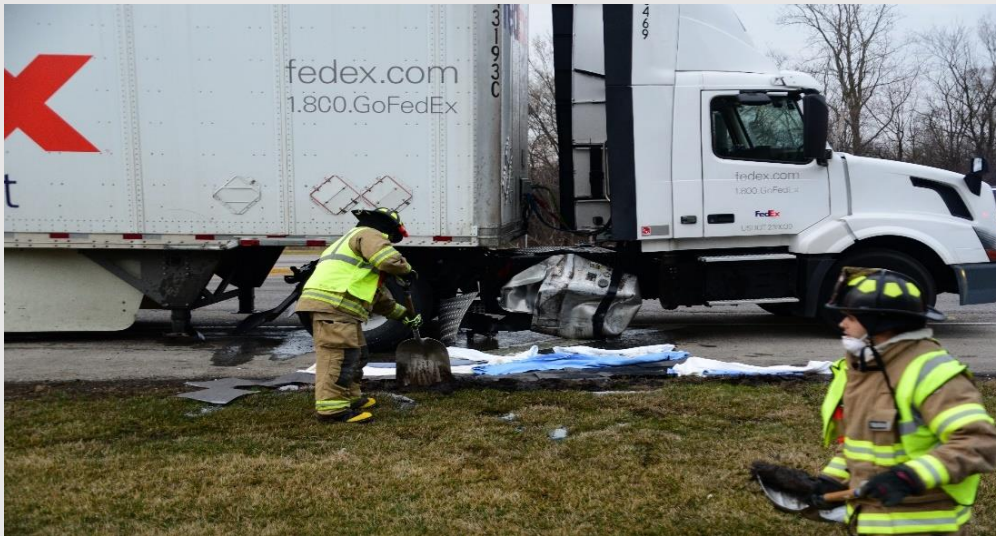


The Warrenville Fire Protection District does own some basic level Technical Rescue equipment and carries the description of an “Operations Level” organization. This equipment and the personnel with Technical Rescue training will be able to make a significant difference awaiting the more specialized equipment coming from the Division 16 Technical Rescue Team. The equipment that the District owns is located on the Tower Ladder. Since 2015, the process of replacing the original cache of equipment has brought us to the point of upgrading and purchasing more specialized equipment.

The Illinois Office of the State Fire Marshal has made requirements to achieve certain hours of training to maintain certifications. Rope Rescue is one of those certifications and is the root of the other disciplines. The District’s training division assisted with obtaining the required hours and exposing personnel to the subject. The training started with basic Knots and Mechanical Advantage Systems used and ended with several scenario-based incidents to acclimate personnel to Command and Operations roles during an incident.



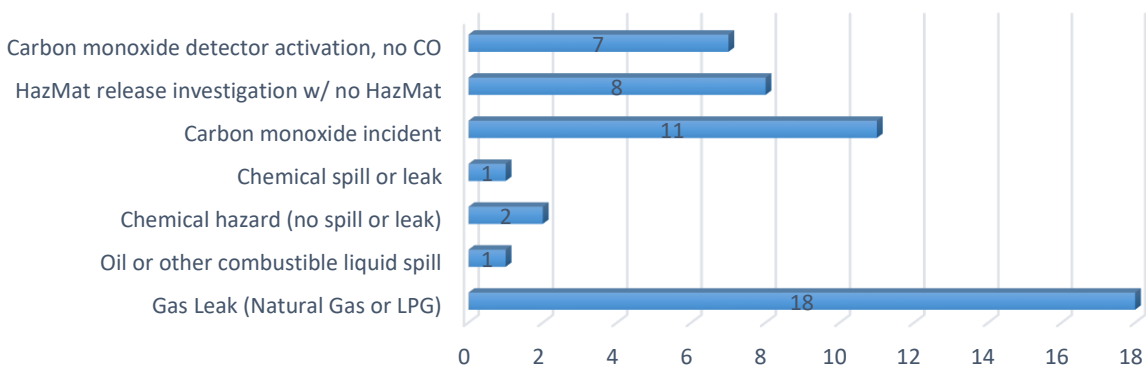
Hazardous Incident Response Team (Haz-Mat)



The Hazardous Materials Response Team is one of the five teams that make up the MABAS Division 16 Hazmat Team. The members are a group of individuals that are specifically trained to handle hazardous materials or dangerous goods, i.e. radioactive materials toxic chemicals and substances, or any hazardous vapors that present an asphyxiating inhalation hazard.

Training helps members maintain a working knowledge of hazard assessment, basic chemistry, atmospheric detection and monitoring, and decontamination.

Hazardous Materials Responses



Significant Incidents

- March 27th - **Div. 16 Hazmat Box Alarm** - Rt. 59 & Butterfield
- September 14th - **Div. 16 IMAT Response** – Bolingbrook



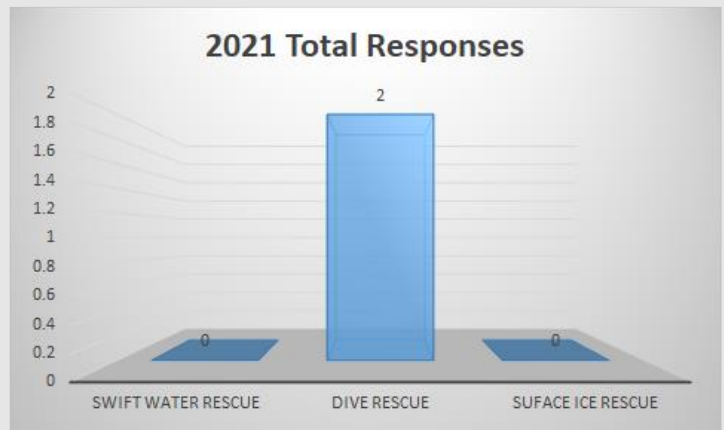
Water Rescue Team (WRT)



The Warrenville Fire Protection District Water Rescue Team provides an advanced service to the community during water rescue operations. The team currently has 7 members that are highly trained in surface, sub-surface, swift/flood waters, and ice rescue. Our members are also part of the MABAS Division 16 Water Rescue Team. Our Water Rescue Team trains once a month to maintain and become proficient in the skills needed to be a water rescue team member. Team members are required to complete an annual swim test which is held at the Summer Lakes Clubhouse pool. This test consists of a 500 yard swim, 15 minute water tread with hands out of the water, 800 yard snorkel swim, and a 100 yard inert diver tow in full gear. Throughout the year, the dive team attended multiple dive drills conducted at Blackwell Forest Preserve where the members trained on search patterns, locating a manikin, rescuing a distressed diver, and much more. In October, The DuPage County

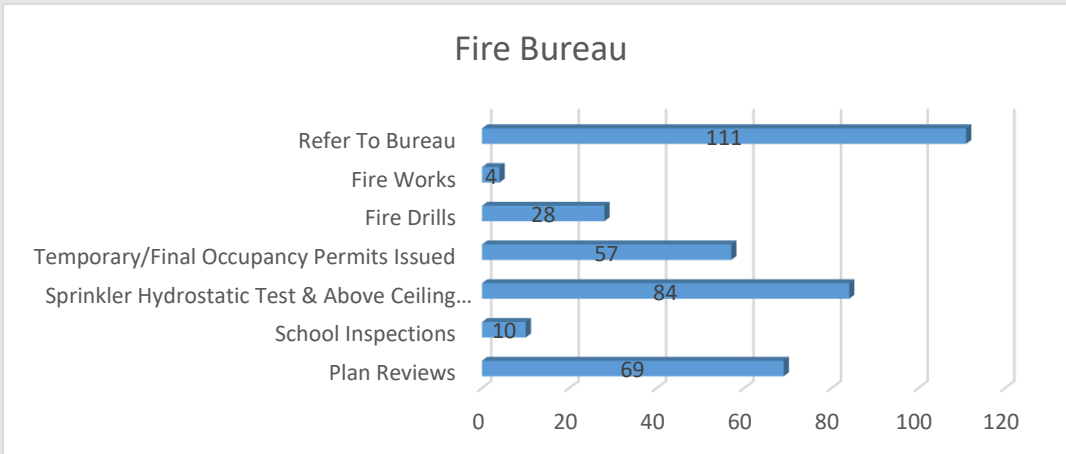
Forest Preserve Police Department hosted an emergency exercise at Blackwell Forest Preserve where our water rescue team members along with other members of the MABAS Division 16 water rescue team performed surface rescues utilizing our rescue boat and sub-surface recovery during a severe weather scenario where multiple victims were in the water.

In 2021, the team responded to two water rescue incidents that occurred outside of the district of Warrenville. Our water rescue divers responded to Naperville to assist them with a vehicle in the water, but we were canceled shortly after responding due to the findings on scene. The other incident was in Westmont for an occupied vehicle in a retention pond. Our divers were standby divers for this incident in the event additional divers were needed. Both of these responses were part of the MABAS Division 16 Water Rescue Team response.



Fire Prevention and Community Risk Reduction

Fire Marshal Carl Voda manages the Fire Prevention Bureau and oversees all aspects of fire prevention and life safety programs. Activities of the bureau include code enforcement, plan reviews, and inspections. Inspections encompass everything from simple remodels to new building construction. The on-duty fire company inspects all occupancies and buildings within the district on an annual basis.

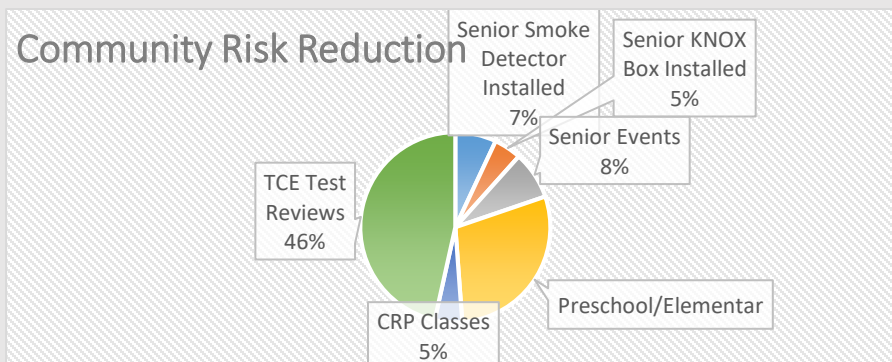


The Fire Prevention Bureau follows the 2015 Edition of the International Code Council (ICC) and the 2015 Edition of the National Fire Protection Association (NFPA) 101 Life Safety Code by ordinance. 2021 continued to be a challenging year as COVID-19 restrictions prevented the on-duty fire company from completing annual inspections. In addition, the bureau reviewed 920 reports for The Compliance Engine (TCE) which is a simple, web-based third-party inspection reporting and maintenance service for code officials to track and drive inspections, testing and maintenance code compliance.

Community Risk Reduction is a process that identifies and prioritizes local risks to the community. The risks that are identified help develop a plan to help reduce those risks and provide an understanding of the profile of the community.

The Fire Prevention Bureau billed \$68,849.90 and collected \$65,219.90 in review and inspection fees in 2021. These totals include outstanding fees from the previous year. \$650.00 in standpipe flush and community fireworks fees were waived.

Fire Investigators assigned to the Warrenville Fire Protection District and DuPage County Fire Investigation Taskforce responded to 10 fire investigation and 5 arson task force callouts respectively.



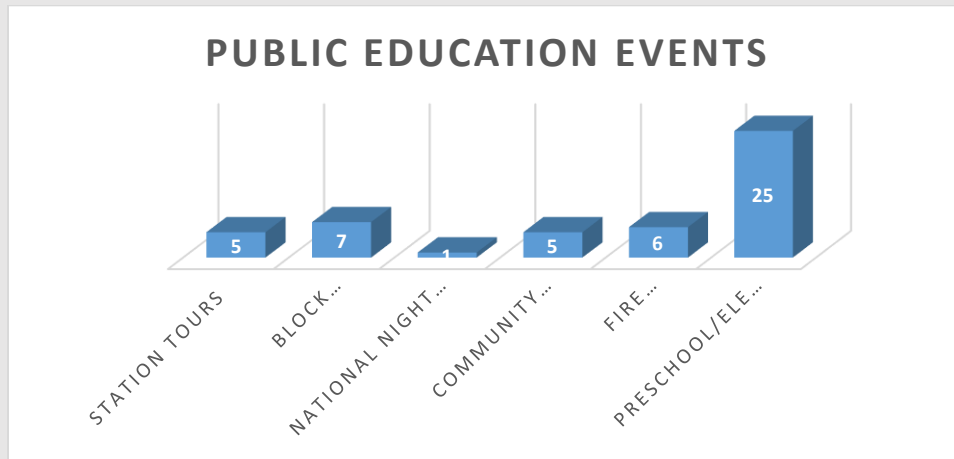
Public Education

The Public Education Division, led by Lieutenant Bryan LaForge, offers a wide range of programs throughout the community. Classes offered focus on a variety of topics tailored to different audiences. Some risk-reduction class offerings include:

- Fire extinguisher trainings
- Stop, Drop, and Roll, Kitchen safety, and Call 911 programs
- National Night Out
- WFPD Open House
- Senior & Law Enforcement Together (SALT) Program



Lieutenant LaForge is assisted in his duties by Firefighter Paramedic Andrew Kloska, who completed the necessary training in 2021. Together, these two individuals taught a total of 198 children, ages 3-5 years old and 417 children, ages 6-10 years old.



The goal of the public education division is to focus on community education, with an emphasis on preparedness and prevention.



Tactical Emergency Medical Support (TEMS)

Metro SWAT of DuPage is comprised of 75 total members. The Metro SWAT is comprised of 1 Commander, 3 Assistant Commanders, 2 Assault Force Commanders, 8 Team Leaders, 8 Assistant Team Leaders, 25 Operators, 6 Forward Observers, 4 Tactical Medics, 7 Tactical Dispatchers, 10 Drivers, and 1 Quartermaster. In 2021 Metro SWAT added 2 Medics, 5 Operators, 4 Drivers, 1 Quartermaster and 2 Dispatchers. Warrenville Fire Protection District currently has one active Tactical Emergency Medical Support Team Member on Metro SWAT, Captain Nic Tosto.



In 2021, Metro SWAT had 33 total activations. This was an 83% increase, up from 18 activations in 2020. The activations included 2 Active Shooters (Bloomingdale and Oak Brook), 19 High Risk Warrants/Apprehensions, and 13 Barricade situations. There has been an increase in violent crimes over the past two years, which is most likely a contributing factor to the drastic increase in SWAT activations.



Logistics

Logistics is responsible for maintaining Warrenville Fire Protection District's main station located at 3S472 Batavia Rd. Due to COVID-19, not many projects were initiated during 2021. A few minor projects that did get started was the renovation of our training classroom. Our intentions are to host fire classes for both Warrenville members along with neighboring towns. The classroom is also used by many clubs as a meeting place. Hopefully 2022 will be a better year and we can complete much needed renovation projects like painting the apparatus bay's ceiling and replacing our hose tower heater. A large project that is to be completed in early 2022 is a new vehicle exhaust system that will eliminate the majority of the diesel exhaust when our vehicles are started inside. The majority of the project was funded by the Assistance to Firefighters Grant.



Exhaust Removal System connected to Medic 11.



Honor Guard

Purpose of the Honor Guard: To provide, as a line of duty death benefit, dignified, honorable services for fallen fire service members and their surviving family members through organization of, and participation in, funeral and memorial services.



The Warrenville Fire Protection District Honor Guard is currently in its 4rd year of service and continues its proud tradition to Honor, Cherish, and remember the men and women of the fire service. The Warrenville Fire Protection District Honor Guard operates under the Associated Firefighters of Illinois State Honor Guard guidelines.

In addition to funeral duties, the Honor Guard is responsible for maintaining and presenting the colors of the Warrenville Fire Protection District and Warrenville Professional Firefighters Union L5036 for parades, celebrations, and memorials.

In October 2021, the Honor Guard was invited to present the colors at the Illinois Fire & Police Commissioners Association Fall Seminar.

Current Warrenville Fire Protection District Honor Guard Members

- | | |
|--|-----------------------|
| Asst. Chief Joseph Levy (<i>AFFI Member</i>) | FF/PM Jamilla Jackson |
| Capt. William Zabler (<i>AFFI Member</i>) | FF/PM Andrew Kloska |
| Lieutenant Michael Vaughn (<i>AFFI Member</i>) | FF/PM Michael Jacobs |
| Lieutenant Joshua Hamman | FF/PM Miguel Luis |
| Lieutenant Mia Ingram | FF/EMT Bryan Kuhter |



Mission

The mission of the Warrenville Fire Protection District is to respond to and mitigate emergencies in a safe and efficient manner. We will serve our community by providing high quality public education, fire prevention, and risk reduction services, all while displaying a high level of respect and compassion for our residents, our visitors and one another.

Vision

Our vision is to pursue excellence in emergency and non-emergency services through continuous improvement in all that we do while honoring the foundation of selfless service, tradition, family values, and fiscal responsibility that our institution was built upon.

Values

Respect

Respect is a guiding value for all members of the Warrenville Fire Protection District. We will treat others in the same way we would like to be treated ourselves. Open and honest communication is key to building a respectful environment in which trust and transparency thrive.

Integrity

Integrity is the foundation on which relationships and trust are built. We are honest with ourselves, with each other and with the community we serve. When faced with difficult decisions and hard choices, we do the right thing even in the face of adversity.

Passion

Passion is the value that drives and motivates us. It is a love for what we do, why we do it, and who we do it with. Passion is the fire that fuels our desire to accomplish great things.

Dedication

Dedication is complete and committed loyalty. It is connecting oneself physically, mentally, and principally to a course of action and seeing it through. It is the last of our core values because without dedication, the other values are meaningless.

The Warrenville Fire Protection District has made remarkable progress this past year. We will continue to adapt to meet the changing needs of the community as we look ahead to the future. We would like to thank the residents of the Warrenville Fire Protection District for their support and the opportunity to provide emergency and life safety services to them.

