

# Warrenville Fire Protection District

Annual Report



# 2022

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## MESSAGE FROM THE CHIEF

On behalf of the men and women of the Warrenville Fire Protection District, I am honored to present our 2022 annual report.

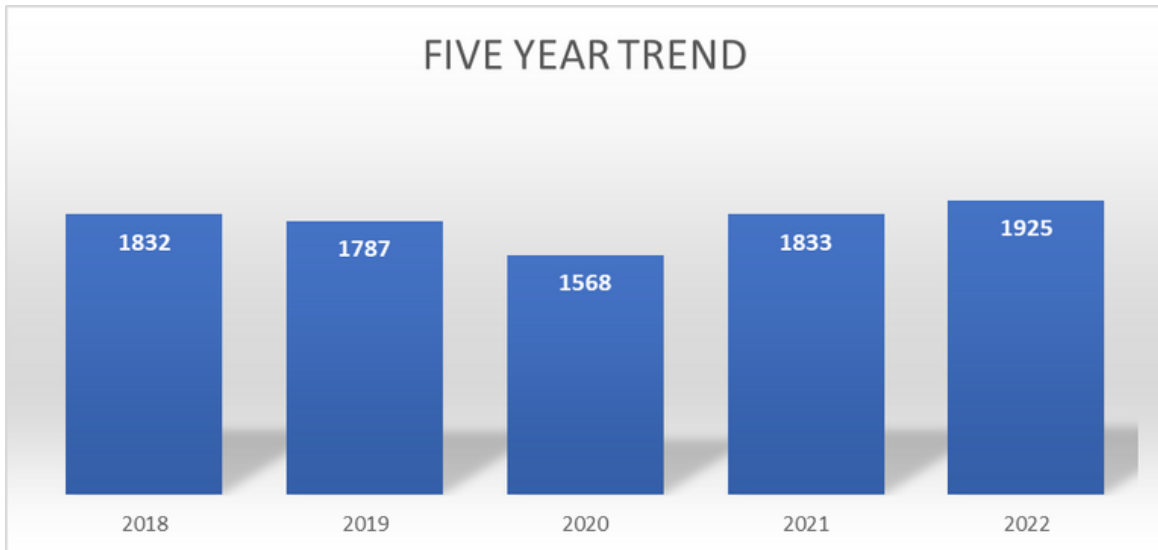


2022 was a very productive year for the Warrenville Fire Protection District. It was our busiest year of record, and we expect that number to rise with our growing population. We continue to make improvements that will benefit all of our residents. To begin, we were pleased to collaborate with Northwestern Medicine to introduce the Stroke Unit as a regular response to calls where a patient is presenting with the signs or symptoms of a stroke. The Stroke Unit is dispatched by our dispatch agency Du-Comm and responds simultaneously from Central DuPage Hospital along with Warrenville Fire and Emergency Medical Services providers when a 9-1-1 call is received for a person who may be having a stroke. We have already seen positive outcomes with the patients that have benefited from this new service. The District was also able to purchase its first automatic chest compression device which automatically provides chest compressions to patients suffering from cardiac arrest events. Again, we have seen benefits to having this equipment on our vehicle and we are confident it will continue to serve the District well. We were fortunate to have been able to order a new ambulance that will support the Advanced Life Support needs of our great community when it arrives in 2025. As we look forward to 2023, we will welcome three new full-time firefighter paramedics bringing our staff to a total of 18 full-time employees for the Warrenville Fire Protection District.

# 2022 RESPONSES

In 2022, we experienced our busiest year in the history of the Warrenville Fire Protection District. We can attribute this to new residential developments such as Lexington townhomes, Arden apartments, Horizon Senior Living, and Westlyn apartments reaching near full capacity. As the population continues to grow, we expect a continuing increase in the demand for services.

This chart shows a five-year trend in incident by volume.



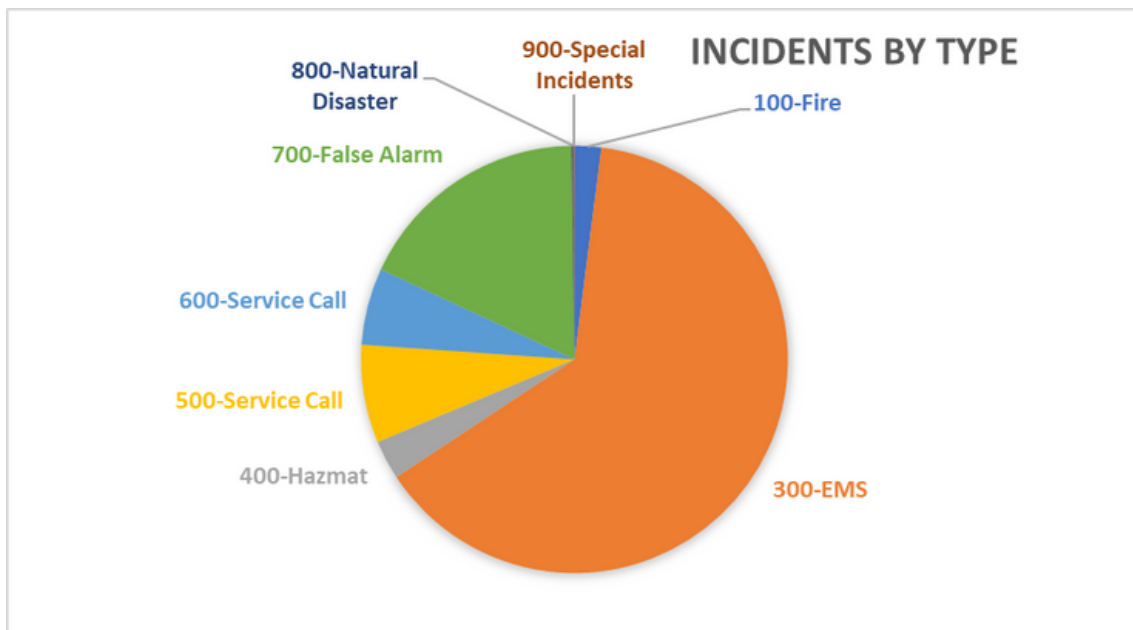
This chart shows call volume by month.



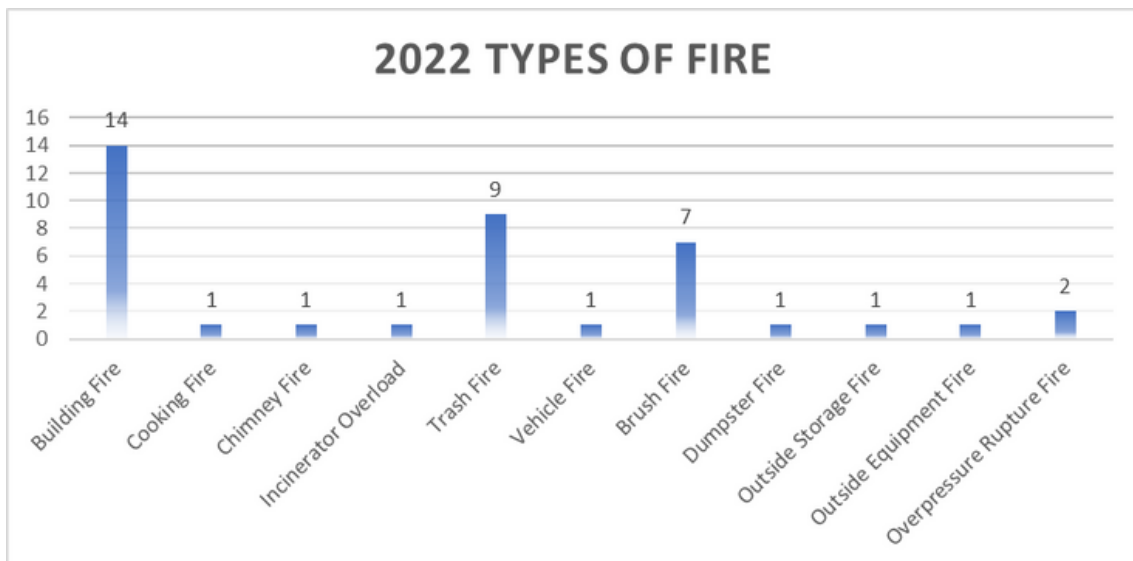
# 2022 RESPONSES

## 2022 Responses Continued

The Incidents by Type chart is utilized by the organization to forecast future needs related to training, equipment, and response needs. The organization reviews this information each year to improve future operations, increase firefighter safety and enhance the ability of the organization to achieve its mission.



The National Fire Incident Reporting System (NFIRS) maintains records of fire department emergency response data, which is analyzed by the U.S. Fire Administration to find trends in emergency services. This data is an important tool for evaluating fire-related issues and developing education campaigns.



# ADMINISTRATIVE REPORT

- Successfully awarded the following grants
  - Illinois Public Risk Fund \$15,530.00 towards technology upgrades to our training room
  - Illinois American Water \$1,000.00 firefighter grant to purchase portable battery-operated saw.
  - Local American Rescue Plan Act \$233,000.00 for pandemic-related payroll and equipment expenses
  
- New Hires
  - Firefighter Paramedic Austin Wiedmyer
  - Firefighter Paramedic Alec Stump
  - Firefighter Paramedic Andrew Kloska transitioned from paid-on-call to Full-Time
  - Assistant Fire Marshall Carl Voda was promoted to Full-Time Fire Marshall
  - Cadet Joseph Bovio
  
- Purchased our first automatic chest compression device to assist with cardiac arrest patients
- Partnered with Northwestern Medicine to introduce the Mobile Stroke Unit to the citizens of the Warrenville Fire Protection District
- Placed an order from Fire Service Inc. for one, Type I, Road Rescue Advanced Life Support ambulance
- Assistant Chief Levy and Captain Zabler completed all three modules of the Illinois State Fire Investigations modules and are now part of the DuPage County Fire Investigation Task Force
- Upgraded fire station to fiber optic internet, VoIP phone system, and LTE internet backup.
- Photographed all personnel and created composite department picture
- Purchased two thermal imaging cameras as an investigative tool that isolates temperatures of interest to identify pre-and post-fire hazards
- Purchased top-of-the-line extrication equipment to assist in the extrication of victims involved in vehicle accidents as well as other rescues

# MUTUAL AID BOX ALARM SYSTEM



The Warrenville Fire Protection District is a member of the Division 16 Mutual Aid Box Alarm System (MABAS). MABAS Division 16 consists of six-member agencies, and two associate members.

Oftentimes, communities face emergencies that overtax their own fire and emergency medical service operations, as well as their specialty response team capabilities.

The Warrenville Fire Protection District receives and provides aid to stricken communities in the form of apparatus and manpower.

Automatic aid is assistance that is dispatched automatically by a contractual agreement between two fire departments or fire districts.

Mutual aid, also signed by contractual agreement, is assistance that is dispatched, upon request, by the responding fire department or fire district. It is usually requested upon arrival at the scene.

**Mission** - 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.

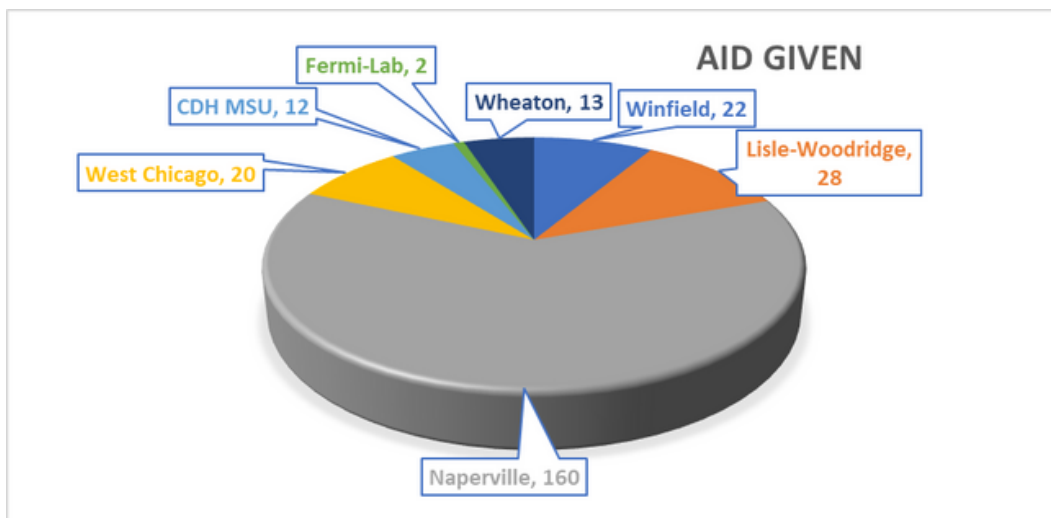
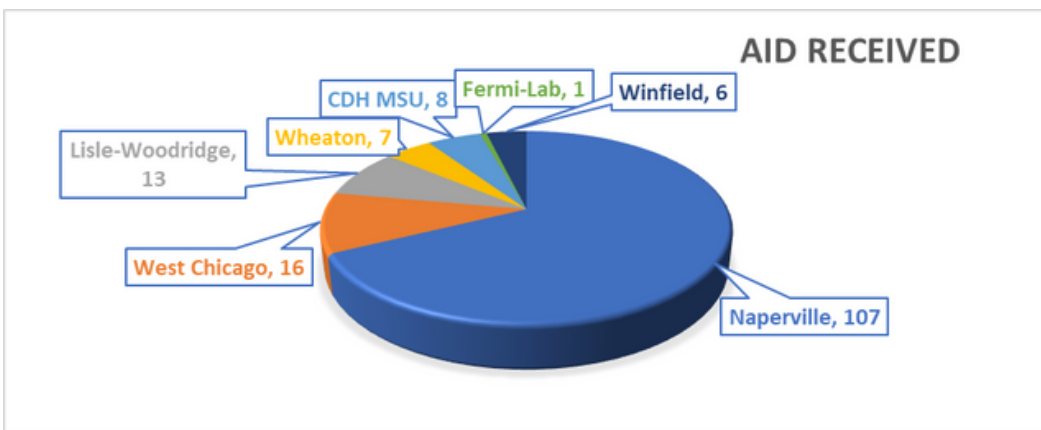
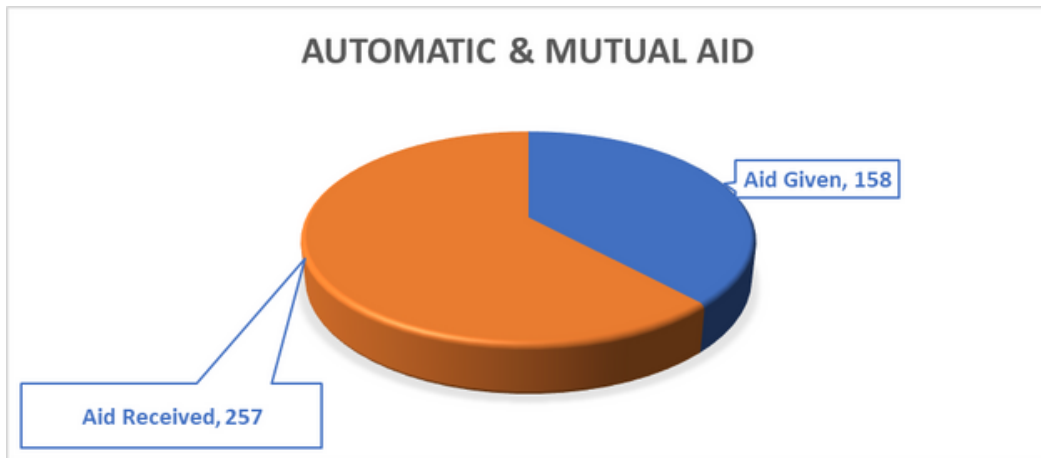
**Vision** - To be capable of supporting our emergency response community, and be secure and confident in our ability to provide the best fire prevention and protection, emergency medical and specialized services, and matters of homeland security.

**Values** - Division 16 believes; In our people...That we can attain our goals through trust, respect cooperation, ethics, and superior customer service.



# MUTUAL AID BOX ALARM SYSTEM

MABAS Continued



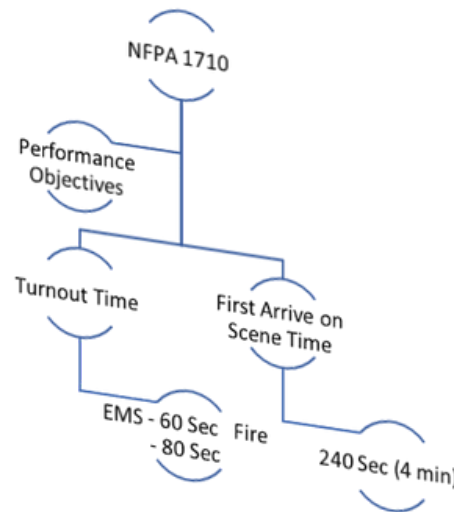


# RESPONSE TIMES

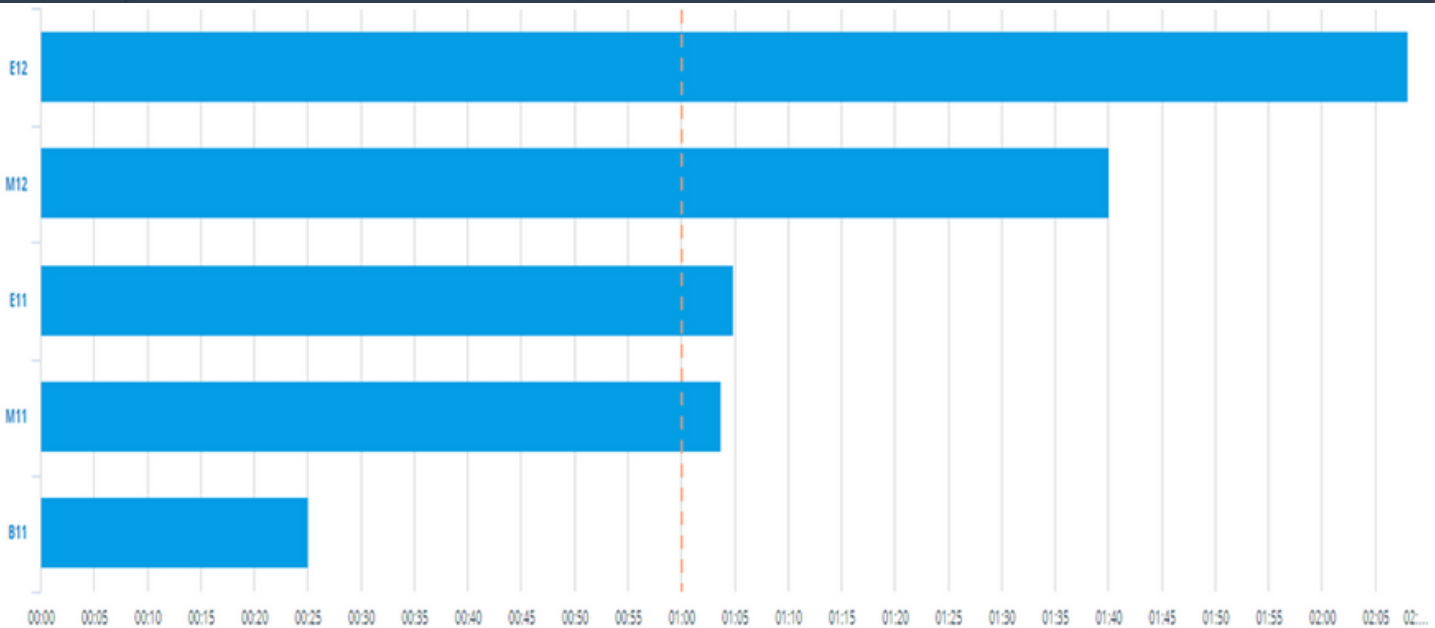
## Response Times

NFPA Standard 1710, Organization and Deployment of Fire Suppression Operations, EMS, and Special Operations in Career Fire Departments establishes the following minimum requirements for resource deployment.

Turnout time is measured as the time from when personnel are alerted to an incident by the communications center until the apparatus starts responding. The Warrenville Fire Protection District's station alerting system is linked directly to DuPage Public Safety Communication (DuComm) to help decrease delays.



eso ANALYTICS Average Turnout Time By Apparatus

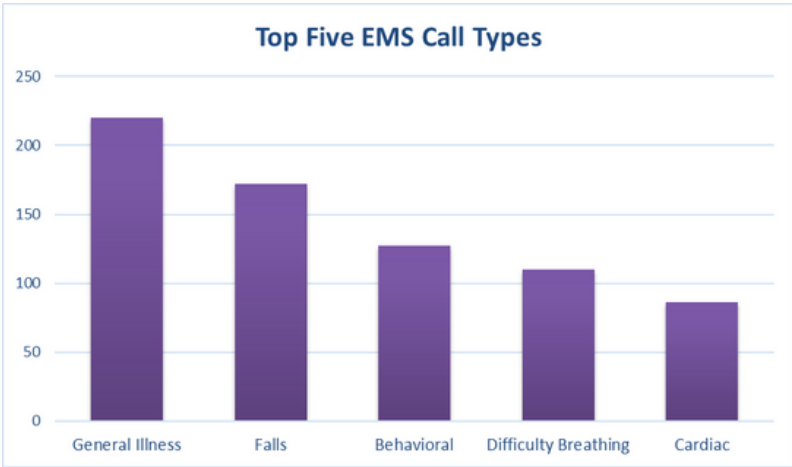


ANNUAL TURNOUT TIME (MM:SS)	01:08
TURNOUT TIME (<01:00)	53%
AVERAGE 1ST APPARATUS TURNOUT TIME (MM:SS)	00:53
90TH PERCENTILE 1ST APPARATUS TURNOUT TIME (MM:SS)	01:56

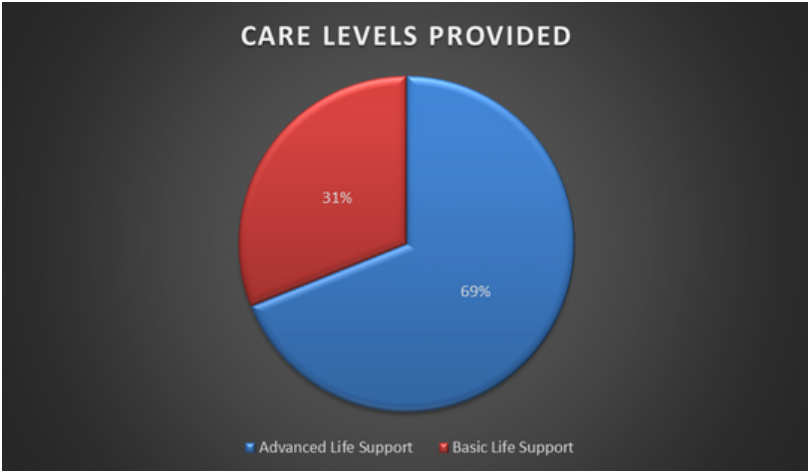
# EMERGENCY MEDICAL SERVICES

The Warrenville Fire Protection District responded to 1,220 EMS incidents in 2022. 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 2022 represented 63% 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.



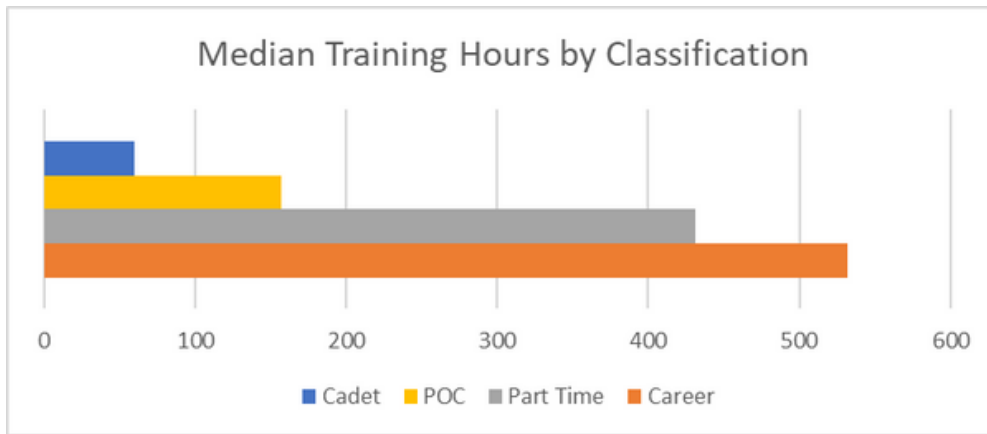
In 2022 the district saw the value of adding an additional IDPH-licensed non-transport vehicle to respond to emergencies. In June, the district with assistance from the American Rescue Plan Act purchased a Stryker LUCAS Compression Device to aid in providing high-quality CPR during a Full Arrest. In August of 2022, the district embarked on a partnership with the Northwestern Medicine Mobile Stroke Unit. This partnership is bringing critical stroke care to our citizens that would normally be only provided in the hospital setting.



# TRAINING REPORT

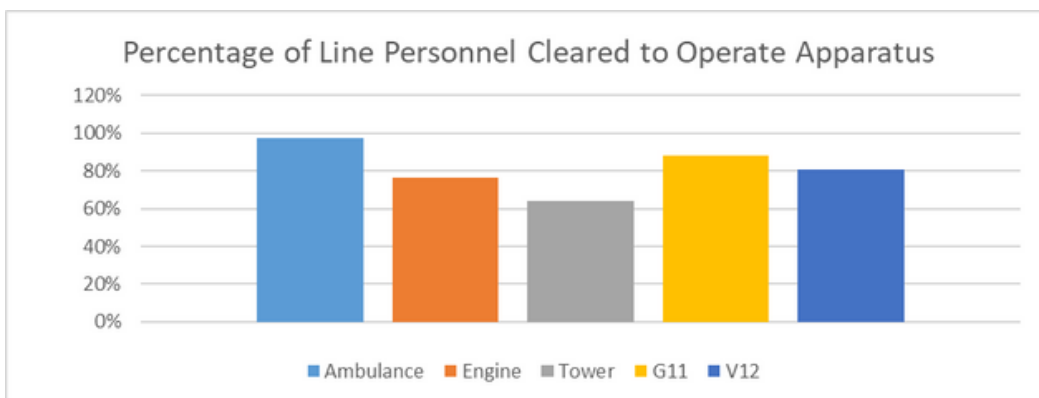
In 2022, fire district members completed an outstanding 13,380 hours of training. Broken down by member classification:

- Career personnel accumulated a total of 6,034 training hours.
- Part-time personnel accumulated a total of 3,675 training hours.
- Paid On Call personnel accumulated a total of 2,948 training hours.
- Cadet personnel accumulated a total of 205 training hours.
- Administrative personnel accumulated a total of 503 training hours.
- Trustees and Commissioners accumulated a total of 15 training hours.



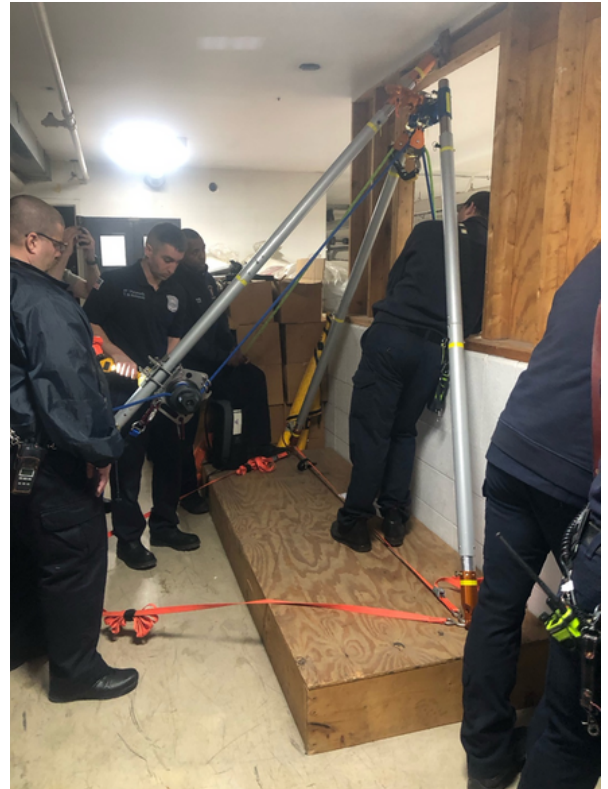
- Career personnel had a 62% increase in median training hours.
- Part-time personnel 340% increase in median training hours.
- Paid On Call personnel a 44% drop in median training hours.
- Cadet personnel had a 161% increase in median training hours.

Career personnel and part-time personnel both saw a drastic increase in training hours. Part-time was disproportionately larger due to an increase in the amount of part-time personnel who have been assigned to a regular shift, receiving regular training. Paid On Call personnel have each met the eighty-four hours minimum of training established by District policy, but continue to trend down in training hours. This trend also led to two of three Wednesday drill night live fire drills being canceled in 2022.



# TECHNICAL RESCUE TEAM

Technical Rescue in the Warrenville Fire District is supported by the membership that carries all the technician-level certifications under the discipline of Technical Rescue (Rope Rescue, Trench Rescue, 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 Argonne, 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 2022, the District hosted 2 drills, a confined space rescue at the stormwater lift station on Curtis Ave. and a trench rescue on the city property at the corner of Batavia and Warrenville Rd.



The Warrenville Fire Protection District does own some basic level Technical Rescue equipment and carries the label as 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. Equipment is purchased annually to add to the cache of equipment to better respond to incidents involving Trench, Confined-Space, Structural Collapse, and Rope Rescue.

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 has 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 MATERIALS INCIDENT RESPONSE TEAM

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.

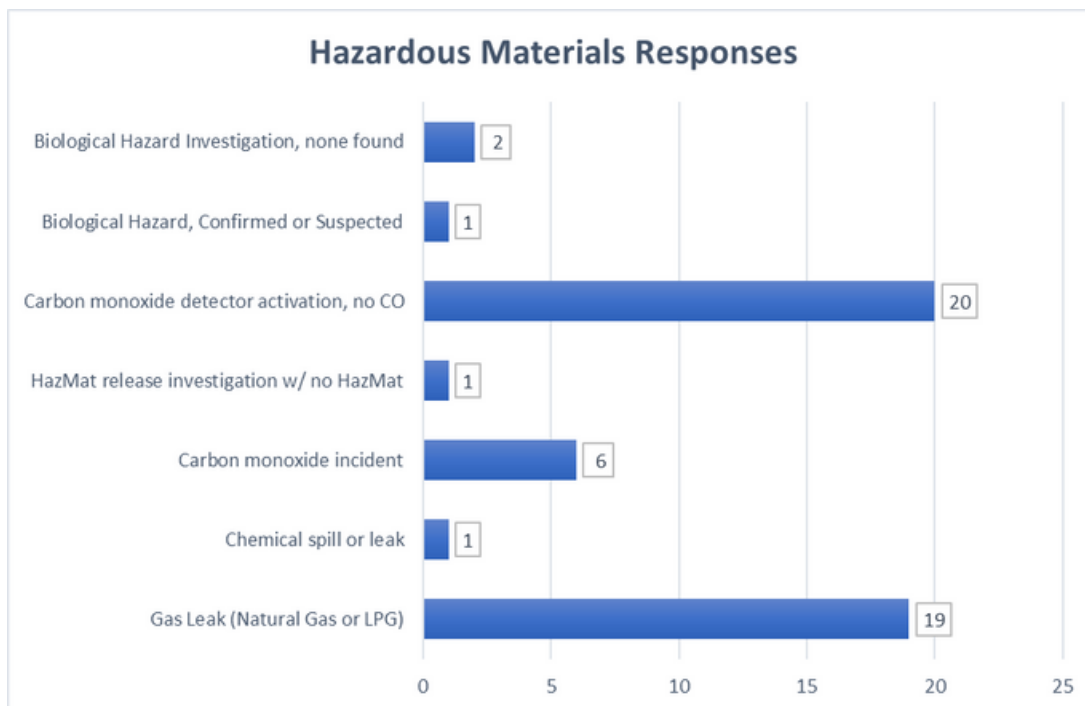


Team personnel receive regular training in all aspects of hazardous materials response and control, including the testing and maintenance of all equipment.

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

**Significant Incidents:**

On September 5 – Div. 16 Hazmat responded to a Box Alarm in Bolingbrook for a suspicious substance.



# FIRE INVESTIGATIONS

The Fire Investigations Team (FIT) is responsible for investigating and determining the origin, cause, and circumstances of all fires in the district. In 2022, the FIT continued to work closely with the Warrenville Police Department, DuPage County Fire Investigation Task Force, Illinois State Fire Marshal's Arson Investigators, and the Bureau of Alcohol, Tobacco, and Firearms to determine the cause of many types of fires in the district and county. FIT also works with Fire Prevention to share information to minimize any threats to public safety and firefighters by getting out the information needed to reduce risk.

Fire Investigators attend initial training through an Office of the Illinois State Fire Marshal-approved course. This course is delivered in three (3) 40-hour modules and is based on NFPA 1033, the Standard of Professional Qualifications for Fire Investigators, and NFPA 921, the Guide for Fire and Explosion Investigations.

Following an established scientific method, fire investigators will evaluate fire scene evidence, conduct interviews, take photographs, and create sketches in an attempt to determine the origin and cause of each fire. Any fire deemed suspicious is turned over to one of the above law enforcement agencies for further processing.

## **Team Members:**

**A/C Joe Levy**

**Capt. Bill Zabler**

**Inv. Theresa McBride**

All three (3) team members are also part of the DuPage County Fire Investigation Task Force and were able to provide investigative support during a January fatal fire in Downers Grove and a June fire investigation in Villa Park.

All reported and investigated fires are considered significant and a thorough investigation allows for a better understanding of the threats of fires within the district and proactively take steps to ensure the safety of residents, business owners, and visitors. The District can then use that information to educate the community on risks and how we are proactively mitigating them through fire code enforcement and public safety education.



# OCCUPATIONAL HEALTH & SAFETY

The Health & Safety Committee meets quarterly and is responsible for discussing topics related to the health, safety, and welfare of district personnel. The committee is composed of union, non-union, and management personnel.

**The 2022 Health & Safety Committee was represented by the following members:**

- **Executive Manager:** Fire Chief Andrew Dina
- **Chairperson/Secretary:** Assistant Chief Joseph Levy
- **Safety Director:** Captain William Zabler
- **Career Member:** Captain Dominic Tosto
- **District Member:** Firefighter Aaron Carstens

The committee is responsible for reviewing possible hazards, district accidents and injuries, and developing recommendations in an effort to improve safety and operations within the department.

The committee took actions on the following:

- Reviewed and implemented a Risk Management Plan Policy which replaced the previous Risk Management Plan, Health & Safety Policy Statement, and Policy Statement to All Members.
- Developed and implemented an Emergency Action Plan which follows the Illinois OSHA Checklist.
- Developed and implemented a Lessons Learned Policy which is utilized to educate our members on past injuries and accidents and meant to prevent them in the future.
- Developed and implemented a Vehicle Exhaust Removal System Policy which establishes guidelines for the use of the newly installed system.
- Created an electronic OSHA Checklist Folders records management system.
- Implemented a Cancer Prevention & Awareness subcommittee.

## **Fire District Work Related Injuries**

The committee reviewed nine (9) district employee work-related injuries that resulted in twenty-two (22) days of lost time at work.

## **Fire District Work Related Accidents**

The committee reviewed three (3) employee vehicle accidents.



# WATER RESCUE TEAM



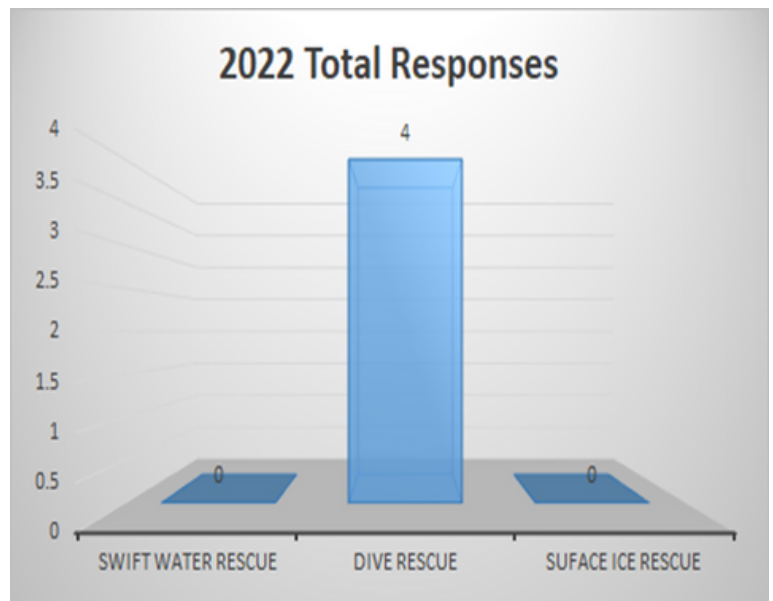
The Warrenville Fire District has a large amount of water within the district we serve. With a portion of the Dupage River, multiple lakes, and ponds, our Water Rescue Team is equipped to respond to water-related emergencies. Our team consists of five personnel that are highly trained to provide service and protection to the citizens of Warrenville and our surrounding communities. The Warrenville Water Rescue Team remains part of the MABAS 16 Water Rescue Team and utilizes its resources and personnel for every water-related incident.



The Water Rescue Team made a couple of vital purchases in the past year. Three new RS4 regulators were put into service. The team now has a total of five RS4 regulators that will allow our divers to connect to a surface-supplied air system. Our team also put in service an NSR all-surface rescue boat. This inflatable boat deploys easily and is useful for any water-related incidents. These purchases will help our team continue to provide a safer and more effective operation.

Training over the past year consisted in working on all water-related disciplines. Our team utilizes the Blackwell Forest Preserve to conduct dive, boat, and surface ice rescue drills as well as the DuPage River for swift water drills. Our team trains on the second Saturday of every month and once a quarter with the MABAS 16 Water Rescue Team.

In May, the Water Rescue Team trained with our MABAS 16 partners in a swift water drill at the canoe chute in Yorkville on the Fox River. The team focused on techniques for moving downriver as well as rescuing a victim in fast-moving water with underwater obstructions. In 2022, our team responded to four water rescue incidents. Our water rescue divers responded to Willow Springs and Bolingbrook to assist with a dive operation. Both of these responses were part of the Mabas 16 Water Rescue Team response. Our team was also called out to Naperville and an incident in Warrenville but due to the quick action from the first arriving companies, the team did not have to be utilized.



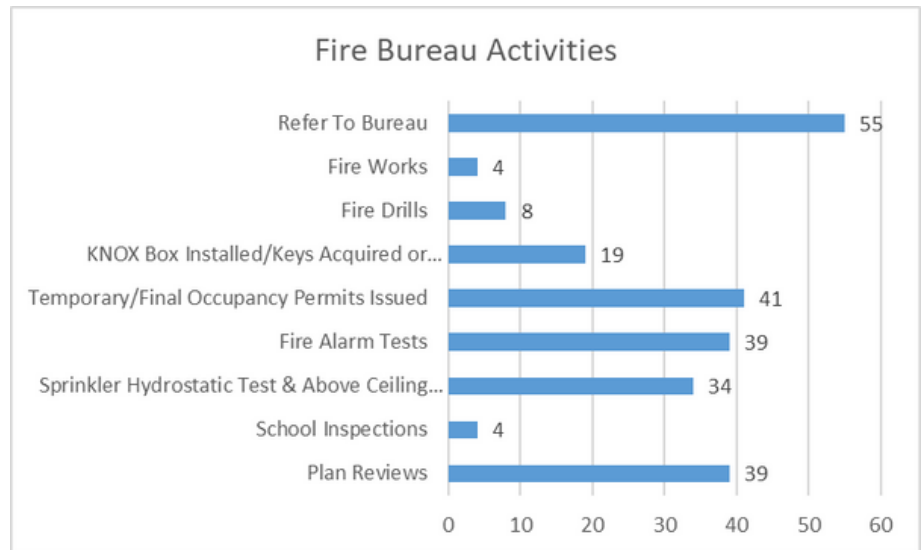


# FIRE PREVENTION & COMMUNITY RISK REDCUTION

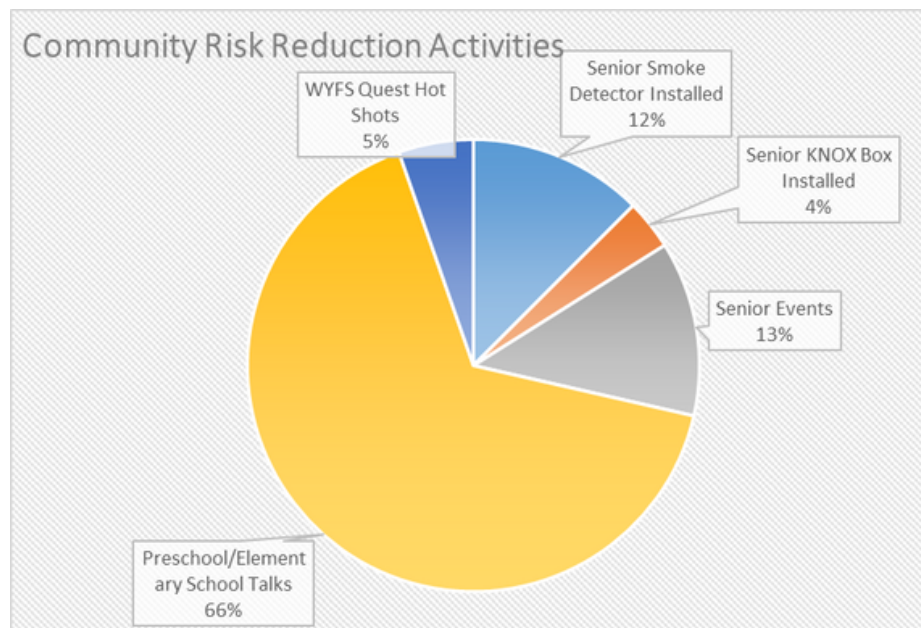
Fire Marshal Carl Voda manages the Fire Prevention Bureau and oversees all aspects of fire prevention and life safety programs. Activities of the bureau include code enforcement, plan reviews, and inspections. Inspections encompass everything from simple remodels to new building construction. The on-duty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

Throughout the year 28 new businesses were inspected, 1 re-inspection, and 4 school inspections. In addition, the bureau reviewed 468 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.



# PUBLIC EDUCATION

## Year End Report for Public Education 2022

The Warrenville Fire Protection District Public Education Team has had an active year. We provided fire safety and Risk Reduction presentations to Crème De La Crème, Bloom Child Care, Compass School, and Gardner school as well as School District 200 elementary schools, Bower and Johnson. We held fire extinguisher training at the Northwestern Medicine Surgical Center, teaching a total of 14 adults. We have attended the Bike Rodeo reaching out to about 75 people, as well as supporting the Warrenville Police Department National Night Out event. Fire Marshal Voda attended the quarterly SALT (Seniors & Law Enforcement Together) program to remind seniors about fall prevention, fire safety, and other risk reduction strategies they can implement in their homes. The SALT program reaches out to approximately 20 seniors each quarter. Additionally, this year's open house was a great success reaching out to approximately 300 people.

Preschool programs reached over 213 children between the ages of 3-5. Topics that were taught were on the subject of smoke alarms, home escape planning, Stop, Drop, and Roll, fire tool safety, calling 911, kitchen safety, fire drills, and gear demonstrations. These sessions were once a month for 15 minutes at each school.

Elementary school programs reached over 527 students between the ages of 6-10. All of the topics covered were the same as the preschool programs but in 30-minute sessions in each class/grade per month during the school year.

Our collaboration with Warrenville Youth and Family Services Hot Shots program resumed this year. We have conducted our first 3 sessions with them and have been discussing fire safety, fire responsibility, and other safety and community risk reduction programs. The program caters to at-risk youths between the ages of 11-14. We engage approximately 20 students each month in our fire station. Meals are provided each session due to the generous donation from the Warrenville Fireman's Association.

We provided 8 station tours reaching a total of 110 children and adults. During the station tour, we provide instructions on fire safety and responsibility. Off-site lesson plans were given at the Warrenville Public Library and Lifetime Fitness Summer Camp. Those events reached out to another 97 children and adults.

Our team attended a total of 5 block parties and other public events around town. We were able to reach out to 286 people within the community through those events.

In total, we provided Community Risk Reduction lessons to over 1,662 people within our community. This is an increase of nearly 700 from the previous year.

We are looking forward to another productive year of fire and life safety presentations in 2023 as we address the growing population in the Warrenville Fire Protection District boundaries.

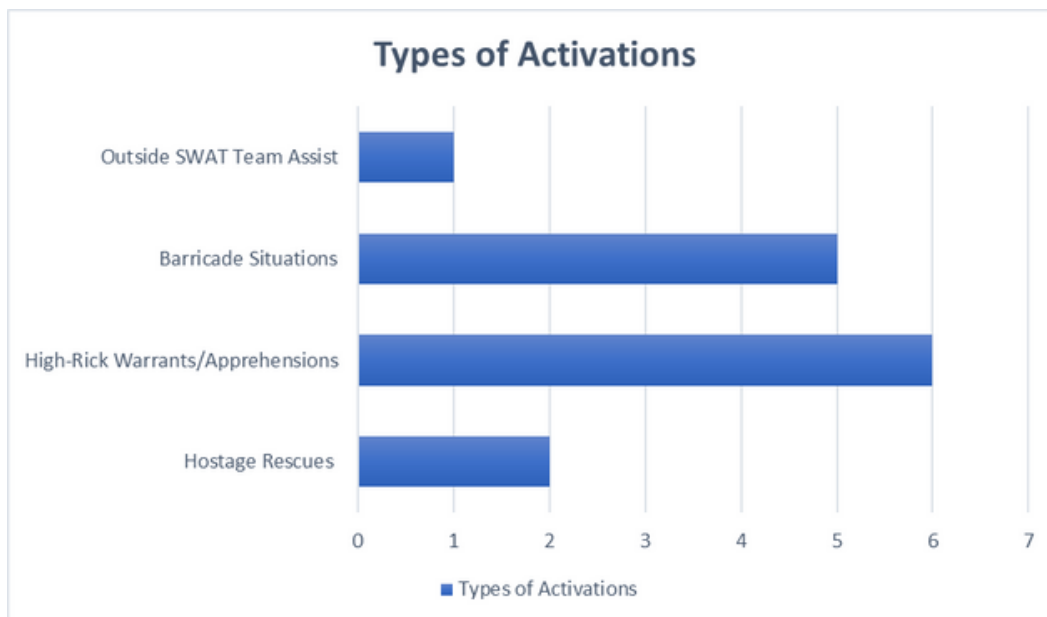
# TACTICAL EMERGENCY MEDICAL SUPPORT

Metro SWAT of DuPage is a county-wide task force charged with leading investigations into serious crimes, critical incidents, and other law enforcement endeavors. It is comprised of 73 total members including 1 Commander, 3 Assistant Commanders 2 Assault Force Commanders, 8 Team Leaders, 8 Assistant Team Leaders, 22 Operators, 7 Forward Observers, 9 Tactical Medics, 8 Tactical Dispatchers, 12 Drivers, and 1 Quartermaster. In 2022 Metro SWAT added 3 Medics, 1 Operator, 2 Drivers, and 1 Dispatcher.

Warrenville Fire Protection District currently has one active TEMS on Metro SWAT, Capt. Tosto.



In 2022 Metro SWAT had 15 activations down from 33 activations in 2021, a 54% decrease. Several activations occurred in towns that border Warrenville.



# LOGISTICS

Logistics is responsible for maintaining Warrenville Fire Protection District's main station located at 3S472 Batavia Rd. 2022 proved to be a better year for the organization. Our training classroom was completed which entailed, new carpeting, an 85" monitor, and a large dry-erase board. These new improvements will help facilitate various types of training, whether it's PowerPoint lectures or video-based learning.



Our apparatus bay floor was outfitted with the latest and safest vehicle exhaust system. Diesel exhaust has been linked to certain types of cancer and the District is taking every effort to keep our firefighters safe. The system attaches directly to the exhaust of each vehicle and when the ignition is turned on a large vacuum will pull the exhaust from the vehicle and expel it outside. This is very helpful, especially in the colder months, allowing us to keep the bay doors closed to conserve heat.

# 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 the organization of, and participation in, funeral and memorial services.

The Warrenville Fire Protection District Honor Guard is currently in its 5th 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 2022, the Honor Guard participated in the funeral services for Michael Baldwin (ret.) of the Downers Grove Fire Department. The annual tradition of marching with the colors in the annual 4th of July parade continued after restrictions from the pandemic. To end the year on a high note the guard had the responsibility of presenting the colors and coordinating the Walk-Out ceremony for Lieutenant William Nolan and Lieutenant Judd Weber celebrating their retirement from the Warrenville Fire Protection District.

#### Current Warrenville Fire Protection District Honor Guard Members:

- Asst. Chief Joseph Levy
- Capt. William Zabler (AFFI Member)
- Lieutenant Michael Vaughn (AFFI Member)
- Lieutenant Joshua Hamman
- Lieutenant Mia Ingram
- FF/PM Andrew Kloska



## OUR MISSION, VISION, AND VALUES

### **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 which 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 whom 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.

I would like to thank all members of the Warrenville Fire Protection District for their professionalism and commitment at every level of the organization. I would also like to thank our elected and appointed officials for their continued support. Together we will meet the fire, rescue, emergency medical, community risk reduction, and public education needs of our growing community.

-Chief Andrew Dina

