



FIRE DEPARTMENT

MONTHLY INFORMATION REPORT

May 2023

HIGHLIGHTING DATA METRICS
TO IDENTIFY OPERATIONAL TRENDS
AND
FACILITATE INFORMED DECISION-MAKING

70 E. MAIN STREET
LAKE ZURICH, IL 60047

Departmental Narrative

OUR MISSION: To care for and protect our community.

OUR VISION: The Lake Zurich Fire Department is dedicated to meeting the ever-changing needs of our community, while ensuring a safe and secure environment for all, through professional development, unity, and teamwork.

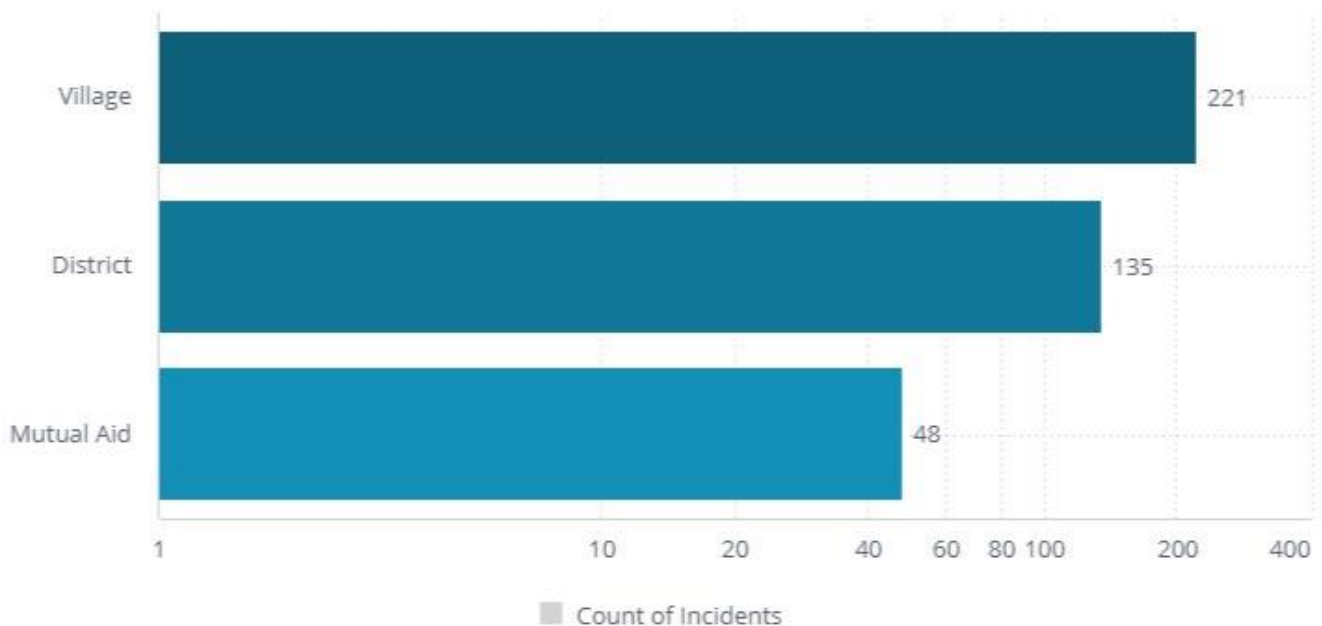
OUR VALUES: Professionalism, Responsibility, Integrity, Dedication, Honor

EXECUTIVE SUMMARY – MAY 2023

The Lake Zurich Fire Department provides a full range of professional and high-quality services to the Village of Lake Zurich and the Lake Zurich Rural Fire Protection District. We protect approximately 37,000 residents, many local businesses, and visitors across the twenty-five square mile combined service area. The Villages covered in the fire district include Hawthorn Woods, Kildeer, Deer Park, North Barrington, and Lake Barrington.

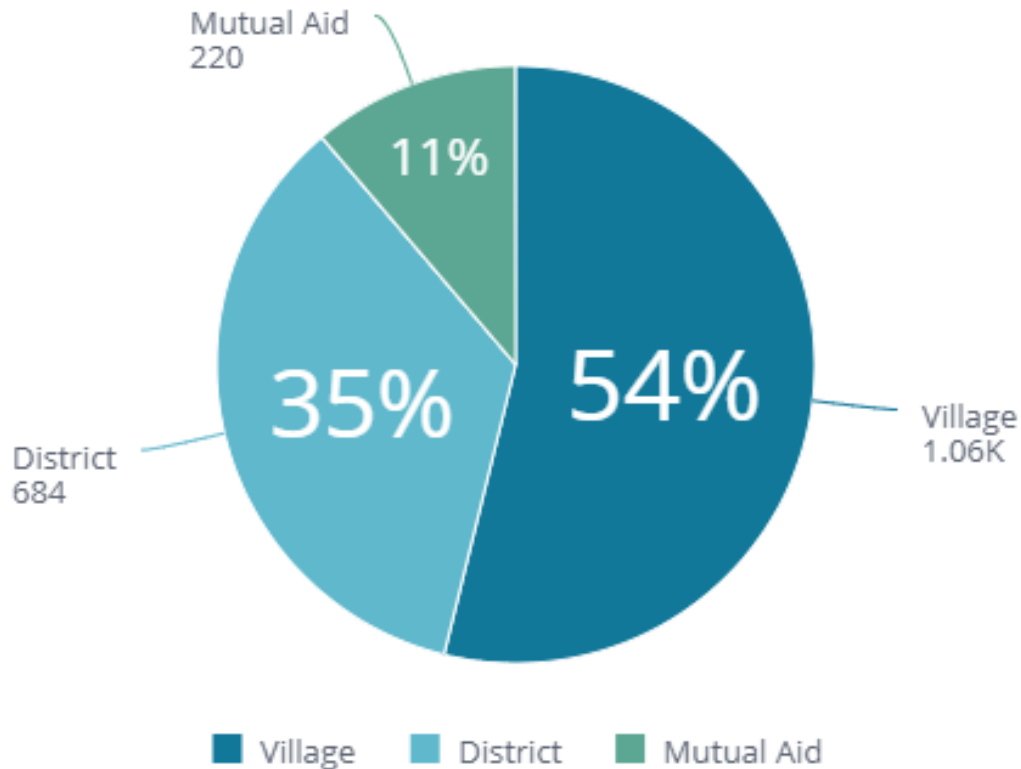
404 Incidents – May 2023

Responses – May 2023



1,959 Incidents – Year to Date

Responses – Year-to-Date 2023



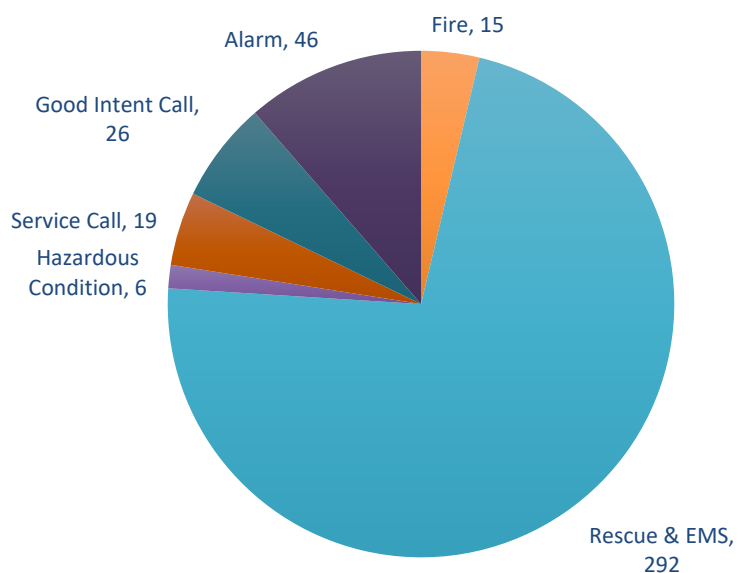
Incident Types

The Department codes all incidents within the National Fire Incident Reporting System (NFIRS).

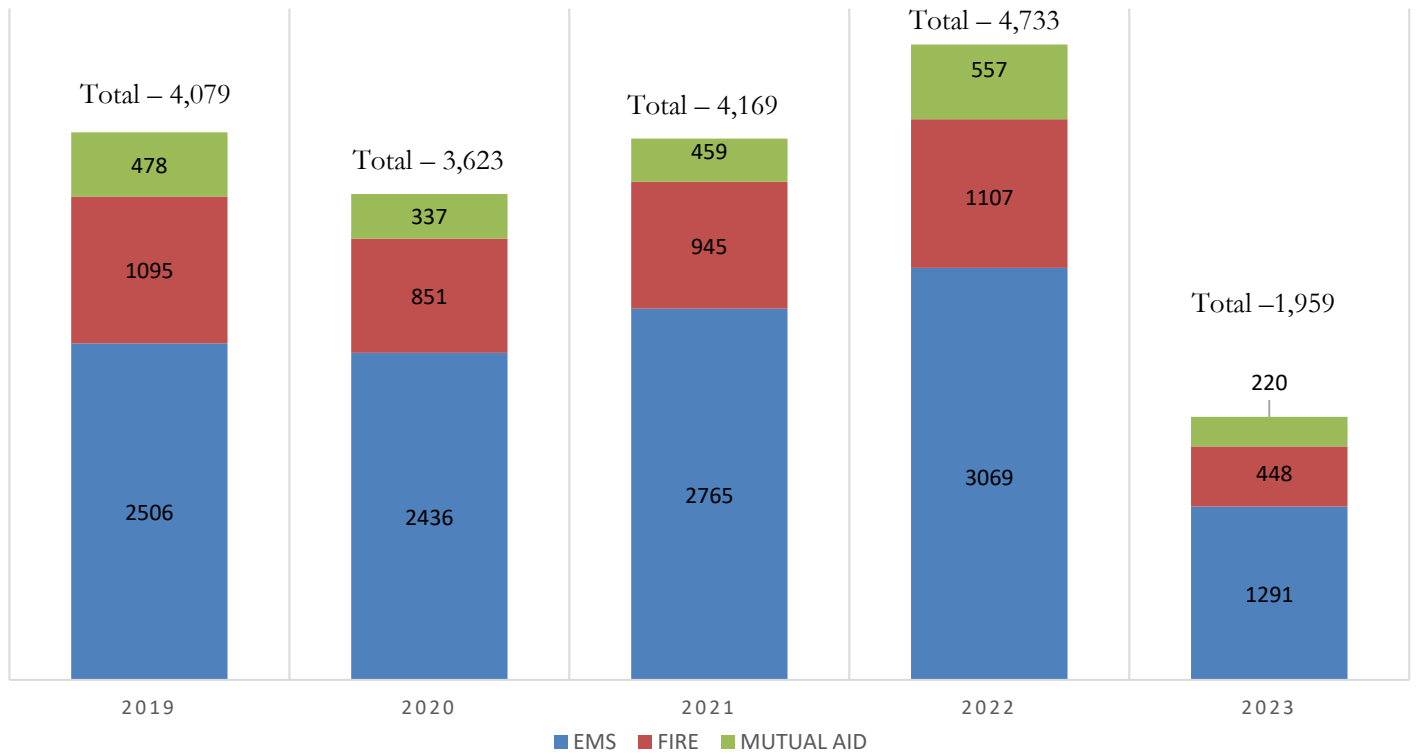
The codes all relate to the text categories noted in the chart to the right. Rescue and EMS incidents account for the majority of incidents we respond to.

In May, **292** incidents were Rescue and EMS incidents.

INCIDENT TYPES - MAY 2023



EMS/FIRE/MUTUAL AID YEAR-TO-DATE



Fire Incidents (Year-to-Date)

Working Fires

Total Count of Working Fires

37

Incidents with Property Value Change

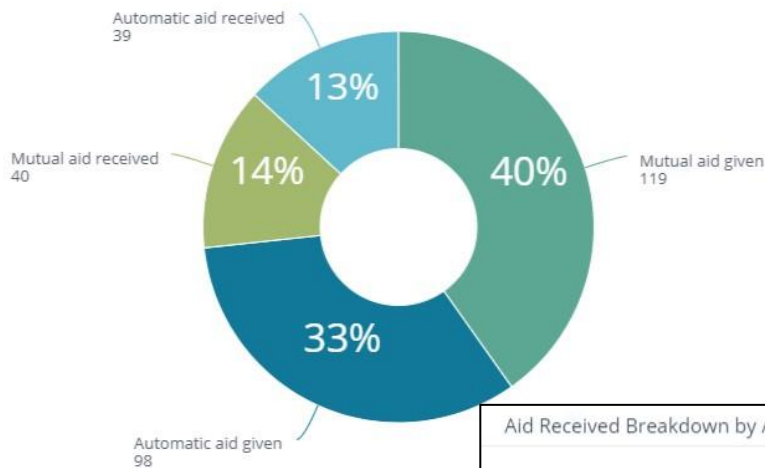
Count of Incidents with Property Loss

13

Percent of Property Value Saved

81.16%

Breakdown of Aid Given or Received - Year to Date - 2023



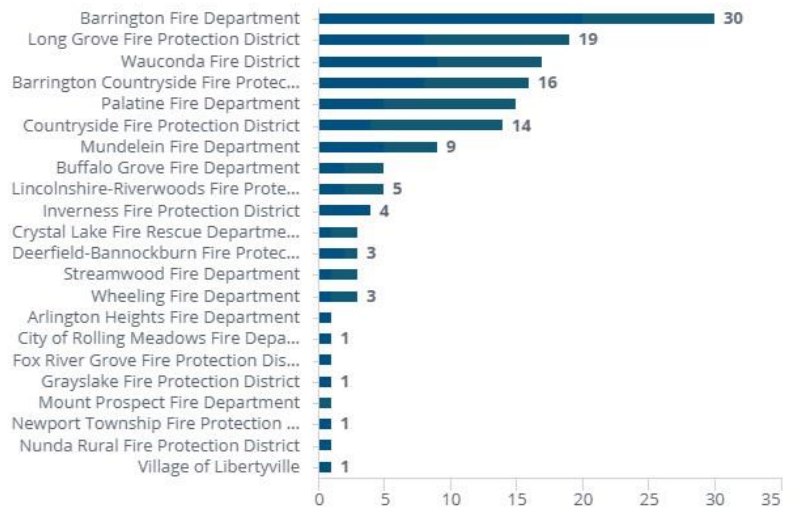
MUTUAL AID

EMS Incidents

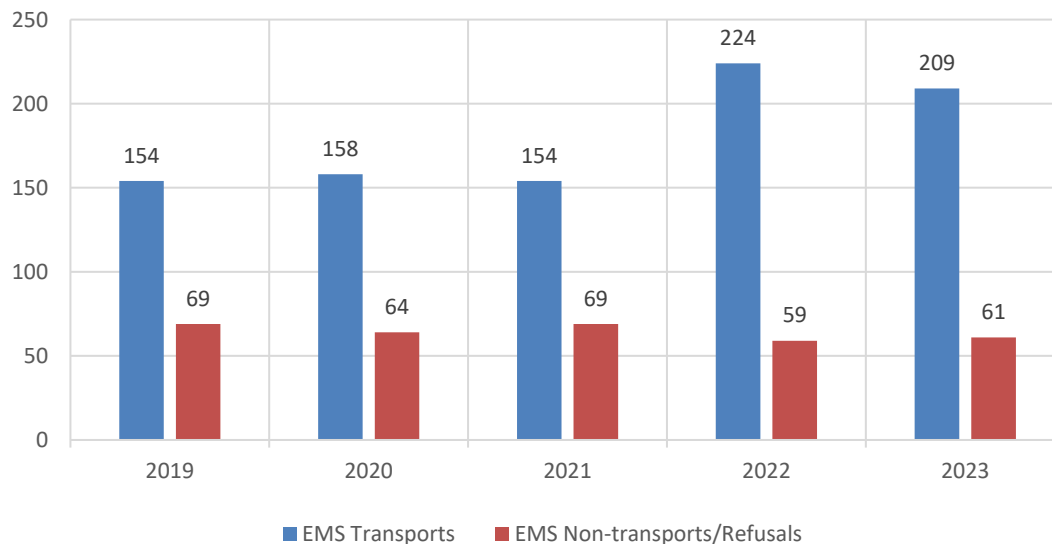
The chart shown below reflects EMS Transports vs. Non-Transports/Refusals. It's important to note that not every EMS call will result in a transport to the hospital. However, as you'll see from the data, transports always outpace Non-Transports/Refusals.

This chart below compares the month of May across 5 years.

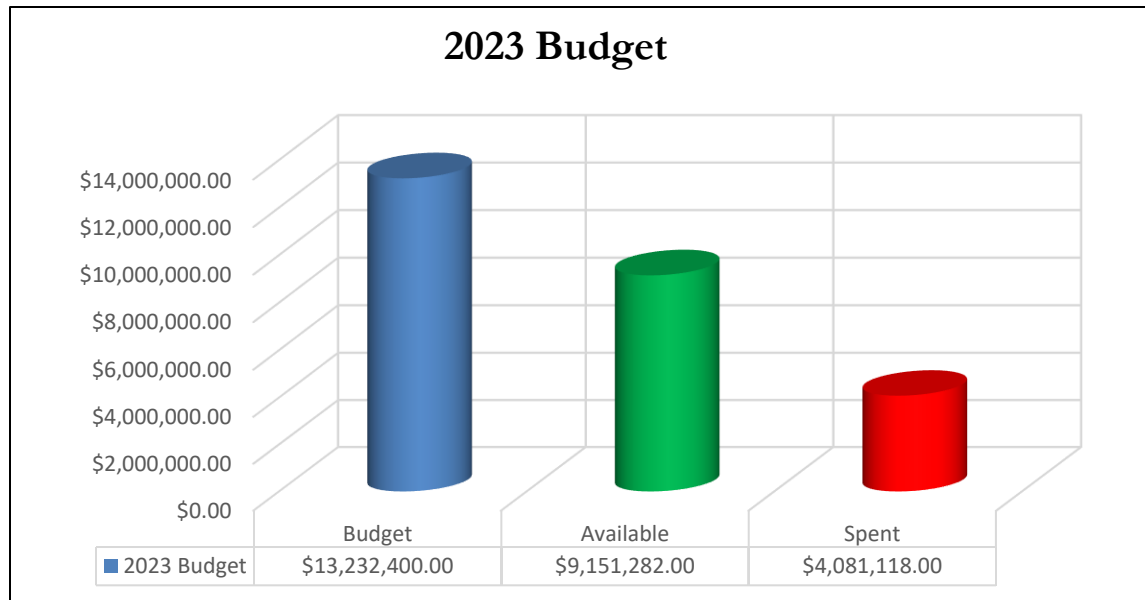
Aid Received Breakdown by Agency - Year to Date - 2023



EMS Transports vs Non-Transports/Refusals Monthly Comparison



ADMINISTRATION DIVISION



Congratulations to
Firefighter/Paramedic Steve
Norman on his retirement after 26
years of service with the Lake
Zurich Fire Department!
(Pictured left)

Community Relations / Public Education

Community focus is an important aspect of the Department. This includes risk reduction through public education. Examples include but are not limited to; school & daycare visits and station tours where fire safety and a safety message, such as stop, drop, and roll is covered. We also monitor fire and severe weather drills in schools as well as teach exit drills to middle school students. The Department also provides CPR and First-Aid training.



In May, Lake Zurich Fire participated in public education events including Station Tours, the Touch-A-Truck Event at St. Matthews (*top picture*), Visiting the Kidde Academy (*above left*), Stop-the-Bleed classes at Lake Zurich High School (*above right*), CPR classes, Fire Engine Ride to School (*pictured left*) and Fire Drills.

These interactions totaled over **350** public education contacts.

| PERSONNEL COMMENDATIONS |



Great job to Lieutenant Chris Hedquist, Firefighter/Paramedic Jeremy Holden and Firefighter/Paramedic Bryant Munoz (*pictured left*) for rescuing a cat in a tree. Written below is the thank-you letter received from the cat's owner.

"Last night our indoor cat "escaped" and climbed a tall tree in our backyard. We Googled for rescue suggestions (none of which involved calling the Fire Department as "that's just legend--the Fire Department doesn't rescue cats"). Imagine my surprise when the doorbell rang and one of your firefighters was at my door offering to attempt to rescue the cat. Two neighbor girls had heard BooBoo "meowing" up in the tree and asked their mother to call LZFD. Using one of their extremely tall extension ladders, the team of three firefighters were able to extract BooBoo from the tree. Certainly to us, your firefighters are heroes and LZFD is "legendary". Thanks again to you and your team of firefighters that came to BooBoo's rescue."

-Andrew Gunn

Shout out and great job to Firefighter/Paramedic Jon Corral (*pictured right*), Firefighter/Paramedic Jacob Rowe and Lieutenant Clayton Booth. Thank you for making a difference and taking the time to assist a member of the community when they noticed this gentleman was changing his tire in the parking lot and without hesitation, decided to step in and help.



STATIONS & STAFFING



OFFICER



FIREFIGHTER/PARAMEDIC

STATION 1

321 S. Buesching Road
Lake Zurich, IL 60047

APPARATUS & STAFFING

BATTALION 32



ENGINE 321
AMBULANCE 321



STATION 2

350 W. Highway 22
North Barrington, IL 60010

APPARATUS & STAFFING

ENGINE 322
AMBULANCE 322



STATION 3

1075 Old McHenry Road
Lake Zurich, IL 60047

APPARATUS & STAFFING

ENGINE 323
AMBULANCE 323



STATION 4

21970 Field Pkwy
Deer Park, IL 60010

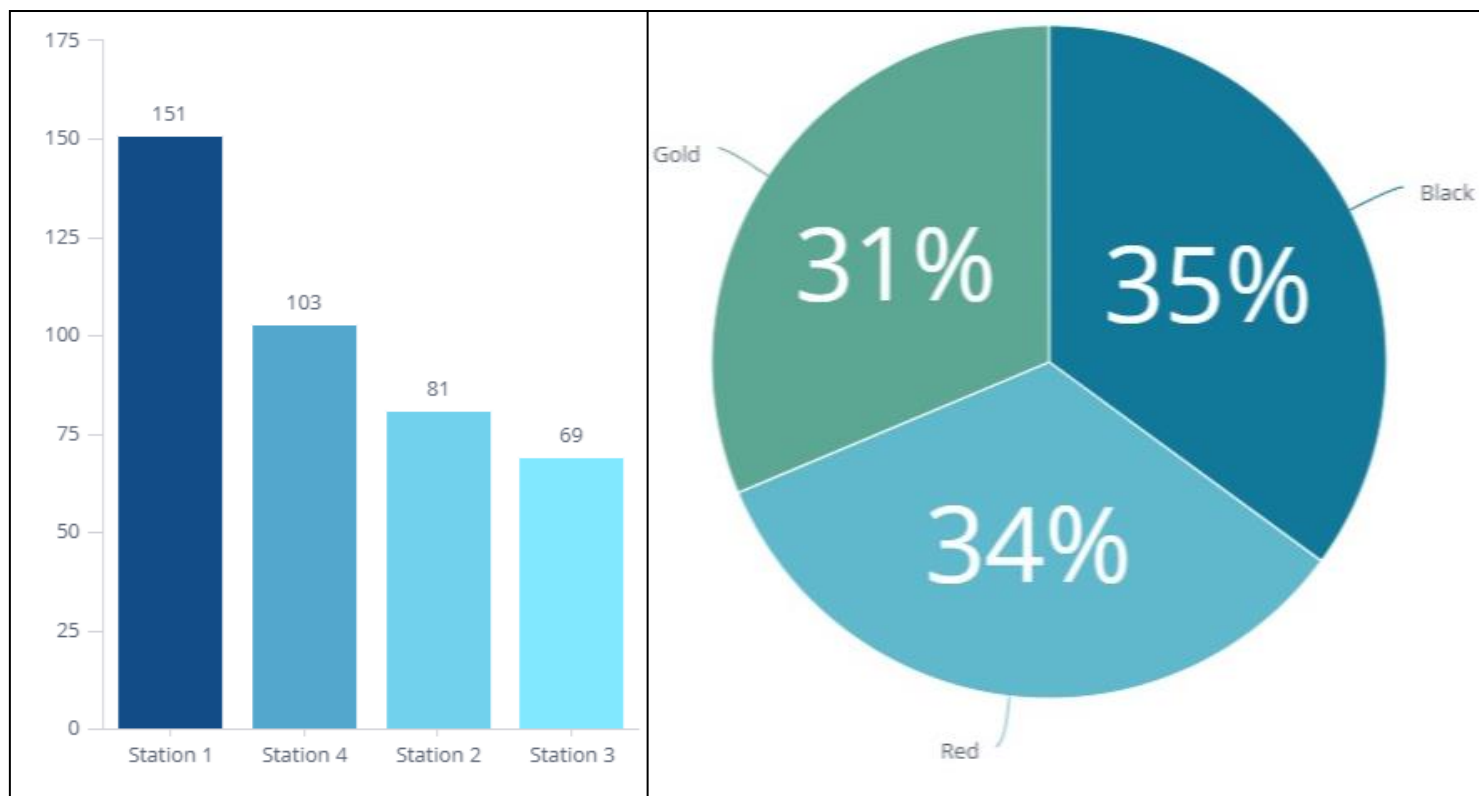
APPARATUS & STAFFING

ENGINE 324
AMBULANCE 324

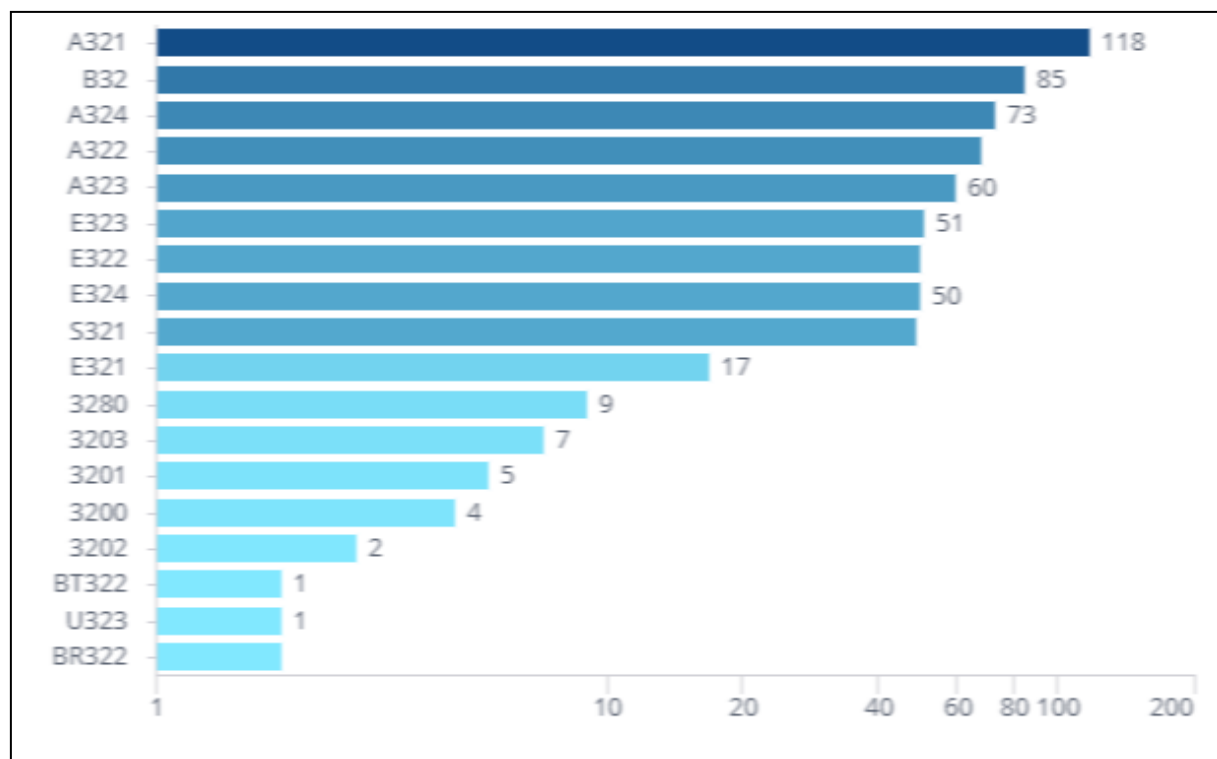


OPERATIONS DIVISION

Incident Count by Station | Incident Count by Shift



Incident Count by Unit

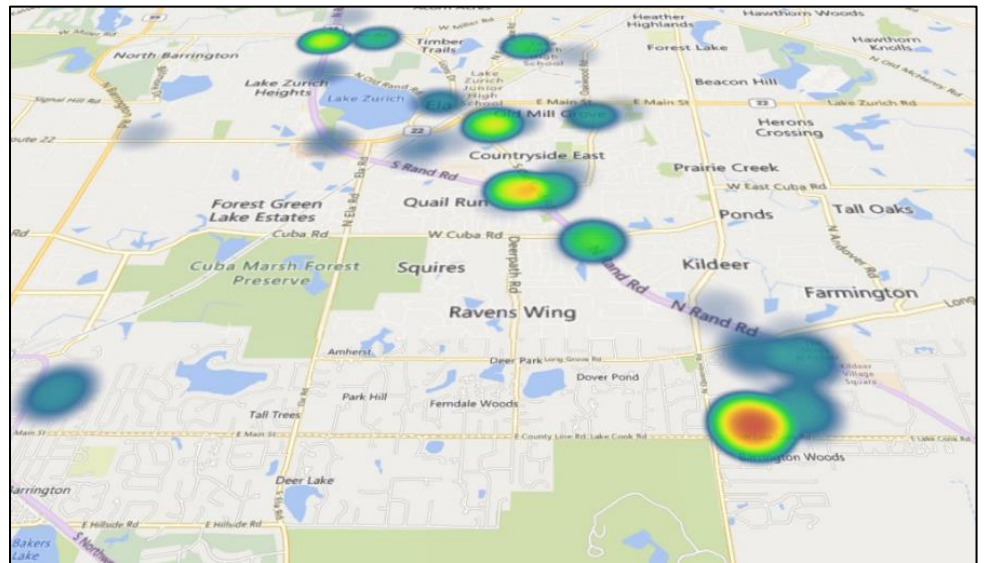


Response Locations

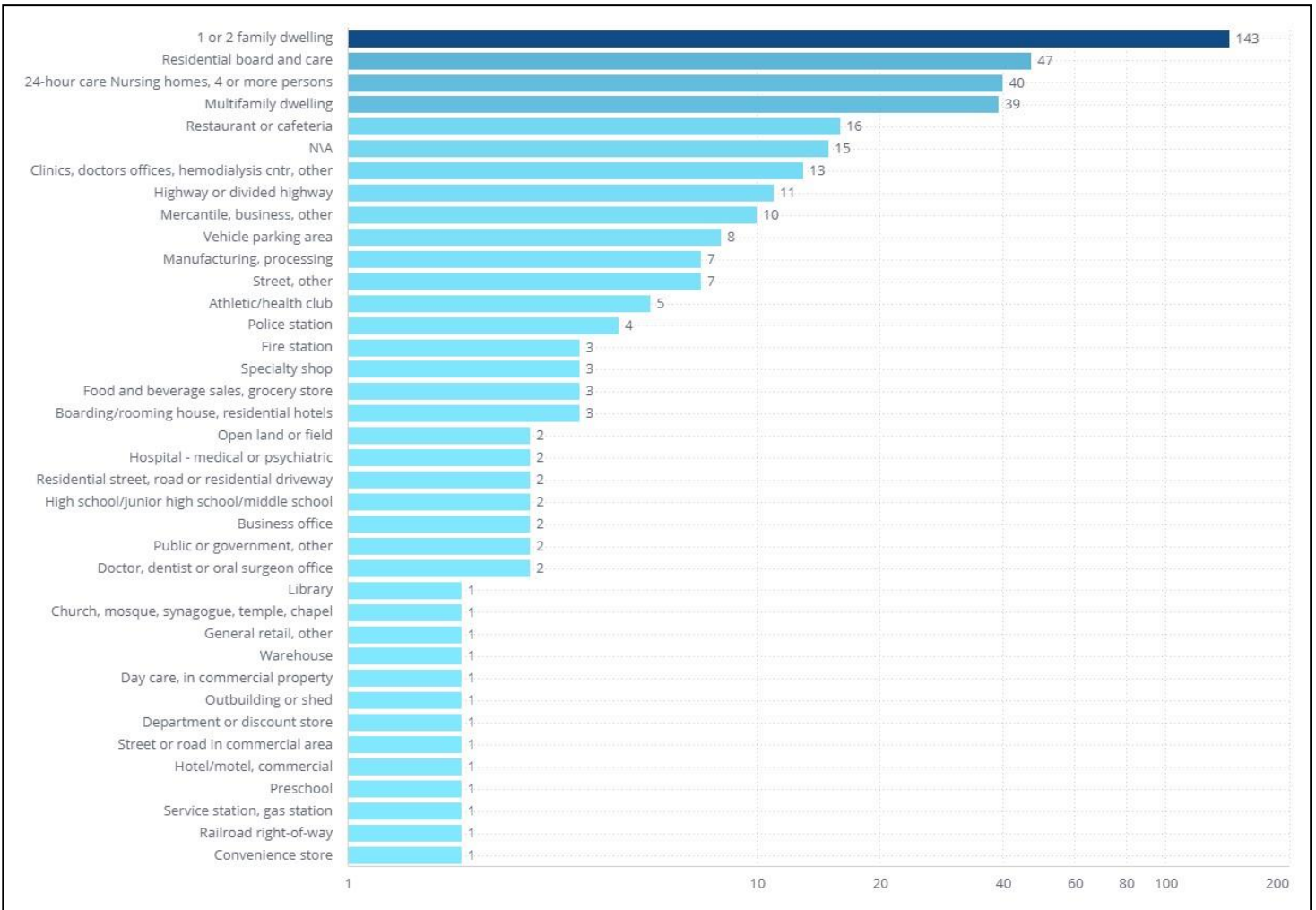
The graphic to the right is a visual representation of call distribution for May.

As visually displayed, the assisted living/memory care facilities are a large portion of our department calls and are consistently within the top locations responded to each month.

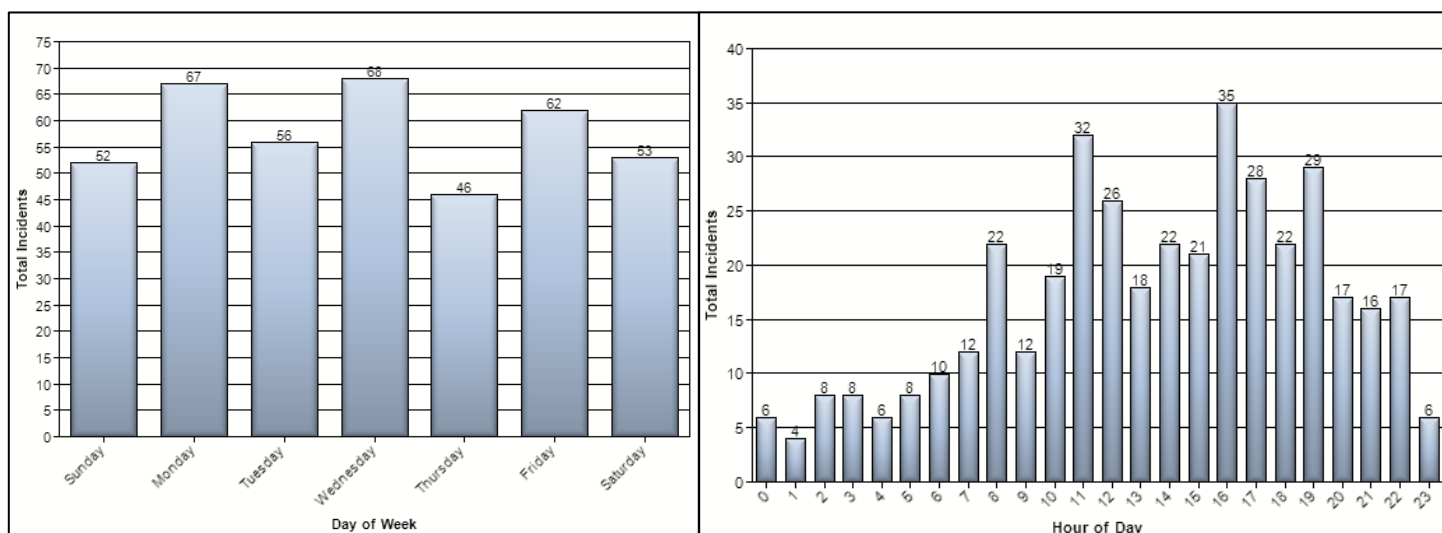
We frequently respond to doctor offices, health clinics, and automobile accidents near the Route 12 corridor.



Responses by Property Type



Day of Week Breakdown | Hour of Day Breakdown



Response Times

Response time includes three key factors: **dispatch handling, turnout, and travel time.**

Dispatch handling time is when dispatch takes in information and then dispatch personnel. The turnout time is when the crews receive the call to the time they get into the vehicles and hit the enroute button. Travel time reflects the time from en route to when they arrive at the incident scene. Construction, speed limits, weather, and train traffic can impact response times. The overall goal for arrival at an emergency fire call is 6 minutes and 20 seconds from the time of notification until the first unit arrives on the scene. For a response to an EMS incident, this time is 6 minutes.

The following shows the average times for all incidents including EMS, Fire, and Mutual Aid in May 2023.

<p>Dispatch Time</p> <p>Average Dispatch Time</p> <p>01m:04s</p>	<p>Turnout Time</p> <p>Average Turnout Time</p> <p>00m:58s</p>
<p>Travel Time</p> <p>Average Travel Time</p> <p>04m:47s</p>	<p>Response Time</p> <p>Average Response Time</p> <p>05m:45s</p>

TRAINING DIVISION



SHIFT TRAINING

Fire Training

- Live Fire Auto Aid Training – Live Fire Training with bordering Departments
- Making the Stretch – Hose line advancement drills
- Water Supply – Dry hydrants and Rural Operations
- Searching for the Fire Victim – Residential operations
- Firefighter Survival – Self Rescue
- Vertical Ventilation – Supporting Interior Firefighting
- School Bus Extrication (*pictured above*)
- Firefighter Wellness

Preplans

- 1025 Old McHenry Rd & 1350 E Highway 22

EMS

- Northwest Community Healthcare Continued Education
- RTF PPE In-Service
- Trauma Transport Criteria

Special Rescue Training

- Haul Systems – Rope Rescue Operations
- Ropes & Knots – Fire Service knots for Specialized Rescue (*pictured right*)
- Indoor Odor Investigations – Ruling out HazMat Situations

Outside Training

FF/PM Kevin Glasder – Confined Space Rescue Operations – 40 hours

Lt. Jeff Wascow – HazMat Conference 23 – 24 Hours

FF/PMs Anthony Campbell, Jason Kraus & Pete Penkava – HazMat Online Conference – 24 hours

Fire Investigators Jeff Hall & Jon Corral – Fire Investigators Strike Force Conference – 8 Hours

FF/PM Jon Corral – Youth Fire Setters – 16 hours

FF/PM Alex Tanner – Fire Service Instructor II – 40 Hours

Lt. Shaun Stapleton – Vehicle & Machinery Technician – 40 Hours

Lt. Clayton Booth – Command Officers Bootcamp – 16 Hours

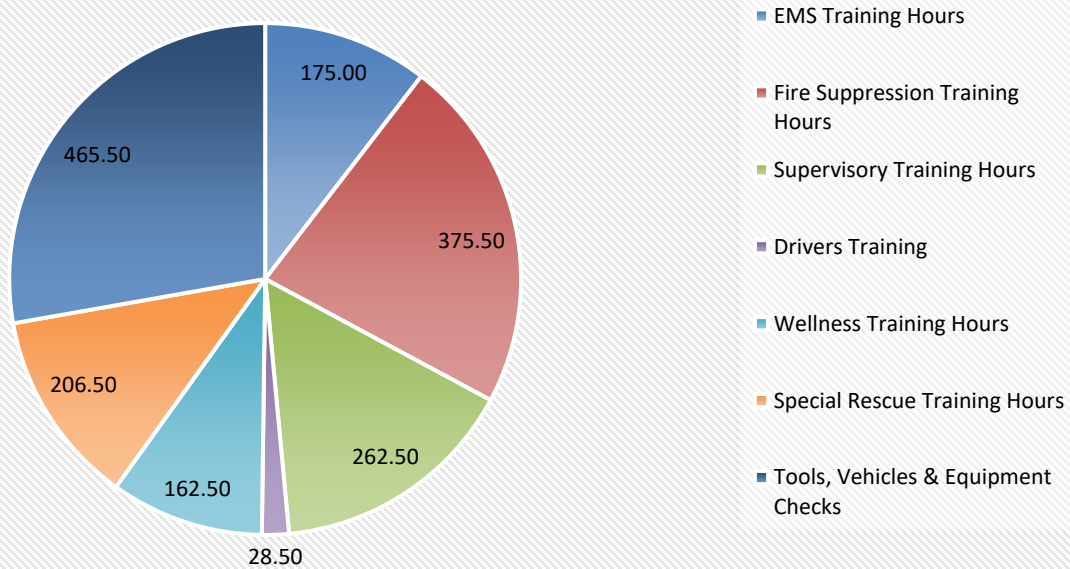
FF/PM Dan Frano & Joel Fishman – Fire Apparatus Engineer – 40 Hours

FF/PM Pat Murray – Advanced Technician Firefighter – 40 Hours

Captain Kammin & Captain Yee – Designated Infectious Control Officer – 16 Hours



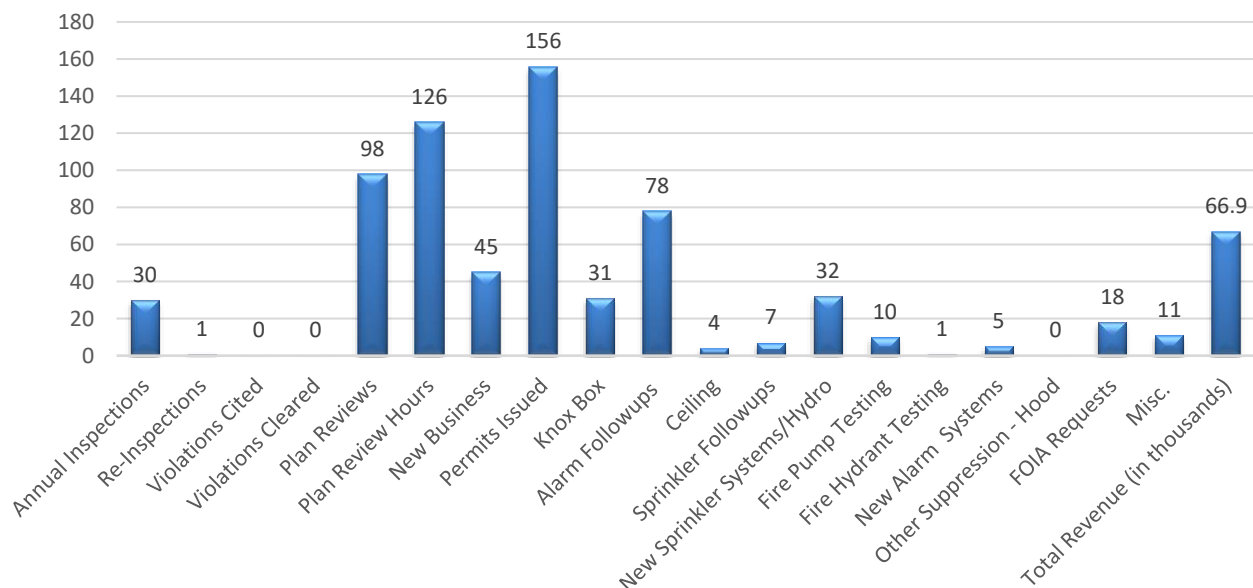
Monthly Training Hours - 1,676.00 Total



FIRE PREVENTION BUREAU

For May, the Fire Prevention Bureau (FPB) saw a large increase in plan reviews and construction projects for our service area. The FPB currently has approximately 20 construction projects in various stages of development. The FPD also assisted with the investigation of three fires in the month of May – two in our service area and one in Wauconda. The FPB also has four fireworks permits under review for the month of July.

Fire Prevention Activities Year-To-Date - 2023



MAY 2023 BUREAU ACTIVITIES

- Construction Meetings
 - Gere Marie
 - Quentin Collections
 - Deer Park Town Center
 - Buena Beef
 - Costco Fire Alarm
 - D-95 Transition Building
 - Fifth Third Bank
- Underground Water Flush at Chase Bank (*pictured above right*)
- Fire Investigations
 - Field Court, Deer Park Garage Fire
 - Deer Park at Field Ct. Garage Fire. This fire was extinguished by 1 fire sprinkler. (*pictured right*)
 - Mutual Aid to Wauconda Fire for a House Fire (*pictured below*)
- Fourth of July meeting with Village Staff
- Five Fire Drills
- Lake County Fire Department Expo at Gurnee Mills (*pictured below/ right*)

