



# FIRE DEPARTMENT

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## MONTHLY INFORMATION REPORT

**August 2023**

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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

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### EXECUTIVE SUMMARY – AUGUST 2023

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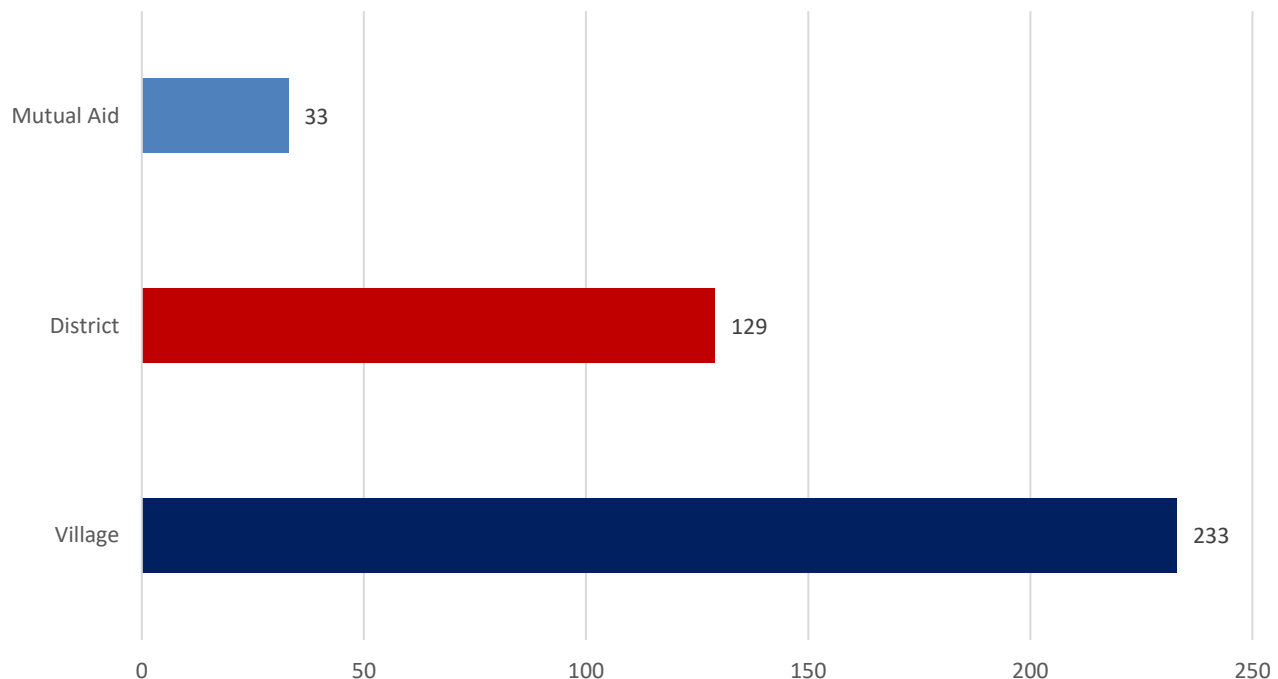
The Lake Zurich Fire Department provides a full range of professional and high-quality services to the Village of Lake Zurich and the Lake Zurich Rural Fire Protection District. We protect approximately 37,000 residents, many local businesses, and visitors across the twenty-five square mile combined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

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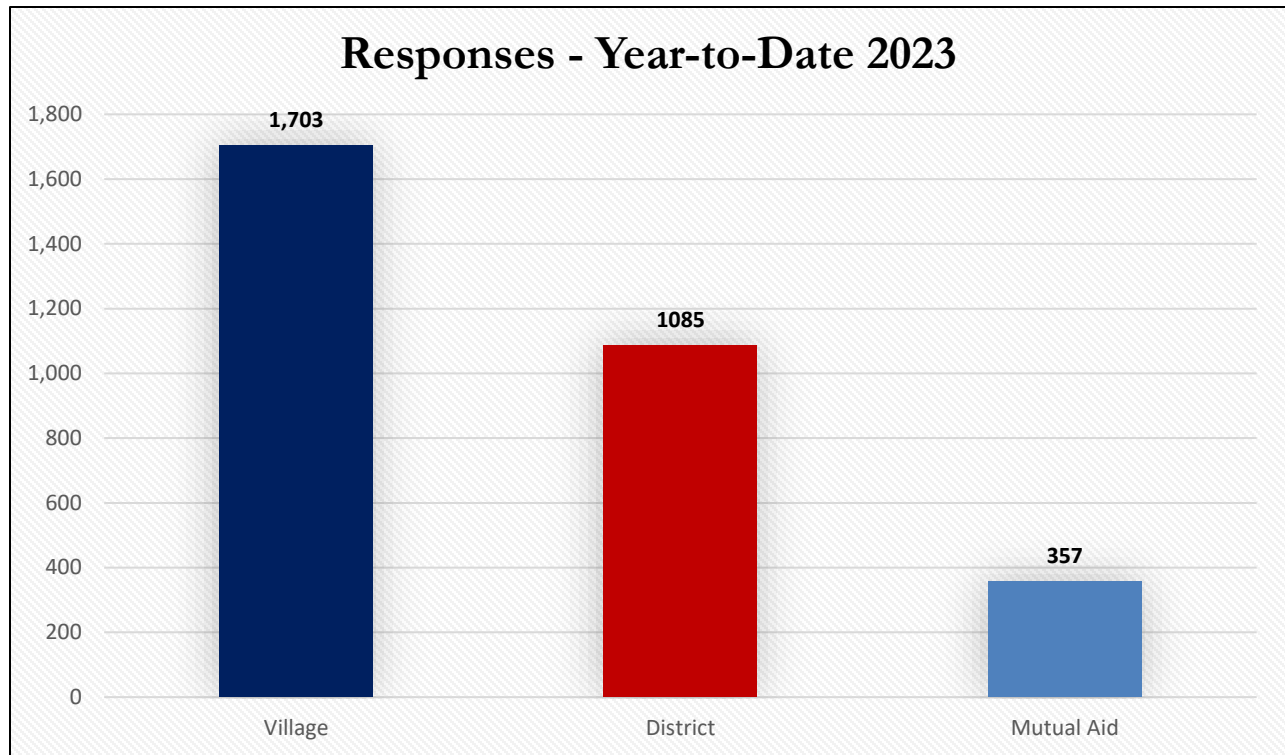
**395** Incidents – August 2023

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#### Responses - August 2023



**3,145** Incidents – Year to Date

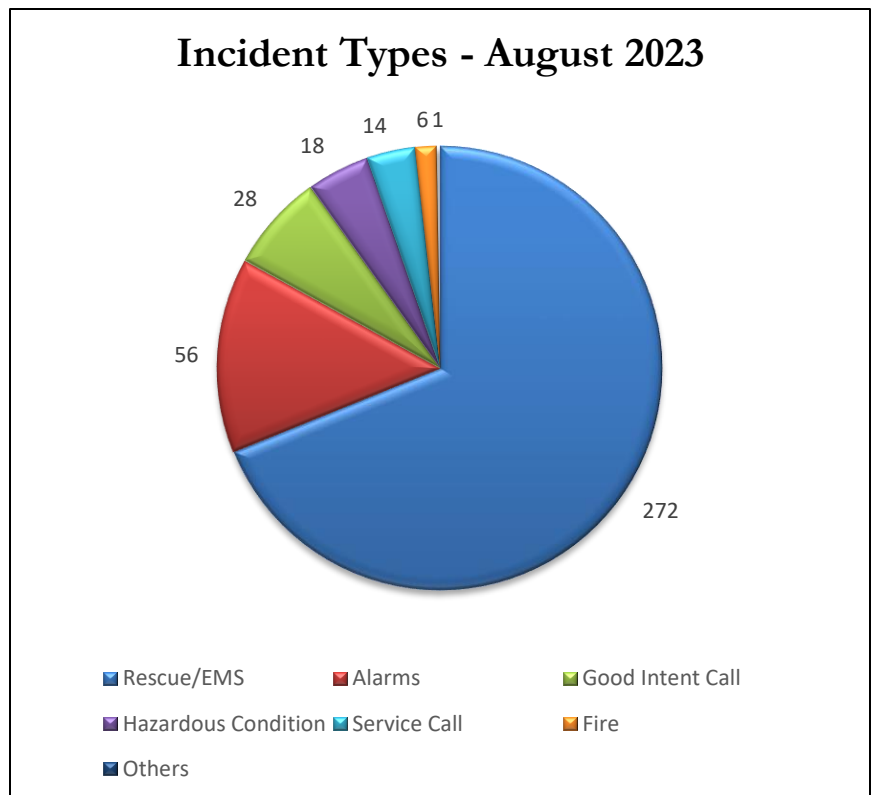


## Incident Types

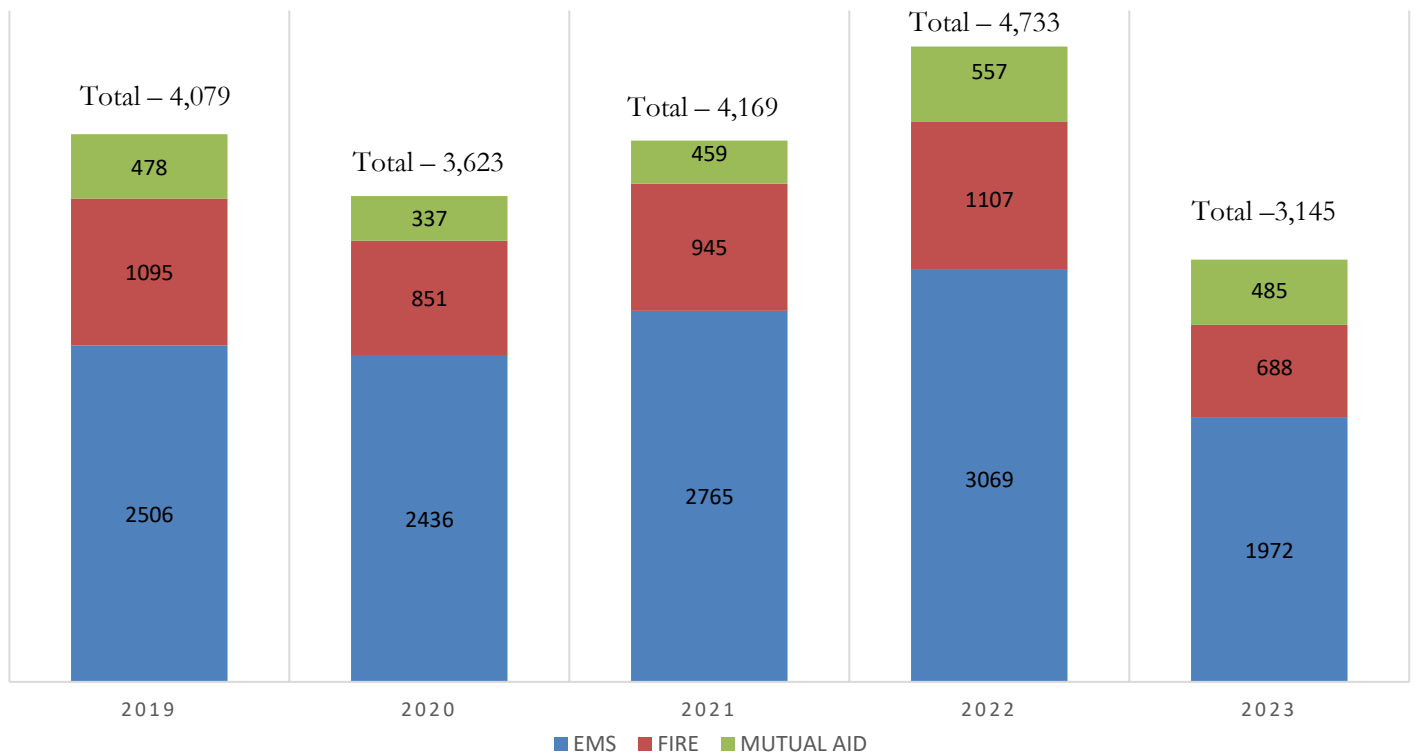
The Department codes all incidents within the National Fire Incident Reporting System (NFIRS).

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 August, **272** incidents were Rescue and EMS incidents.



## EMS/FIRE/MUTUAL AID YEAR-TO-DATE



### Fire Incidents (Year-to-Date)

#### WORKING FIRES

Total Count for 2023

**52**

#### INCIDENTS WITH PROPERTY VALUE CHANGE

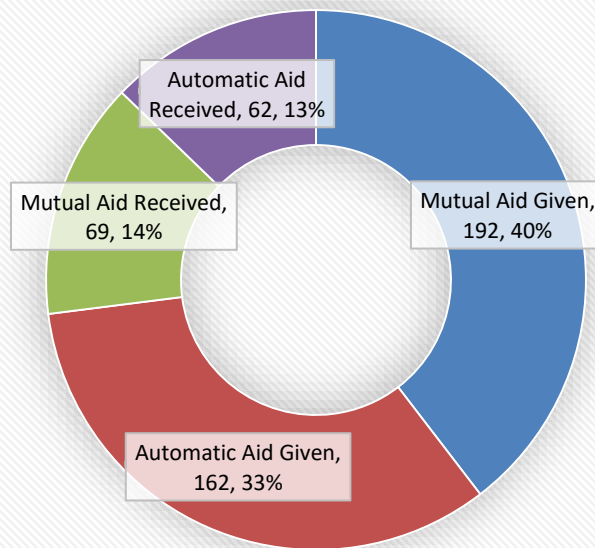
Count of Incidents with Property Loss – 2023

**21**

Percent of Property Value Saved

**92.52%**

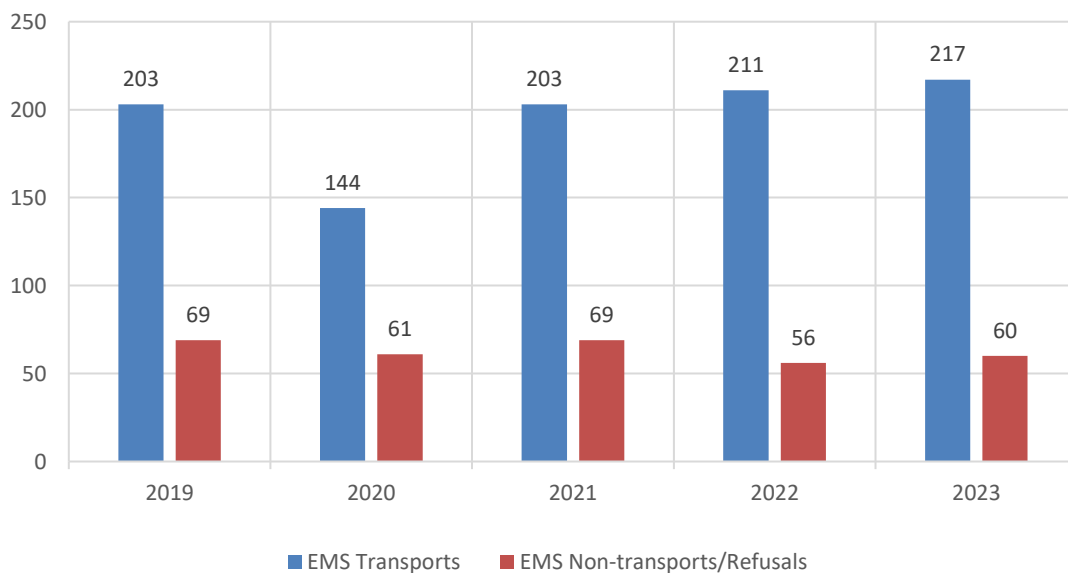
## Mutual Aid - Year-to-Date 2023



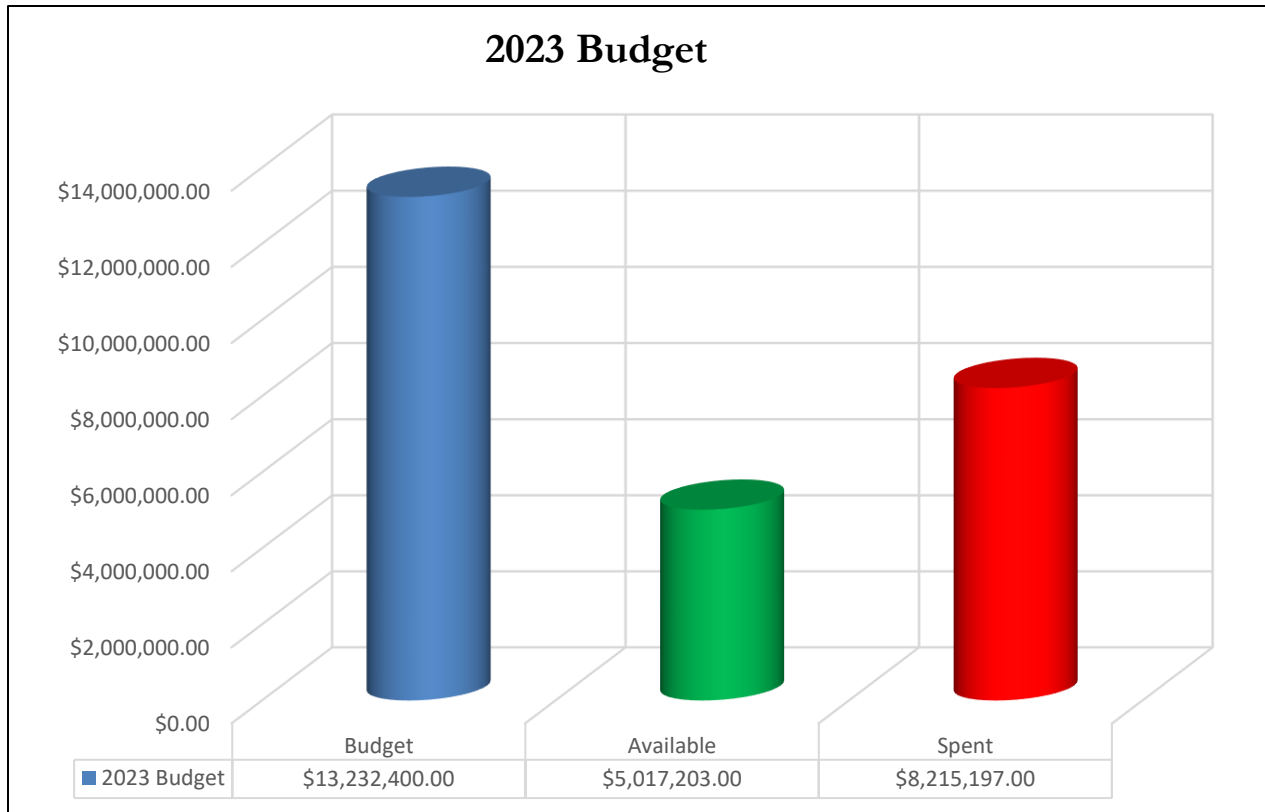
## EMS Incidents

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 August across 5 years.

### EMS Transports vs Non-Transports/Refusals Monthly Comparison



## ADMINISTRATION DIVISION



### Blood Drive – August 12, 2023

The Lake Zurich Fire Department partnered with Vitalant to host a blood drive at Station 1 on August 12, 2023. The organization, Vitalant provides the necessary blood components that loved ones need to survive, heal and overcome. When blood is donated with Vitalant, you have the potential to help hospital patients within your community and nationwide. We are happy to report that through this event, we had a total of 10 units donated that will impact the lives of 30 needed individuals.

The Lake Zurich Fire Department would like to extend their appreciation to those involved who donated blood as your contributions will quite literally help to save lives.

If you are interested in learning about blood donation and blood donor eligibility you can contact a representative from Vitalant at 847-260-2716. There are many locations in the Chicago land area, you can also find more information at: [Vitalant.org](https://www.vitalant.org).



## Congratulations!



Congratulations to Firefighter/Paramedic **Ethan Dahl** (*Pictured above/center*) & Firefighter/Paramedic **Jairo Portillo** (*Pictured above left/right*) on completing their probation!

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Congratulations to the following members on their retirement from the Lake Zurich Fire Department after 30 years of service!

*(Pictured left to right)*  
**Firefighter/Paramedic Ken Mogge**  
**Firefighter/Paramedic Eric Ryan**  
**Firefighter/Paramedic Mike Wiltgen**





## 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 August, Lake Zurich Fire participated in public education events including Station Tours, Block Parties, CPR classes, and Fire Drills.

We also attended two Touch-the-Truck events. The first was held at St. Francis Church (*pictured below/ left*) and the second was a Touch-the-Truck event hosted by Senator Dan McConchie on Saturday August 19 at the YMCA (*pictured below/ right*). In addition to a crew attending, the Lake Zurich Fire Explorer Post was also there. The Lake Zurich fire pole and a public education table were there as well for our members to hand out flyers on fire safety and plastic fire helmets for the kids.





# 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

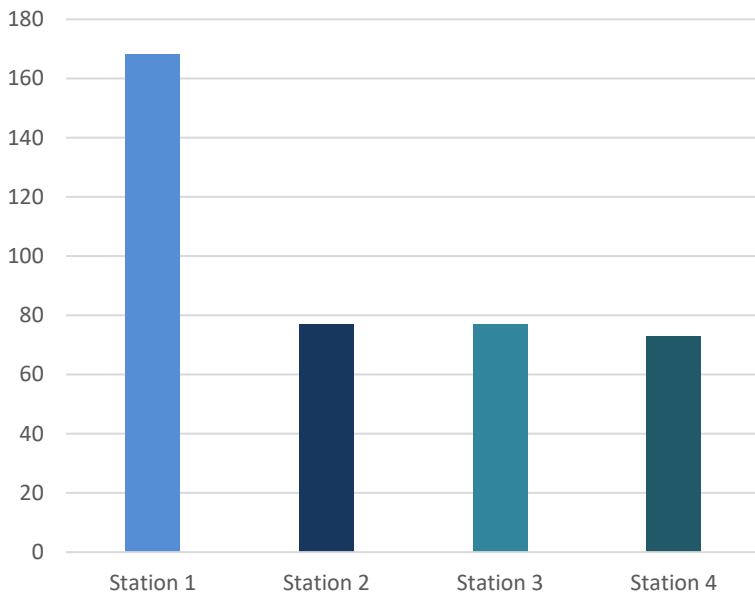
### APPARATUS & STAFFING

ENGINE 324  
AMBULANCE 324

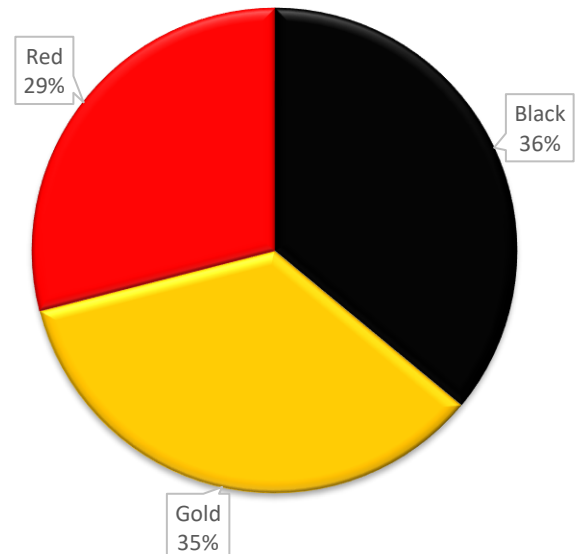


# OPERATIONS DIVISION

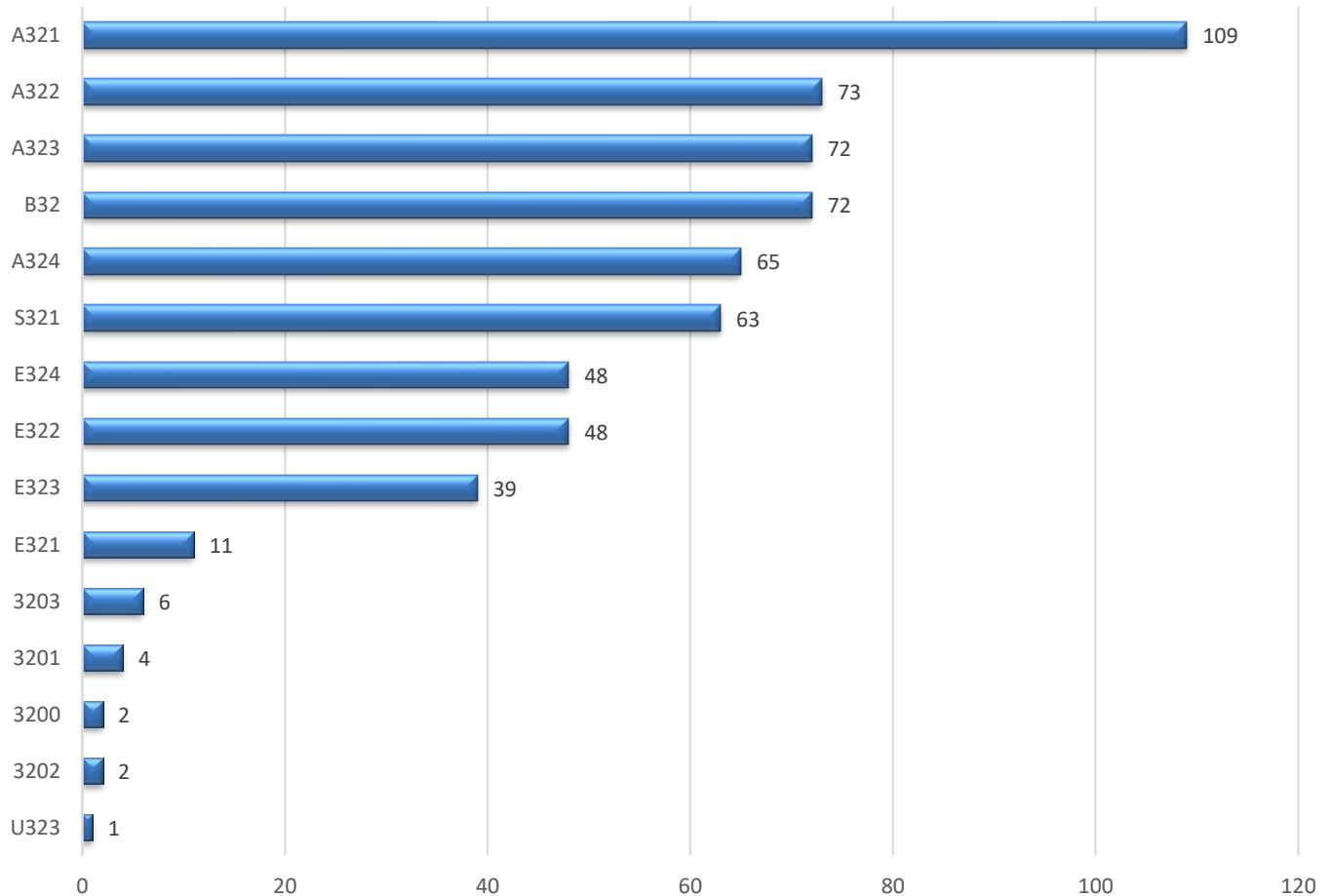
## Incident Count by Station



## Incident Percentage by Shift



## Incident Count by Unit

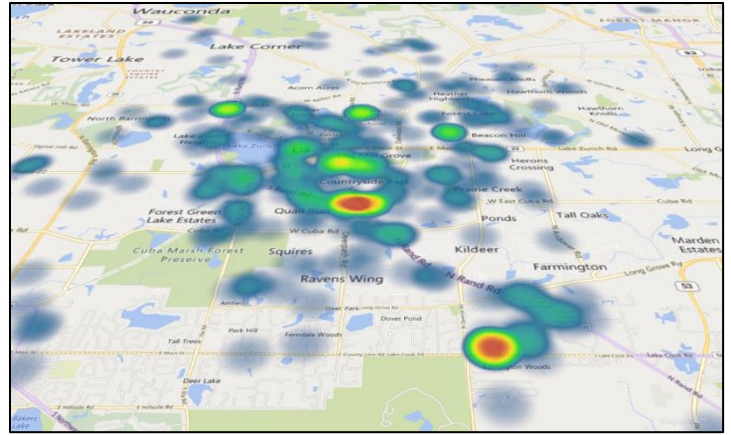


## Response Locations

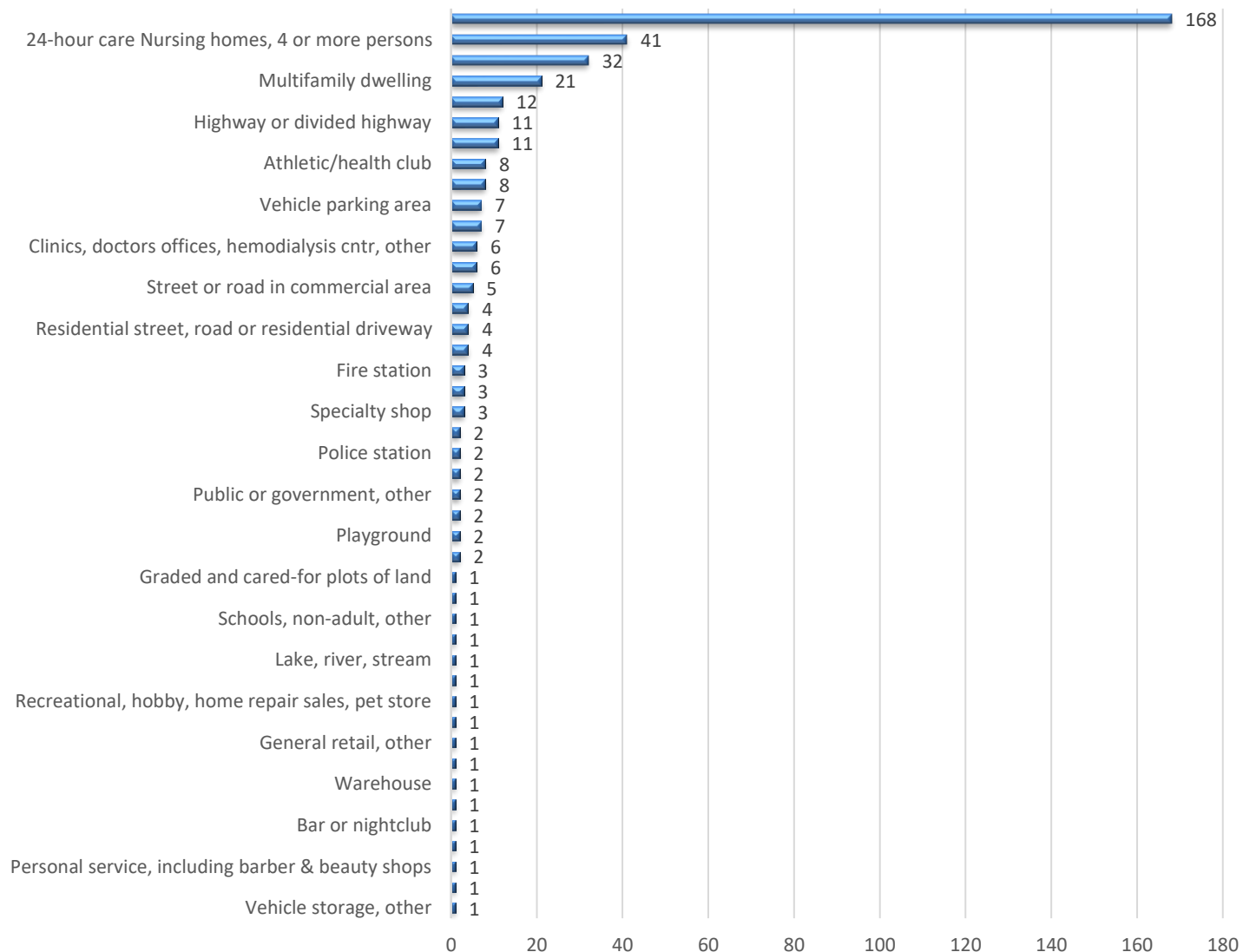
The graphic to the right is a visual representation of call distribution for August.

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.

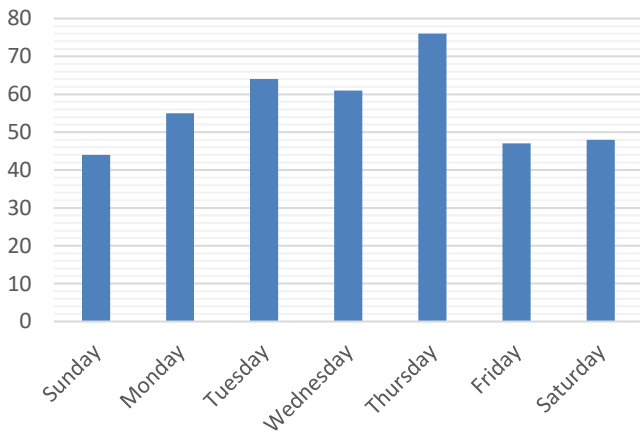
We frequently respond to doctor offices, health clinics, and automobile accidents near the Route 12 corridor.



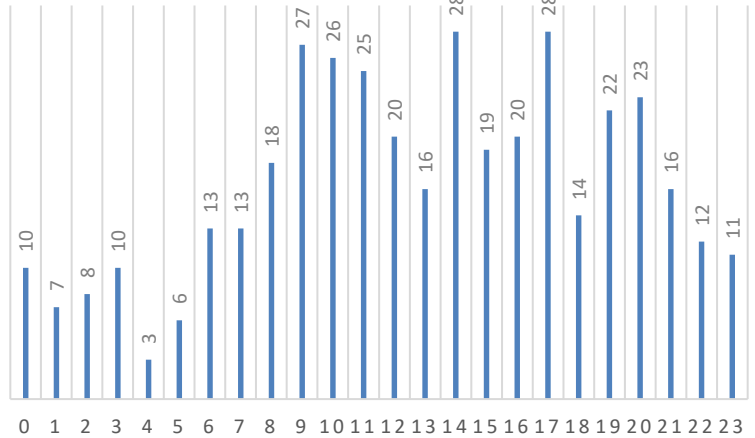
## Incidents by Property Type - August 2023



## DAY OF WEEK BREAKDOWN



## HOURLY BREAKDOWN OF INCIDENTS



## 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 August 2023.

Dispatch Time	Turnout Time
Average Dispatch Time <b>1 MINUTE, 13 SECONDS</b>	Average Turnout Time <b>0 MINUTES, 58 SECONDS</b>
Travel Time	Response Time
Average Travel Time <b>4 MINUTES, 26 SECONDS</b>	Average Response Time <b>5 MINUTES, 24 SECONDS</b>

# TRAINING DIVISION

## Fire Training:

- Rural Water Supply- Dual Tank operations
- Making the Stretch – Hose Line Advancement Drills
- Rope Operations
- Dry Hydrant Testing
- 2 weeks of New Hire Fire Academy
- Vertical Ventilation – Supporting the Nozzle Team
- Extrication
- Engineering – Department has 6 new Fire Apparatus Engineers in training
- Interior Rapid Intervention Team - Saving our Own

## EMS Training:

- Northwest Community Healthcare Continued Education
- New IDPH System Directives

## Special Team Training:

- Haul Systems – Skills Evaluations Rope Rescue Operations
- Extrication Basics
- Rescue Task Force – Gear Donning and Doffing

## Health and Safety Training:

- Firefighter Functional Fitness
- Stand Down for 55 – Heart Health and Lifestyle
- Stand Down for 55 – Fitness Initiative

## Administrative Training:

- Sexual Harassment – Quarterly Bulletin
- Officer Development

