



# FIRE DEPARTMENT

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## MONTHLY INFORMATION REPORT

**November 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 – NOVEMBER 2023

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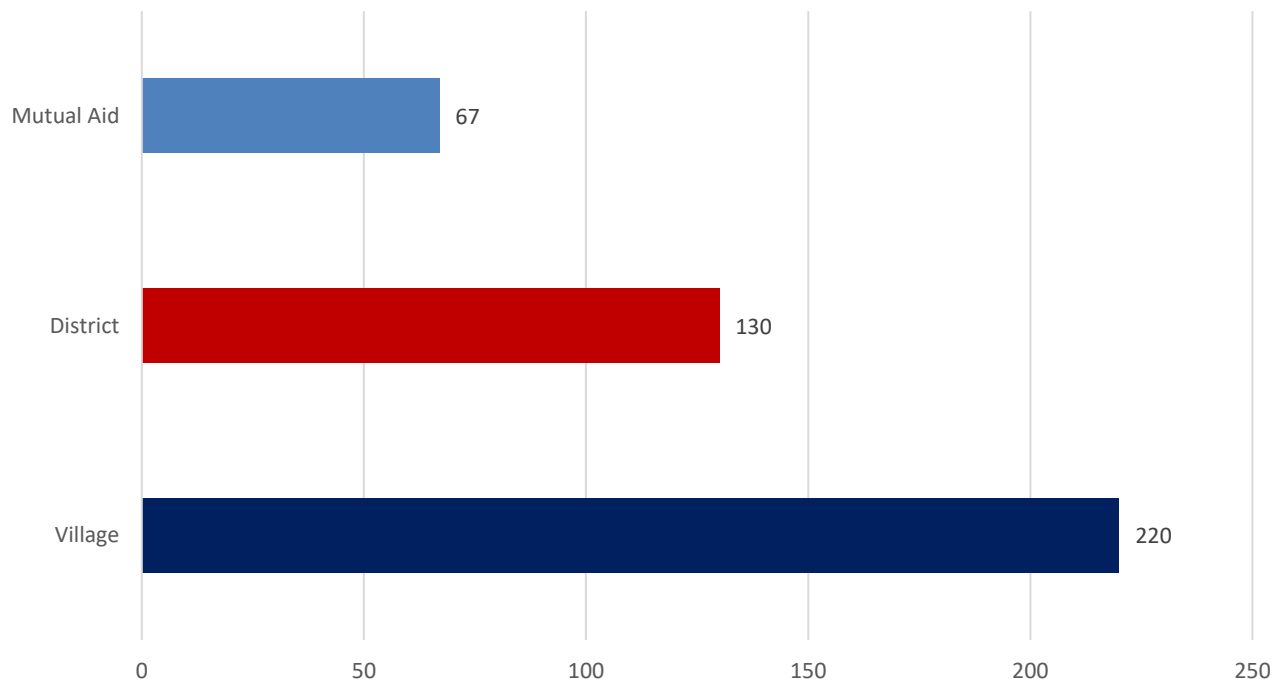
The Lake Zurich Fire Department provides a full range of professional and high-quality services to the Village of Lake Zurich and the Lake Zurich Rural Fire Protection District. We protect approximately 37,000 residents, many local businesses, and visitors across the twenty-five square mile combined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

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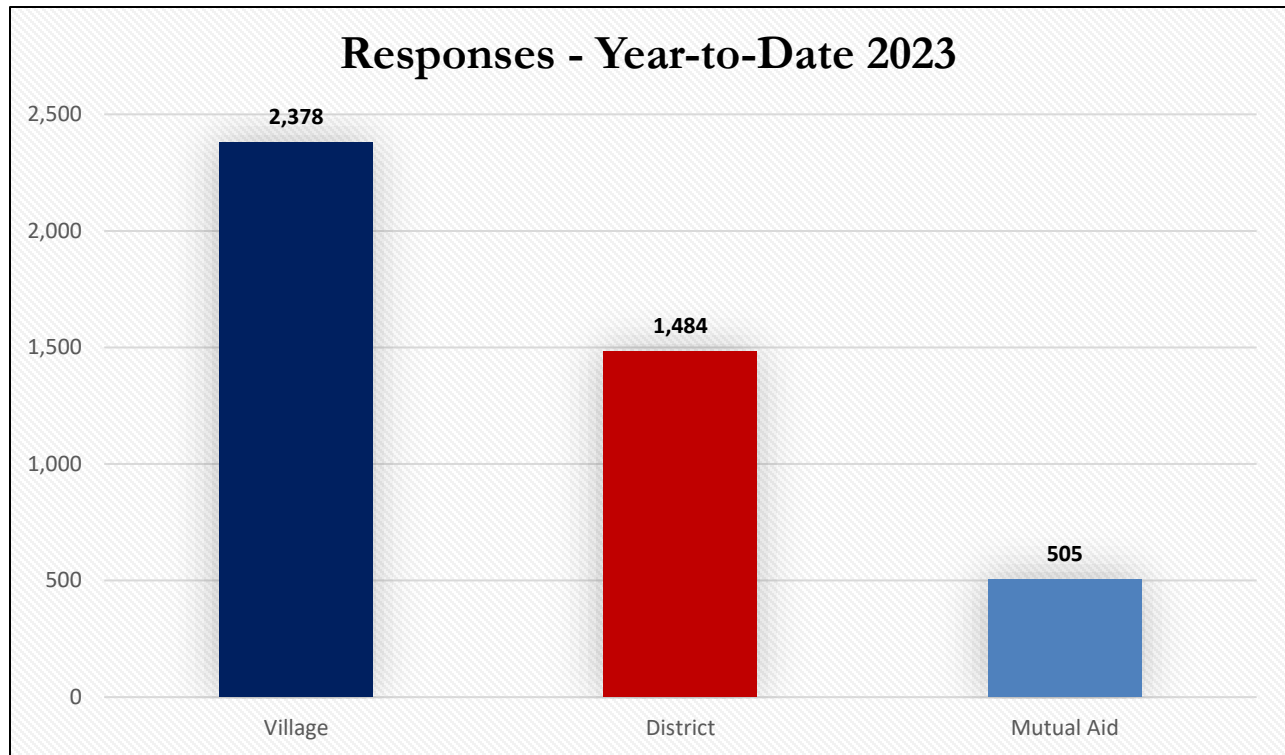
**417** Incidents – November 2023

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#### Responses - November 2023



**4,367** Incidents – Year to Date

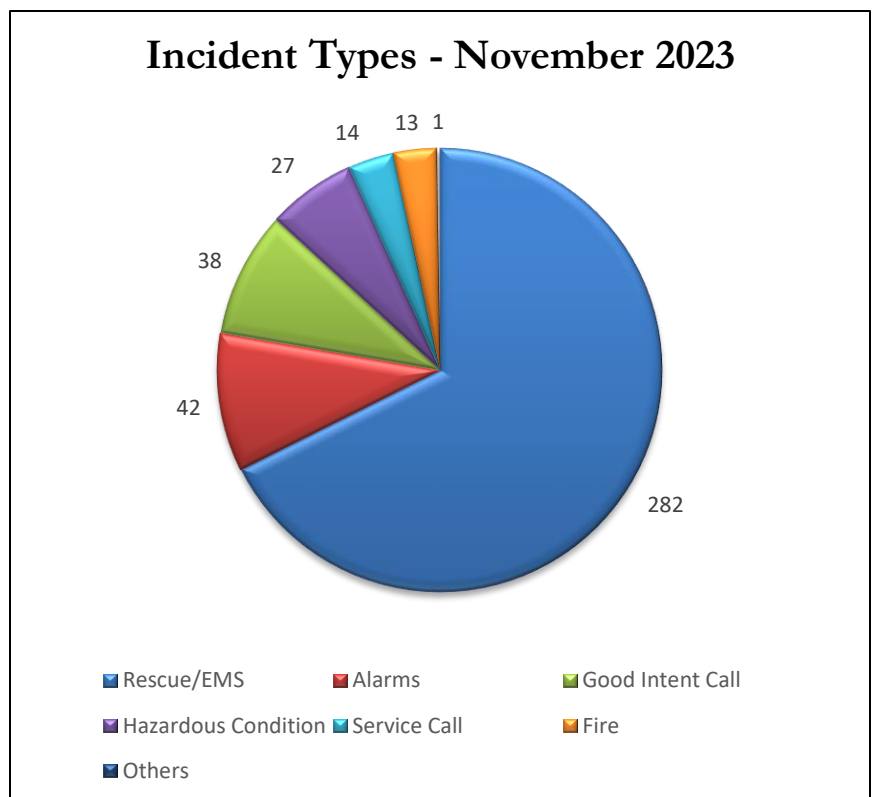


## Incident Types

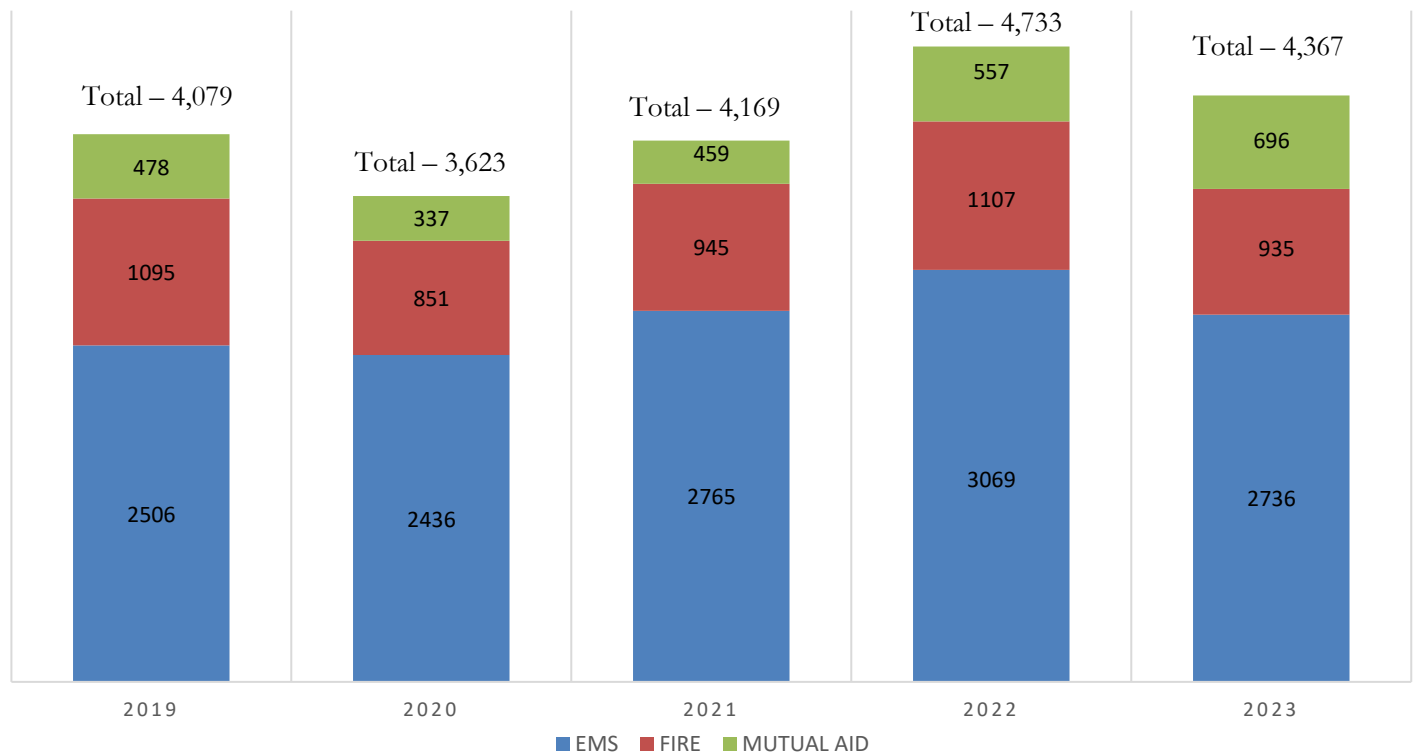
The Department codes all incidents within the National Fire Incident Reporting System (NFIRS).

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 November, **282** incidents were Rescue and EMS incidents.



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



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

#### WORKING FIRES

Total Count for 2023

**71**

#### INCIDENTS WITH PROPERTY VALUE CHANGE

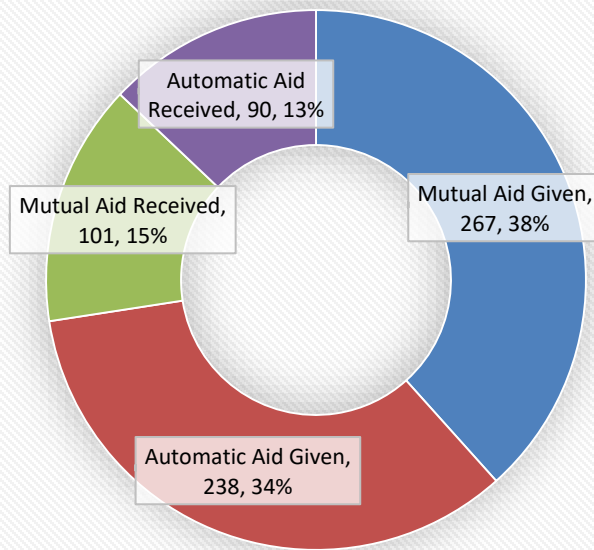
Count of Incidents with Property Loss – 2023

**35**

Percent of Property Value Saved

**84.84%**

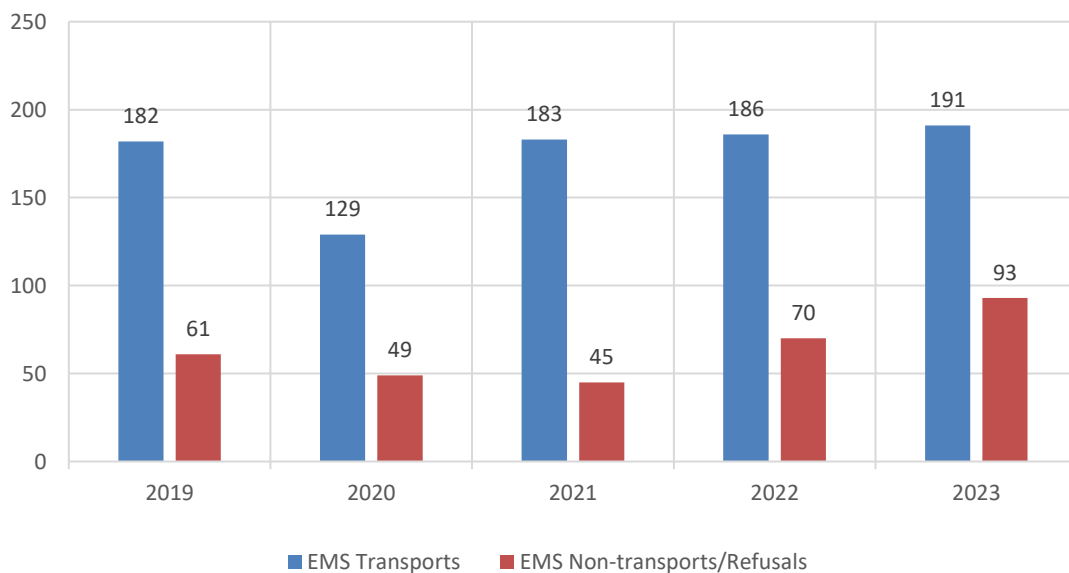
## Mutual Aid - Year-to-Date 2023



## EMS Incidents

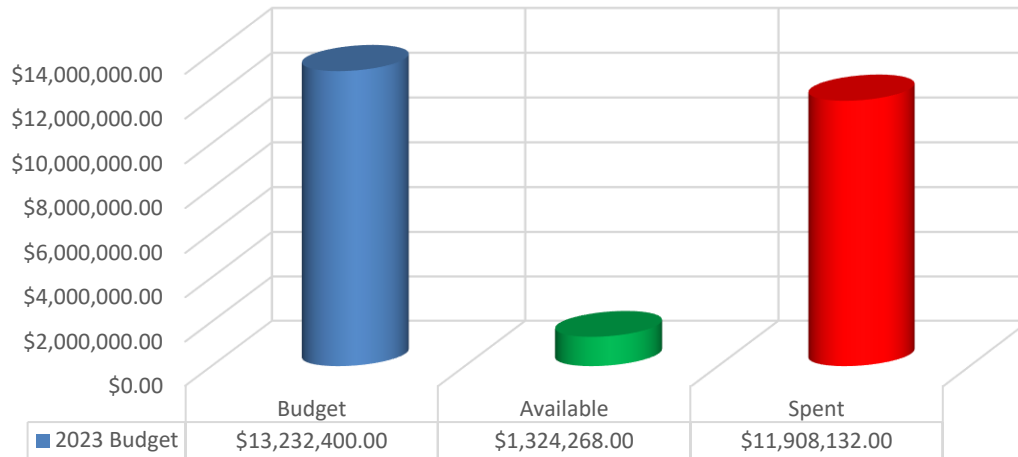
The chart shown below reflects EMS Transports vs. Non-Transports/Refusals. It's important to note that not every EMS call will result in a transport to the hospital. However, as you'll see from the data, transports always outpace Non-Transports/Refusals. This chart below compares the month of November across 5 years.

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



# ADMINISTRATION DIVISION

## 2023 Budget



Congratulations to Anthony Campbell on his promotion to Lieutenant! (Pictured above/ left)

Congratulations to Firefighter/Paramedic Collin Boeckmann and Lieutenant Spencer Cornell on their 10 years of service with the Lake Zurich Fire Department! (Pictured above/ right)

Congratulations to Firefighter/Paramedic Dan Frano on his Vehicle and Machinery Operations and Fire Apparatus Engineer certifications! (Pictured left)





Congratulations to Firefighter/Paramedic Brian Stodola and Firefighter/Paramedic Jon Corral on their 5 years with the Lake Zurich Fire Department.

Also, to FF/PM Corral on his Vehicle and Machinery Operations certification!

*(Pictured left)*



Happy Thanksgiving from the Lake Zurich Fire Department! Our Black Shift crew is pictured left enjoying their dinner. We hosted a "bags tournament" at Station 1 for 30 Navy recruits on Thanksgiving morning. A special thank you to New Life Lutheran Church in Lake Zurich for sponsoring the event for the recruits. *(Pictured right)*



## 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. We also monitor fire and severe weather drills in schools. The Department also provides CPR and First-Aid training.

Pictured to the left is our Engine 324 which escorted Santa for his arrival at the Deer Park Town Center.



## Keep the Wreath Red

In 1980, the Illinois Fire Chiefs Association adopted a new program called “Keep the Wreath Red.” This program was founded by the Naperville (IL) Fire Department in 1954. Keep the Wreath Red has become an annual event, with fire departments participating all across Illinois. We designed the program to focus on safety awareness while decorating our homes for the holidays.

How the program works is quite simple; the local fire department places a wreath on the front of their building and lights it with a string of red lights. The wreaths remain lit twenty-four hours a day throughout the holiday season. Whenever a fire occurs due to holiday decorations, a white bulb replaces a red bulb on the wreath—serving as a constant reminder to practice safety while installing and displaying holiday decorations.

Some suggestions to help make this holiday season safer are:

- ✓ Keep the use of extension cords to a minimum,
- ✓ If used, make sure they are free of cracked or split insulation and have appropriate grounding plugs,
- ✓ Keep all electrical wiring out of walkways or places where they may become pinched or worn,
- ✓ Read the packaging for all lights to be sure you are not overloading your electrical circuits,
- ✓ Check the electrical wiring often for possible problems,
- ✓ Do not use candles on or near combustible decorations,
- ✓ Do not leave burning candles unattended.



Further safety tips for enjoying your holidays are available at <https://www.nfpa.org/Public-Education/Fire-causes-and-risks/Seasonal-fire-causes/Winter-holidays>



# 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

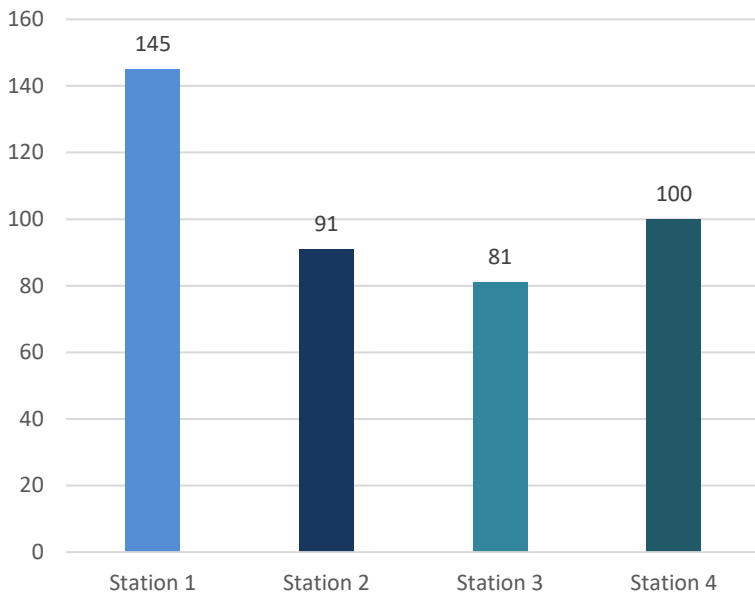
### APPARATUS & STAFFING

ENGINE 324  
AMBULANCE 324

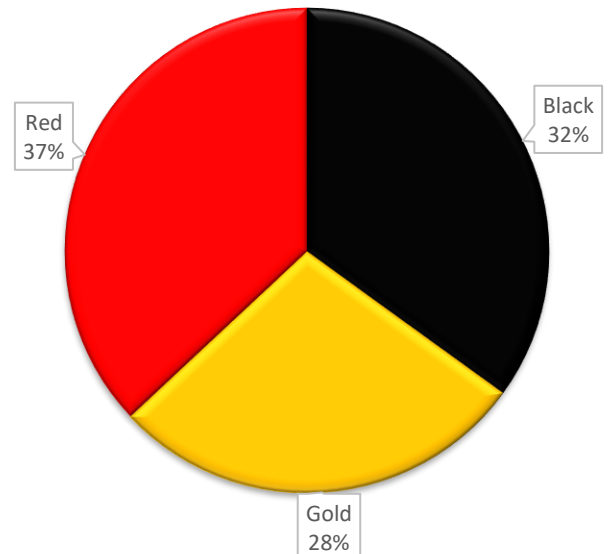


# OPERATIONS DIVISION

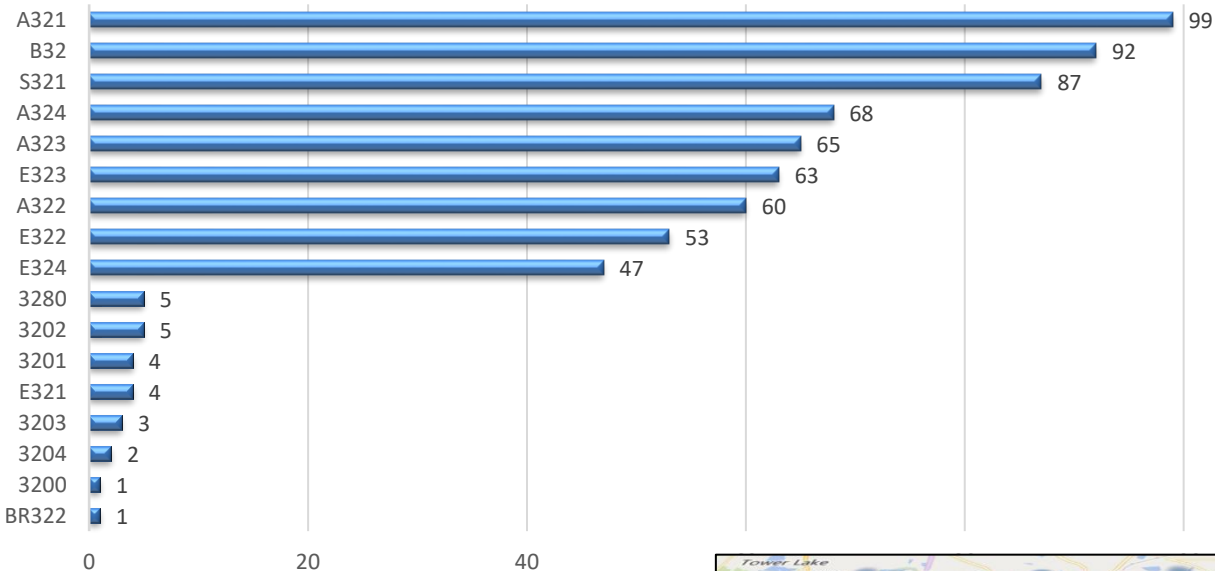
## Incident Count by Station



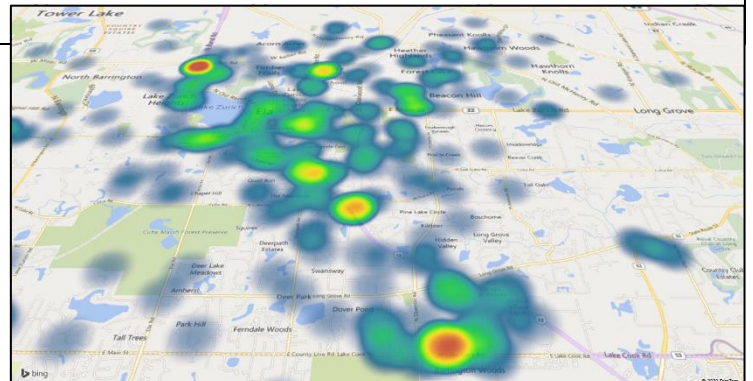
## Incident Percentage by Shift



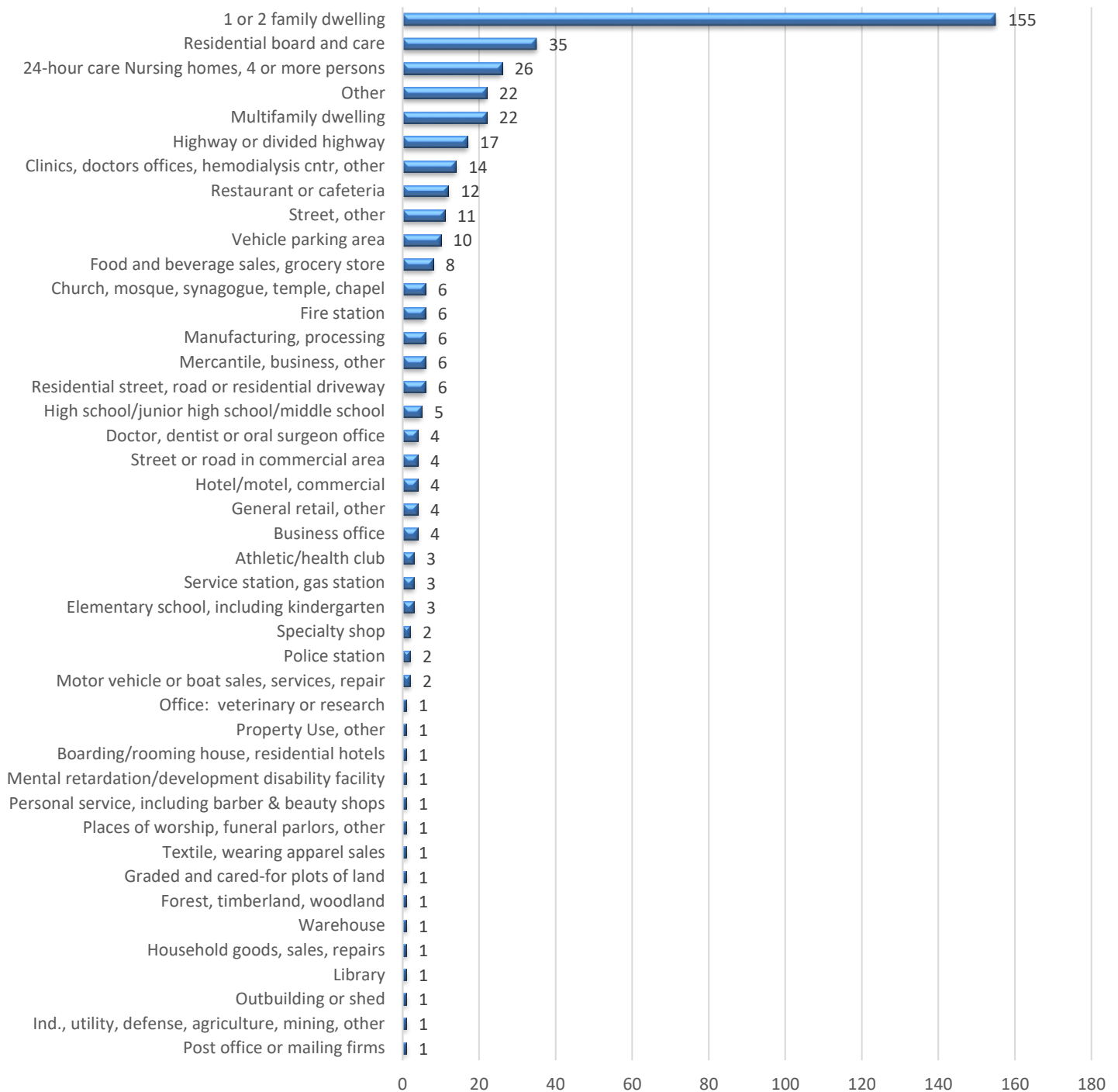
## Incident Count by Unit



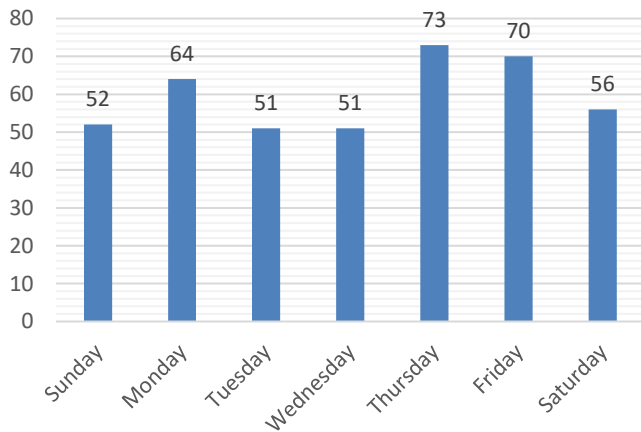
**Response Locations** The graphic to the right is a visual representation of call distribution for November. As visually displayed, the assisted living/memory care facilities are a large portion of our department calls and are consistently within the top locations responded to each month. We frequently respond to doctor offices, health clinics, and automobile accidents near the Route 12 corridor.



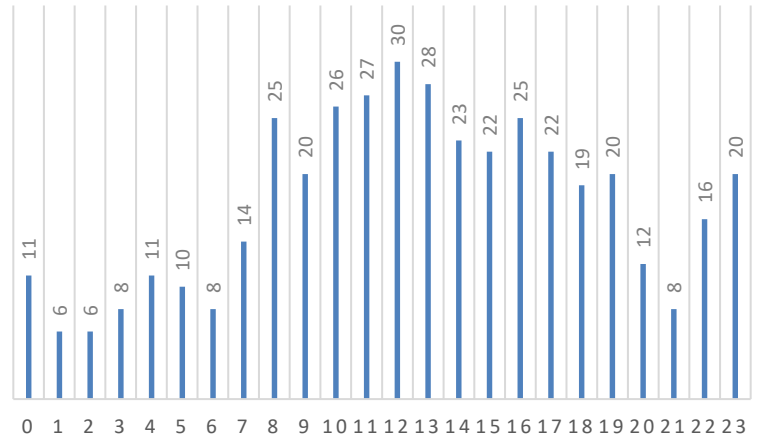
## Incidents by Property Type - November 2023



## 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 November 2023.

Dispatch Time	Turnout Time
Average Dispatch Time <b>1 MINUTE, 06 SECONDS</b>	Average Turnout Time <b>1 MINUTE, 06 SECONDS</b>
Travel Time	Response Time
Average Travel Time <b>4 MINUTES, 34 SECONDS</b>	Average Response Time <b>6 MINUTES, 26 SECONDS</b>



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# TRAINING DIVISION

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## Fire Training:

- Tactical Deployment Model H.O.T 23.1- Initial Operations Residential
- Firefighter Rescue – John Nance Drill
- Hose Testing
- Engineering – Department has 6 new Fire Apparatus Engineers in training
- Elevator Training

## EMS Training:

- Northwest Community Healthcare Continued Education - NEMSIS V3.5 Reports
- Quarterly Intubations
- Blood Borne Pathogens

## Special Team Training:

- Heavy Rescue – Stabilization and Extrication
- Paratech Strut In-Service – Stabilization and Lifting
- Air Chisel In-Service
- TRT – MABAS County Level Training
- Wildland – County Level Training
- Haz Mat – County Level Training

## Health and Safety Training:

- Weekly Group Functional Fitness – To serve and protect

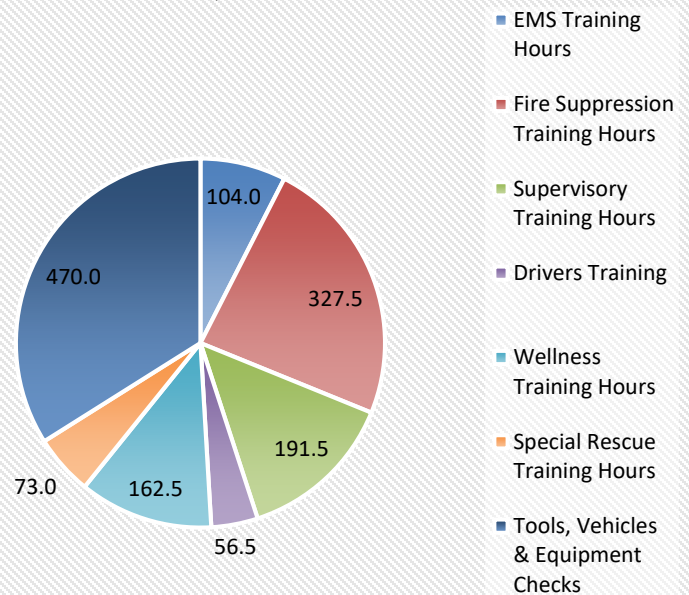
## Administrative Training:

- Sexual Harassment – Quarterly Bulletin
- Professional Development

## Outside Training:

- **Firefighter/Paramedic Jacob Rowe** – Fire Service Vehicle Operator
- **Firefighter/Paramedic Ryan Bene** - Fire Service Instructor II
- **Firefighter/Paramedic Alex Tanner** – Responder Intervention Team
- **Lieutenant Jeff Wascow** – Scott Repair Technician Level II
- **Lieutenant Justin Brooks** – Scott Repair Technician Level II
- **Lieutenant Jason Henriksen** – Advanced Fire Officer
- **Lieutenant Clayton Booth** – Calming the Chaos (Incident Command)

## Monthly Training Hours - 1,385.00 Total



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# FIRE PREVENTION BUREAU

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## **Fire Incidents/Investigations:**

11/3/2023 – Car Fire at Miller & Rand Road

11/15/2023 – Structure Fire at 115 Old Oak Road – North Barrington

## **Inspections and Alarm Follow Ups:**

11/2/2023 – Knox Box – New Keys for 48 S. Old Rand Road

11/3/2023 –Knox Box Keys for 904, 932, 940, 972 Donata Court

11/3/2023 – Halloween Party-Haunted House Inspection at Middle School North

11/8/2023 – Alarm follow up at 890 S. Rand Road

11/8/2023 – Knox Box Relocation at 377 N. Rand Road

11/8/2023 – Meeting and video interview with Chamber

11/8/2023 – Pull Station key follow up at 945 Telser Road

11/8/2023 – Pull Station/ Annunciator key follow up at Village Hall

11/9/2023 – Alarm Follow Up at 444 Rand Road (Old Chase Bank)

11/13/2023 – Alarm Follow Up at 700 E. Hwy 22 (Rosati's)

11/15/2023 – Knox Box key at 945 Telser (Bish)

11/16/2023 – Alarm Follow Up at 1221 Flex Court

11/16/2023 – Alarm Follow Up at 551-565 W Highway 22

11/16/2023 – Alarm Follow Up at 473 S. Route 12

11/17/2023 – Knox Box at 105 Roman Lane

11/17/2023 – Alarm Follow Up at 567 N. Rand Road

11/17/2023 – Alarm Follow Up at 21925 Field Parkway

11/20/2023 - Alarm Follow Up at 555 Oakwood Road

11/20/2023 - Alarm Follow Up at 635 Oakwood Road

11/20/2023 - Alarm Follow Up at 473 S. Rand Road

11/20/2023 - Alarm Follow Up at 567 N. Rand Road

11/20/2023 - Alarm Follow Up at 20771 N. Rand Road C3

11/20/2023 - Alarm Follow Up at 20530 N. Rand Road Building 300

11/21/2023 – Supervisory Alarm at 742 S. Rand Road (Popeyes)

11/22/2023 – Supervisory Alarm at 21690 W. Long Grove Road

11/27/2023 – Alarm Follow Up at 47 Church Street St Peter Church

11/27/2023 – Alarm follow up at 1111 Rose

11/28/2023 – Alarm System Service Call at 47 Church Street St Peter Church

11/28/2023 – Alarm Follow Up at Deer Park Place Townhomes 20509

11/28/2023 – Alarm Follow Up at Deer Park Place Townhomes 20534

11/28/2023 – Alarm Follow Up at Deer Park Place Townhomes 20574

11/28/2023 – Alarm Follow Up at Deer Park Place Townhomes 20614

11/28/2023 – Alarm Follow Up at Deer Park Place Townhomes 20619

11/29/2023 – Flow test at 20393 N. Rand Road in Kildeer (Rogers Pump)

11/29/2023 – Meet with Flex Construction for Alarm System Repairs at 1111 Rose

11/29/2023 – Alarm follow up at 795 N. Rand Road (Azpira Place)

11/30/2023 - Knox Box Relocation at 430 Telser Road

- **7 Final Occupancy Inspections**
- **4 New Sprinkler Systems/Hydro**
- **3 New Fire Alarm**
- **25 Fire Alarm Follow-ups**
- **6 Knox Box**
- **2 Ceiling**
- **1 Fire Pump**
- **1 Flush Test/Witness**
- **2 Other Suppression-Hood**

### **Annual Fire Inspections:**

The Fire Prevention Bureau conducted **77** Annual Property Inspections in November.

### **Meetings and Other Activities:**

11/1 /2023 – Rock the Block Meeting with Bonnie Caputo at Police Department  
 11/6,7/2023 – NIFIA Symposium in Gurnee  
 11/9/2023 – Inspection Consultation at 505 Oakwood Suite 180 - Lake Zurich  
 11/9/2023 – Inspection Consultation at 815 Oakwood Unit C - Lake Zurich  
 11/9/2023 – Inspection Consultation at 330 IL Route 22 Lake Zurich  
 11/11/2023 – Deer Park Fireworks - Christmas Event  
 11/13/2023 – Fire District Board Meeting  
 11/30/2023 – Northern Illinois Fire Inspectors Association meeting in Mundelein

### **Fire Drills:**

11/3/2023 – Fire Drill at 940 Telser Road  
 11/3/2023 – Fire Drill at 945 Telser Road  
 11/10/2023 – Fire Drill at Village Hall  
 11/27/2023 – Fire Drill at Village Hall

**Plan Reviews:** The FPB completed 28 Plan Reviews taking 31.5 plan review hours.