



FIRE DEPARTMENT

MONTHLY INFORMATION REPORT

November 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.

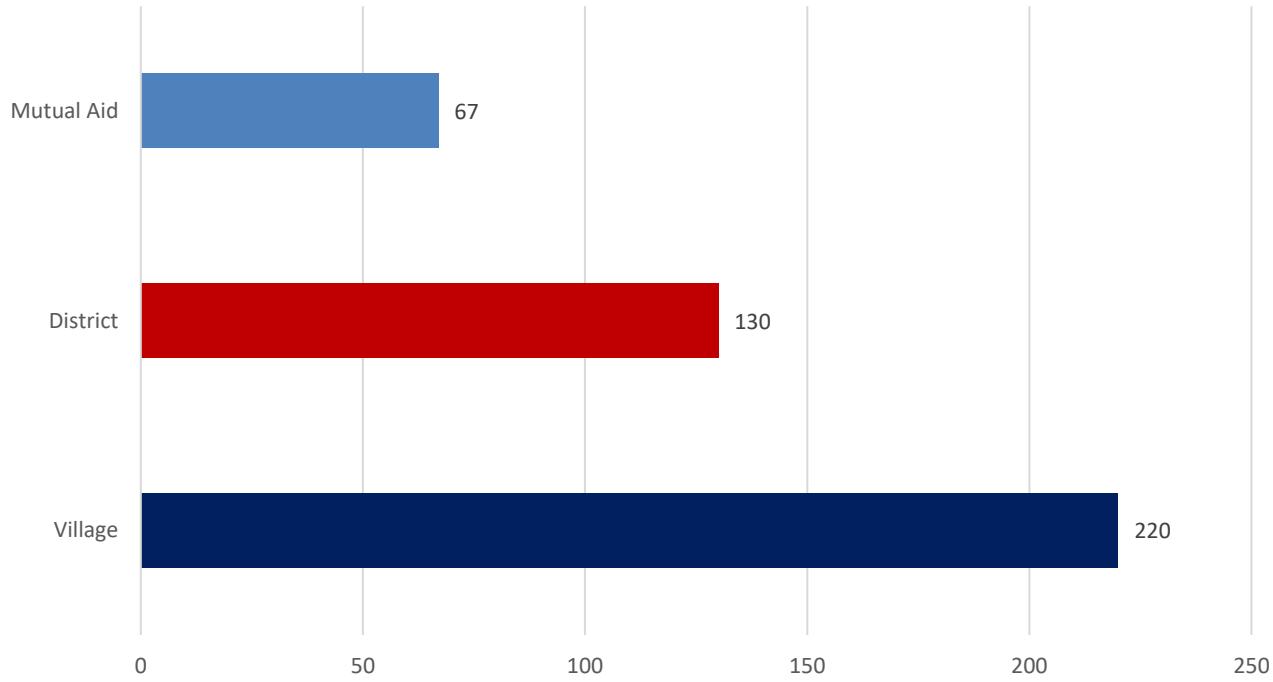
OUR VALUES: Professionalism, Responsibility, Integrity, Dedication, Honor

EXECUTIVE SUMMARY – NOVEMBER 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.

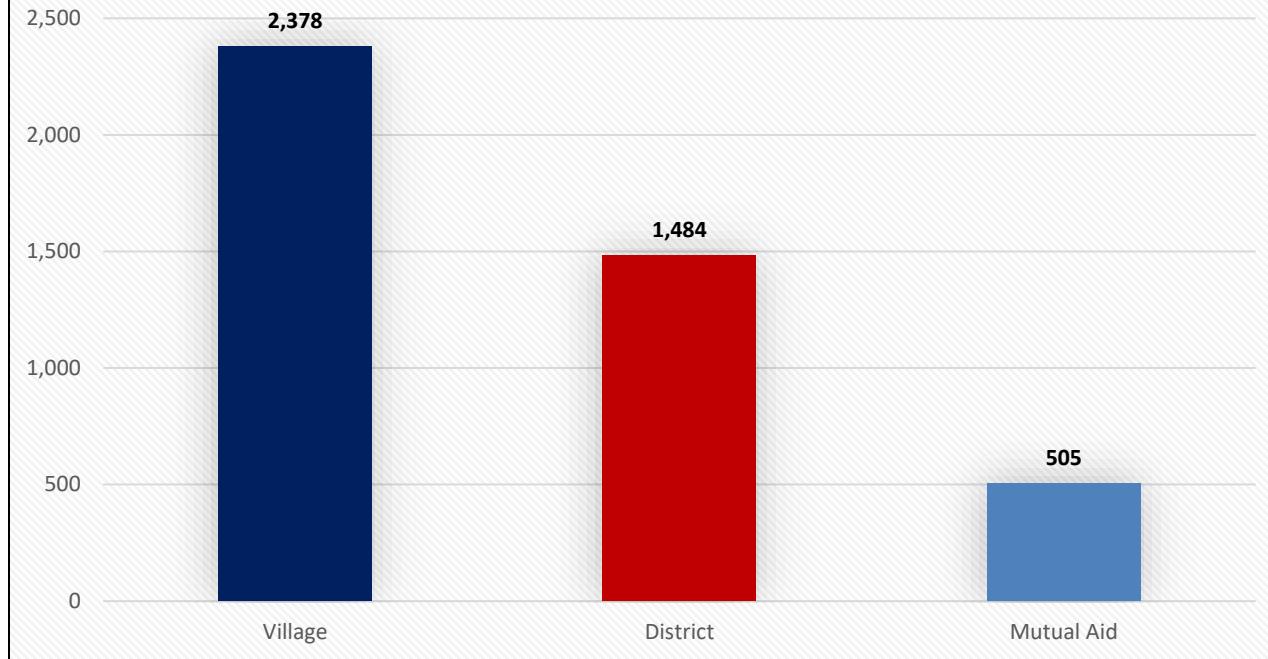
417 Incidents – November 2023

Responses - November 2023



4,367 Incidents – Year to Date

Responses - Year-to-Date 2023



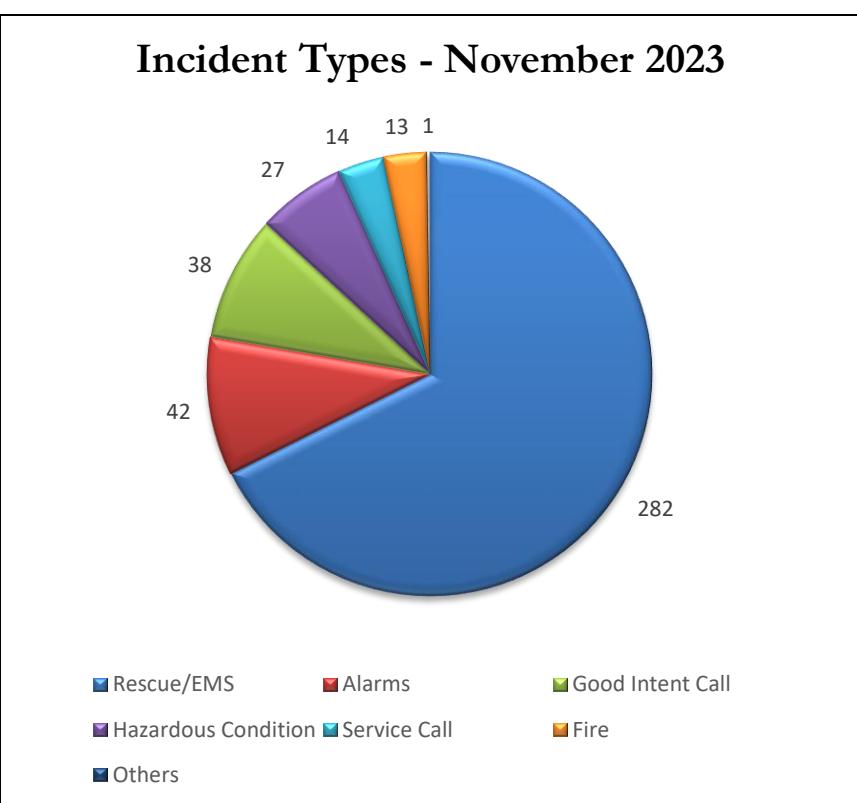
Incident Types

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

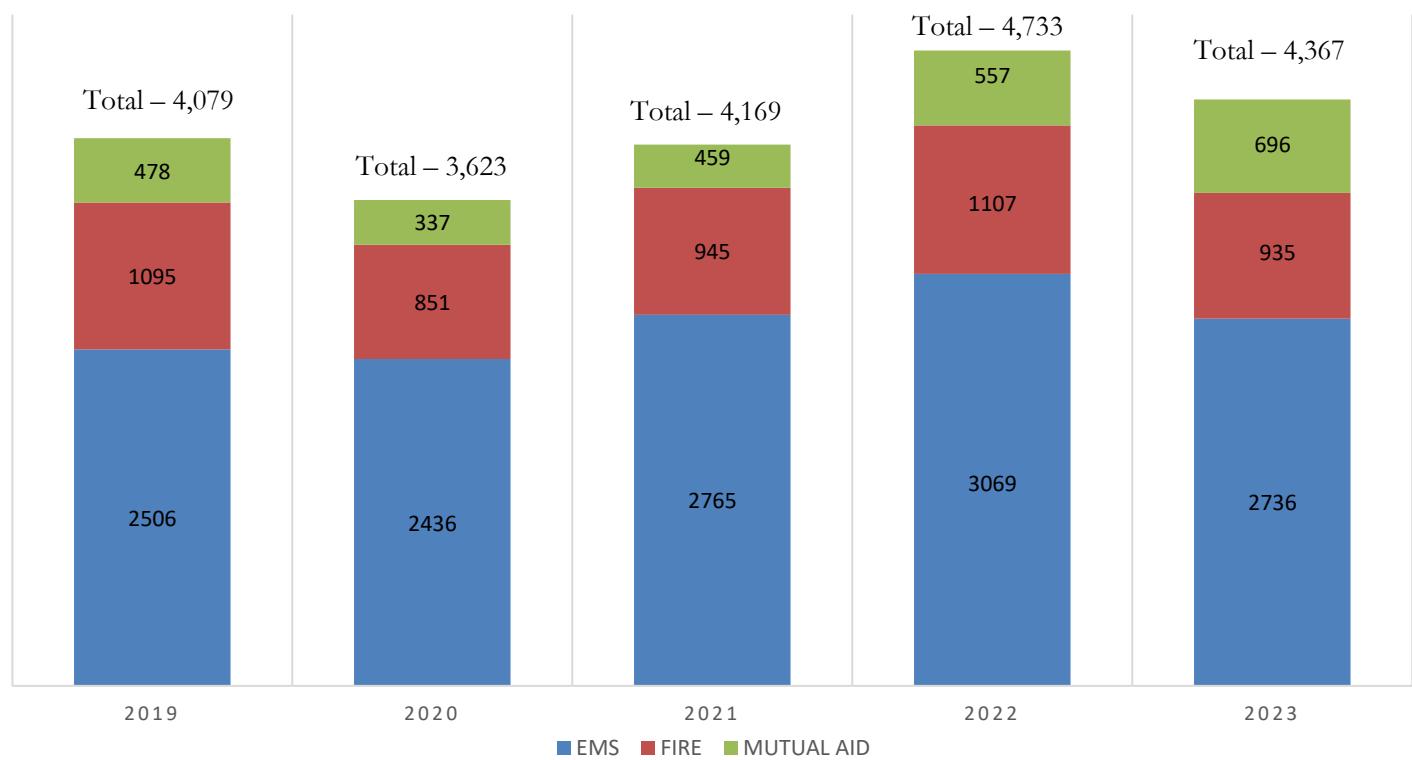
The codes all relate to the text categories noted in the chart to the right. Rescue and EMS incidents account for the majority of incidents we respond to.

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

Incident Types - November 2023



EMS/FIRE/MUTUAL AID YEAR-TO-DATE



Fire Incidents (Year-to-Date)

WORKING FIRES

Total Count for 2023

71

INCIDENTS WITH PROPERTY VALUE CHANGE

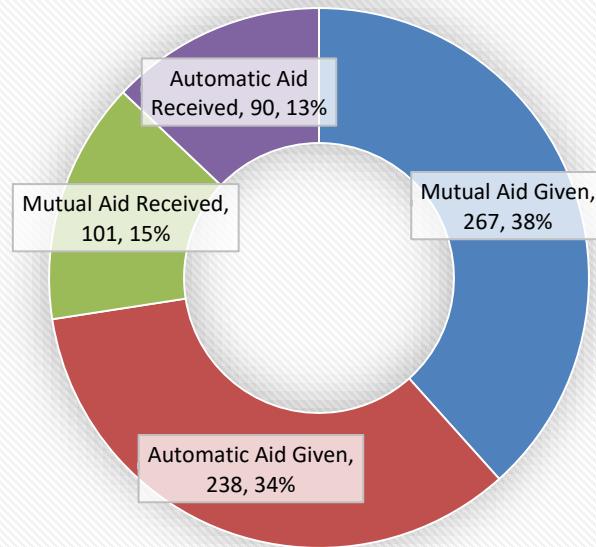
Count of Incidents with Property Loss – 2023

35

Percent of Property Value Saved

84.84%

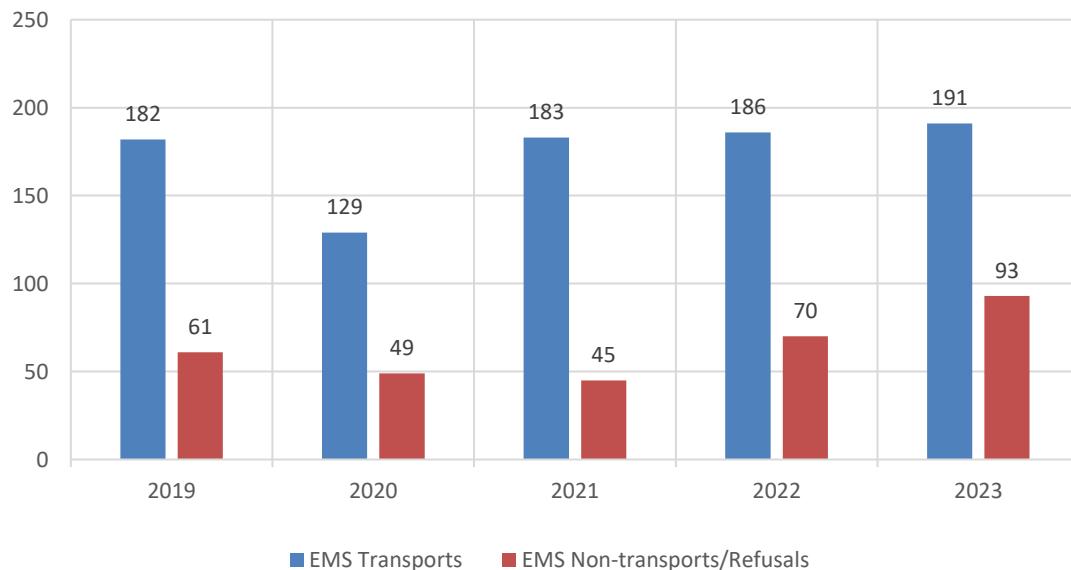
Mutual Aid - Year-to-Date 2023



EMS Incidents

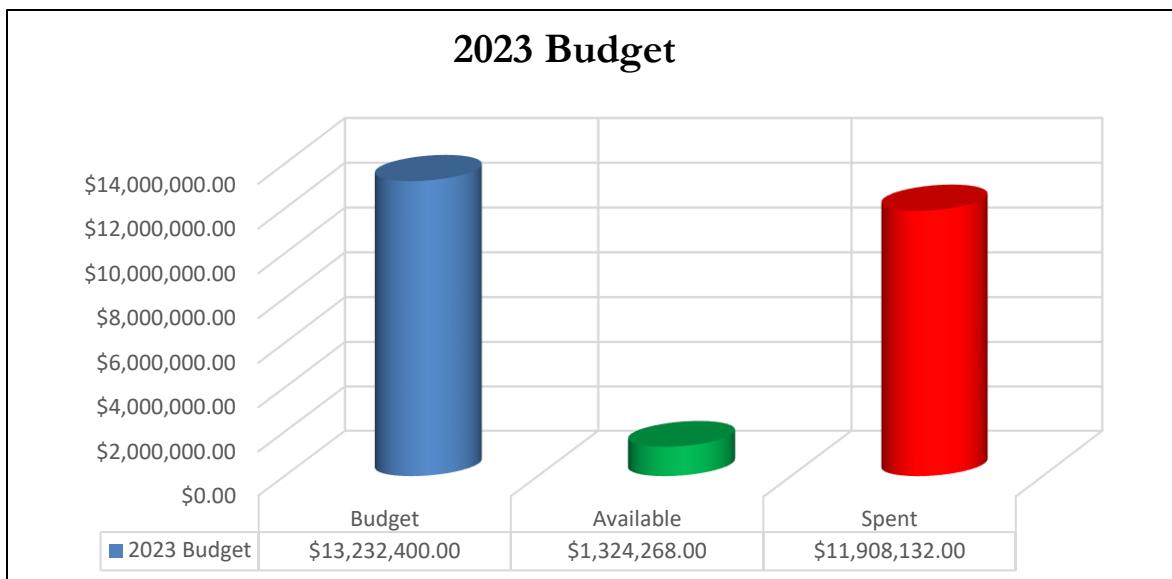
The chart shown below reflects EMS Transports vs. Non-Transports/Refusals. It's important to note that not every EMS call will result in a transport to the hospital. However, as you'll see from the data, transports always outpace Non-Transports/Refusals. This chart below compares the month of November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

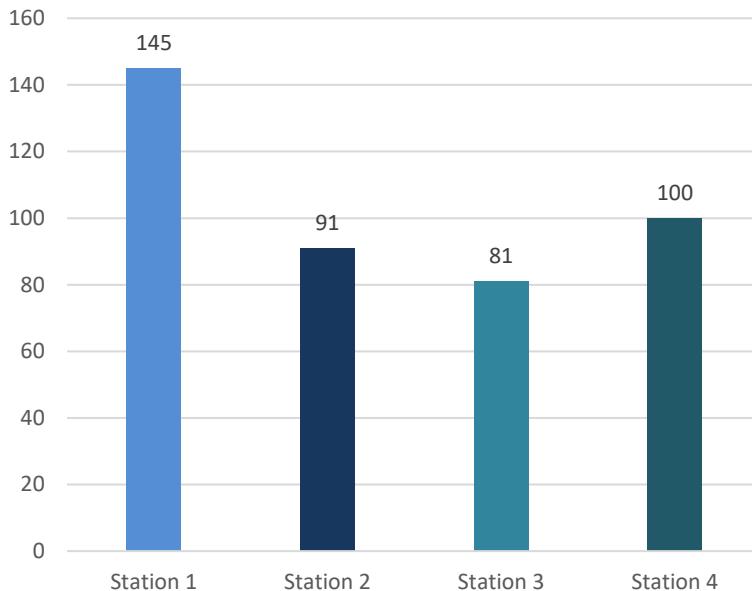
ENGINE 324

AMBULANCE 324

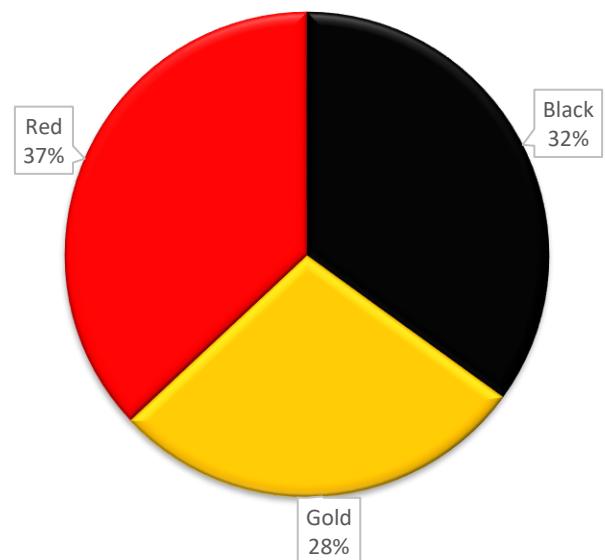


OPERATIONS DIVISION

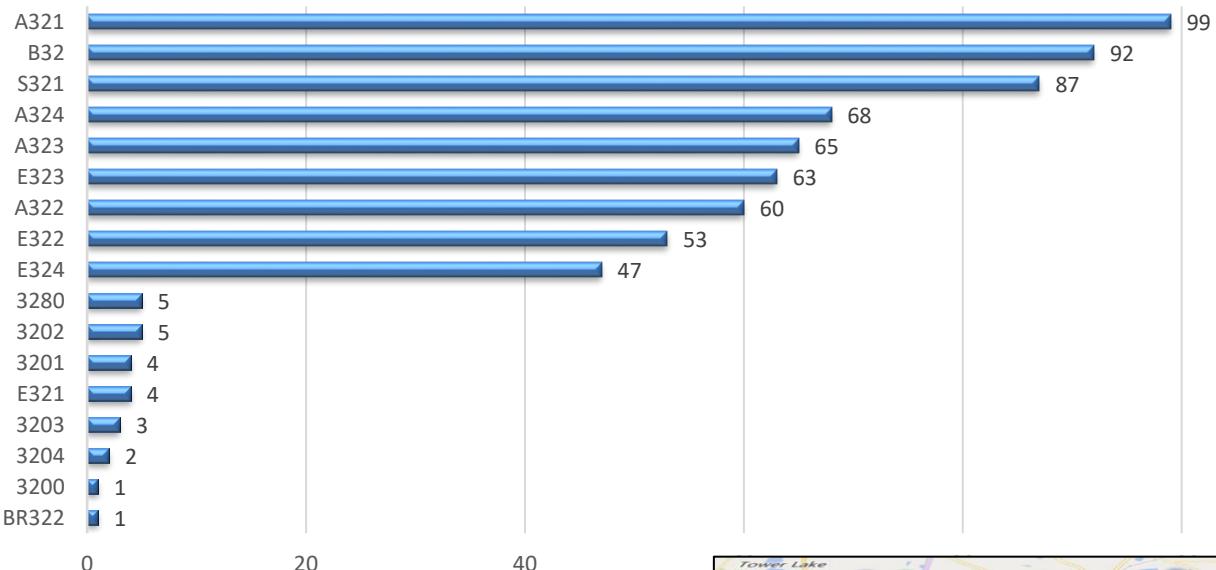
Incident Count by Station



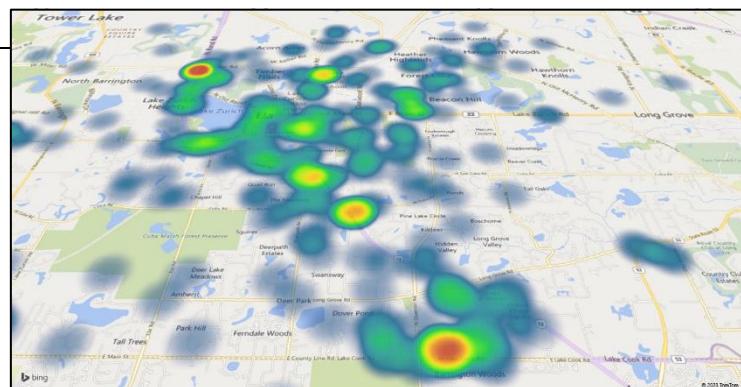
Incident Percentage by Shift



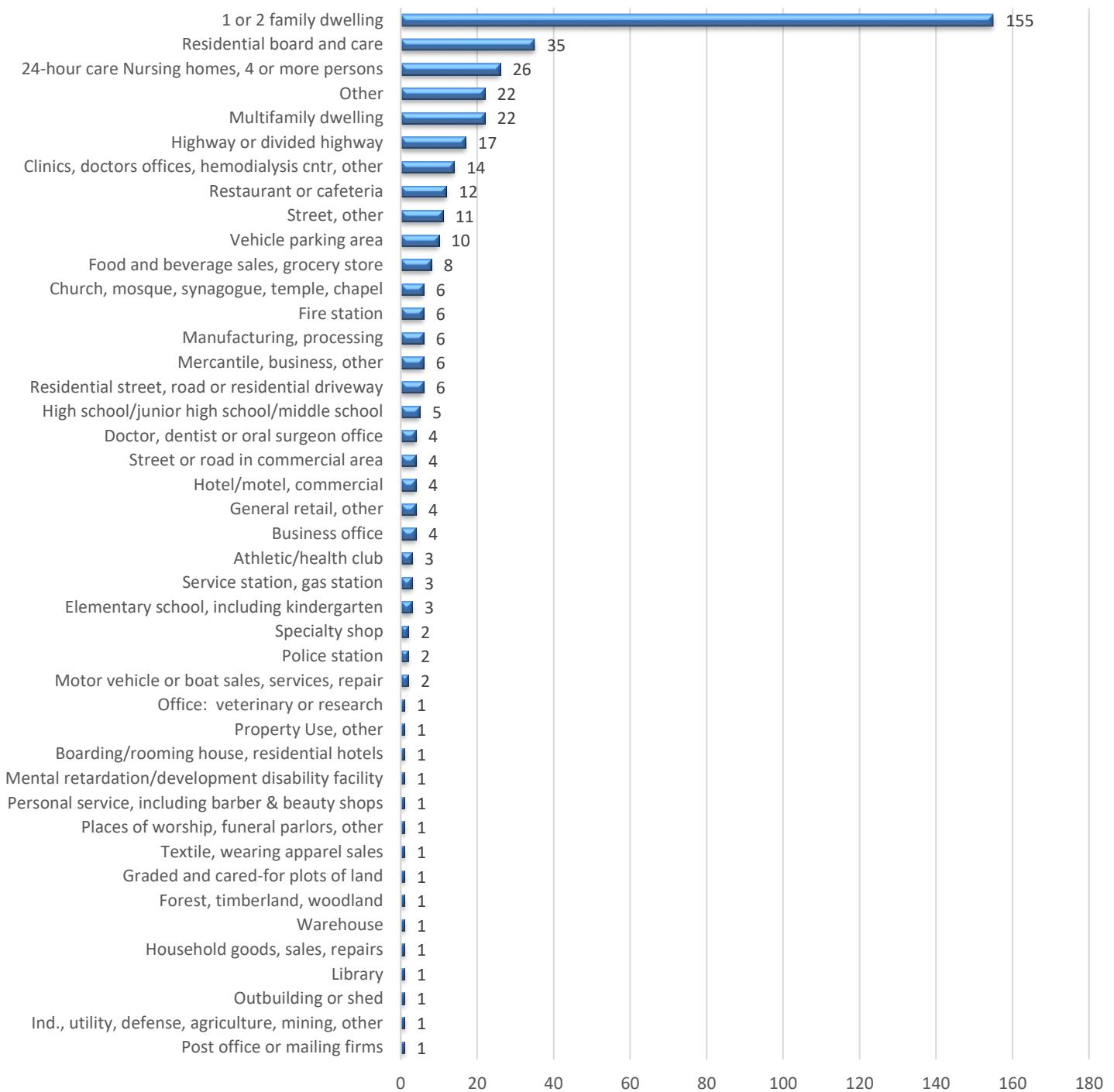
Incident Count by Unit



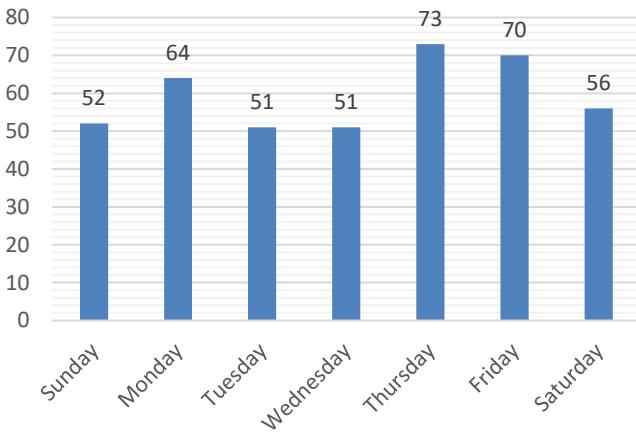
Response Locations The graphic to the right is a visual representation of call distribution for November. As visually displayed, the assisted living/memory care facilities are a large portion of our department calls and are consistently within the top locations responded to each month. We frequently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



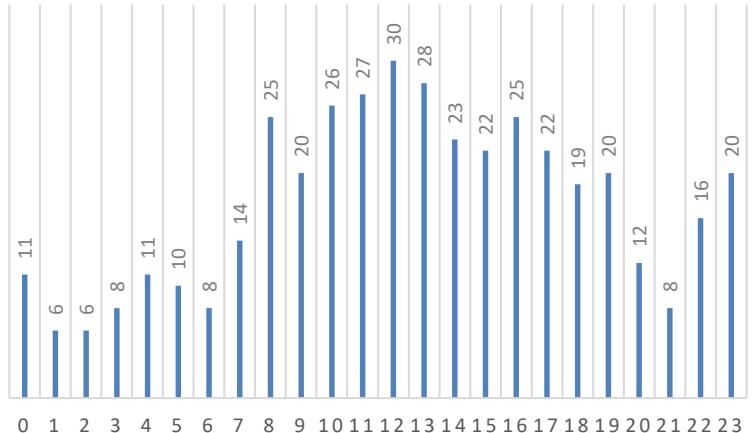
Incidents by Property Type - November 2023



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 1 MINUTE, 06 SECONDS	Average Turnout Time 1 MINUTE, 06 SECONDS
Travel Time	Response Time
Average Travel Time 4 MINUTES, 34 SECONDS	Average Response Time 6 MINUTES, 26 SECONDS

TRAINING DIVISION

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:

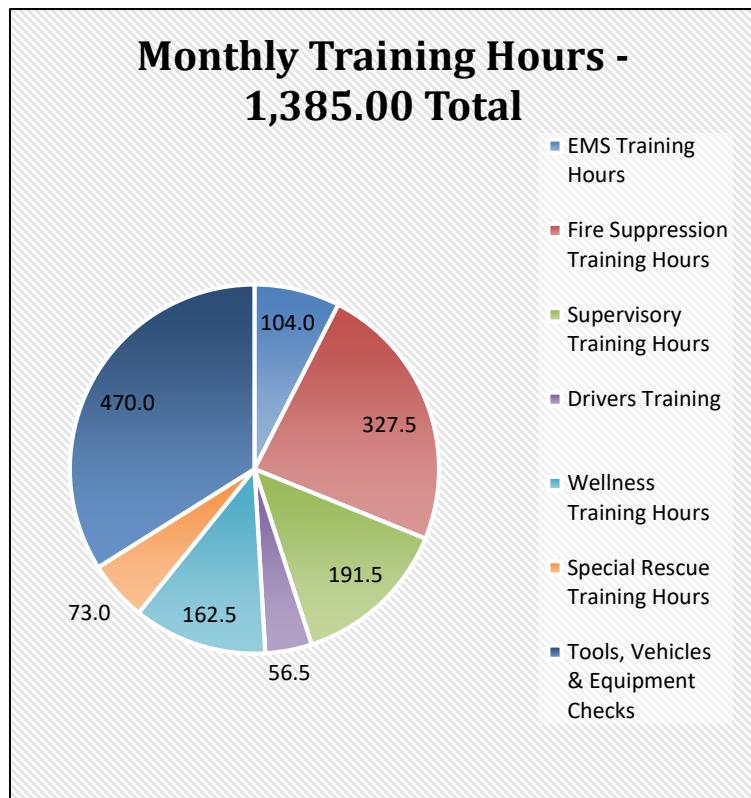
- Weekly Group Functional Fitness – To serve and protect

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)



FIRE PREVENTION BUREAU

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.