



# FIRE DEPARTMENT

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## MONTHLY INFORMATION REPORT

**October 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 – OCTOBER 2023

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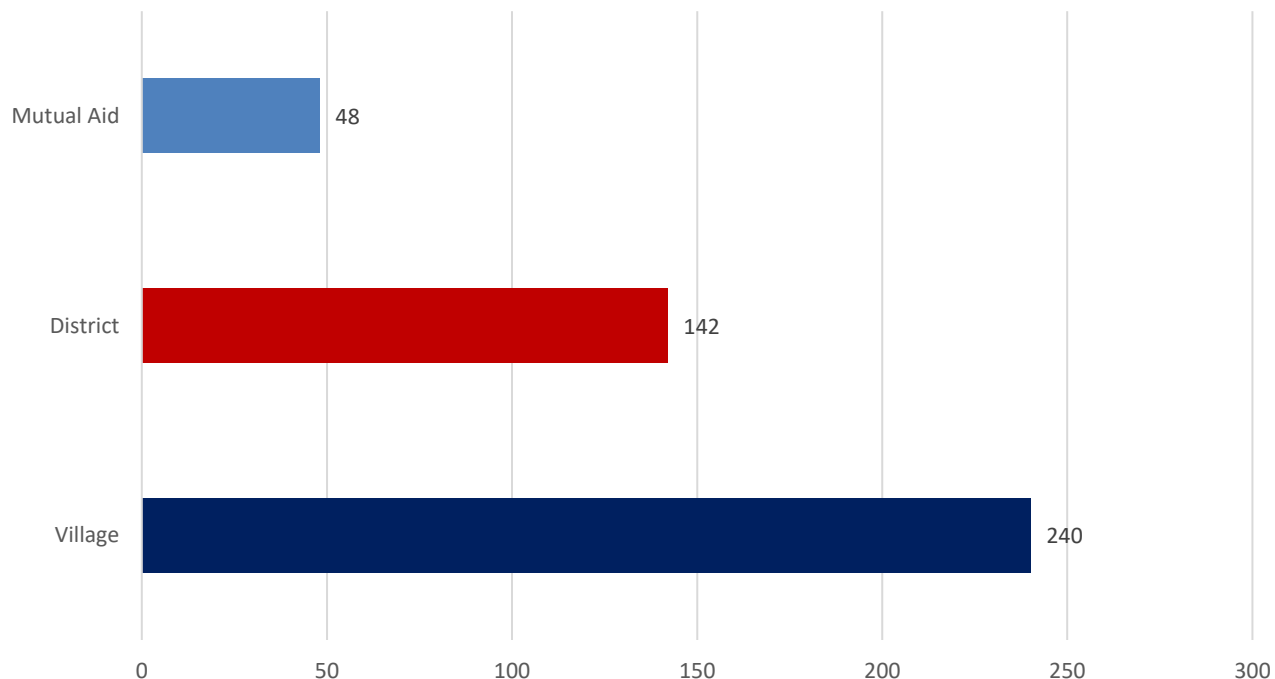
The Lake Zurich Fire Department provides a full range of professional and high-quality services to the Village of Lake Zurich and the Lake Zurich Rural Fire Protection District. We protect approximately 37,000 residents, many local businesses, and visitors across the twenty-five square mile combined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

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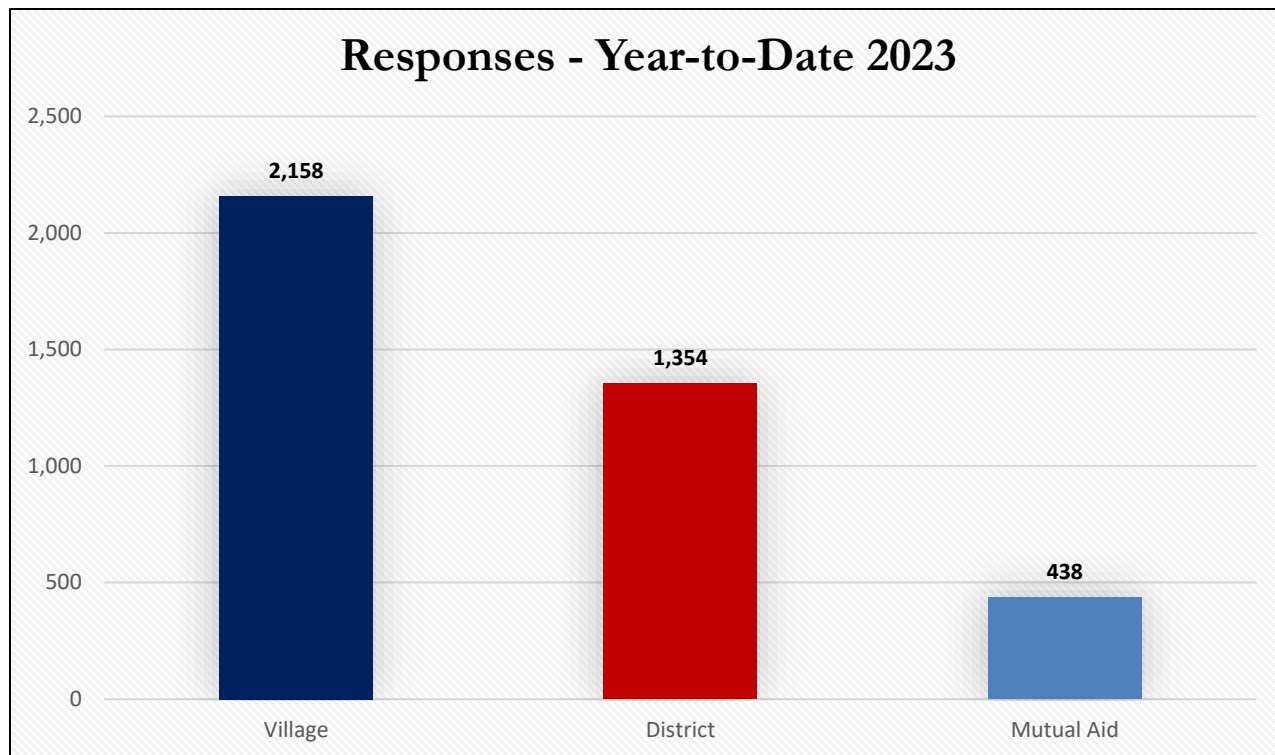
**430** Incidents – October 2023

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#### Responses - October 2023



**3,950** Incidents – Year to Date



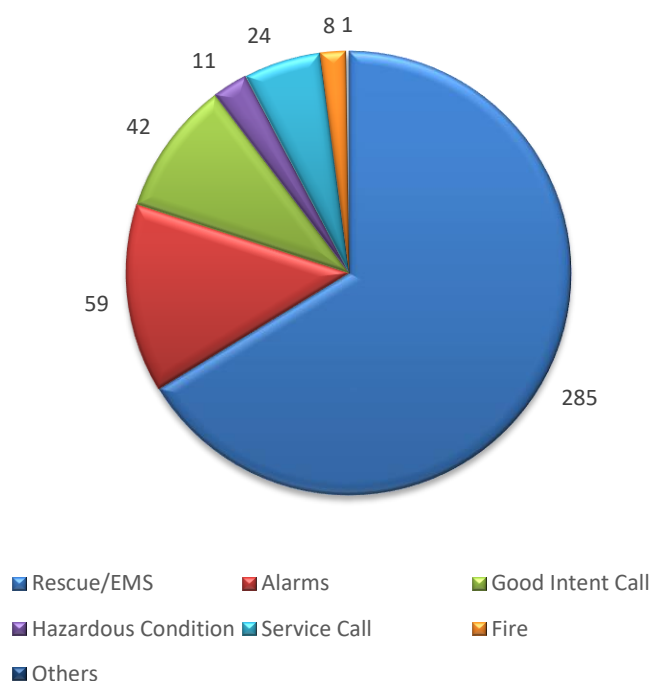
## Incident Types

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

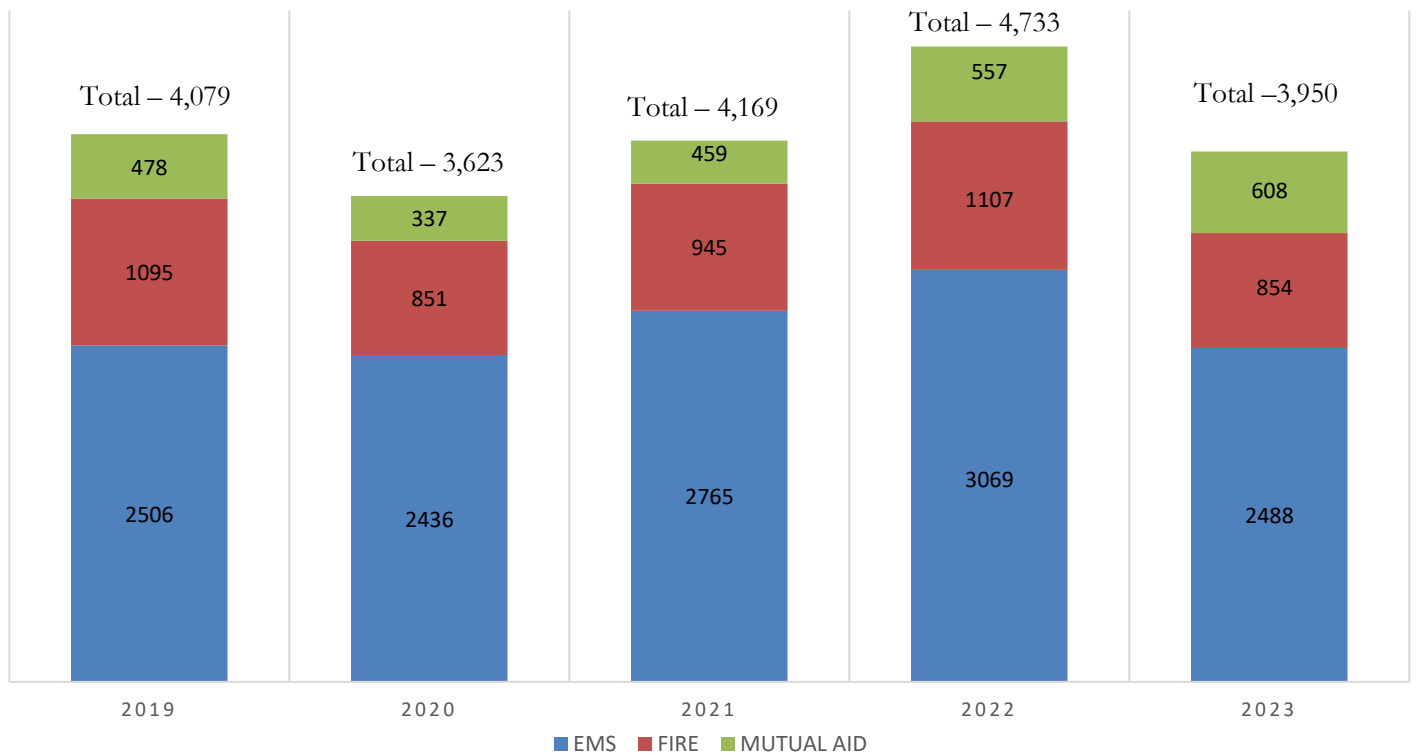
The codes all relate to the text categories noted in the chart to the right. Rescue and EMS incidents account for the majority of incidents we respond to.

In October, **285** incidents were Rescue and EMS incidents.

### Incident Types - October 2023



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



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

#### WORKING FIRES

Total Count for 2023

**62**

#### INCIDENTS WITH PROPERTY VALUE CHANGE

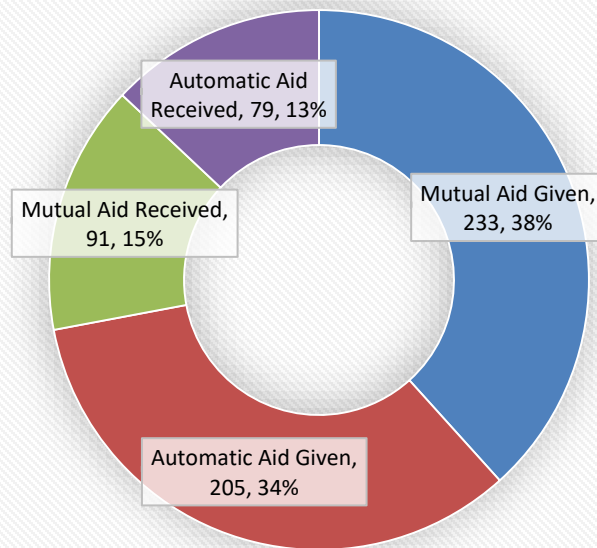
Count of Incidents with Property Loss – 2023

**28**

Percent of Property Value Saved

**86.07%**

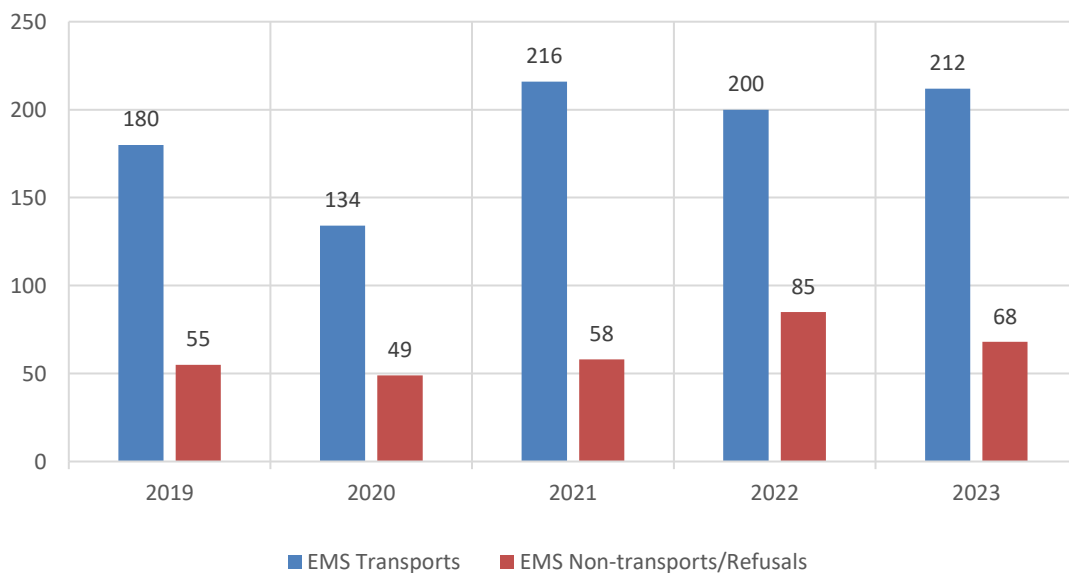
## Mutual Aid - Year-to-Date 2023



## EMS Incidents

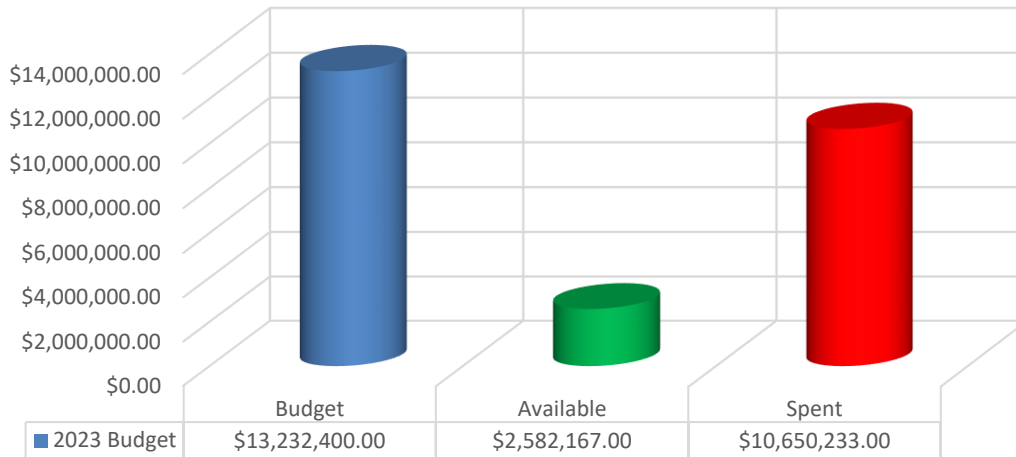
The chart shown below reflects EMS Transports vs. Non-Transports/Refusals. It's important to note that not every EMS call will result in a transport to the hospital. However, as you'll see from the data, transports always outpace Non-Transports/Refusals. This chart below compares the month of October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

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



## ADMINISTRATION DIVISION

### 2023 Budget



### Woodstock Fire/Rescue District

435 E. Judd St.  
Woodstock, IL 60098  
(815) 338-2621

October 19, 2023

Chief David Pilgard  
Lake Zurich Fire Department  
321 S. Buesching Road  
Lake Zurich, IL 60047

Dear Chief Pilgard,

I want to personally thank you and your members for responding to the house explosion and resultant structure fire that occurred at 321 Lincoln Avenue on October 9th, 2023. The explosion caused damage to almost 20 structures, 4 of them on fire. Ultimately, we requested resources up through the 4<sup>th</sup> alarm.

With your assistance, we were able to search the building, extinguish the fire and protect surrounding structures. We appreciate your assistance and look forward to working together in the future.

Sincerely,

A handwritten signature in black ink that reads 'Brendan Parker'.

Chief Brendan Parker  
Woodstock Fire/ Rescue District  
bparker@wfrd.org

**MAYOR**

Paul Wm. Hoefert

**TRUSTEES**

Vincent J. Dante  
Agostino S. Filippone  
Terri Gens  
William A. Grossi  
John J. Matuszak  
Colleen E. Saccotelli

**VILLAGE MANAGER**

Michael J. Cassady

**FIRE CHIEF**

John Dolan

Administration: 847/870-5660  
Fire Prevention: 847/818-5253  
Fax: 847/818-5240  
[www.mountprospect.org](http://www.mountprospect.org)

## Village of Mount Prospect Fire Department

111 E. Rand Road, Mount Prospect, Illinois 60056

October 4, 2023

Chief David Pilgard  
Lake Zurich Fire Department  
321 South Buesching Road  
Lake Zurich, IL 60047

Dear Chief Pilgard:

On behalf of the entire Mount Prospect Fire Department, I wish to extend a huge thank you for all you did to make our Open House the success it was. Thank you so much for allowing our Department to use your fire pole. I am truly grateful for the numerous partnerships the Fire Department has within the community and the Lake Zurich Fire Department is no exception.

We cannot thank you enough for all of your help.

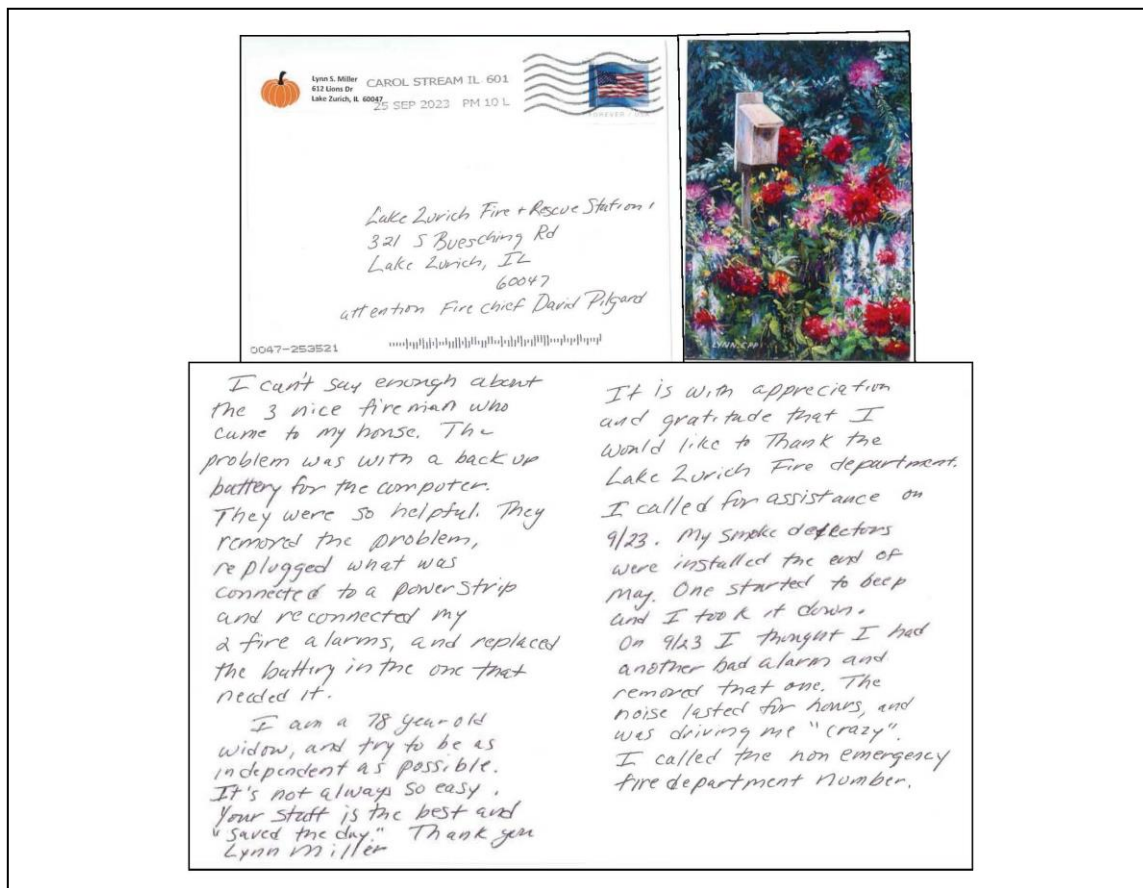
Sincerely,

John Dolan

Fire Chief







## 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.

The department opened their doors for the community members to come by and check out their fire station, meet the firefighters, slide down a fire pole, watch Special Team demonstrations, and much more at their Open House on October 8! (Pictured right)



Thank you to St. Matthew's Early Childhood classes for having our crew and Deputy Fire Marshal stop by and teach the students about firefighting gear and the importance of fire safety! (Pictured left)



# 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

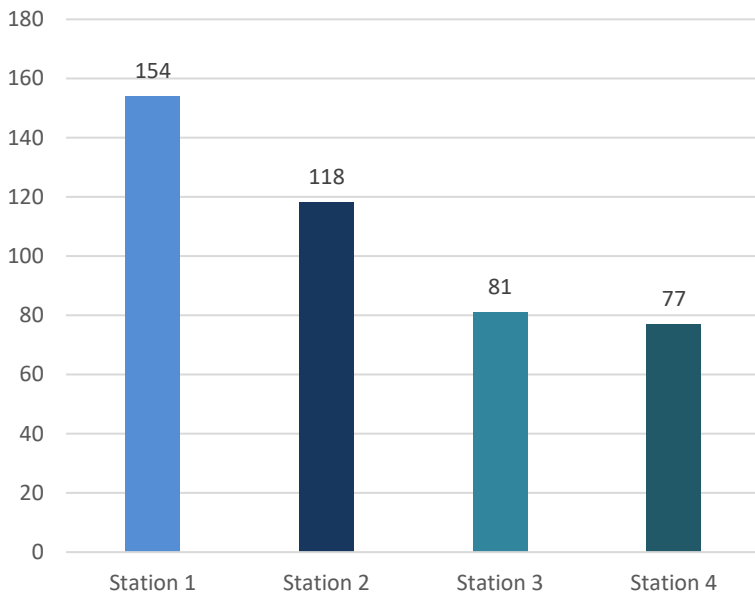
### APPARATUS & STAFFING

ENGINE 324  
AMBULANCE 324

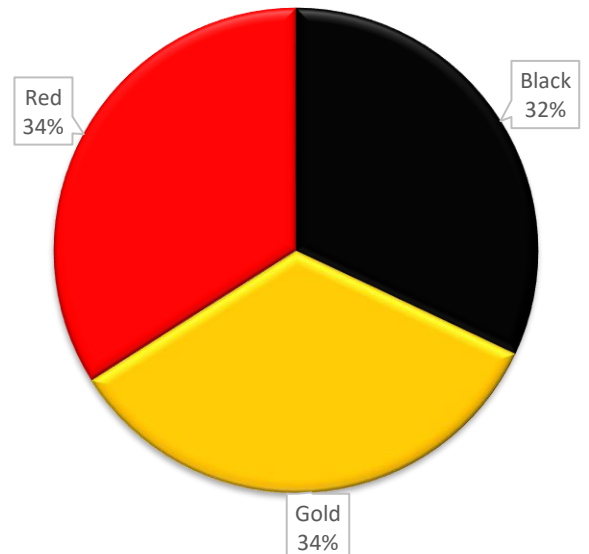


# OPERATIONS DIVISION

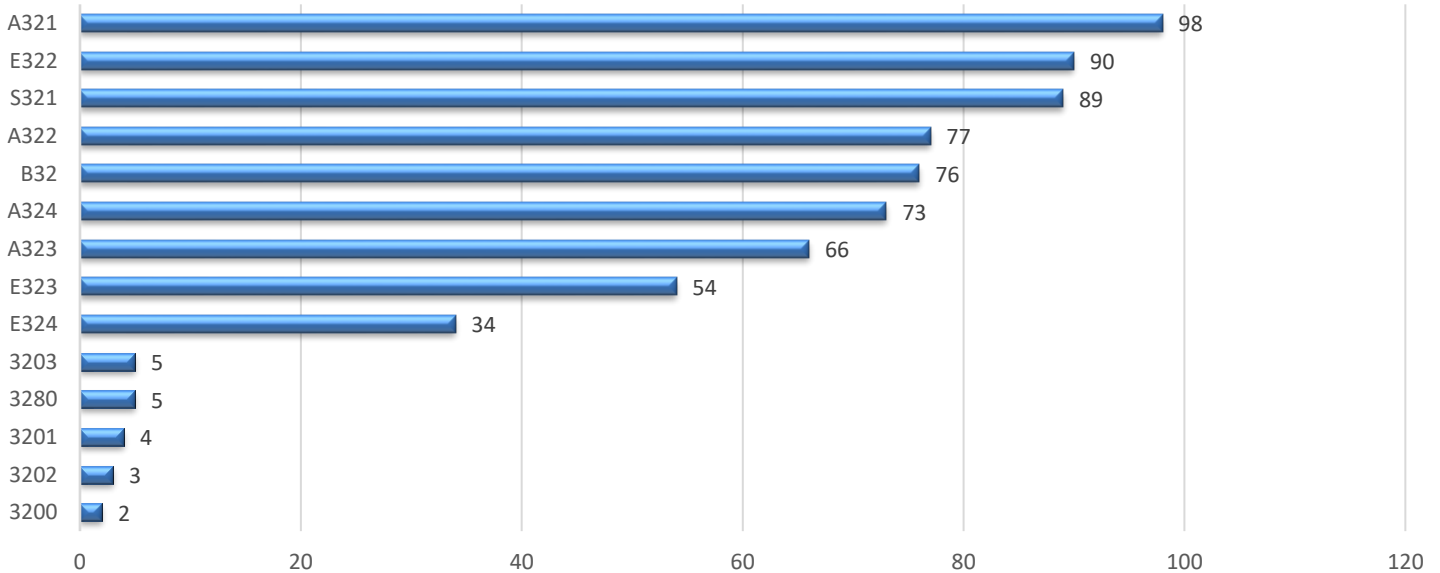
## Incident Count by Station



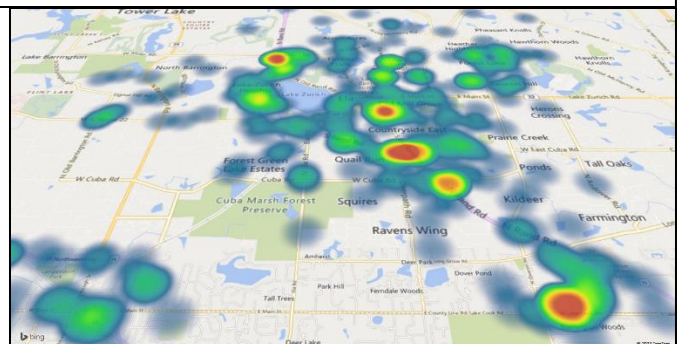
## Incident Percentage by Shift



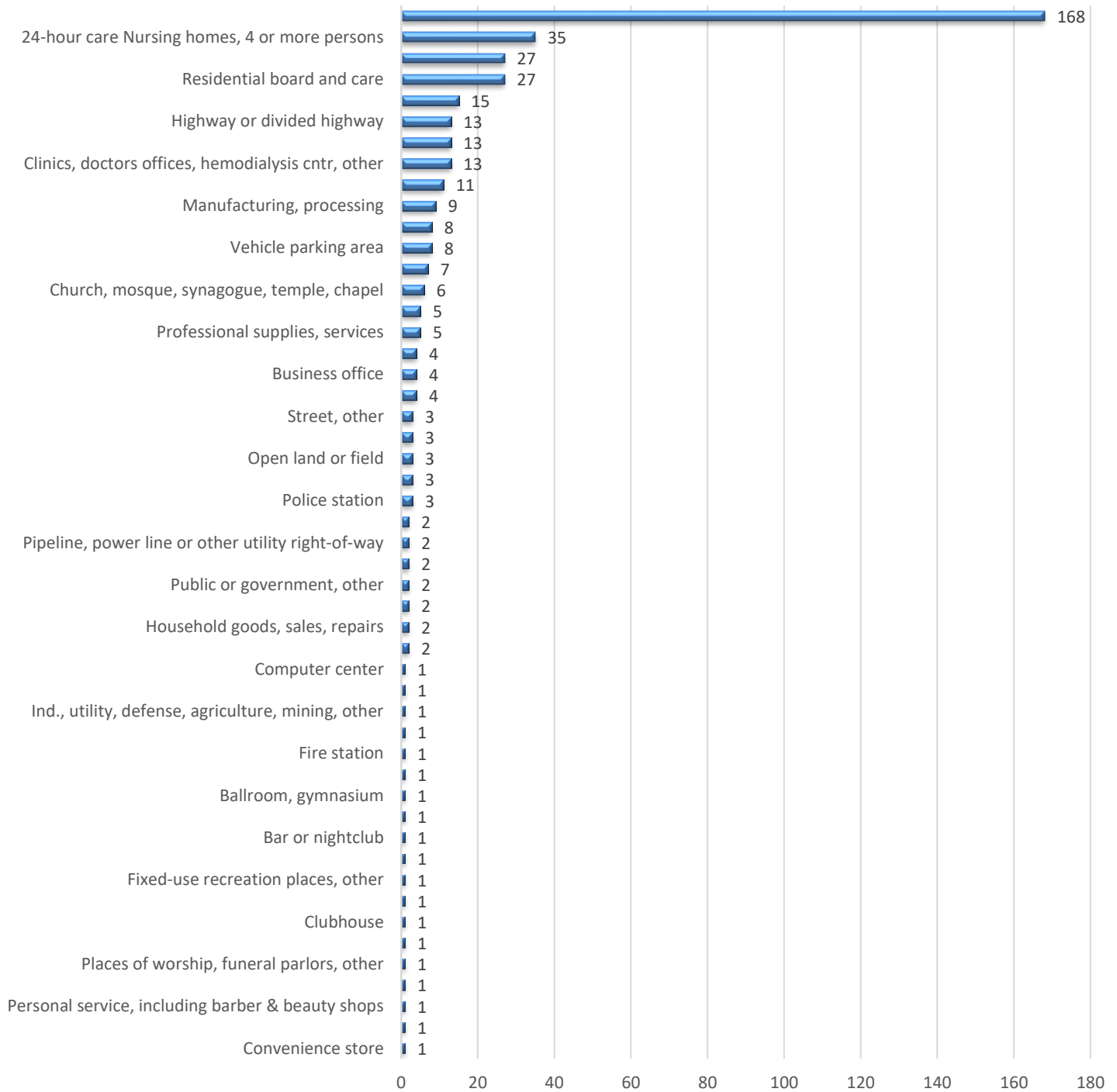
## Incident Count by Unit



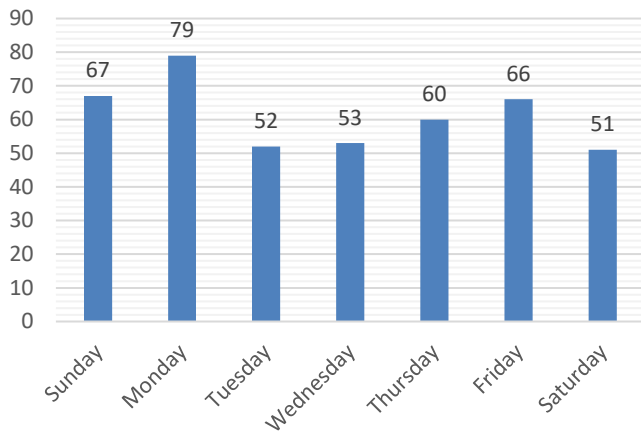
**Response Locations** The graphic to the right is a visual representation of call distribution for October. As visually displayed, the assisted living/memory care facilities are a large portion of our department calls and are consistently within the top locations responded to each month. We frequently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



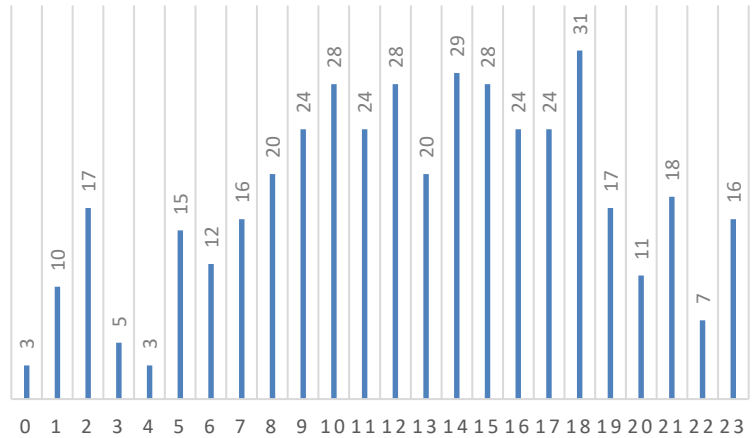
## Incidents by Property Type - October 2023



## 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 October 2023.

Dispatch Time	Turnout Time
Average Dispatch Time <b>1 MINUTE, 05 SECONDS</b>	Average Turnout Time <b>1 MINUTE, 02 SECONDS</b>
Travel Time	Response Time
Average Travel Time <b>4 MINUTES, 48 SECONDS</b>	Average Response Time <b>5 MINUTES, 51 SECONDS</b>



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# TRAINING DIVISION

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## Fire Training:

- Tactical Deployment Model 23.2- Initial Operations Residential
- Tactical Deployment Model 23.3- Initial Operations Rural
- Tactical Deployment Model 23.4- Initial Operations Residential Rescue
- Dry Hydrant Testing- Rural Ops
- Hose Testing
- Engineering – Department has 6 new Fire Apparatus Engineers in Training (*Pictured right*)
- Post Incident Analysis – Rural Residential Structure Fire Hawthorn Woods
- Post Incident Analysis – 201 S Buesching Road – Multi-Family Residential



## EMS Training:

- Northwest Community Healthcare Continued Education - Cardiac
- Quarterly Intubations

## Special Team Training:

- Heavy Rescue – Stabilization and Extrication
- Hazmat Inventory – Lake Zurich Station 3 - County Level Training
- Annual Diver Operations and Swim Test
- TRT – MABAS County Level Training
- Wildland – County Level Training

## Health and Safety Training:

- Weekly Group Functional Fitness – To serve and protect

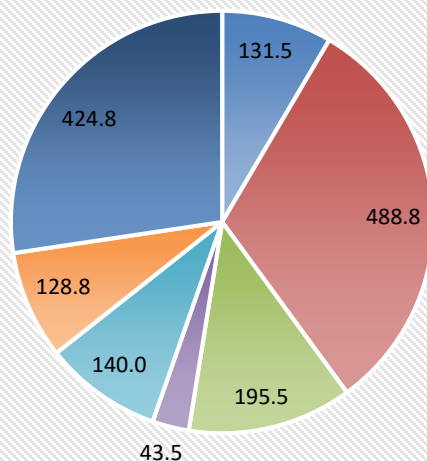
## Administrative Training:

- Sexual Harassment – Quarterly Bulletin

## Outside Training:

- **Lieutenant Reid** – CISA Coms Technician
- **Firefighter/Paramedic Brian Stodola** – Vehicle Machinery Technician
- **Firefighter/Paramedic Jon Corral** – SCBA Technician I
- **Firefighter/Paramedic Anthony Kinsley**- SCBA Technician I
- **Captain Santoyo** – NFA Command and Control
- **Lieutenant Stapleton** – Incident Safety Officer

## Monthly Training Hours - 1,552.75 Total



- EMS Training Hours
- Fire Suppression Training Hours
- Supervisory Training Hours
- Drivers Training
- Wellness Training Hours
- Special Rescue Training Hours
- Tools, Vehicles & Equipment Checks

## FIRE PREVENTION BUREAU

### Fire Incidents:

- 10/17/2023 – Structure Fire Investigation at Robin Crest Road in Hawthorn Woods  
17:00-23:00
- 10/20/2023 – Chimney Fire Investigation at Eddy Lane – 11:00-13:00

### Inspections and Alarm Follow Ups:

10/1 /2023 – Tent & Food Truck Inspection at 536 Eton Drive 12:30 -1:00  
 10/2/2023 – Hydro at 455 N. Rand Chase Bank Nelson Fire Protection  
 10/3/2023 – Dry System Sprinkler Inspection at 455 N. Rand Road Chase Bank  
 10/3/2023 - Final Occupancy Inspection at 880 Donata Court Kraft  
 10/4/2023 – Alarm Follow up and Annual Fire Inspection at Dairy Queen  
 10/5/2023 – Flow Test Inspection at 455 N. Rand Road Chase Bank 08:00-09:00  
 10/6/2023 – Sprinkler Hydro - 107 Roman Lane - Community Bank 08:00-08:30  
 10/9/2023 – Sprinkler Hydro Inspection at 20505 N. Rand Road 09:00-10:00  
 10/9/2023 – Alarm Follow Up at 1111 Rose  
 10/9/2023 – Final Occupancy at 130 Oakwood Road  
 10/11/2023 – Final at 244 Telser Road – 08:30 - 09:00  
 10/11/2023 – Alarm Follow Up at 540 Courtland (Acosta's)  
 10/12/2023 – Pump Test at 275 Mohawk Trail with Rogers Pump – 08:00-08:30  
 10/12/2023 – Pump Test at 351 Oakwood Road with Rogers Pump – 09:00-09:30  
 10/12/2023 – Alarm Follow Up at 435 W Cuba Rd Middle School South – 10:00-10:30  
 10/12/2023 – Alarm Follow Up at 540 Courtland (Acosta's Furniture)  
 10/13/2023 – Alarm Follow Up at 435 W Cuba Rd (Middle School South)  
 10/15/2023 – Alarm Follow Up at 777 Church Street (Cedar Lake Assisted Living)  
 10/16/2023 - Alarm Follow up at Manus Dental Unit 170 regarding a lock issue.  
 10/16/2023 – Alarm Follow up at 777 Church Street regarding signal issues with alarm system.  
 10/16/2023 – Pump test at 60 Quentin Road 09:30-10:00  
 10/20/2023 – Alarm Follow Up at 300 E Route 22 (Cube Smart)  
 10/21/2023 – Fall Bash at Deer Park – Tent & Food Truck Inspections - 12:00-13:00  
 10/21/2023 – Haunted House Inspection at May Whitney School – 13:30-14:00

10/23/2023 – Alarm Follow Up at 230 Oakwood.  
 10/23/2023 – Alarm Follow Up at 530 N. Rand Road.  
 10/23/2023 – Alarm Follow Up at 21520 Field Parkway (La Hacienda Restaurant)  
 10/23/2023 – Alarm Follow Up at 940 Donata Court – Coordinating with Kelly Sheehan  
 10/23/2023 – Building Safety Inspection at 20406 Rand Road with Deer Park Building Department.  
 10/24/2023 - Alarm Follow Up at 230 Oakwood.  
 10/24/2023 – Alarm Follow Up at 910 N. Rand Road (Walgreens)  
 10/26/2023 – Alarm Follow Up at 25 N Buesching Road (Landings).  
 10/26/2023 – Alarm Follow Up at 485 S Rand Road (Dunkin Donuts).  
 10/27/2023 – Alarm Follow Up at 880 Donata Court.  
 10/28/2023 – Food Truck Inspections at Deer Park Town Center (6 Trucks) - 12:00-13:00  
 10/30/2023 – Alarm Follow Up at 530 N. Rand Road (Low Air)  
 10/30/2023 – Alarm Follow Up at 1046 Orchard Pond Court (Low Batteries)  
 10/30/2023 – Alarm Follow Up at 20530 N. Rand Road (Faulty Waterflow Device)  
 10/31/2023 – Alarm Follow Up at 742 S. Rand Road (Popeyes)  
 10/31/2023 – Key replacement at 25 N. Buesching Road (Landings 10 Buildings)

- 15 Final Inspections for Lake Zurich
- 5 New Sprinkler Systems/Hydro
- 2 New Fire Alarm
- 23 Fire Alarm Follow-ups
- 10 Knox Box
- 2 Ceiling
- 3 Fire Pump
- 1 Flush Test/Witness
- 1 Other Suppression-Hood

### **Annual Fire Inspections:**

The Fire Prevention Bureau conducted **87** Annual Property Inspections in October.

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

- 10/6/2023 - Industrial Council Meeting at Biltmore Country Club 12:00 13:30
- 10/8/2023 – Open House 08:00-12:30
- 10/13/2023 – Meeting with Nadine Building & Zoning 09:00-09:45
- 10/16/2023 – Meet and Greet at Station One 17:30-19:00
- 10/16/2023 – Meeting at Village Hall 19:00-20:00
- 10/17/2023 – Meeting with Kelly Sheehan and Flex Team 11909 Heather Drive 09:00-11:00
- 10/24/2023 – Chili Cook Off – 17:00-19:00
- 10/30/2023 – OSFM Class attendance at Round Lake Civic Center (Public School Inspections) – 08:30-12:30

### **Fire Drills:**

The FPB conducted **Six** Fire Drills in the month of October.

- 10/02/2023 – Fire Drill at MSS/IF 9:30-10:00
- 10/10/2023 – Fire Drill at St. Mathews Preschool 9:30
- 10/19/2023 – Fire Drill at MSN/SL 09:45-10:15
- 10/20/2023 – Fire Drill at Lake Zurich High School – 10:00-10:30
- 10/24/2023 – Fire Drill at 1400 Rose (Alpha Tekniko) – 12:00-13:00
- 10/25/2023 – Fire Drill and building tour at 21440 Lake Cook - 10:00-10:30

### **Plan Reviews:**

The FPB completed 34 Plan Reviews taking 49 plan review hours.