



FIRE DEPARTMENT

MONTHLY INFORMATION REPORT

October 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.

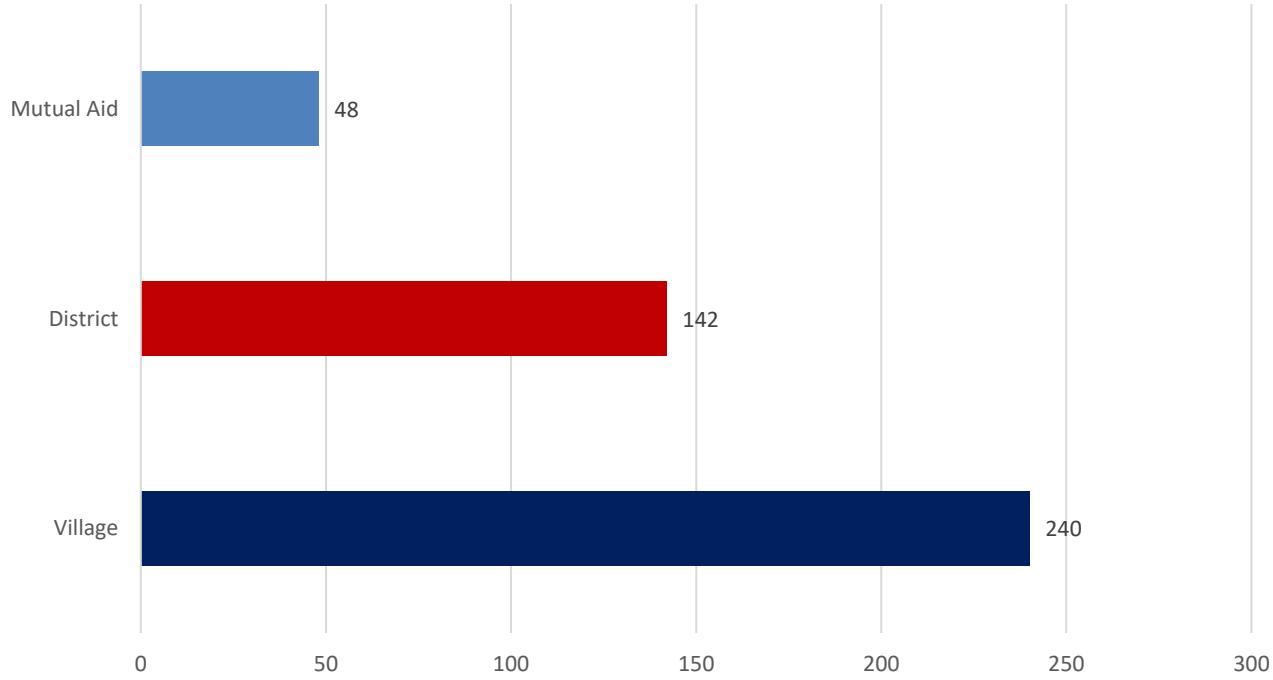
OUR VALUES: Professionalism, Responsibility, Integrity, Dedication, Honor

EXECUTIVE SUMMARY – OCTOBER 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.

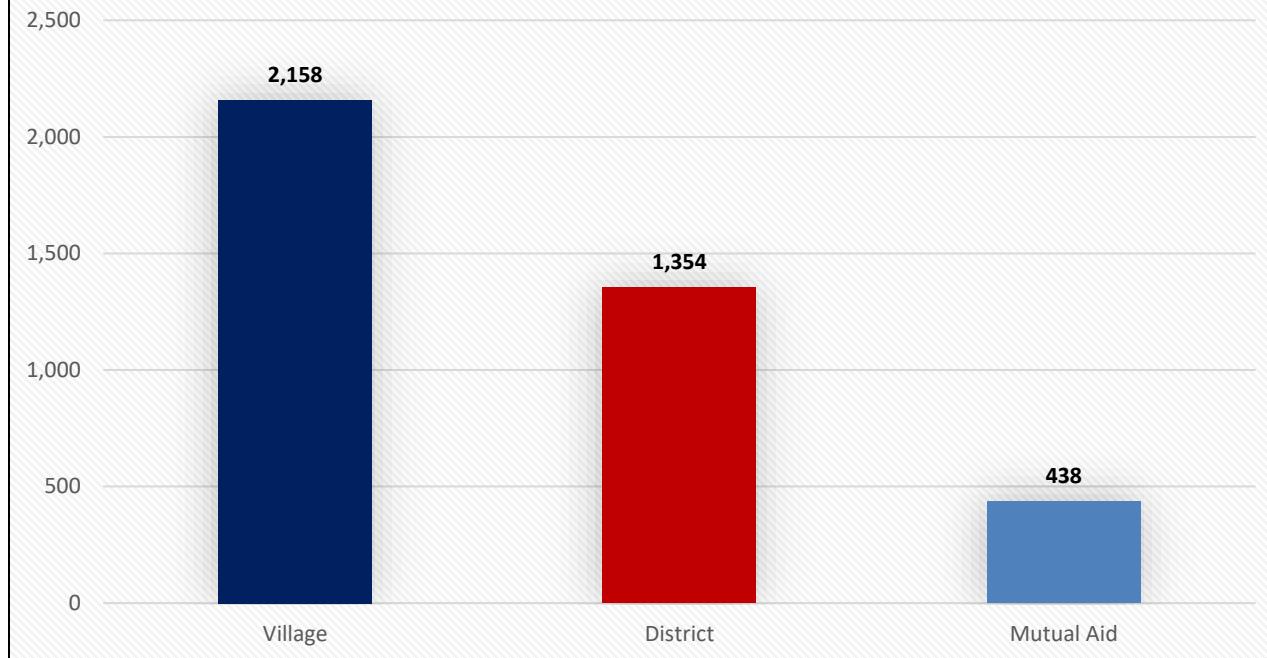
430 Incidents – October 2023

Responses - October 2023



3,950 Incidents – Year to Date

Responses - Year-to-Date 2023



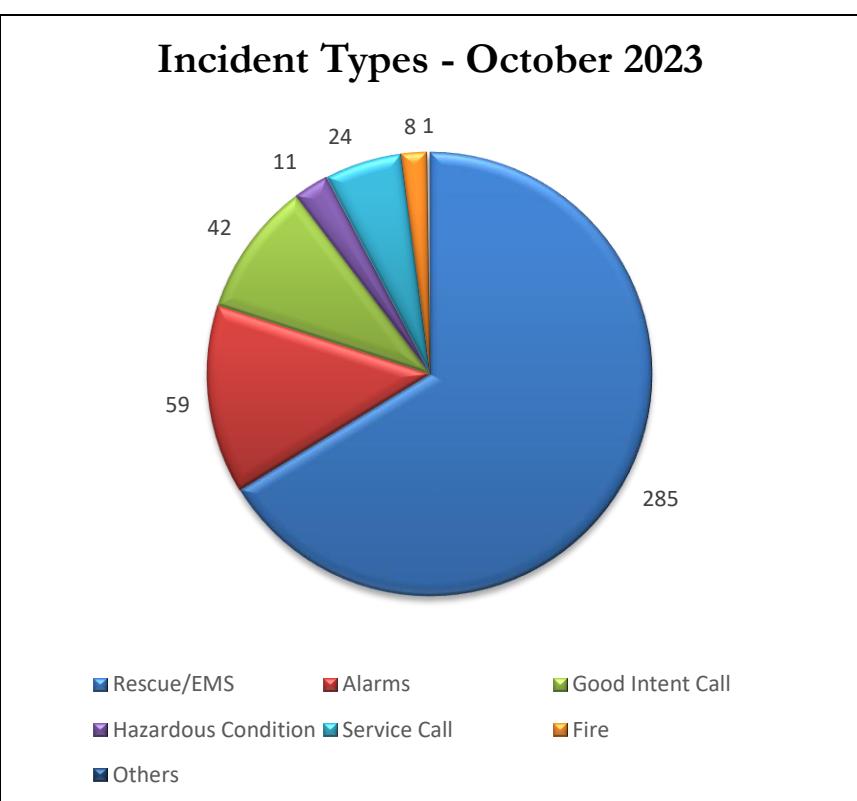
Incident Types

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

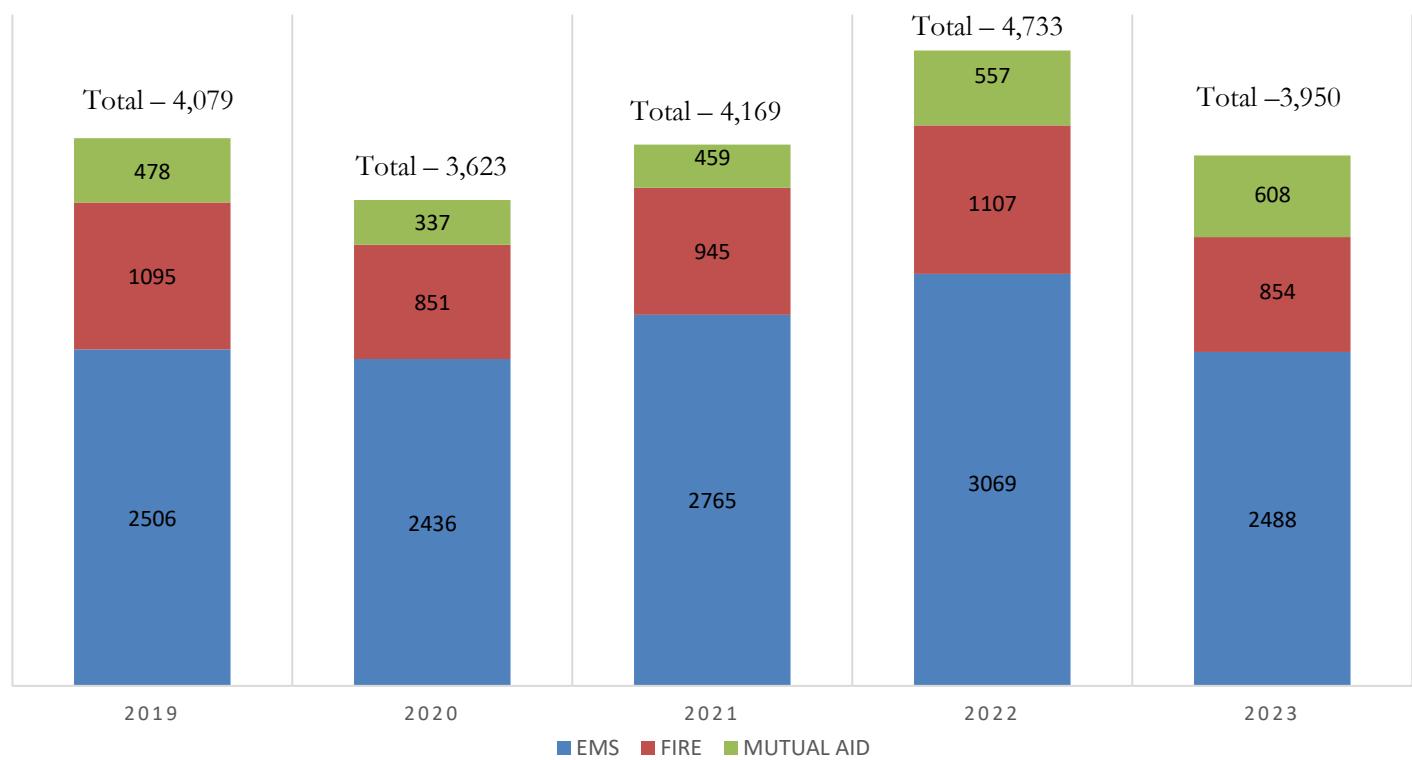
The codes all relate to the text categories noted in the chart to the right. Rescue and EMS incidents account for the majority of incidents we respond to.

In 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

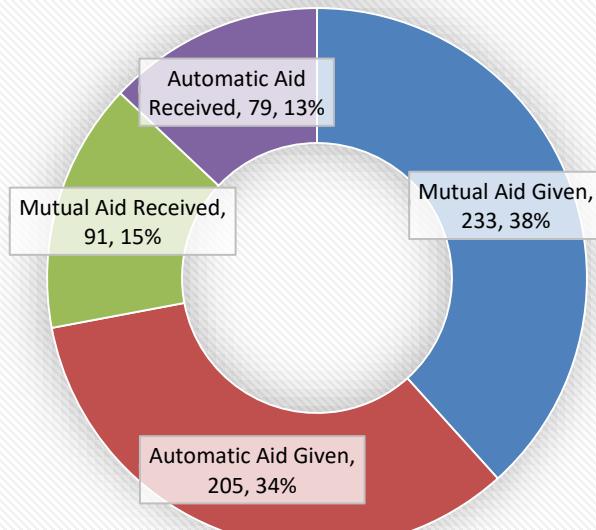
Count of Incidents with Property Loss – 2023

28

Percent of Property Value Saved

86.07%

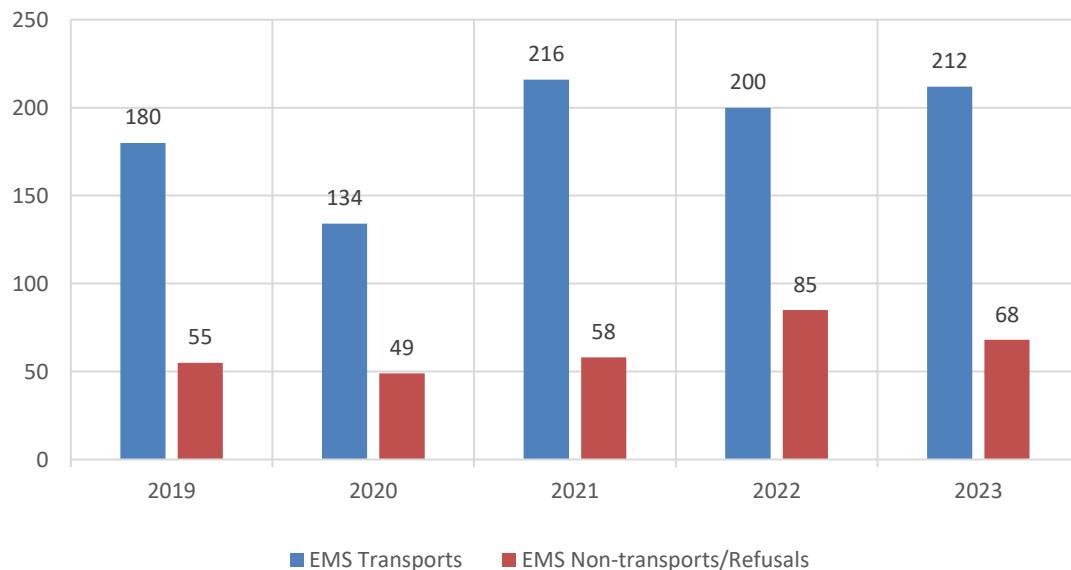
Mutual Aid - Year-to-Date 2023



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 4th 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,

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

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





I can't say enough about the 3 nice Fireman who came to my house. The problem was with a back up battery for the computer. They were so helpful. They removed the problem, re-plugged what was connected to a powerstrip and reconnected my 2 fire alarms, and replaced the battery in the one that needed it.

I am a 78 year-old widow, and try to be as independent as possible. It's not always so easy. Your staff is the best and "Saved the day". Thank you Lynn Miller

It is with appreciation and gratitude that I would like to thank the Lake Zurich Fire department. I called for assistance on 9/23. My smoke deflectors were installed the end of May. One started to beep and I took it down. On 9/23 I thought I had another bad alarm and removed that one. The noise lasted for hours, and was driving me "crazy". I called the non emergency fire department number.

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

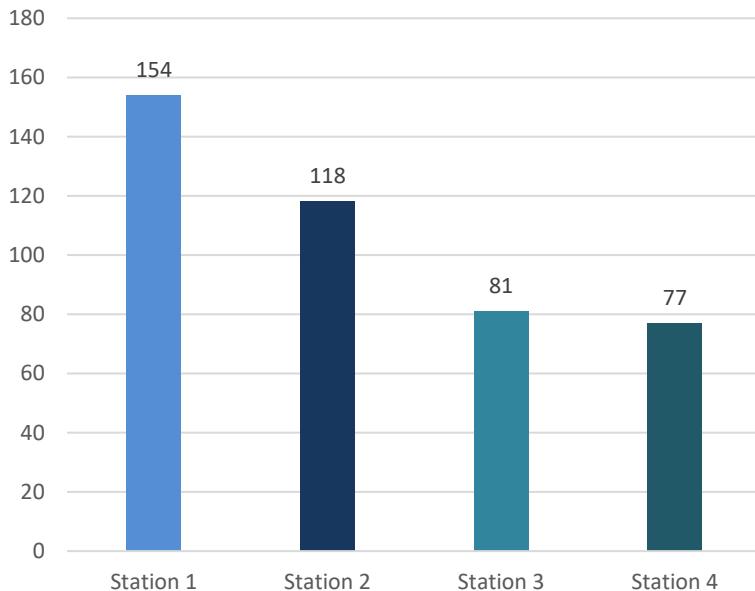
ENGINE 324

AMBULANCE 324

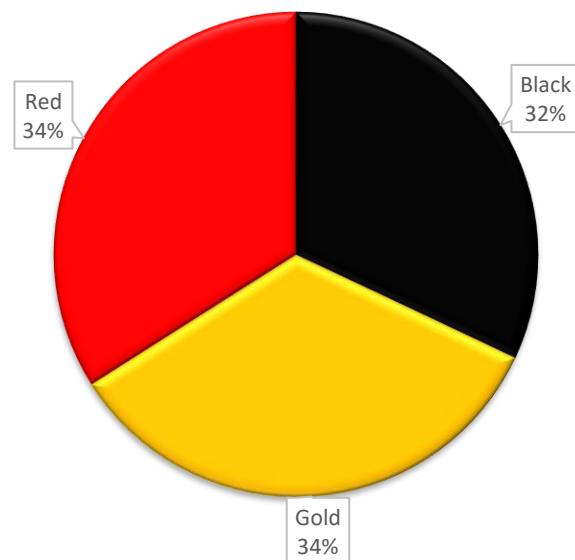


OPERATIONS DIVISION

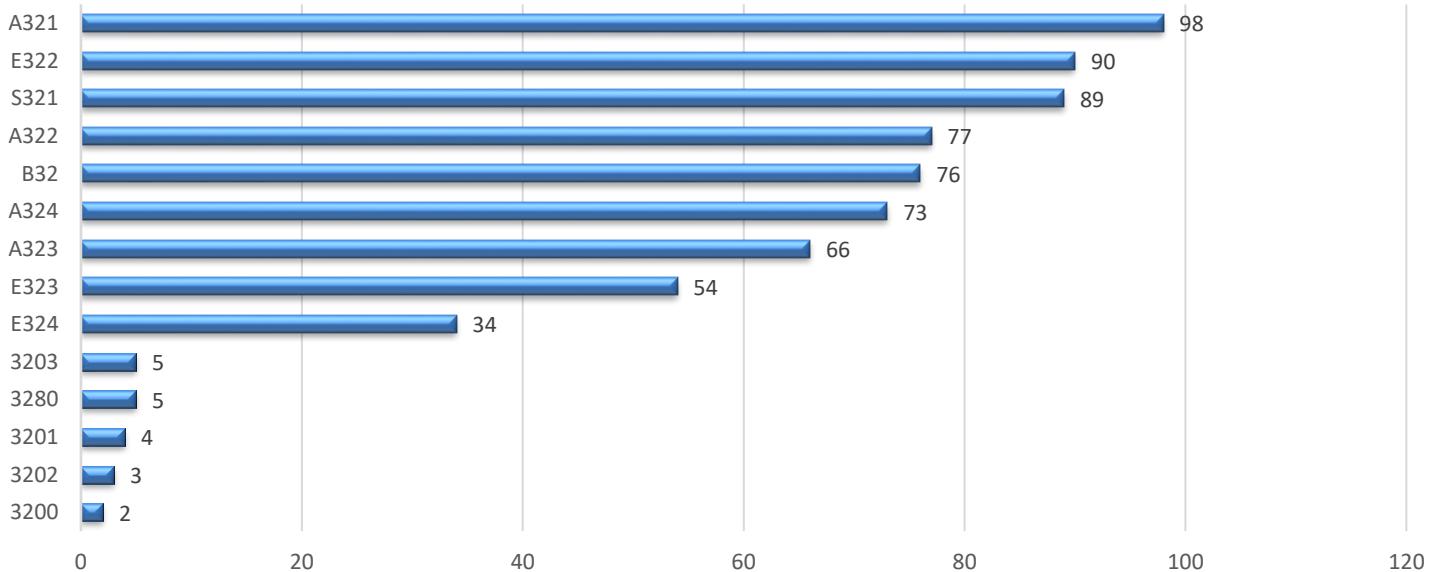
Incident Count by Station



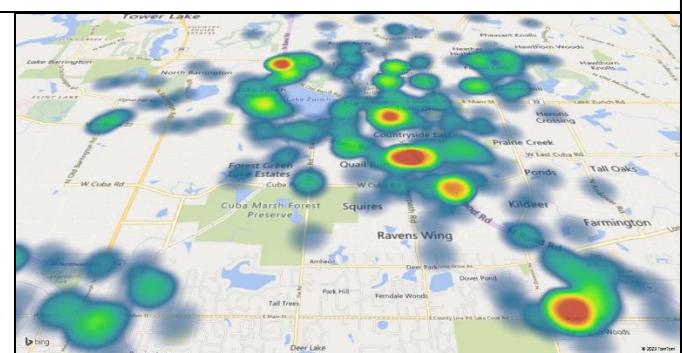
Incident Percentage by Shift



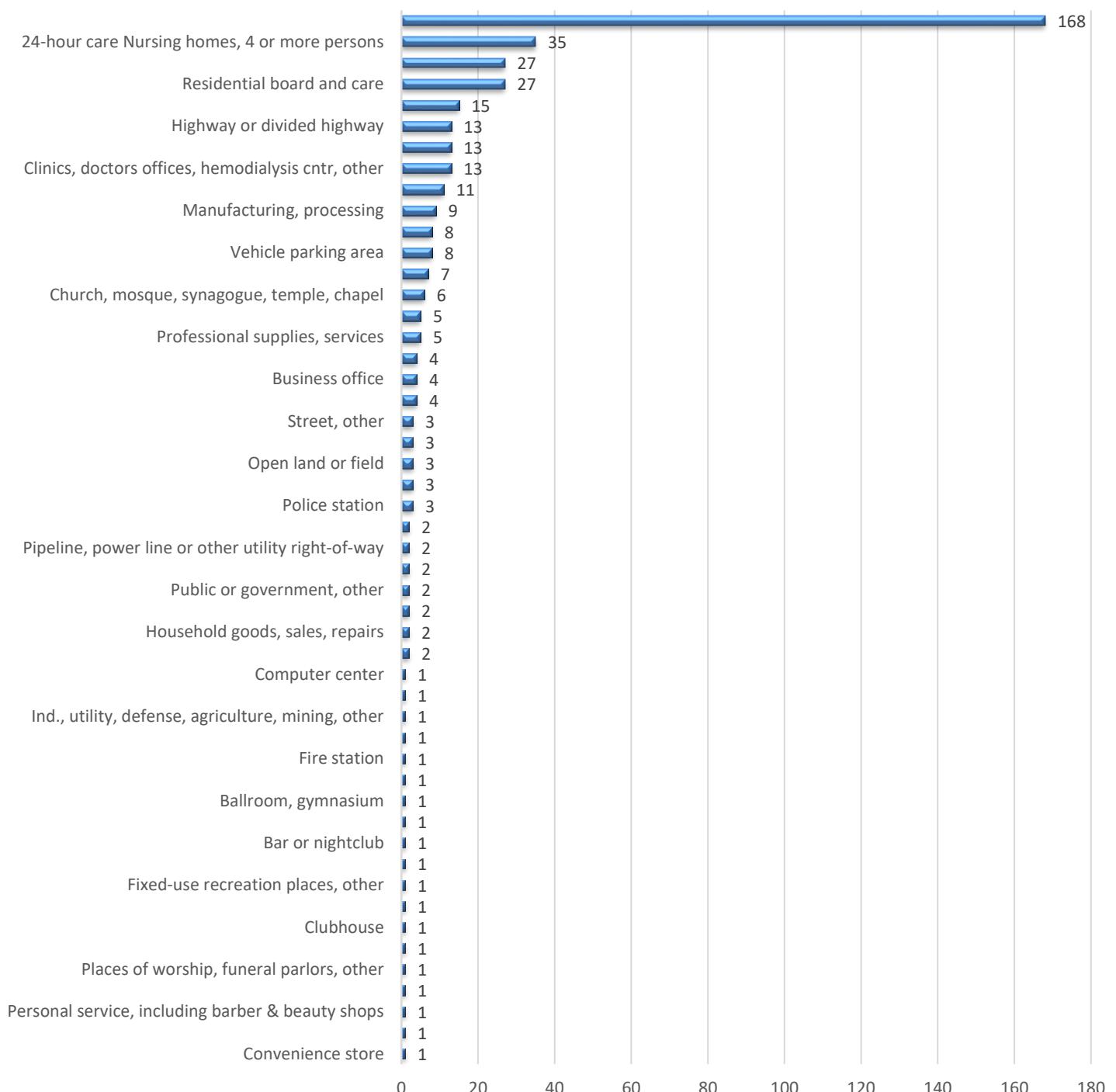
Incident Count by Unit



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.

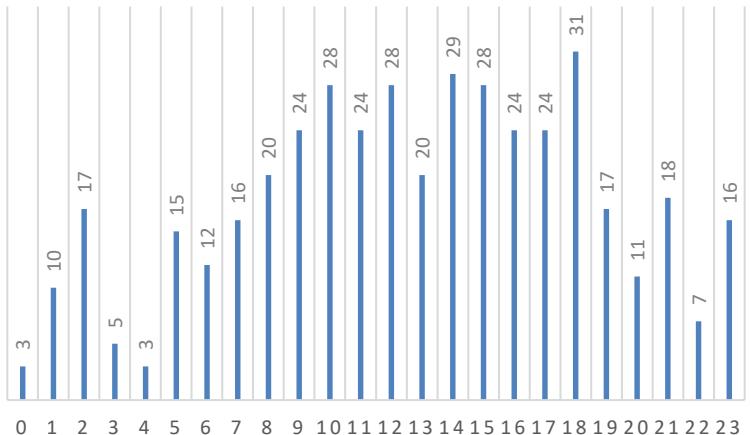
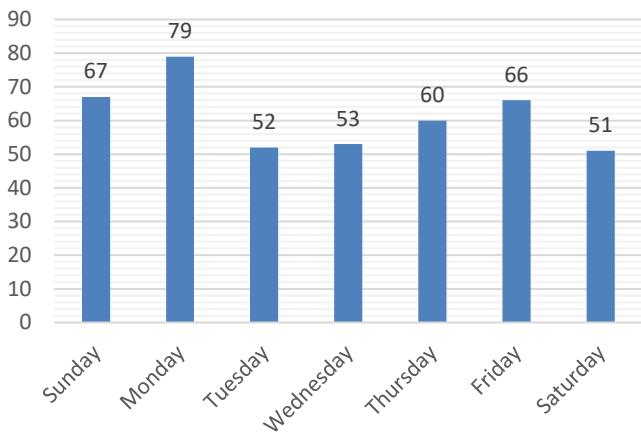


Incidents by Property Type - October 2023



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 1 MINUTE, 05 SECONDS	Average Turnout Time 1 MINUTE, 02 SECONDS
Travel Time	Response Time
Average Travel Time 4 MINUTES, 48 SECONDS	Average Response Time 5 MINUTES, 51 SECONDS

TRAINING DIVISION

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

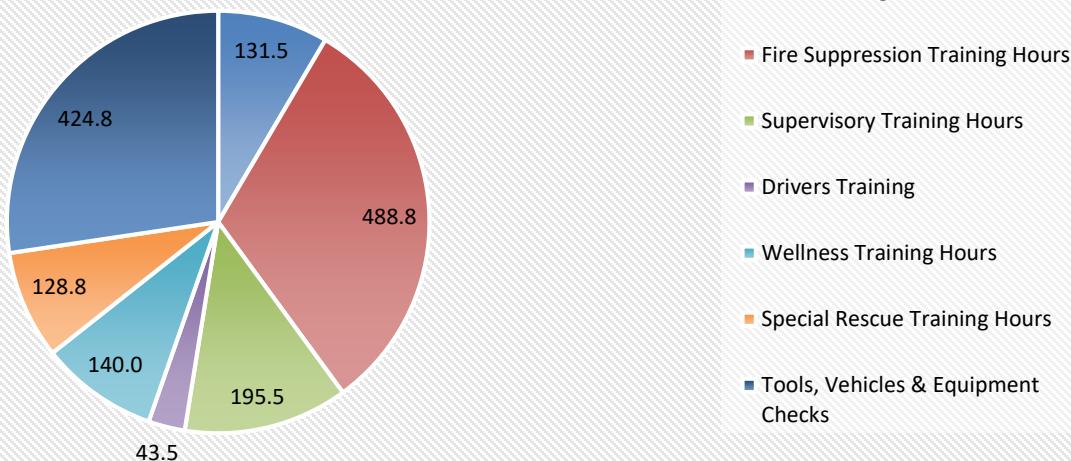
Administrative Training:

- 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



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.