



FIRE DEPARTMENT

MONTHLY INFORMATION REPORT

September 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.

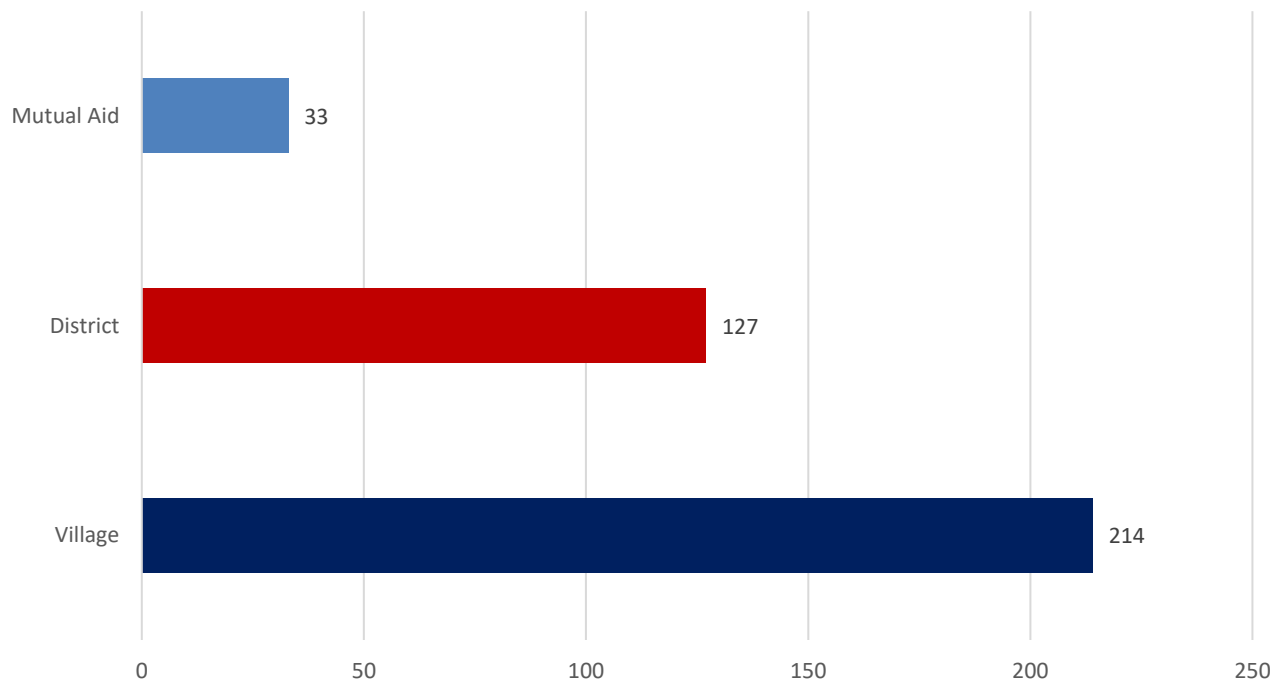
OUR VALUES: Professionalism, Responsibility, Integrity, Dedication, Honor

EXECUTIVE SUMMARY – SEPTEMBER 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.

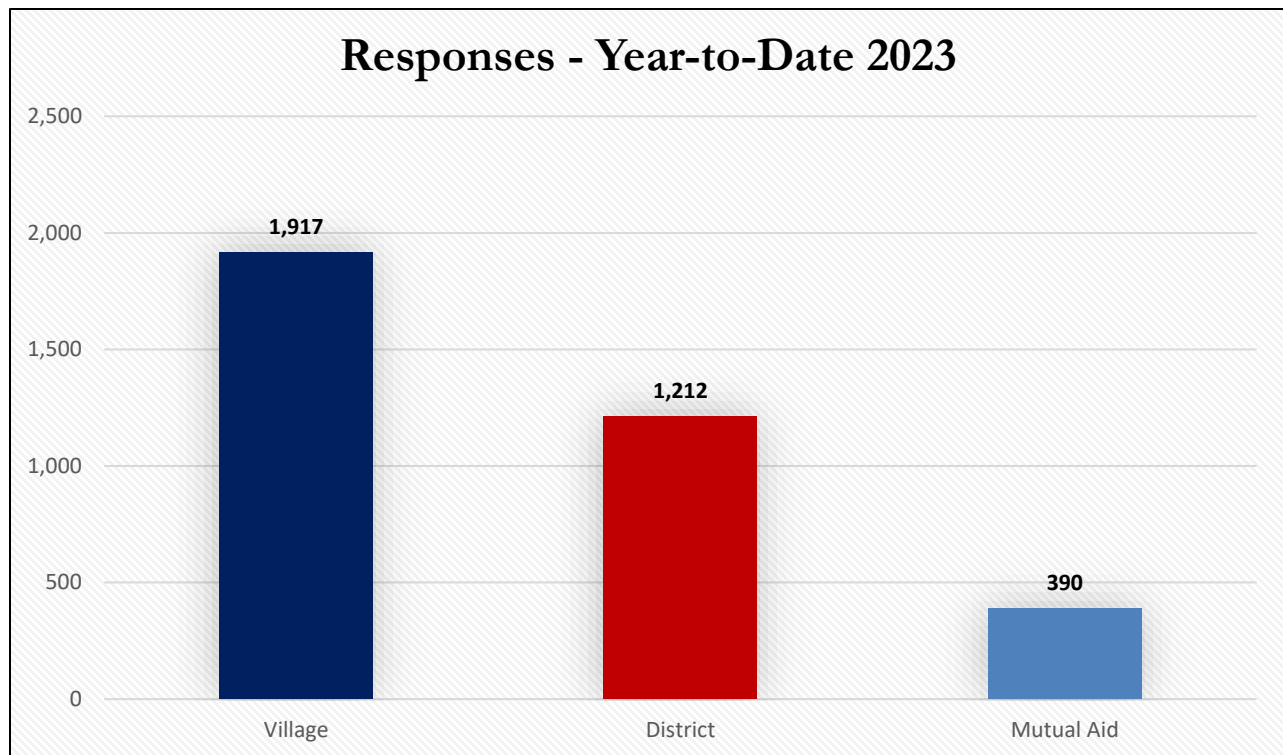
374 Incidents – September 2023

Responses - September 2023



3,519 Incidents – Year to Date

Responses - Year-to-Date 2023



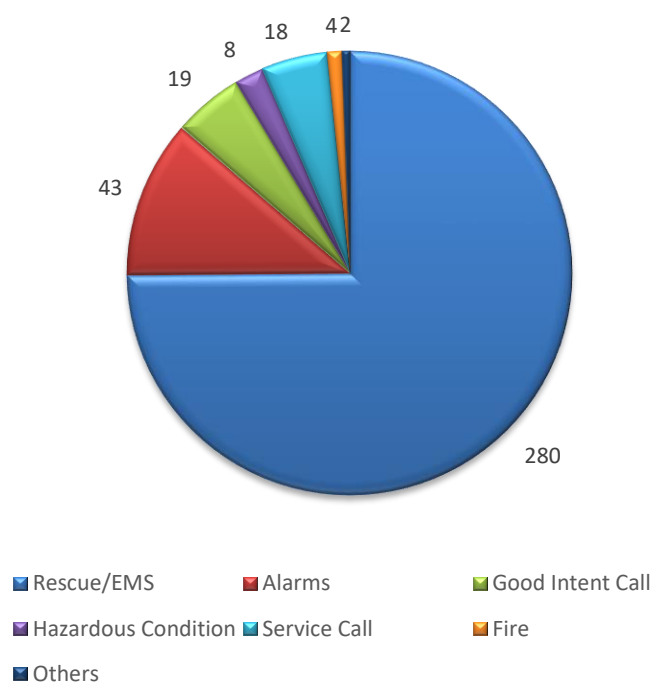
Incident Types

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

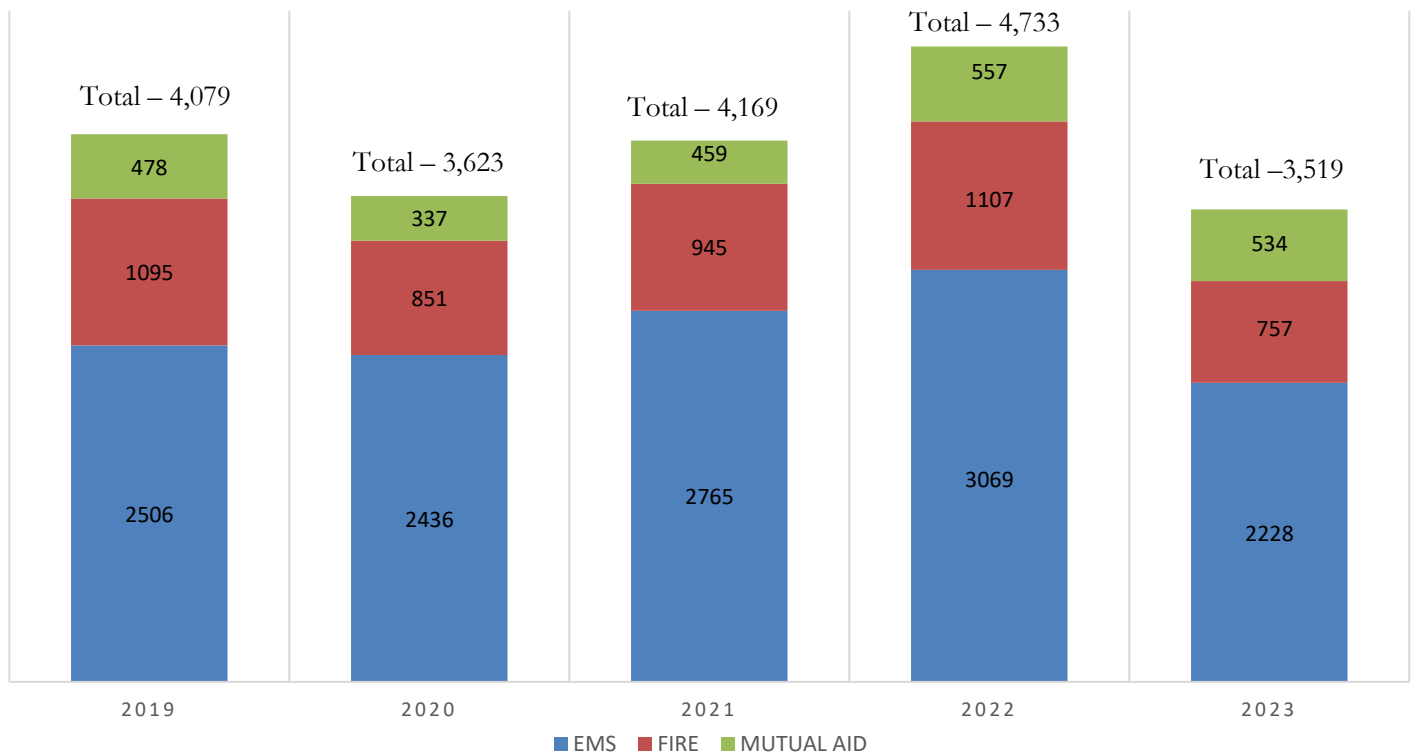
The codes all relate to the text categories noted in the chart to the right. Rescue and EMS incidents account for the majority of incidents we respond to.

In September, **280** incidents were Rescue and EMS incidents.

Incident Types - September 2023



EMS/FIRE/MUTUAL AID YEAR-TO-DATE



Fire Incidents (Year-to-Date)

WORKING FIRES

Total Count for 2023

55

INCIDENTS WITH PROPERTY VALUE CHANGE

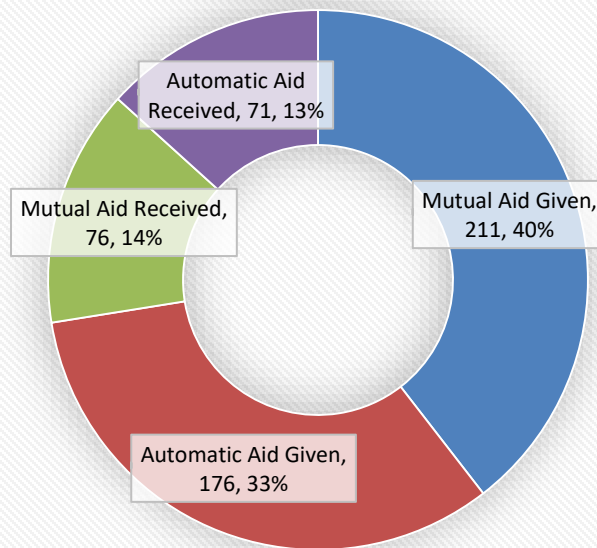
Count of Incidents with Property Loss – 2023

24

Percent of Property Value Saved

93.50%

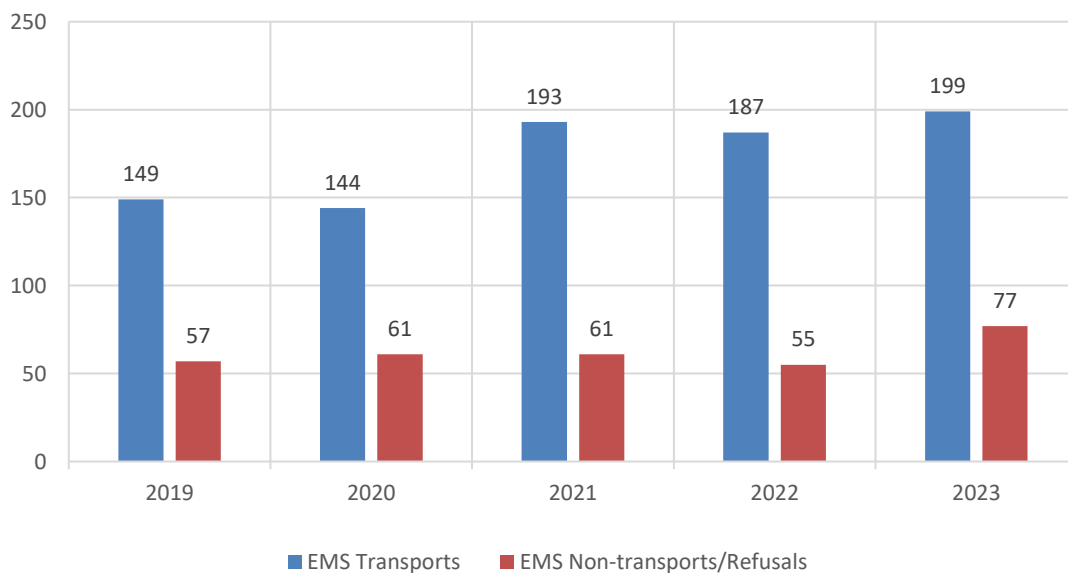
Mutual Aid - Year-to-Date 2023



EMS Incidents

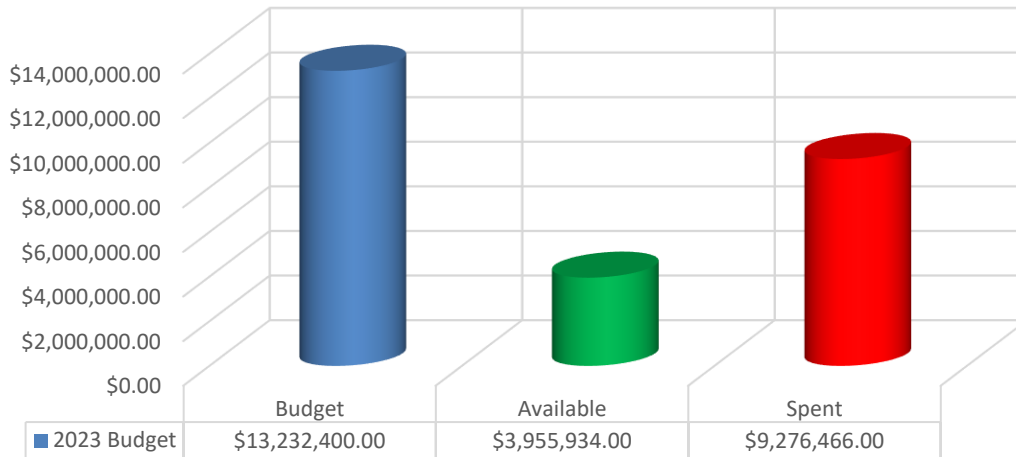
The chart shown below reflects EMS Transports vs. Non-Transports/Refusals. It's important to note that not every EMS call will result in a transport to the hospital. However, as you'll see from the data, transports always outpace Non-Transports/Refusals. This chart below compares the month of September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

EMS Transports vs Non-Transports/Refusals Monthly Comparison



ADMINISTRATION DIVISION

2023 Budget



Congratulations!

Congratulations to Firefighter/Paramedic **Kevin Glasder** (pictured left) on completing his Confined Space Operations and Rope Operations certifications.

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.

Pictured to the right is students from St. Francis De Sales on their "Spirit Day Walk" which includes passing their fire station and meeting their firefighters!



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

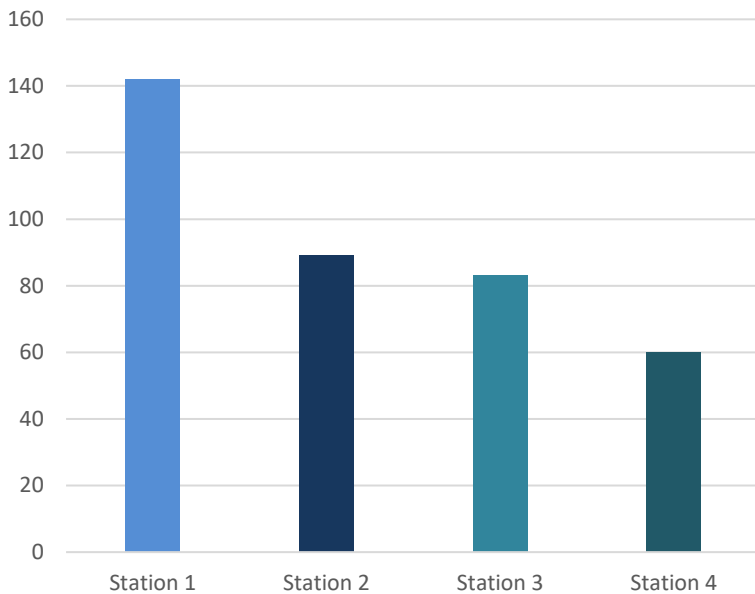
APPARATUS & STAFFING

ENGINE 324
AMBULANCE 324

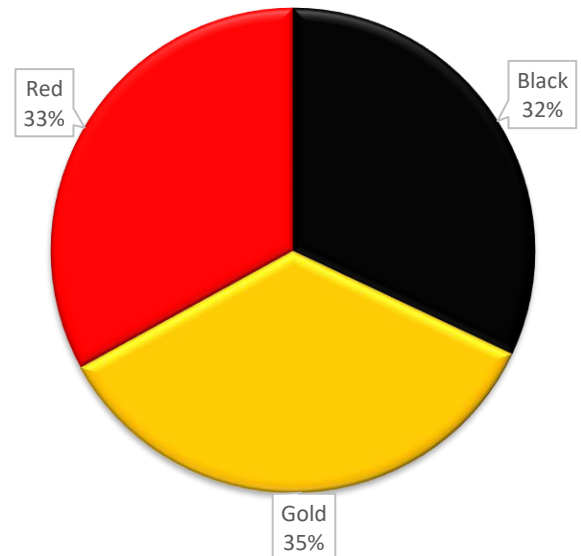


OPERATIONS DIVISION

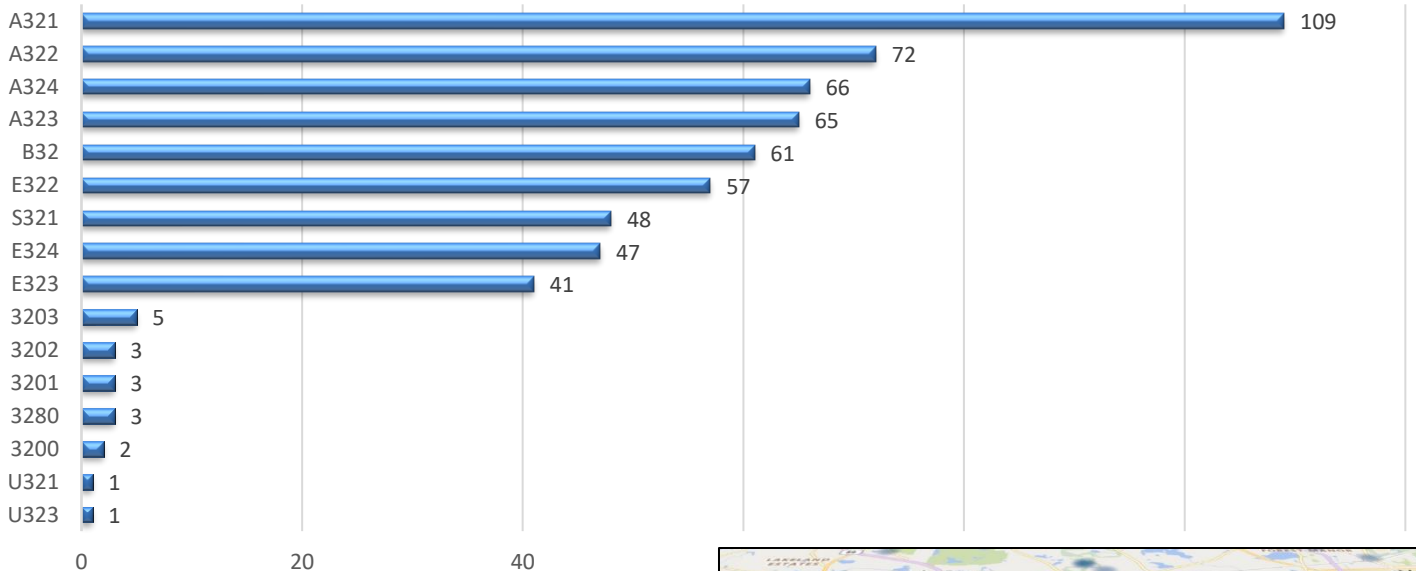
Incident Count by Station



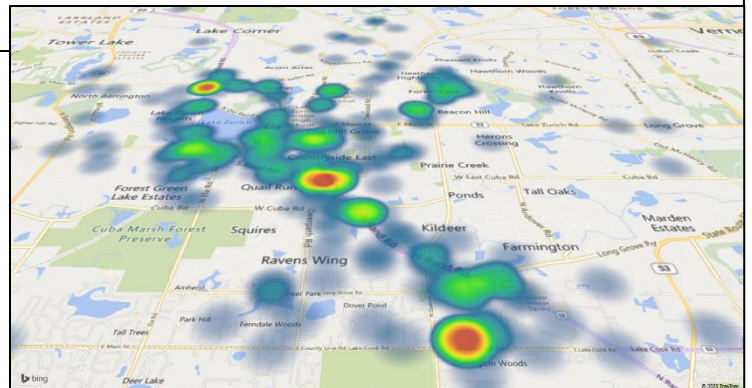
Incident Percentage by Shift



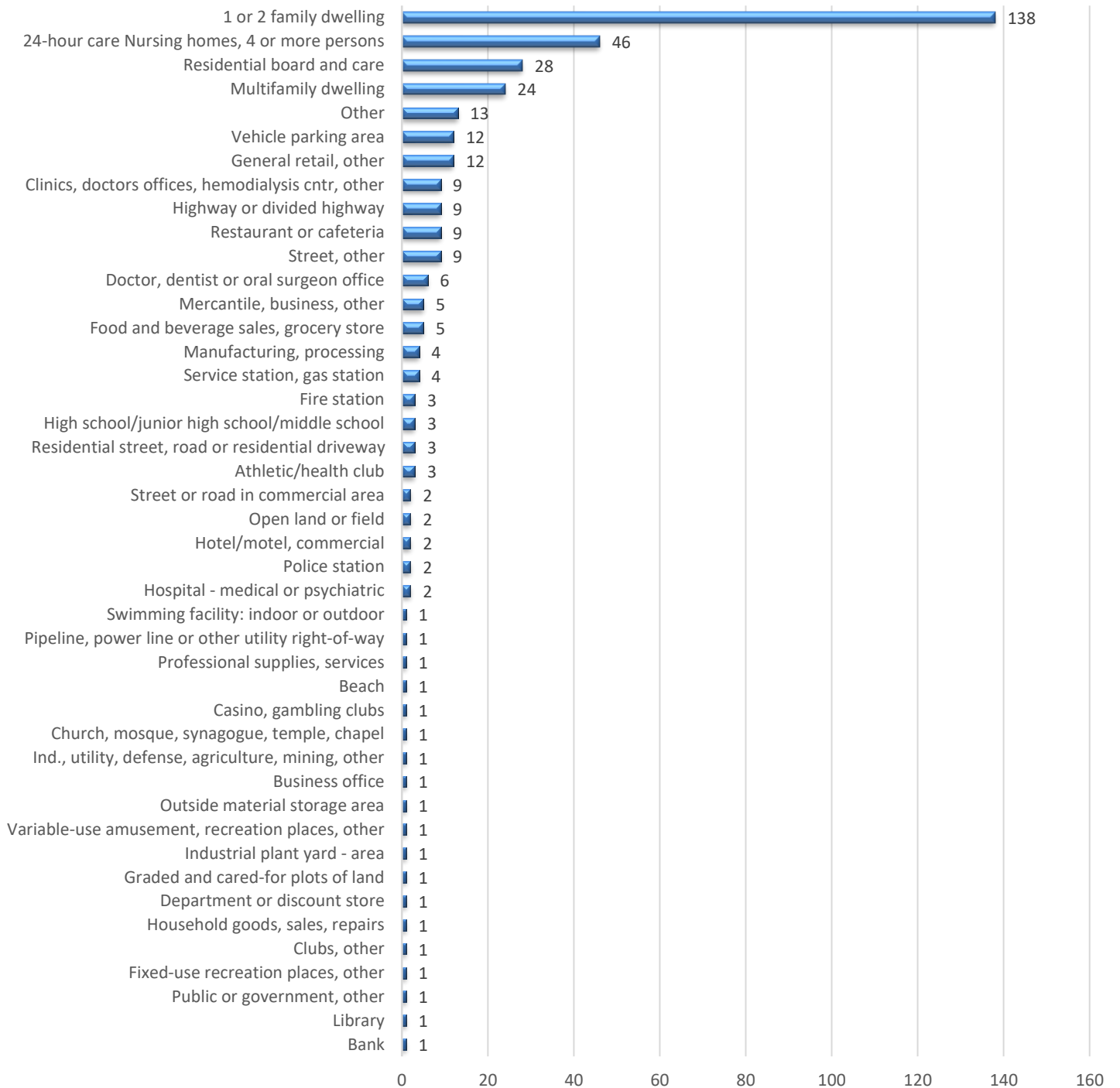
Incident Count by Unit



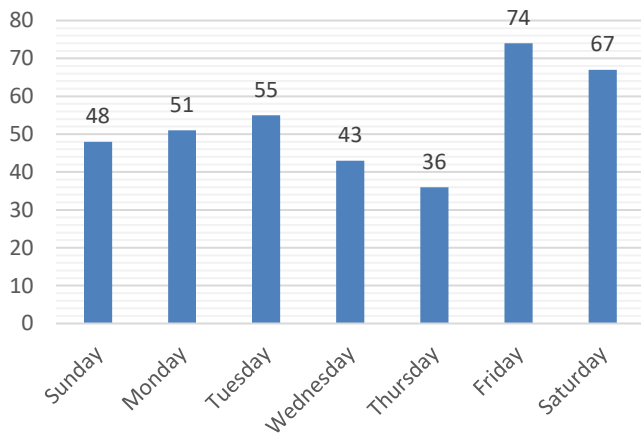
Response Locations The graphic to the right is a visual representation of call distribution for September. As visually displayed, the assisted living/memory care facilities are a large portion of our department calls and are consistently within the top locations responded to each month. We frequently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



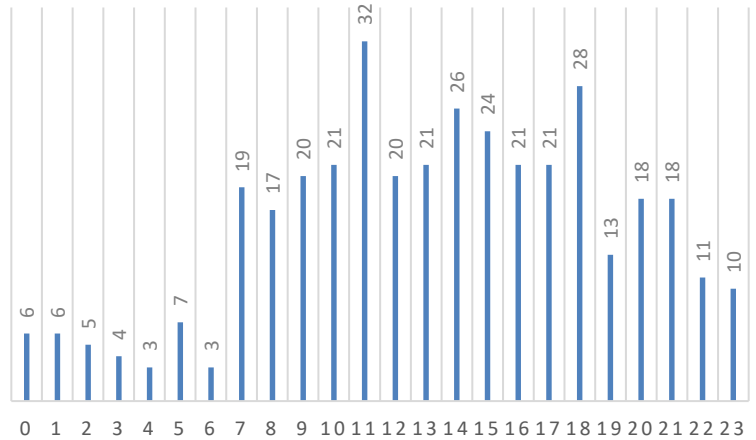
Incidents by Property Type - September 2023



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 September 2023.

Dispatch Time	Turnout Time
Average Dispatch Time 1 MINUTE, 06 SECONDS	Average Turnout Time 0 MINUTES, 58 SECONDS
Travel Time	Response Time
Average Travel Time 4 MINUTES, 44 SECONDS	Average Response Time 5 MINUTES, 41 SECONDS

TRAINING DIVISION

Fire Training:

- Firefighter Survival – Rapid Intervention Team Operations
- Making the Stretch – Hose Line Advancement Drills
- Rescue Task Force – Movement and Communications with Police Department
- Auto Aid Fire Attack with Countryside Fire Department, Wauconda Fire Department, Libertyville Fire Department and Mundelein Fire Department at Countryside Training Tower
- Vehicle Machinery Operations – Heavy Rescue Stabilization and Extrication
- 2 weeks of New Hire Fire Academy *(pictured right)*
- Vertical Ventilation – Supporting the Nozzle Team
- Engineering – the department has 6 new Fire Apparatus Engineers in Training
- Tactical Deployment Model – The first 10 of an Incident

EMS Training:

- Northwest Community Healthcare Continued Education
- EMS Preparedness and Response to Multi-Patient Incidents
- Quarterly Intubations



Special Team Training:

- Heavy Rescue – Stabilization and Extrication

Health and Safety Training:

- Safety Committee – Reviewed the village Safety policy and Objectives
- 2nd Quarter Injury Reviews
- Hearing Protection practices
- Plymovent Practices

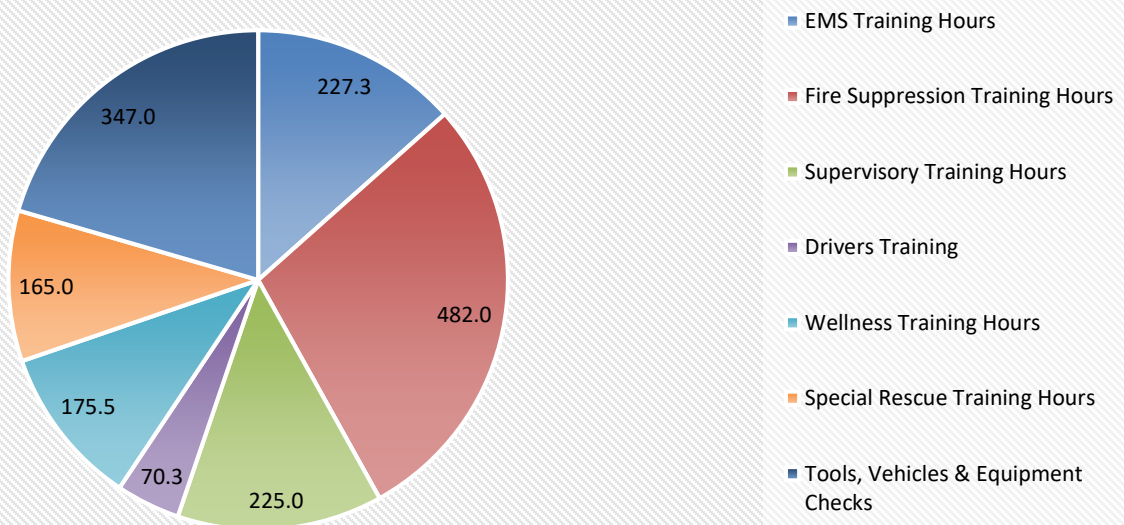
Administrative Training:

- Sexual Harassment – Quarterly Bulletin
- District Familiarization

Outside Training:

- **Deputy Chief Kelly** – Metro Fire Chiefs Symposium
- **FF/PM Bene & FF/PM Campbell** – Vehicle Machinery Technician
- **Lieutenant Booth** – Illinois Instructors Conference
- **FF/PM Spata** – Truck Operations
- **PFF/PM Rowe & PFF/PM Munoz** – Fire Apparatus Engineer

Monthly Training Hours - 1,692.00 Total



FIRE PREVENTION BUREAU

Fire Incidents:

- September 16 - Closet Fire 201 S. Buesching Road, Apartment 223
- September 20 - Car Fire at Quentin & White Pine

Fire Inspections:

The Fire Prevention Bureau conducted **113** Annual Property Inspections in September.

Additional Inspections:

- 11 Final Inspections for Lake Zurich
- 8 New Sprinkler Systems/Hydro
- 3 New Fire Alarm
- 4 Fire Alarm Follow-ups
- 1 Knox Box
- 1 Ceiling
- 1 Fire Pump
- 1 Flush Test/Witness
- 1 Other Suppression-Hood

Additional Inspections and Other Activities:

- September 14 – Lake Zurich High School – Meeting with District 95 to discuss new mapping and evacuation Plan
- September 16 – Deer Park Art Show Tent Inspections 10:00 to 12:00
- September 18 – Residential Safety Check Follow Up
- September 21 – Sprinkler Relocation Consultation at 65 Oakwood
- September 22 – Bushel of Apples Fest Tent Inspection at Paulus Park
- September 25 – Meeting regarding new Casa Bella Subdivision in Kildeer
- September 27 – Safety Complaint follow up
- September 27 – Job Fair at YMCA in Lake Zurich

Fire Drills:

The FPB conducted **Five** Fire Drills in the month of September.

- September 13 - 450 Enterprise Parkway
- September 14 – Sarah Adams School
- September 20 - Good Shepherd Hospital “O.R.”
- September 22 – Seth Paine Elementary School
- September 26 - St. Francis De Sales School

Plan Reviews:

The FPB completed 20 Plan Reviews taking 29 plan review hours.

