



FIRE DEPARTMENT

MONTHLY INFORMATION REPORT

April 2023

HIGHLIGHTING DATA METRICS
TO IDENTIFY OPERATIONAL TRENDS
AND
FACILITATE INFORMED DECISION-MAKING

70 E. MAIN STREET
LAKE ZURICH, IL 60047

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.

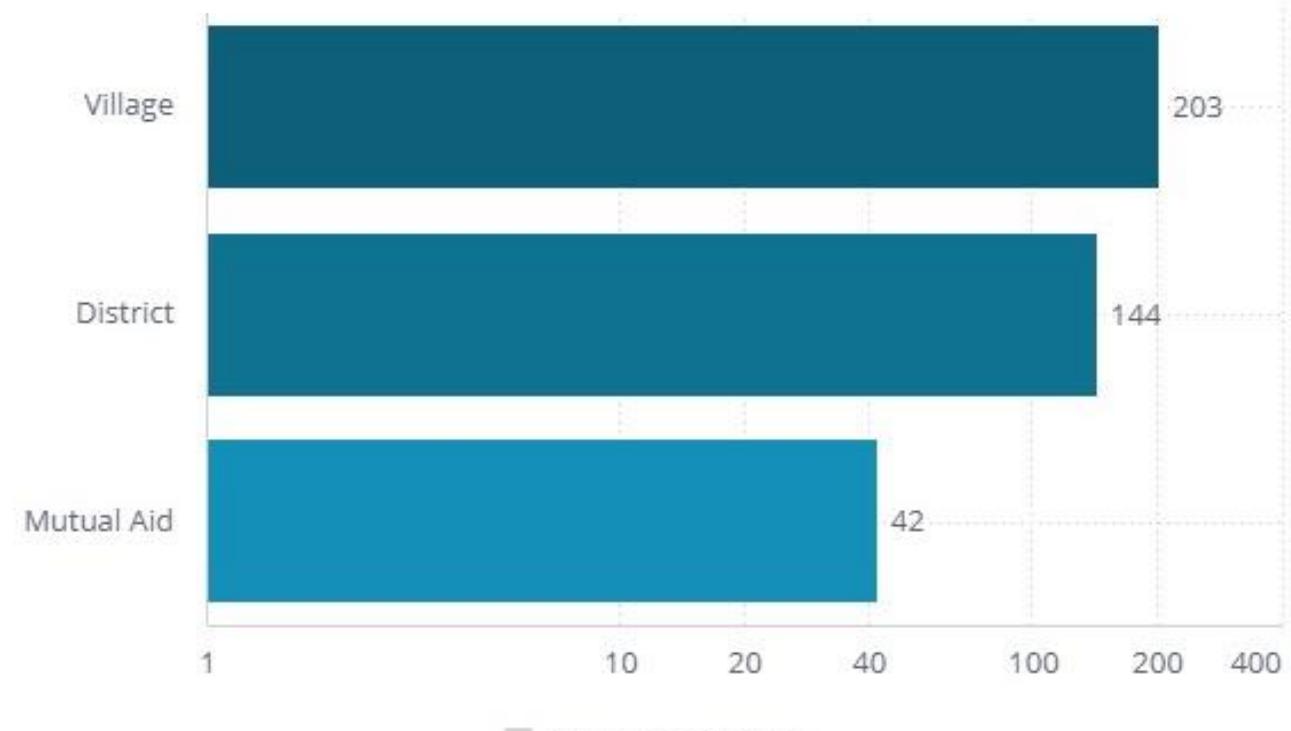
OUR VALUES: Professionalism, Responsibility, Integrity, Dedication, Honor

EXECUTIVE SUMMARY – APRIL 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.

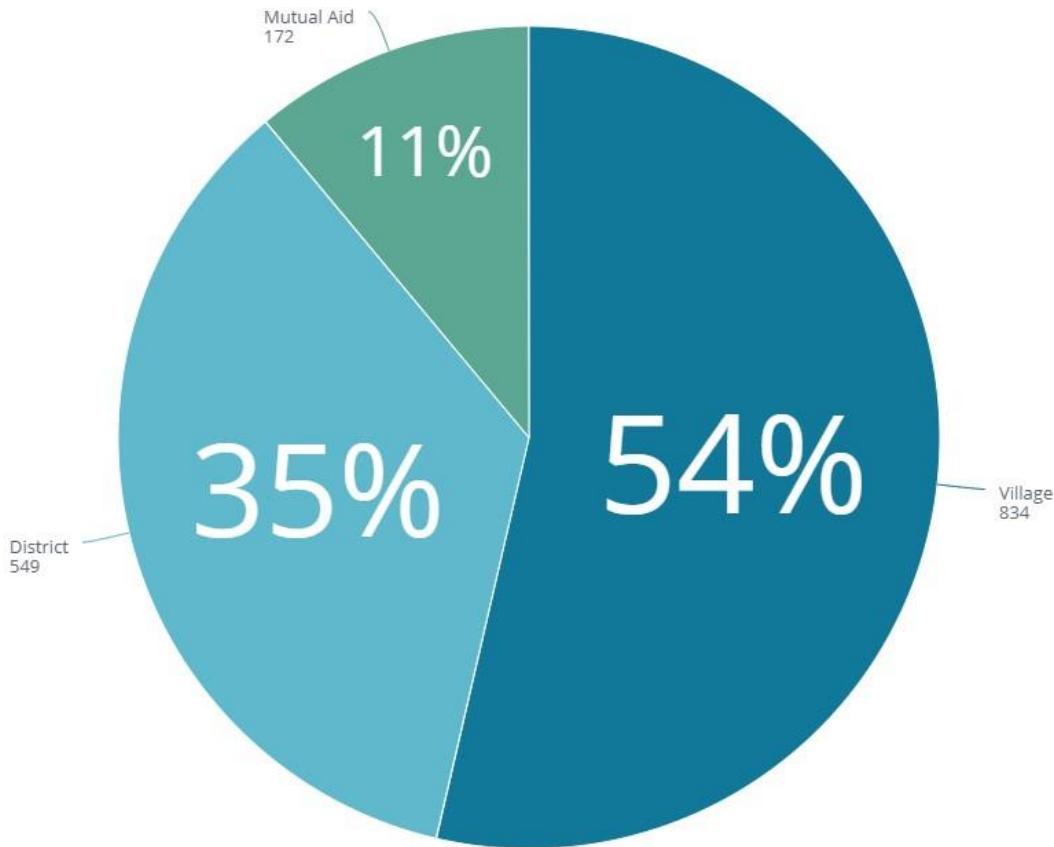
389 Incidents – April 2023

Responses – April 2023



1,555 Incidents – Year to Date

Responses – Year-to-Date 2023



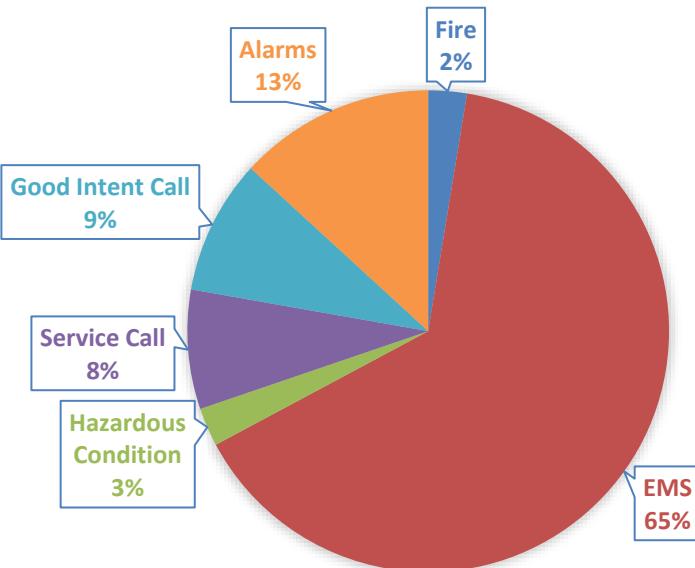
Incident Types

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

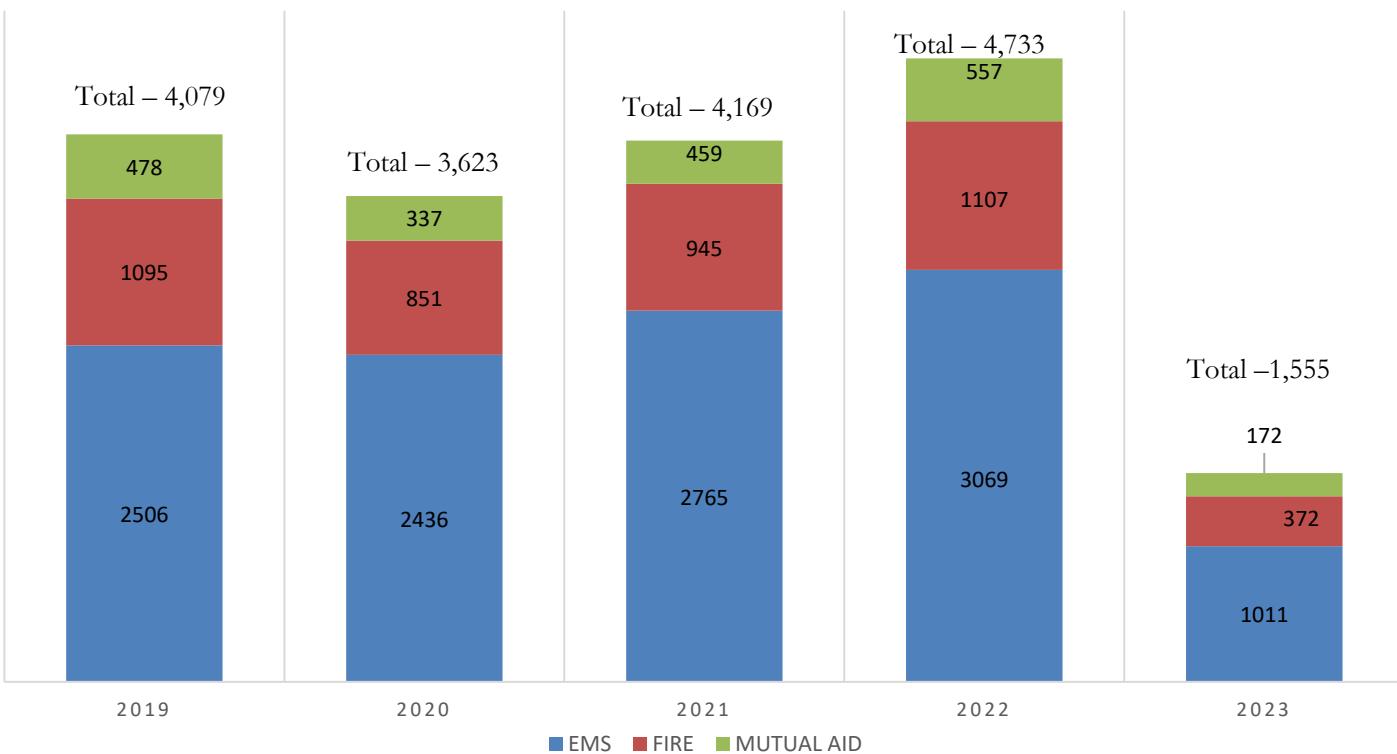
The codes all relate to the text categories noted in the chart to the right. Rescue and EMS incidents account for the majority of incidents we respond to.

In April, **250** incidents were Rescue and EMS incidents.

INCIDENT TYPES - APRIL 2023



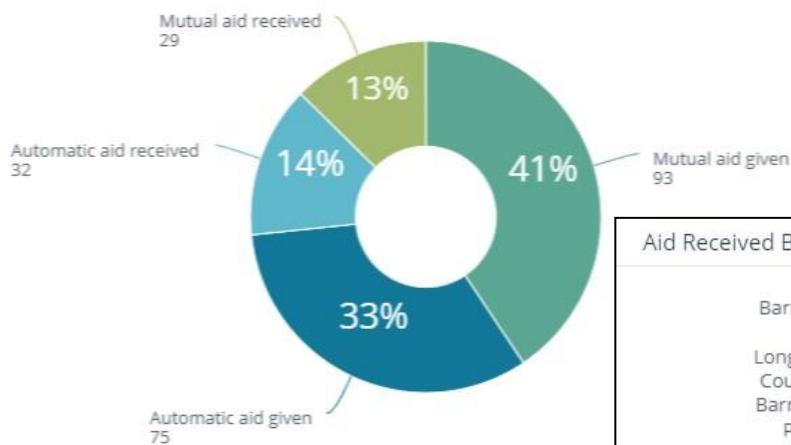
EMS/FIRE/MUTUAL AID YEAR-TO-DATE



Fire Incidents (Year-to-Date)



Breakdown of Aid Given or Received - Year to Date - 2023



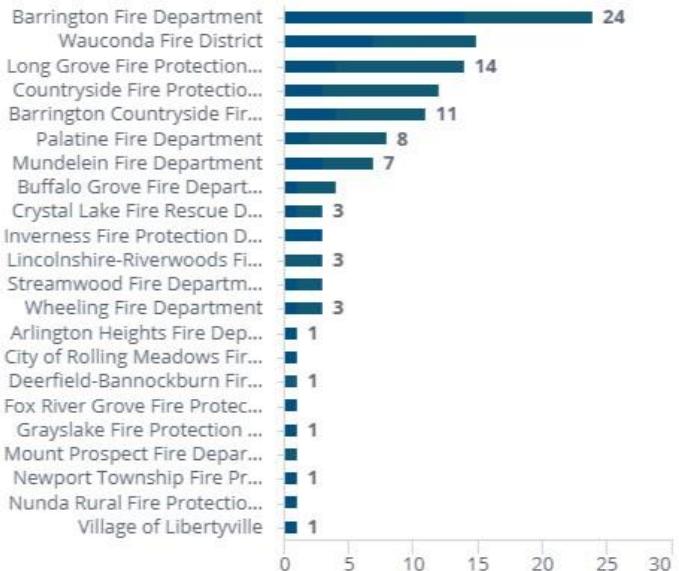
MUTUAL AID

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 April across 5 years.

Aid Received Breakdown by Agency - Year to Date - 2023



EMS Transports vs Non-Transports/Refusals Monthly Comparison



ADMINISTRATION DIVISION

Letters of Gratitude

GRAYSLAKE FIRE PROTECTION DISTRICT



Headquarters: 160 Hawley Street Grayslake, IL 60030
www.grayslakefire.com

Tel. 847.223.8960
Fax 847.223.8964

Board of Trustees

Ellen L. Dimock
President

Karen Wojciechowski
Treasurer

Terry Toth
Secretary

From the office of:

*Fire Chief
Dan Pierre*

April 5, 2023

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

Dear Chief Pilgard,

On behalf of the Grayslake Fire Protection District, please accept my sincere thanks and appreciation for the assistance your department provided to our structure fire MABAS Box #27-22 to the box alarm level on April 3, 2023.

The residence at 1601 Albany Street in Grayslake had a well-involved fire in the end unit of a multi-residential building under construction on the arrival of our crews. The incident commander requested an upgrade of the alarm for additional crews and change of quarters companies. The fire was extinguished with no injuries occurring to residents or firefighters.

We sincerely appreciate the professional members and resources provided by your department. Please extend our thanks to all personnel of your department for the excellent service they provided.

Sincerely,

Dan Pierre
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 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.

In April, Lake Zurich Fire participated in public education events including Station Tours (*pictured below left*), CPR, Fire Engine Ride to School, the Lake Zurich High School Job Fair (*pictured below right*), and Fire Drills. These interactions totaled over **2,300** public education contacts.

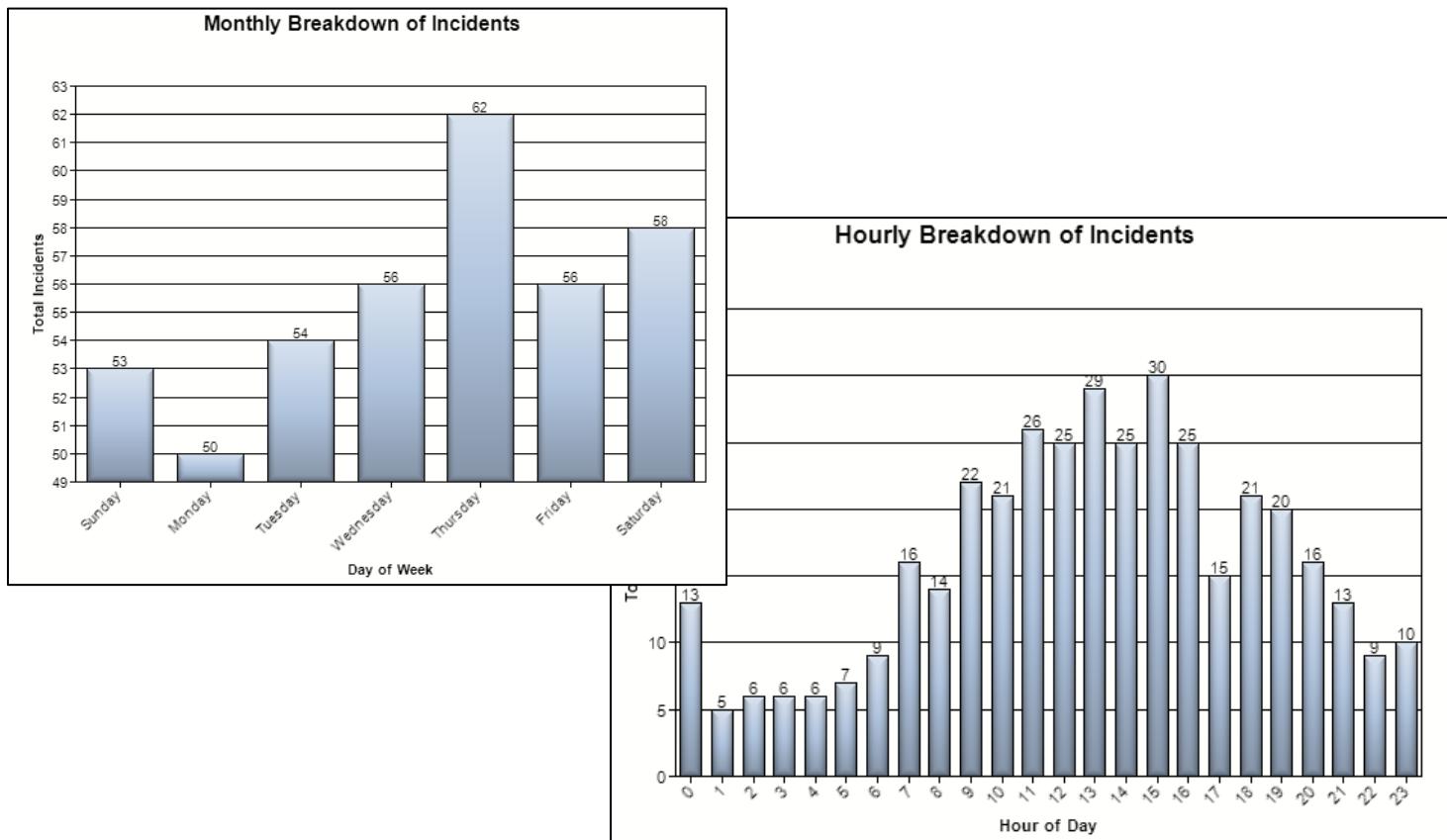


2023 Budget



OPERATIONS DIVISION

The following two charts breakdown incidents by the day of the week and hour of the day.



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

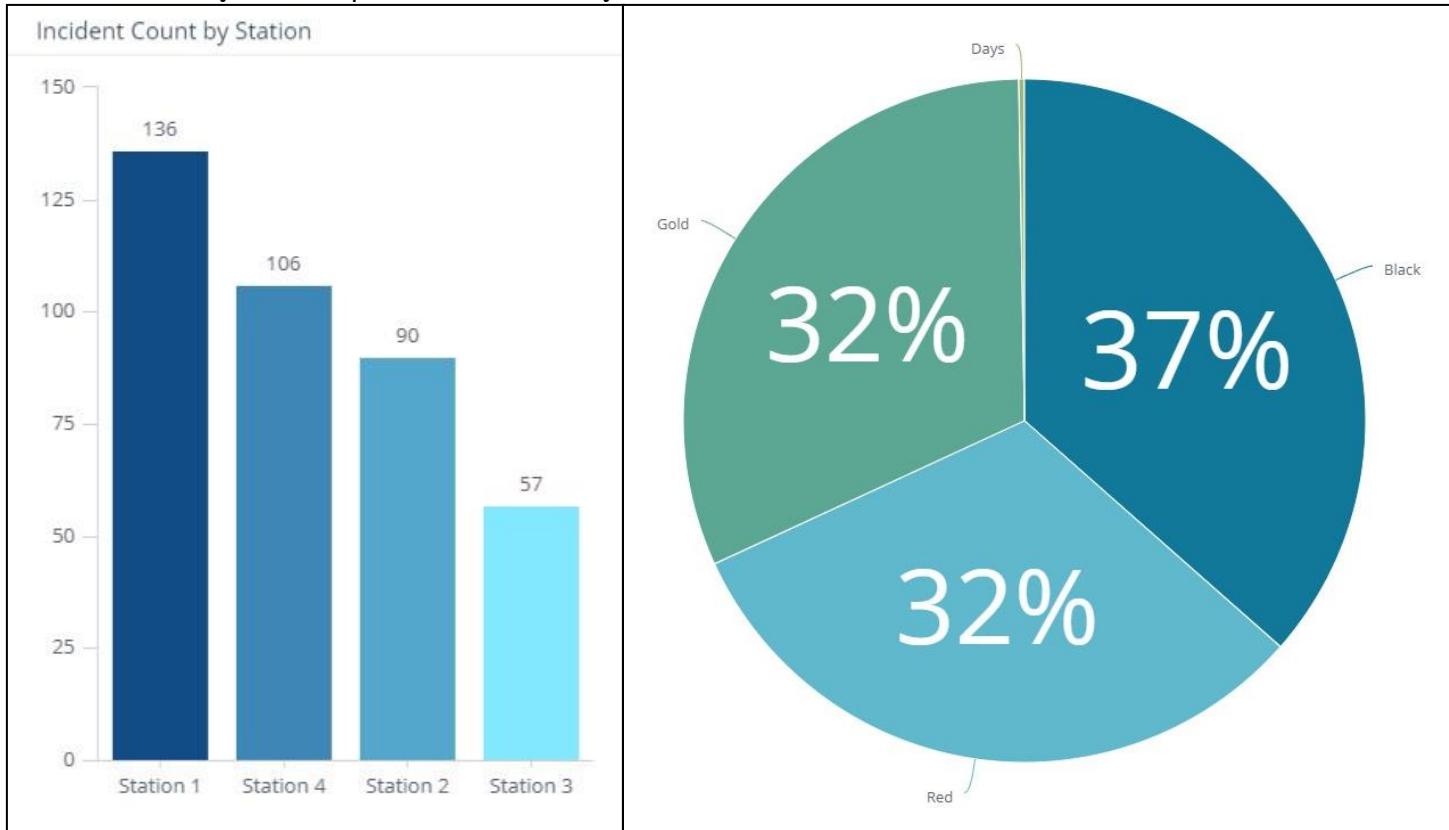
21970 Field Pkwy
Deer Park, IL 60010

APPARATUS & STAFFING

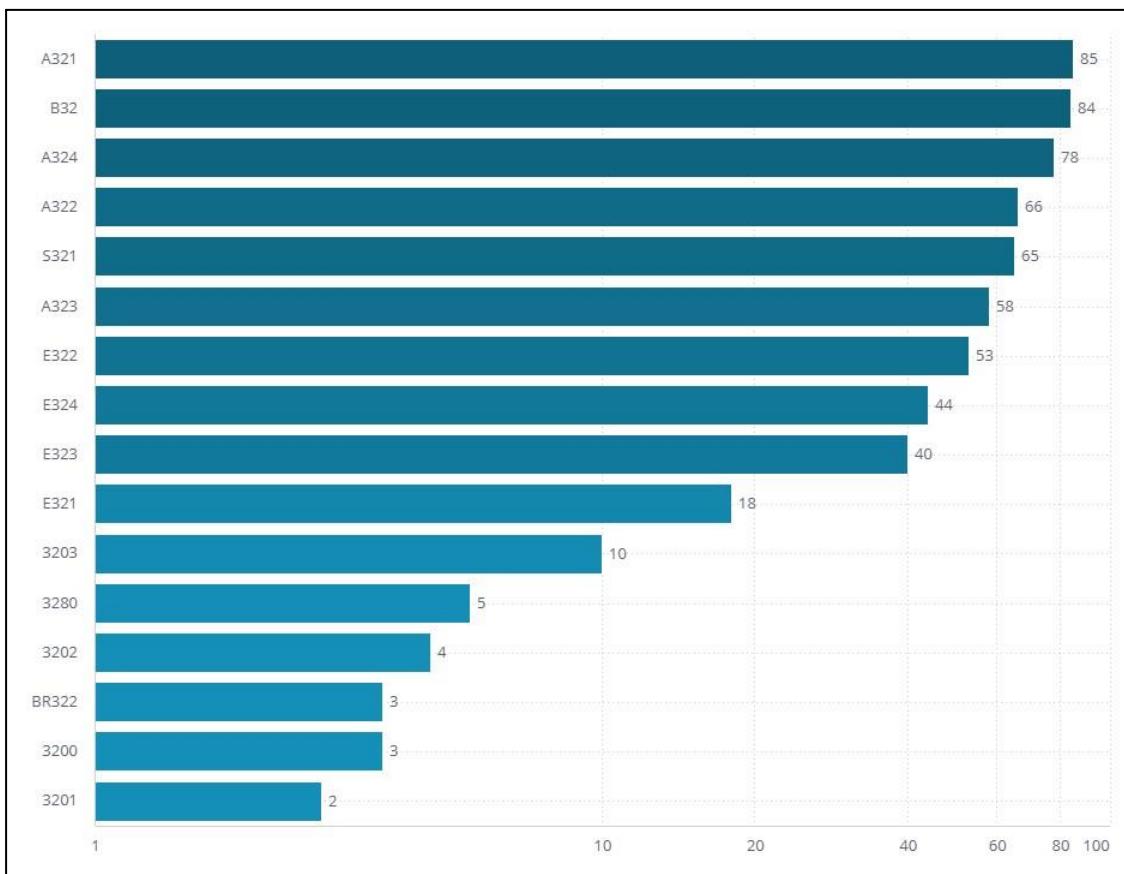
ENGINE 324
AMBULANCE 324



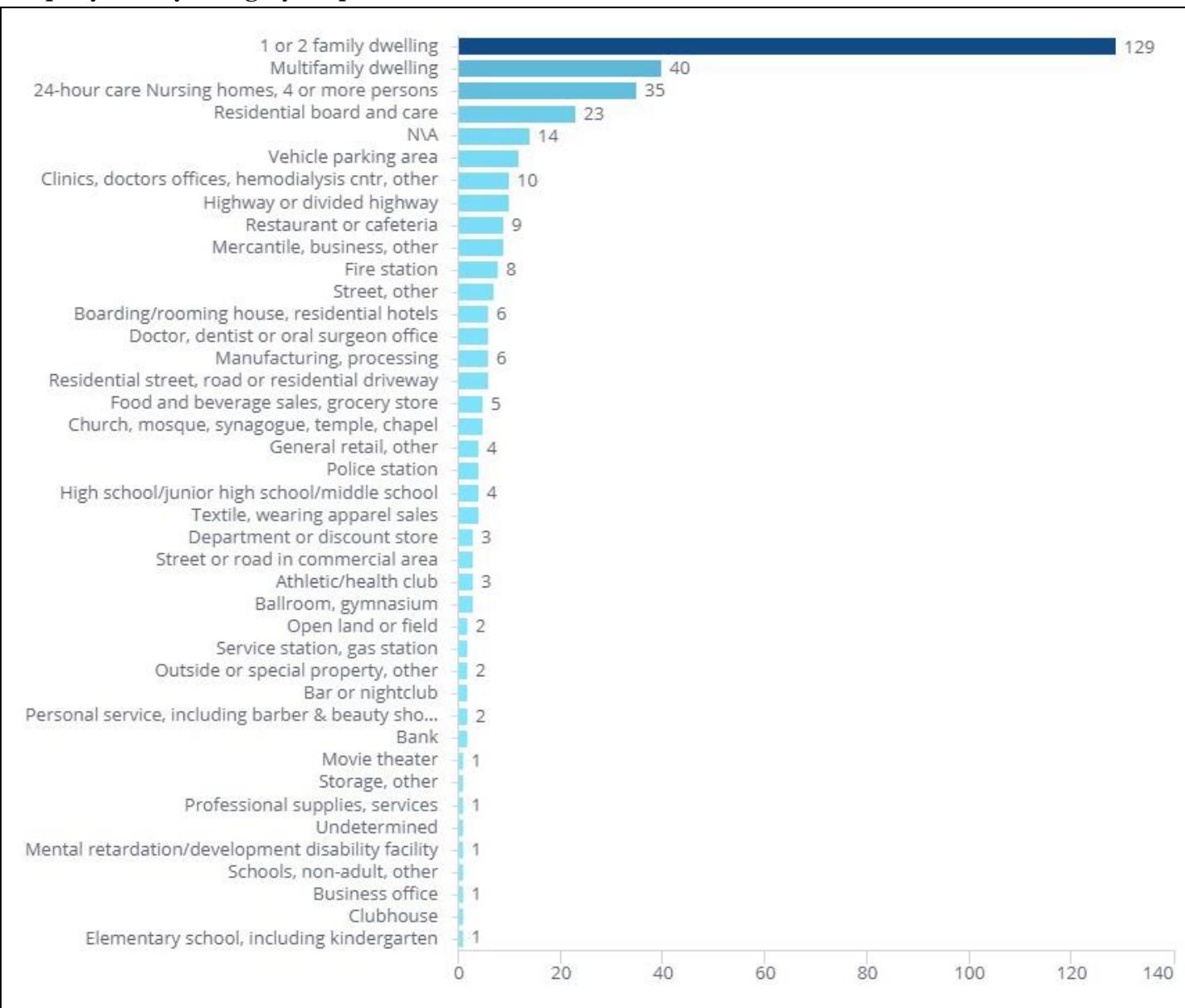
Incident Count by Station | Incident Count by Shift



Incident Count by Unit



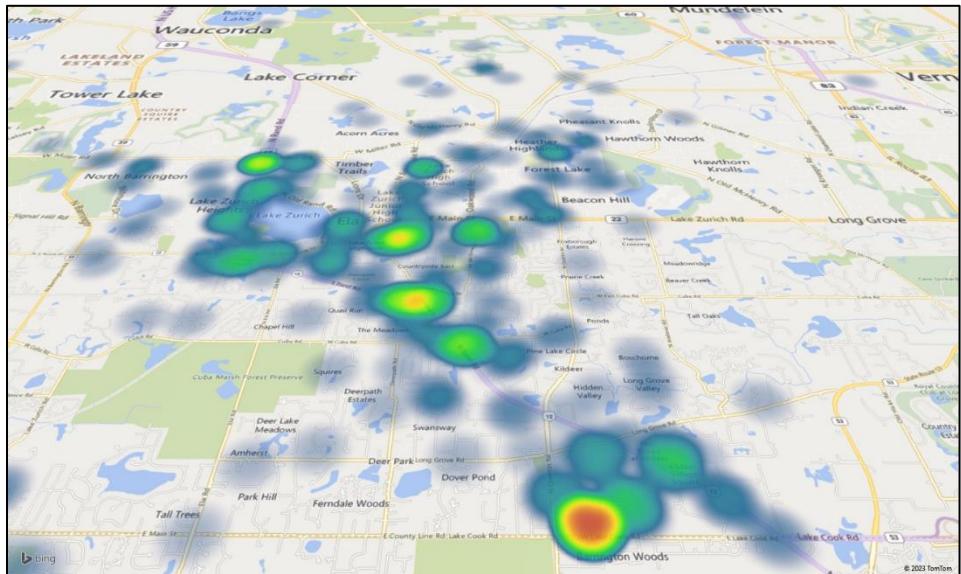
Property Use by Category – April 2023



The graphic to the right is a visual representation of call distribution for April.

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.



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 April 2023.



| | |
|---|--|
| Dispatch Time | Turnout Time |
| Average Dispatch Time 01m:27s | Average Turnout Time 01m:01s |
| Travel Time | Response Time |
| Average Travel Time 04m:38s | Total Response Time 05m:40s |

TRAINING DIVISION

During April, we completed the following shift training:

Fire Training

- Firefighter Bailouts- Firefighter survival (*pictured right and below/ right*)
- School Bus Extrication
- Forcible Entry
- Ladders
- RAM In-Service
- Dry Hydrant Testing
- Acquired Structure Training – Hose Advancement – Victim Search – First In Operations
- Thermal Imager Use & Fire Behavior – Outside Instructor (*pictured below*)



EMS

- Continued Education with Northwest Community Hospital
- EMS SOP Review

Pre-Planning Review

- Dry Hydrant Pre-planning
- 1350 E Hwy 22
- 1025 Old McHenry Rd

Special Rescue Training

- Rope Rescue Operations continued
- Wildland
- HazMat Monitoring



The following members attended outside training:

The Explorer Post attended live fire training in Huntley (*pictured left & below*)

Lieutenant Johnson – SPRAT 1
(Advanced Rope Rescue Technician Training)

Lieutenant Reid – ESO Conference in Austin Tx

Lieutenant Wascow – ESO Conference in Austin Tx

Captain Kammin – Training Officers Bootcamp – Peoria

FF/PM Glasder – Trench Rescue Operations

Lieutenant Booth – FDIC

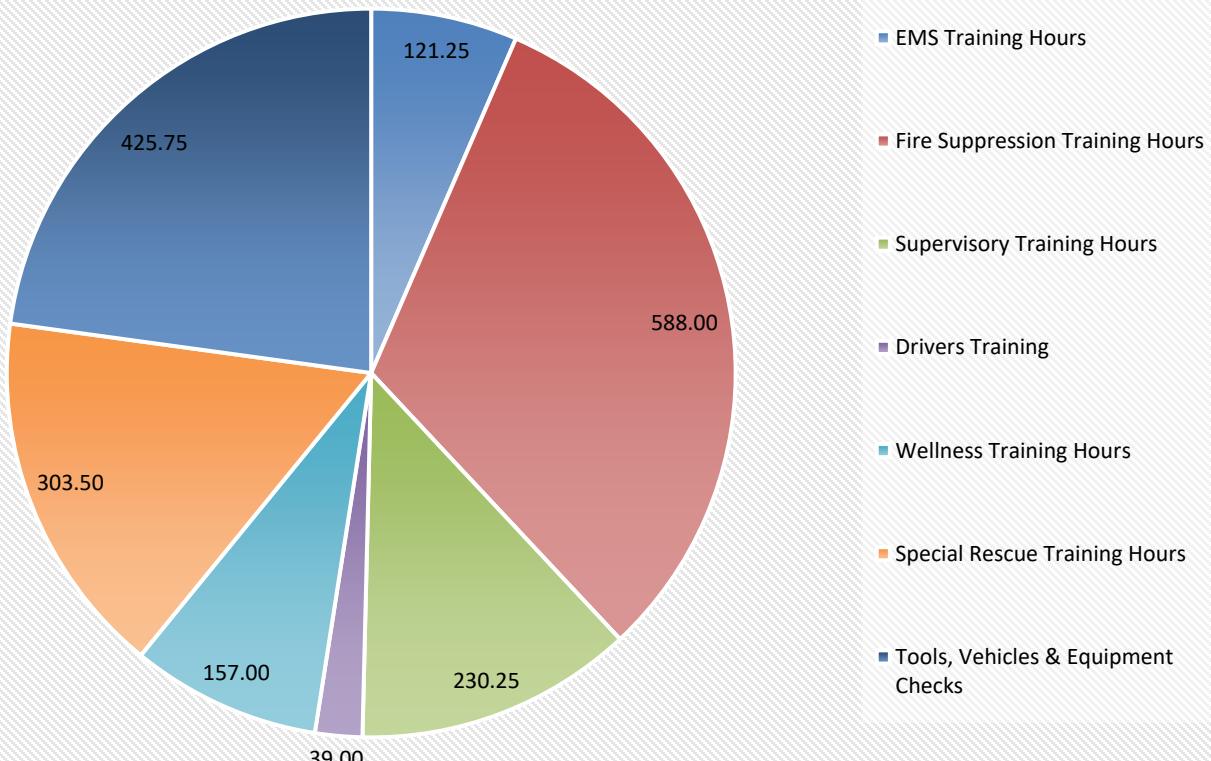
Lieutenant Henriksen – FDIC

FF/PM Stodola – FDIC

FF/PM Tanner – FDIC

Deputy Chief Christopherson – IESMA Conference

Monthly Training Hours - 1,864.75 Total



FIRE PREVENTION BUREAU

April had some unusually warm weather which meant grass fire season was here.

The picture below demonstrates how quickly a simple burn pile can become a field fire.





The picture to the left is from a small fire at Copper Fiddle. The employee was familiar with how to work the fire extinguisher at the restaurant, which limited the fire damage.

The below picture is an example of why annual fire inspections are so important. This non-permitted furniture storage was discovered in an empty store in Kildeer. The store was packed solid from front to back. The Village of Kildeer was notified and is working with the owner to remove the storage and provide the proper permits.



The picture to the left is from a controlled Burning off of Lions Drive.

The Fire Prevention Bureau were there to make sure the burn was done safe and correctly.



The picture to the left is from a mutual aid fire investigation to the Round Lake Fire Department.

This fire began under the deck and was determined to be from improper disposal of smoking materials.

The following meeting and training sessions were attended during April 2023

- NIFIA Board
- NIFIA general meeting and training session on fire investigations
- Deer Park construction meetings for multiple build outs at Deer Park Mall
- DRT meeting with Building & Zoning
- Costco replacement of Fire Alarm

