



**Village of Mount Prospect
Committee of the Whole
Meeting Agenda
50 S. Emerson St. Mount Prospect, IL 60056**

March 10, 2026

Village Hall - 3rd Floor Board Room

6:00 PM

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. CITIZENS TO BE HEARD**
- 4. DISCUSSION ITEMS**
 - 4.1. Fire Department Operations Update
- 5. VILLAGE MANAGER'S REPORT**
 - 5.1. As submitted
- 6. ANY OTHER BUSINESS**
- 7. CLOSED SESSION**
 - 7.1. LITIGATION 5 ILCS 120/2 (c) (11) - Litigation, when an action against, affecting or on behalf of the particular public body has been filed and is pending before a court or administrative tribunal, or when the public body finds that an action is probable or imminent, in which case the basis for the finding shall be recorded and entered into the minutes of the closed meeting
 - 7.2. LAND ACQUISITION 5 ILCS 120/2 (c) (5) - The purchase or lease of real property for the use of the public body, including meetings held for the purpose of discussing whether a particular parcel should be acquired.
 - 7.3. PERSONNEL 5 ILCS 120/2 (c) (2) - Collective negotiating matters between the public body and its employees or their representatives, or deliberations concerning salary schedules for one or more classes or employees.
 - 7.4. PERSONNEL 5 ILCS 120/2 (c) (1) - The appointment, employment, compensation, discipline, performance, or dismissal of specific employees of the public body, including hearing testimony on a complaint lodged against an employee to determine its validity.
 - 7.5. DISPOSE OF LAND 5 ILCS 120/2 (c) (6) - The setting of a price for sale or lease of property owned by the public body.
- 8. ADJOURNMENT**

ANY INDIVIDUAL WHO WOULD LIKE TO ATTEND THIS MEETING BUT BECAUSE OF A DISABILITY OR NEEDS SOME ACCOMMODATION TO PARTICIPATE, SHOULD CONTACT THE VILLAGE MANAGER'S OFFICE AT 847/392-6000, EXTENSION 5327



Item Cover Page

Subject	Fire Department Operations Update
Meeting	March 10, 2026 - MEETING OF THE MOUNT PROSPECT COMMITTEE OF THE WHOLE
Fiscal Impact	N
Dollar Amount	N
Budget Source	N
Category	DISCUSSION ITEMS
Type	Presentation

Information

The opening of Station 11 on July 11, 2024, marked an important step in balancing emergency response coverage across the Village. The addition of this station restored fire and EMS service to the manufactured home communities that were previously served by the Elk Grove Rural Fire Protection District. At the same time, Station 11 strengthened emergency response throughout the Village by reducing response areas, improving coverage across the south side, and helping balance call volume among the department's four stations.

Prior to the addition of Station 11, the Fire Department operated with three staffed stations serving a steadily increasing call volume that now exceeds 7,900 incidents annually. Over the past several years, increasing emergency medical service (EMS) demand has accounted for more than 75% of all calls for service. In addition, more than 55% of the department's total call volume occurs on the south side of the Village.

Prior to the opening of Station 11, emergency calls were not evenly distributed across the Village, placing a heavier workload on Stations 12 and 13 and requiring those units to cover larger response areas. Under the three-station model, District 12 accounted for approximately 45% of the department's calls, District 13 accounted for 33%, and District 14 accounted for 22%. With the addition of Station 11 and the transition to a four-district response model, call volume is now distributed more evenly throughout the Village. Today, District 11 and District 12 each account for approximately 27% of calls, District 13 accounts for 25%, and District 14 accounts for 19%.

The addition of Station 11 has also improved the department's ability to meet nationally recognized response benchmarks outlined in NFPA 1710, which establishes recommended response times for fire departments. With the transition to a four-station model, emergency resources are now able to arrive at incidents more quickly and more consistently throughout the Village. This improvement reflects the benefit of reduced response areas and a more balanced deployment of apparatus across the community.

Overall, the addition of Station 11 has strengthened the Fire Department's response system by restoring service to the manufactured home communities previously served by the Elk Grove Rural Fire Protection District and balancing emergency call distribution across the Village.

These improvements have reduced response areas for each station, resulting in faster response times and enhancing safety for both residents and firefighters.

Discussion

Alternatives

Staff Recommendation

Attachments

1. 2026 FD Update
2. Operations Update Memo Final



Fire Department

2026 Update



Fire Prevention Updates

Fire Inspections

Fire inspections were completed in all the old Elk Grove Township Fire Protection areas including 40 newly inspected properties/occupancies.

Fire inspections allowed for the correction of fire protection issues and the addressing of operational needs of new areas (new maps and pre-plans).

Smoke Alarm Grant Program for Manufactured Home Communities

The Mount Prospect Fire Prevention Bureau, along with nine paid-on-call firefighters, installed 90 smoke alarms in 26 manufactured homes. The program was possible through grant funding provided by Elk Grove Township.

Nearly all homes had insufficient or non-functioning smoke alarms before the program.

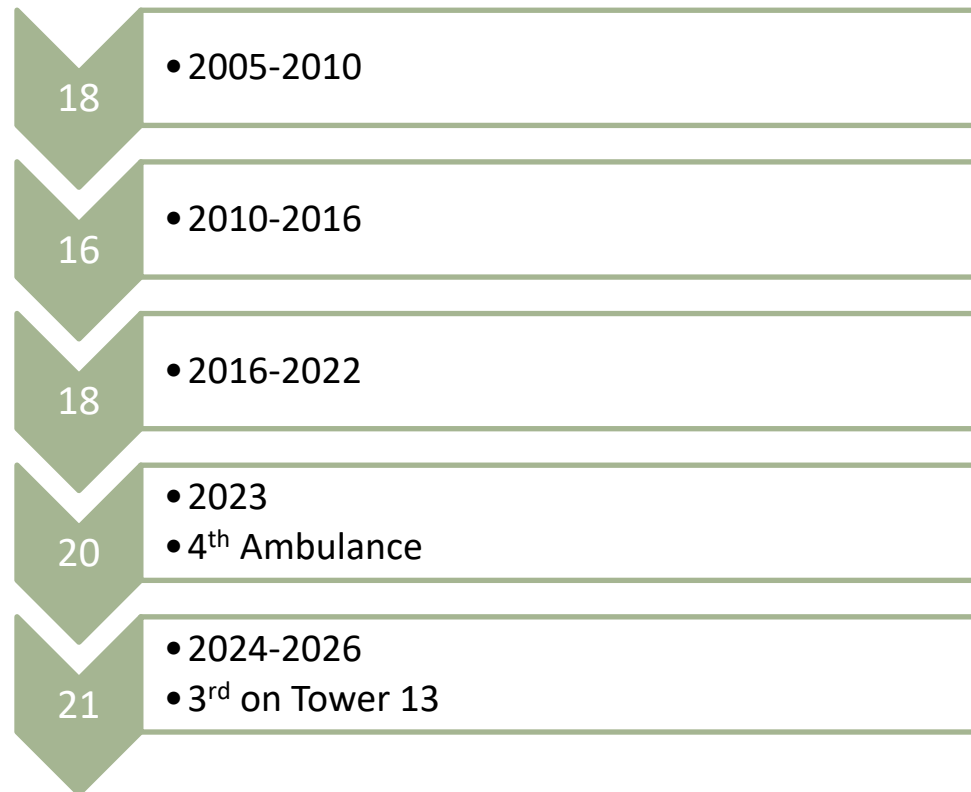
Approximately 25% had zero working smoke alarms, and 75% had an inadequate number of working smoke alarms.



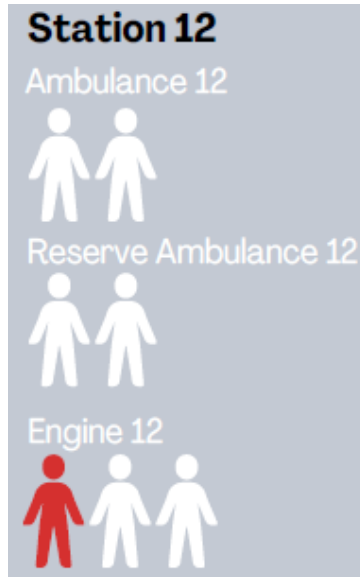
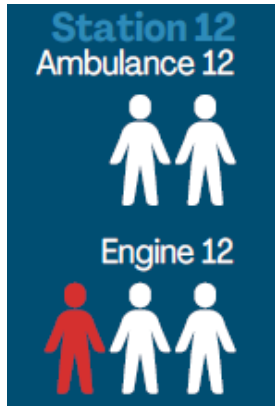


Daily Staffing History

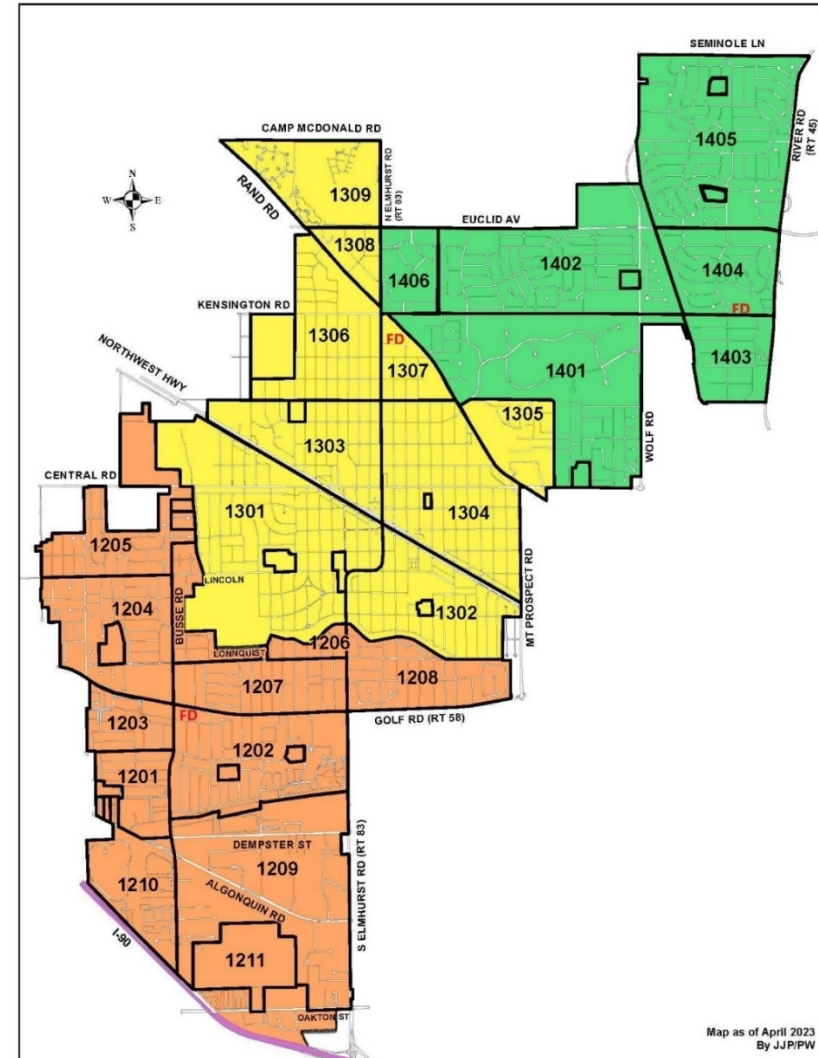
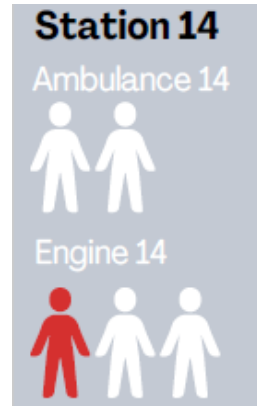
Daily Staffing



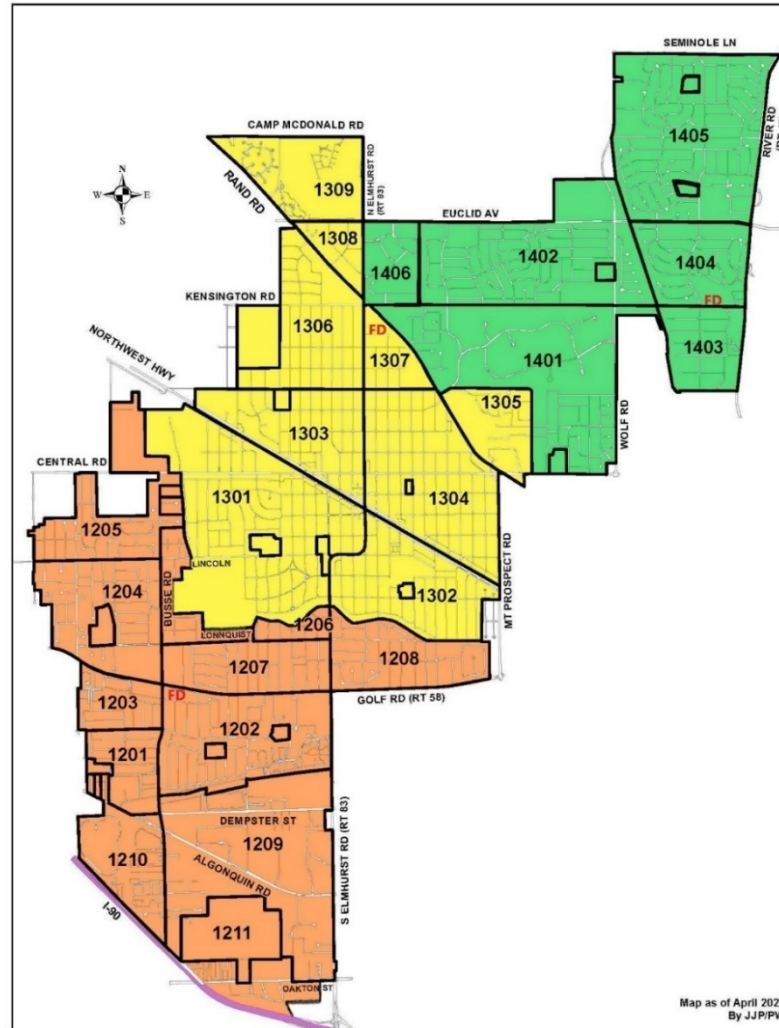
Three Stations with Personnel



June 2023
4th Ambulance



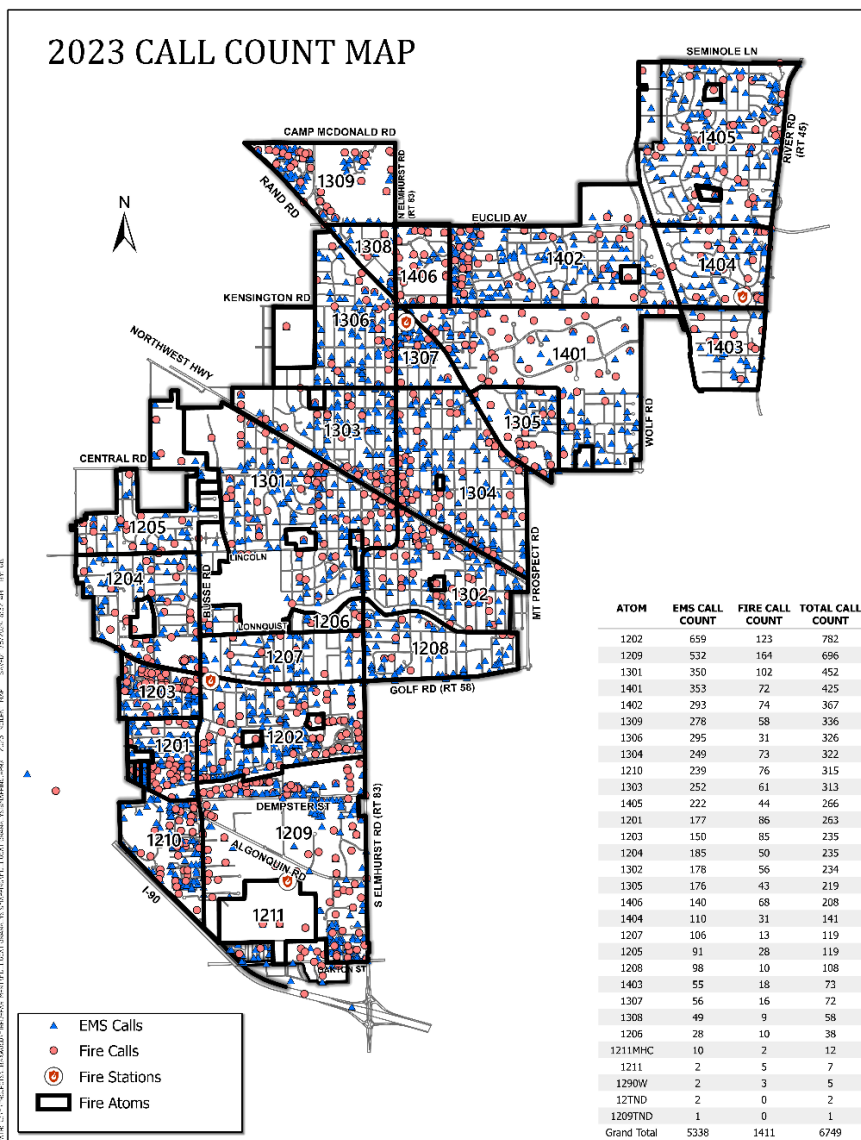
Three Station Response



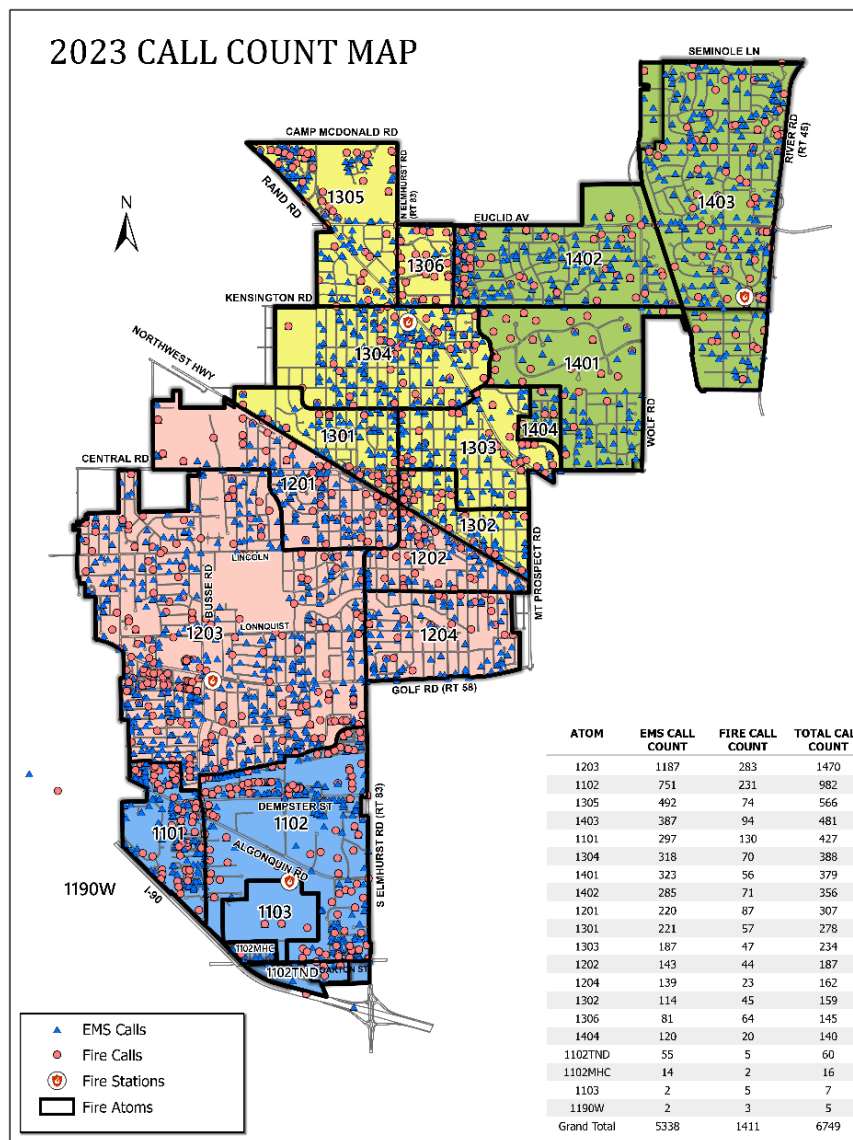


Transition to Four Stations

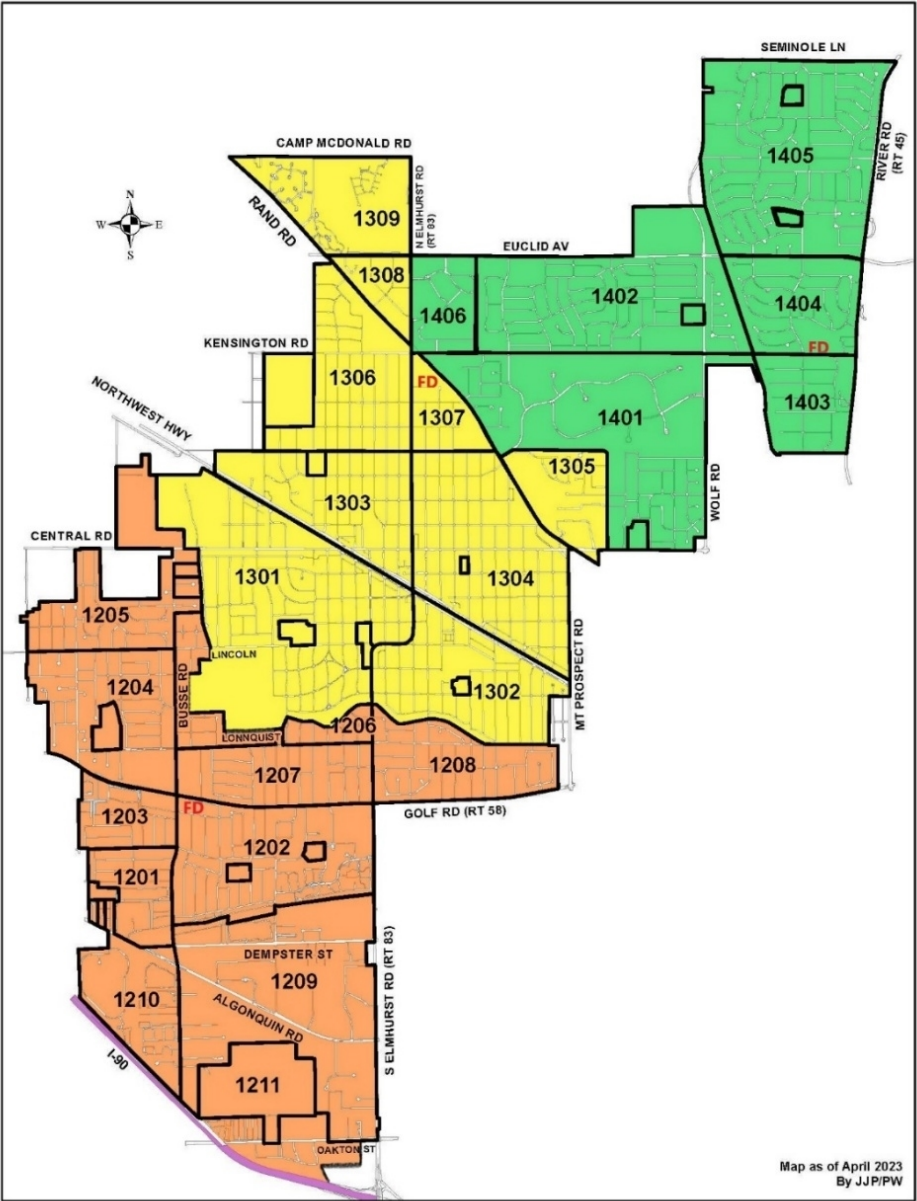
2023 CALL COUNT MAP



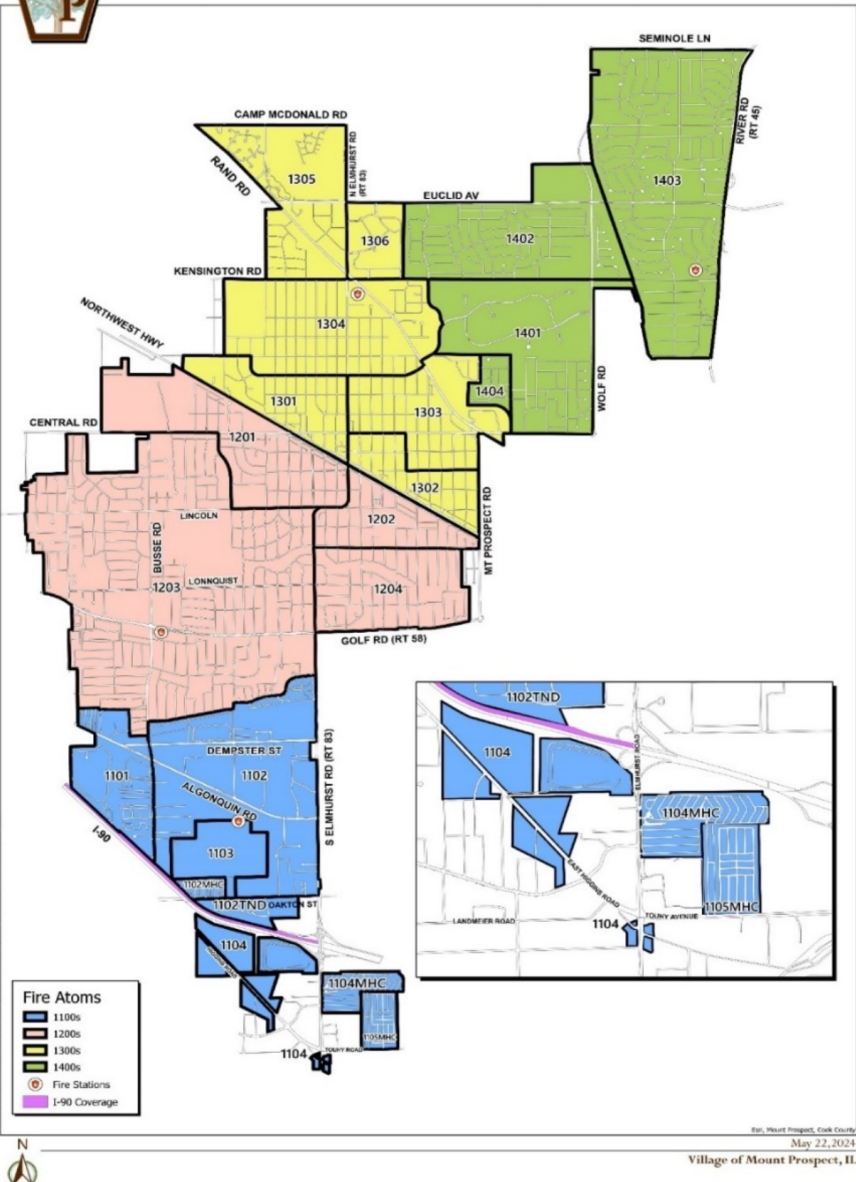
2023 CALL COUNT MAP



Four Stations



Mt. Prospect Fire ATOMS



Station 13 Deployment/Adjustment



Initial Considerations Identified:

- Station 13's first due response is Tower 13
- Tower 13 historically staffed with two personnel
- Tower 13 serves as the sole fire apparatus assigned to the station

Actions Taken:

- Village approved the hiring of three additional personnel
- Tower 13 staffing increased to three members

Operational Considerations:

- Evaluated relocating Engine 13 to Station 11
- Reviewed call volume, response patterns, and coverage
- Assessed impact on fire and EMS response times

Truck-Only Fire Stations: Regional Deployment Comparison



Neighboring departments operating truck-only stations include:

- Arlington Heights
- Bartlett
- Buffalo Grove (2 truck stations)
- Elk Grove Village
- Glenview
- Northbrook
- Park Ridge
- Prospect Heights
- Rolling Meadows
- Streamwood
- Wheeling
- Wilmette

Truck-only stations are a common deployment model among suburban fire departments similar in size and call volume.

Four Stations with Personnel



Station 11

Amb 11



Eng 11



Station 12

Amb 12



Eng 12



Station 13

Amb 13



Twr 13



Bat 3

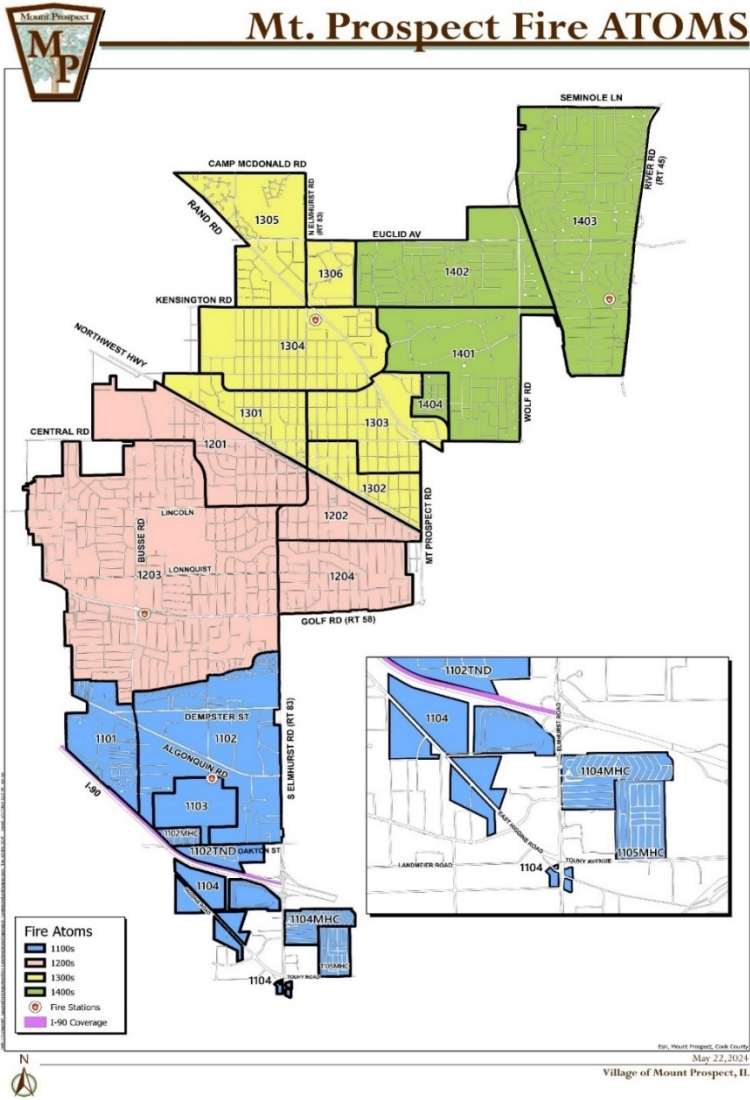


Station 14

Amb 14



Eng 14





Yearly Call Volume

	2020	2021	2022	2023	2024	2025
Total	5862	6506	7023	7288	7887	7909
Mount Prospect	5459	6049	6551	6793	7423	7440
Mutual Aid	403	457	472	495	464	469
Calls within Mount Prospect						
Calls by Category	2020	2021	2022	2023	2024	2025
Fire	76	84	70	85	94	81
Overpressure/Explosion	5	6	7	6	2	4
Rescue/EMS	4212	4724	5067	5231	5453	5670
Hazardous Condition	165	155	160	163	263	217
Service Call	249	267	375	396	437	382
Good Intent Call	133	130	156	168	245	254
False Alarm/Call	618	682	715	743	929	830
Special Incident	1	1	1	1	0	2



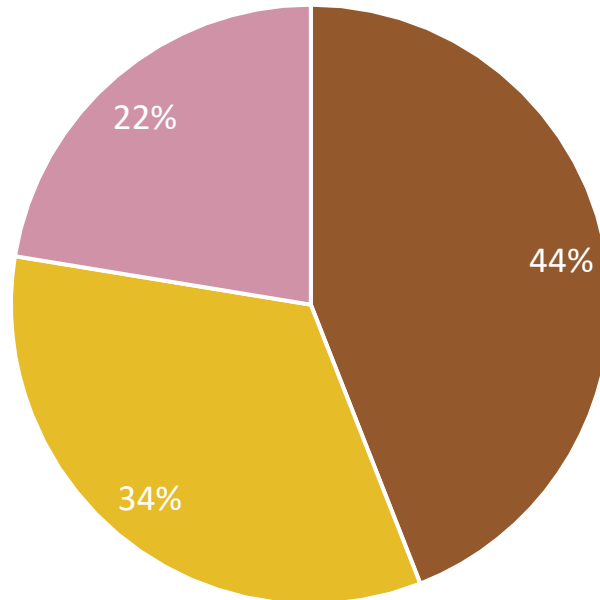
Calls by District

District	2022	2023	2024	July 2023-June 2024	2025
District 11			905		2042
District 12	2745	2939	2770	3103	2074
District 13	2373	2333	2156	2363	1890
District 14	1420	1479	1563	1578	1434
North/South	3121 / 3417	3126 / 3625	3397 / 4026	3298 / 3746	3324 / 4116
Calls per Day by District					
District	2022	2023	2024	July 2023-June 2024	2025
District 11			5.20		5.59
District 12	7.52	8.05	7.56	8.48	5.68
District 13	6.5	6.39	5.89	6.46	5.18
District 14	3.89	4.05	4.27	4.31	3.93
North/South	8.55 / 9.36	8.56 / 9.93	9.28 / 11	9.04 / 10.26	9.11 / 11.27
Station 11 opened on July 11, 2024					



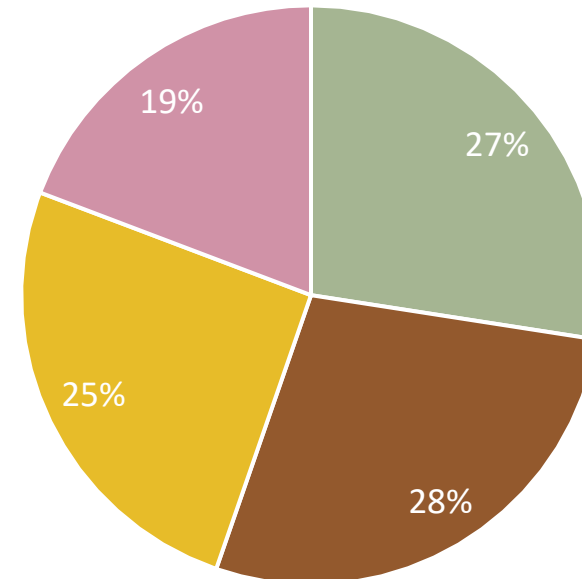
Calls by District

1 Year Prior to 4 Stations



■ District 11 ■ District 12 ■ District 13 ■ District 14

4 Stations



■ District 11 ■ District 12 ■ District 13 ■ District 14



Vehicle Responses by Year

Fire	2021	2022	2023	2024	July 2023 – June 2024	2025
E12	2406	2707	2942	2912	3081	2517
E13(E11)	2483	2648	2634	1440/1062*	2750	2337*
E14	1331	1448	1515	1707	1566	1751
T13	984	1030	1052	1733	1142	2161
Ambulance	2021	2022	2023	2024	July 2023 – June 2024	2025
A11		155 (RA12)	1418	1921	1879	2009
A12	2078	2326	1951	2054	1864	2089
A13	1985	2028	1759	1889	1720	1875
A14	1451	1507	1543	1578	1660	1474



Vehicle Responses by Day

Fire	2021	2022	2023	2024	July 2023 – June 2024	2025
E12	6.59	7.42	8.06	7.96	8.42	6.90
E13	6.80	7.25	7.22	7.5/6.1	7.51	6.40
E14	3.65	3.97	4.15	4.66	4.28	4.80
T13	2.70	2.82	2.88	4.73	3.12	5.92
Ambulance	2021	2022	2023	2024	July 2023 – June 2024	2025
A11			3.88	5.25	5.13	5.50
A12	5.69	6.37	5.35	5.61	5.09	5.72
A13	5.44	5.56	4.82	5.16	4.70	5.14
A14	3.98	4.13	4.23	4.31	4.54	4.04

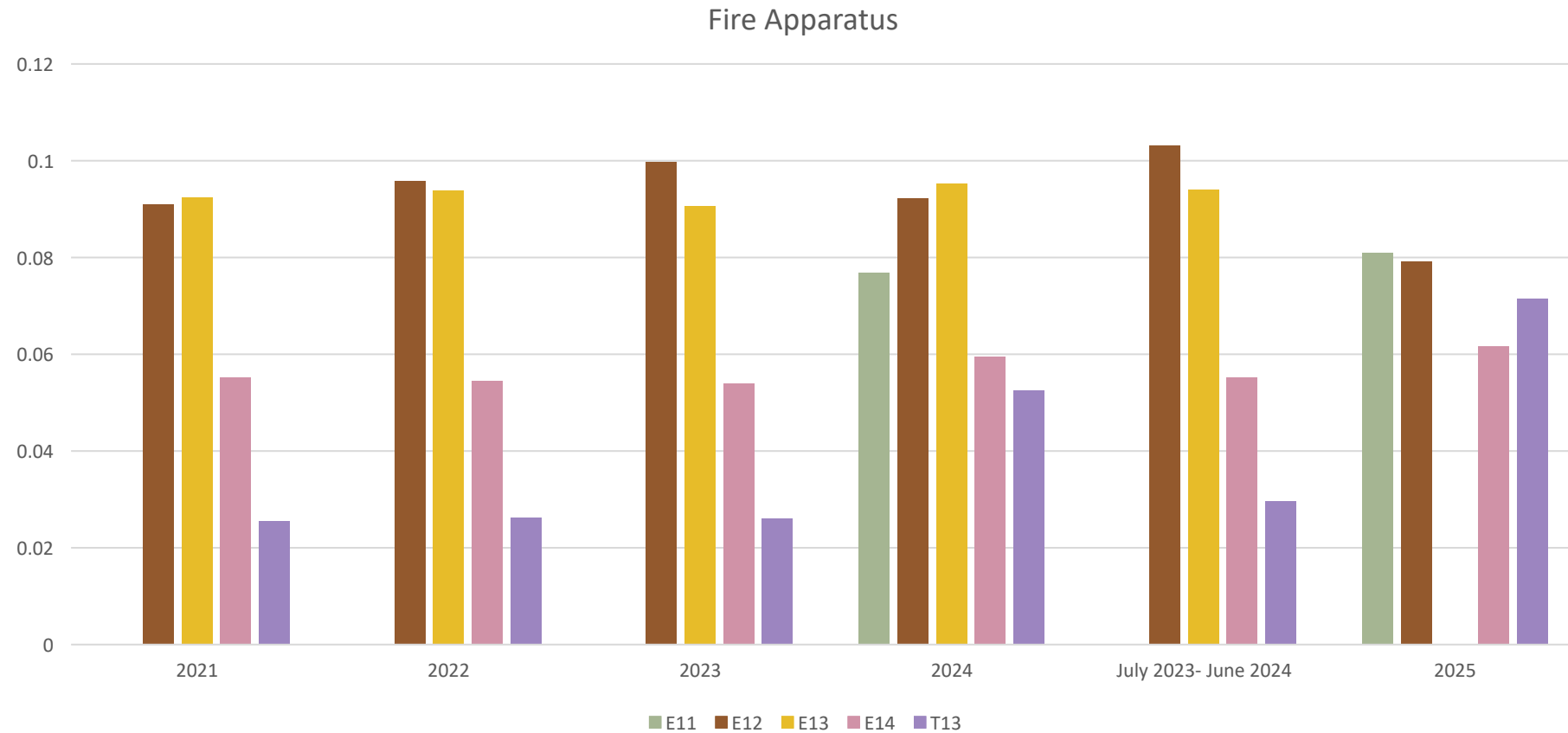


Unit Hour Utilization

Fire	2021	2022	2023	2024	July 2023- June 2024	2025
E12	9.09%	9.57%	9.97%	9.22%	10.31%	7.92%
E13	9.24%	9.38%	9.06%	9.53% / 7.69%*	9.40%	8.09%*
E14	5.51%	5.45%	5.40%	5.94%	5.51%	6.16%
T13	2.54%	2.62%	2.61%	5.25%	2.96%	7.14%
Ambulance	2021	2022	2023	2024	July 2023- June 2024	2025
A11			10.57%	14.06%	13.93%	15.06%
A12	15.68%	17.08%	14.91%	14.62%	13.63%	14.79%
A13	15.10%	15.71%	14.15%	13.88%	13.71%	13.57%
A14	12.95%	12.65%	12.43%	13.03%	13.18%	12.14%
A11 part time October 2022 until full time in June 2023						
Station 11 opened July 11, 2024						

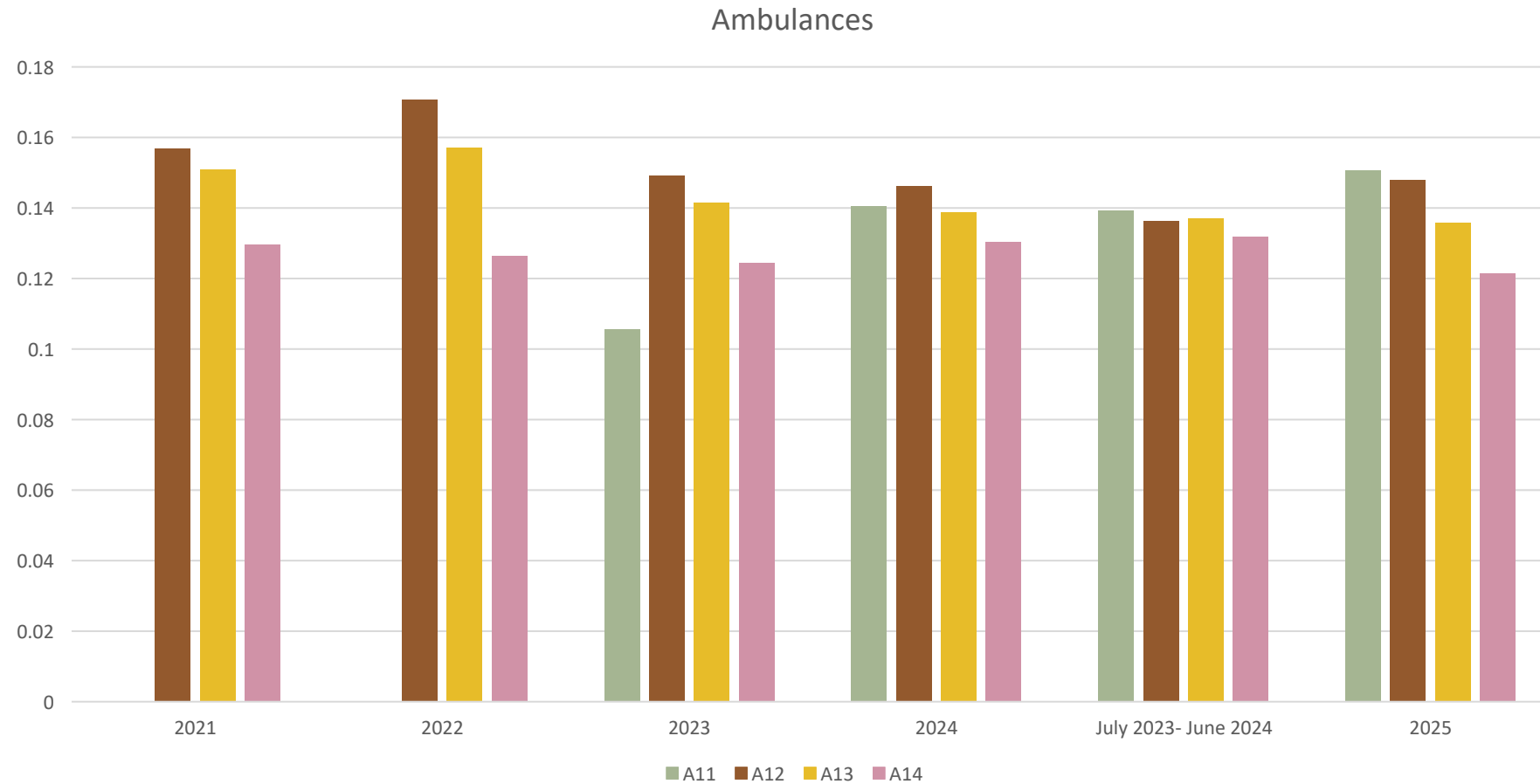


Unit Hour Utilization





Unit Hour Utilization



NFPA 1710 – Recommendations and Response



NFPA 1710 establishes recommended staffing levels and response time benchmarks for fire departments.

NFPA 1710 - Fires

- **Single Family:**
Minimum of 16 members, 17 if aerial device is used
- **Apartment/Strip Mall:**
Minimum of 27 members, 28 if aerial device is used
- **High Rise:**
Minimum of 42 members, 43 if building has a fire pump

NFPA 1710 - Times (Should meet 90% of the time)

- **Turnout Time:** 1 minute, 20 seconds
- **First Due Engine:** 4 minutes plus turnout time
- **Second Due Engine:** 6 minutes plus turnout time
- **Initial Full Alarm:** 8 minutes plus turnout time

Code 3 Response: (22 Personnel)

- 3 Engines
- 2 Trucks
- 3 Ambulances
- 1 Battalion

Code 4 Response: (35 Personnel)

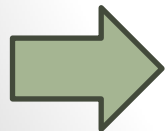
- 4 Engines
- 3 Trucks
- 4 Ambulances
- 2 Battalions
- 4 Chiefs

Box Alarm Response: (50+ Personnel)



NFPA 1710 – Three Stations

July 2023 -June 2024 1 Year Prior to Station 11			1st Engine (5:20)	2nd Engine (7:20)	Full Alarm (9:20)
Building Fires	10		80%	80%	40% (5)
District 12	5		80%	60%	0% (2)
District 13	1		100%	100%	100% (1)
District 14	4		75%	100%	50% (2)
Code 3	45		71%	80%	50% (14)
District 12	20		60%	60%	50% (8)
District 13	16		75%	100%	50% (4)
District 14	9		89%	89%	50% (2)
Total	55		73%	80%	47% (19)





NFPA 1710 – Four Stations

2025			1st Engine 5:20	2nd Engine 7:20	Full Alarm 9:20
Building Fires	10		90%	90%	86% (7)
District 11	3		67%	100%	50% (2)
District 12	4		100%	75%	100% (2)
District 13	3		100%	100%	100% (3)
District 14	0				
Code 3	41		90%	93%	100% (12)
District 11	15		93%	100%	100% (1)
District 12	9		89%	89%	100% (5)
District 13	9		89%	89%	100% (4)
District 14	8		88%	88%	100% (2)
Total	51		90% (+17%)	92% (+12%)	95% [(19)(+48%)]
District 11 MH	5		0%	0%	0% (2)



Coming Soon – New Tower 13





The Future – Rescue 13

- Handles EMS responses that would otherwise require a fire engine or truck
- Responds to fire incidents in place of an ambulance
- Maintains fire suppression availability for fire-related calls
- Maintains ambulance availability for medical emergencies



Thank You





Village of Mount Prospect Fire Department



INTEROFFICE MEMORANDUM

TO: VILLAGE MANAGER

FROM: FIRE CHIEF

DATE: MARCH 5 2006

SUBJECT: FIRE DEPARTMENT OPERATIONS UPDATE

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TW/mk

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