

# CLARENDON HILLS FIRE DEPARTMENT



**2022**



## ANNUAL REPORT

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This was a particularly challenging year for the Clarendon Hills Fire Department. Due to the COVID-19 Pandemic variants and RSV in children continue to increase. Along with responding to Fire, EMS and Rescue emergencies, the Fire Department performed many other functions for the citizens of Clarendon Hills.

The members of the Clarendon Hills Fire Department are all dedicated and highly skilled professionals who provide service in the areas of Fire suppression, Emergency Medical Services, Rescue Services, Fire Prevention, Public Education and CPR.

In January we signed a contract to replace our current records system (Fire House) with ESO Suites. This product is Cloud-based, we also converted to a Cloud-based Station Check for our Daily and Weekly Vehicle Checkouts. We also we be going to a Cloud-based Scheduling System for Shift work in 2023. These products are part of ESO Suites.

In March we placed Body Armor on all vehicles to support our RTF (Rapid Task Force Deployment), we have attended numerous training drills working with local police forces on placement of our personnel at a scene of an Active Shooter Incident.

On May 16<sup>th</sup> we converted from ZOLLpcr to ZOLL emsCharts for all EMS reporting, this is also a Web Based and Cloud-Based program.

In July we put our new ambulance into service, this is a 2022 Ford F623 with a Horton Body. This is a replacement for the 2015 Freightliner with a Horton Body, this vehicle is now our reserve unit. The cost of this replacement ambulance was approximately \$327,000.

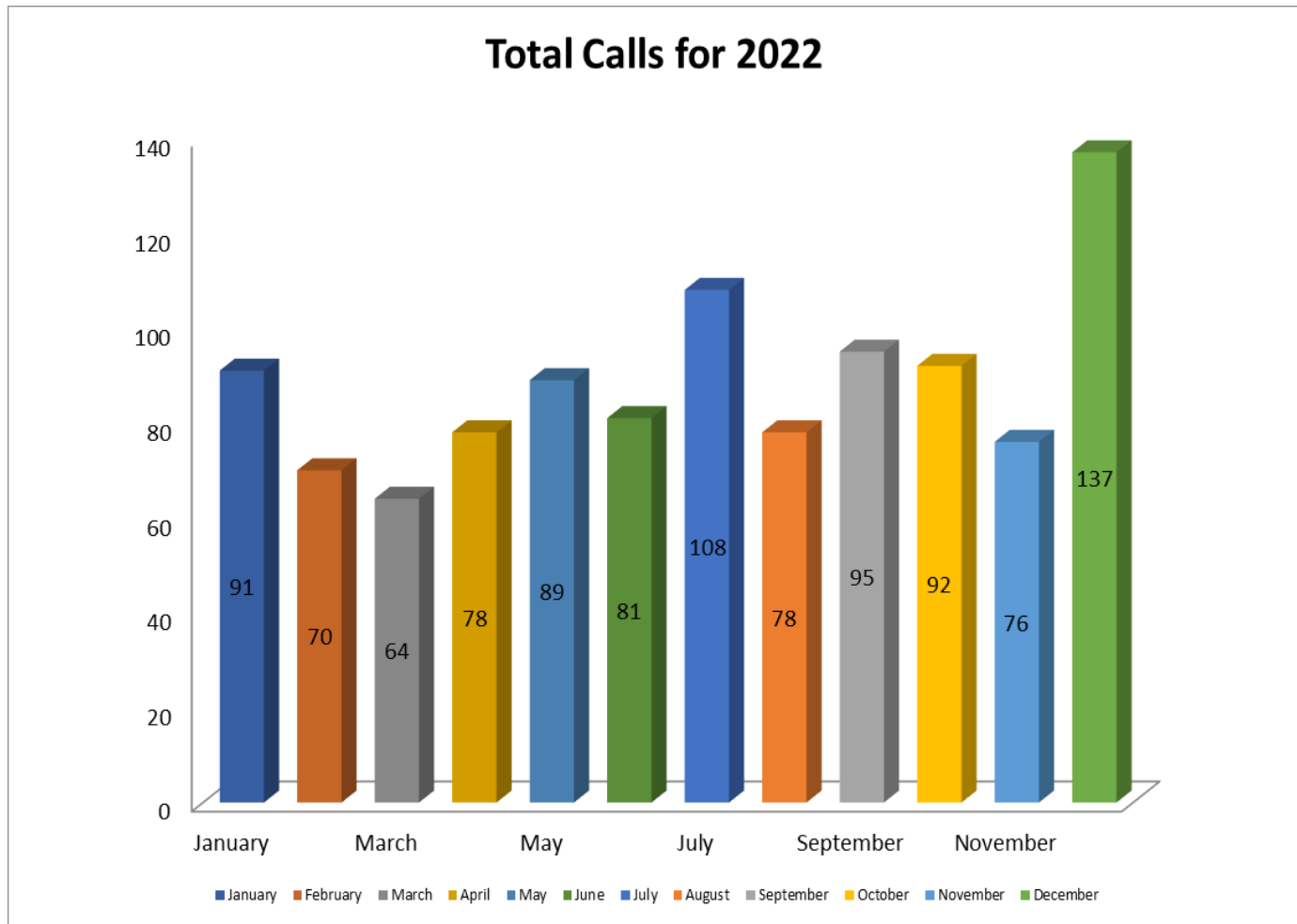
On April 1, 2022, we placed an order for a replacement Engine (Pumper) and Quint (Aerial Ladder / Pumper) from Pierce Manufacturing in Appleton, Wisconsin these new vehicles are scheduled for completion and delivery in April 2024 and will replace our 2002 Engine and Quint which will be 22 years old and are becoming very expensive to operate and maintain because of their age. The cost of these replacement vehicles will be approximately \$2,219,000. We are applying for Federal and State Grants to assist in the funding of these vehicles.

The Clarendon Hills Fire Department responded to 1060 calls for emergency service in 2022. This is an increase of about 4% as compared to 2021. This total includes requests for both Fire and EMS service as well as activated fire alarms. The daily call average for 2022 was 2.9 calls per day.

Fire/Rescue call response emergencies were 425 (40.23%); Ambulance call response emergencies were 471 (44.3%) and False Alarm investigations were 164 (15.47%) Du-COMM monitors all Trouble alarms and unless it does not reset, or they cannot contact a key holder at that point we will be contacted to check the location.

In 2022 there were (0) firefighters injured during an emergency call. There were (0) civilian injuries and (1) deaths because of fire incidents.

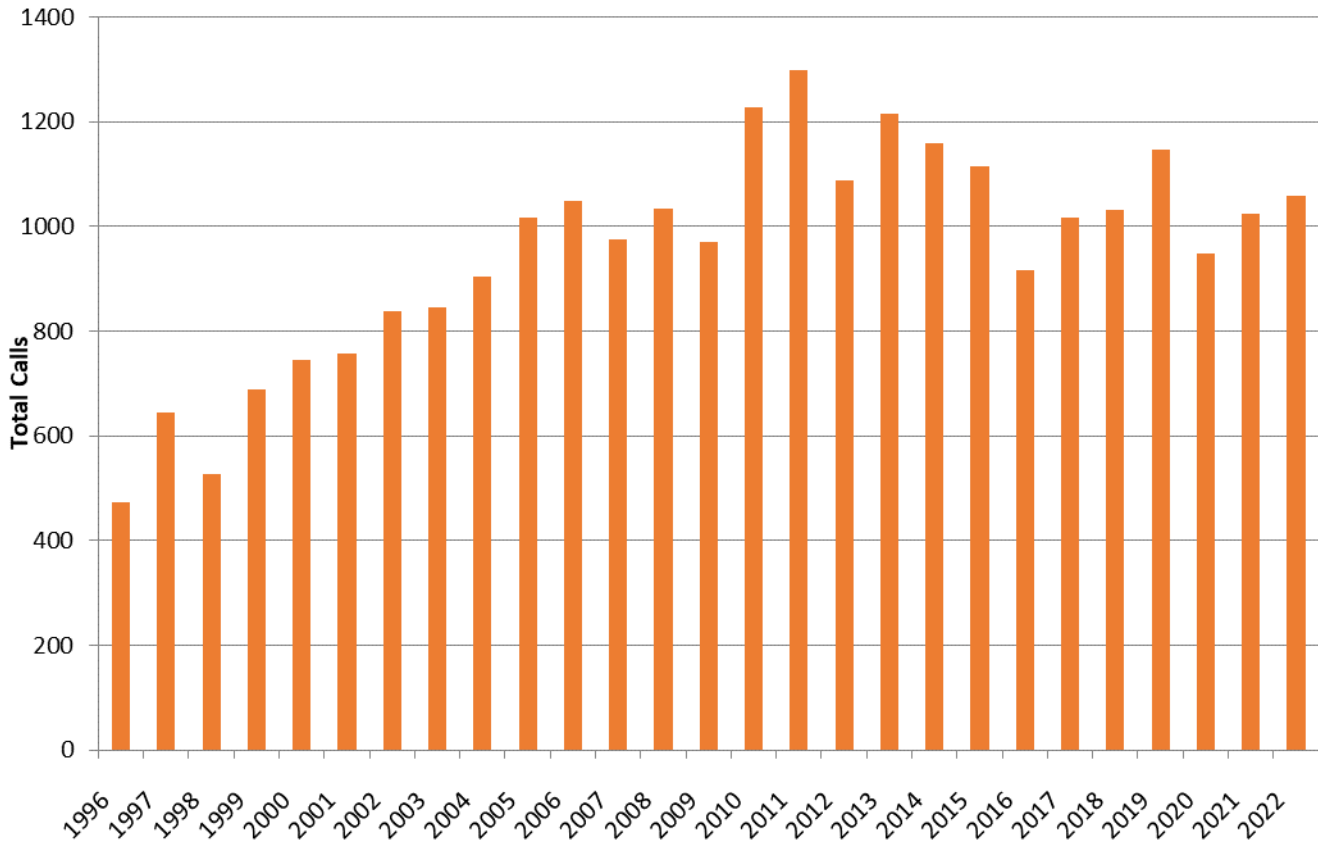
The following graphs and other statistics listed in this document provide a breakdown of all services provided to the public by the Clarendon Hills Fire Department in 2022.



**Total Calls by Year 1995 to 2022**

Year	Calls	Year	Calls	Year	Calls	Year	Calls
1995	463	2002	838	2009	971	2016	917
1996	474	2003	846	2010	1228	2017	1017
1997	644	2004	905	2011	1298	2018	1031
1998	528	2005	1018	2012	1087	2019	1146
1999	688	2006	1049	2013	1216	2020	949
2000	746	2007	974	2014	1160	2021	1023
2001	758	2008	1035	2015	1114	2022	1060

## Total Emergency Responses from 1996 to 2022



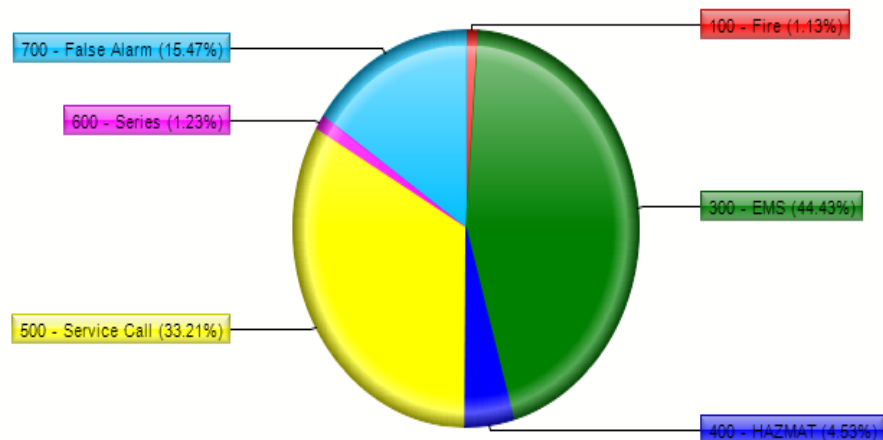
## Incidents Type between 2014 and 2022

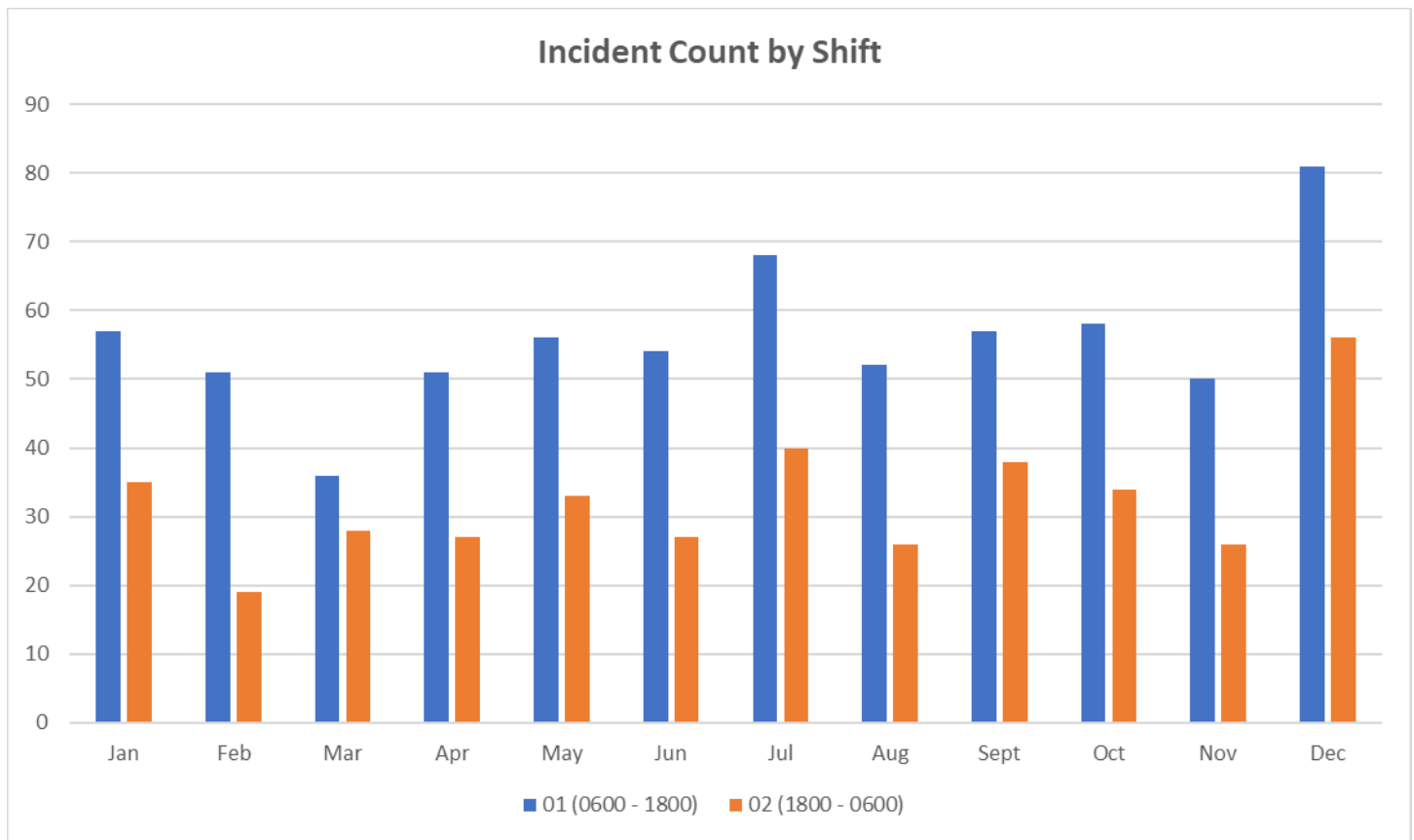
Incident Type Period Comparisons	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Incident Type</b>									
100 Fire, Other	0	1	0	0	0	0	0	0	0
111 Building fire	1	5	5	3	2	3	5	0	0
112 Fires in structure other than in a building	0	1	2	1	0	0	0	0	0
113 Cooking fire, confined to container	0	1	1	1	1	0	0	1	1
114 Chimney or flue fire, confined to chimney or flue	0	0	0	1	0	0	0	0	0
116 Fuel burner/boiler malfunction, fire contained	0	0	0	1	0	0	0	0	0
118 Trash or rubbish fire, contained	0	0	0	0	0	1	0	1	0
130 Mobile property (vehicle) fire, Other	0	0	0	0	0	0	0	0	0
131 Passenger vehicle fire	1	0	1	0	0	0	0	0	1
132 Road freight or transport vehicle fire	0	0	0	0	0	1	1	1	2
140 Natural vegetation fire, Other	0	1	0	0	0	0	1	0	1
142 Brush or brush-and-grass mixture fire	1	1	1	2	0	1	1	2	1
143 Grass Fire	0	0	1	0	0	0	0	0	0
150 Outside rubbish fire, Other	1	0	0	0	0	0	0	1	1

151 Outside rubbish, trash, or waste fire	1	1	0	3	0	2	1	4	1
154 Dumpster or other outside trash receptacle fire	3	0	1	1	0	0	0	0	1
160 Special outside fire, Other	0	0	1	0	0	4	0	0	1
161 Outside storage fire	0	0	0	1	0	0	0	0	1
162 Outside equipment fire	1	1	0	1	0	0	3	1	1
173 Cultivated trees or nursery stock fire	0	0	0	0	0	0	0	0	0
200 Overpressure rupture, explosion, overheat	0	0	0	0	0	0	1	0	0
251 Excessive heat, scorch burns with no fire	0	0	0	0	0	0	0	1	0
300 Rescue, EMS incident, other	0	1	0	0	0	0	0	0	0
311 Medical assist, assist EMS crew	0	0	0	0	0	2	0	0	3
320 Emergency medical service, other	0	1	0	0	0	1	0	0	0
321 EMS call, excluding vehicle accident with injury	389	422	356	434	450	443	399	423	426
322 Motor vehicle accident with injuries	15	36	31	27	36	36	15	22	29
323 Motor vehicle/pedestrian accident (MV Ped)	3	1	1	3	5	2	1	5	1
324 Motor Vehicle Accident with no injuries	23	14	9	17	14	23	11	12	9
331 Lock-in (if lock out, use 511)	1	0	0	0	0	0	0	0	1
350 Extrication, rescue other	0	0	0	0	0	0	0	1	0
351 Extrication of victim (s) from	0	0	1	0	0	0	0	0	0
352 Extrication of victim (s) from vehicle	0	0	0	0	0	1	0	0	0
353 Removal of victim(s) from stalled elevator	3	3	3	2	3	1	1	1	2
357 Extrication of victim(s) from machinery	0	0	0	0	0	0	0	0	0
360 Water & ice-related rescue, other	0	0	0	0	0	0	0	0	0
400 Hazardous conditions, Other	0	0	0	0	1	0	0	0	0
410 Combustible/flammable gas/liquid condition	0	1	1	0	0	0	0	0	0
411 Gasoline or other flammable liquid spill	0	2	2	3	1	1	0	0	0
412 Gas leak (natural gas or LPG)	21	18	23	25	21	22	26	23	17
413 Oil or other combustible liquid spill	0	0	0	0	0	1	0	0	1
421 Chemical hazard no spill or leak)	0	0	0	0	0	0	1	0	0
422 Chemical spill or leak	0	0	0	0	0	0	0	0	0
423 Refrigeration leak	0	0	0	0	0	0	1	0	0
424 Carbon monoxide incident	3	4	8	3	2	4	5	6	7
440 Electrical wiring/equipment problem, Other	2	0	2	1	0	4	1	2	2
441 Heat from short circuit (wiring), defective/worn	0	1	1	3	0	4	1	1	0
442 Overheated motors	6	0	2	3	0	4	1	1	2
443 Breakdown of light ballast	1	0	0	0	0	0	1	0	1
444 Power line down	8	15	13	14	20	29	17	8	11
445 Arcing, shorted electrical equipment	8	6	7	2	3	5	5	3	7
463 Vehicle accident, general cleanup	0	0	0	0	0	0	0	0	0
500 Service Call, other	1	1	0	0	0	0	1	0	0
510 Person in distress, Other	1	0	0	0	0	0	0	0	1
511 Lock-out	5	7	9	9	8	14	11	11	11
512 Ring or jewelry removal	0	0	0	0	0	0	1	0	0

520 Water problem, Other	0	0	0	0	0	1	0	0	0
521 Water evacuation	0	0	0	0	0	0	0	0	0
522 Water or steam leak	7	1	5	3	11	9	3	4	8
531 Smoke or odor removal	7	15	20	2	12	7	5	10	13
541 Animal problem	3	1	0	0	2	0	0	0	0
542 Animal rescue	0	1	0	0	1	0	0	1	1
550 Public service assistance, Other	0	1	0	0	0	0	0	0	0
551 Assist police or another governmental agency	4	0	7	2	1	1	1	3	2
552 Police matter	5	1	1	1	2	0	4	1	2
553 Public service	6	4	8	4	0	3	3	4	6
554 Assist invalid	25	34	27	50	37	28	32	60	54
555 Defective elevator, no occupants	0	2	2	1	0	0	0	3	4
561 Unauthorized burning	0	4	1	1	0	1	0	1	1
571 Cover assignment, standby, moveup	316	295	159	210	223	313	225	229	249
600 Good intent call, Other	0	1	0	0	0	0	1	1	0
611 Dispatched & cancelled en route	3	0	1	7	9	4	3	3	9
621 Wrong location	1	0	0	0	0	1	0	0	0
622 No Incident found on arrival at dispatch address	7	2	1	9	15	2	3	4	4
631 Authorized controlled burning	0	1	0	0	1	1	1	2	0
632 Prescribed fires	0	0	2	0	0	0	0	0	0
650 Steam Other gas mistaken for smoke, Other	0	1	0	0	1	0	0	0	0
651 Smoke scare, odor of smoke	1	0	0	1	10	0	1	0	0
652 Steam, vapor, fog or dust thought to be smoke	2	2	1	0	0	2	1	3	0
653 Smoke from barbecue, tar kettle	0	0	0	0	0	0	1	0	0
661 EMS call, party transported by non-fire agency	0	1	1	2	1	0	0	0	0
671 HazMat release investigation w/no HazMat	0	0	0	0	0	0	0	0	0
700 False alarm or false call, Other	0	0	0	0	0	0	0	1	1
710 Malicious, mischievous false call, Other	0	1	0	0	0	1	0	0	0
711 Municipal alarm system, malicious false alarm	0	0	1	0	0	1	0	0	0
712 Direct ties to FD, malicious false alarm	0	0	0	0	0	0	0	1	0
713 Telephone, malicious false alarm	1	1	0	0	0	0	0	0	0
715 Local alarm system, malicious false alarm	0	0	0	0	0	0	1	0	0
730 System malfunction, Other	0	0	0	0	0	0	0	0	1
7301 Trouble Fire Alarm - Due to System Malfunction	90	113	68	34	18	29	18	29	8
731 Sprinkler activation due to malfunction	0	1	2	0	3	0	1	0	1
732 Extinguishing system activation due to malfunction	0	0	0	0	0	0	0	0	1
733 Smoke detector activation due to malfunction	18	13	12	6	14	8	11	9	13
734 Heat detector activation due to malfunction	9	1	0	1	2	4	6	5	1
735 Alarm system sounded due to malfunction	20	18	17	14	12	15	11	22	16
7351 Residential Fire Alarm - System Malfunction	8	14	13	10	5	13	3	8	15
736 CO detector activation due to malfunction	26	20	12	13	19	13	13	14	24

740 Unintentional transmissions of alarm, Other	0	0	1	1	1	0	1	0	0
7401 Trouble Fire Alarm - TX Line/Human Error	12	11	13	2	0	4	2	0	2
741 Sprinkler activation, no fire - unintentional	6	1	0	0	0	1	0	1	0
743 Smoke detector activation, no fire - unintentional	24	28	23	26	21	41	29	33	28
744 Detector activation, no fire - unintentional	9	11	7	7	4	6	6	6	10
745 Alarm system activation, no fire - unintentional	31	21	12	13	18	8	17	15	11
7451 Residential Fire Alarm - Unintentional Human Error	17	18	14	23	18	23	24	18	29
746 Carbon monoxide detector activation, no CO	1	2	4	2	3	0	6	0	3
800 Severe weather or natural disaster, Other	0	0	0	0	0	0	0	0	0
812 Flood assessment	0	0	0	10	0	3	3	1	0
813 Windstorm, tornado/hurricane assessment	0	0	0	1	0	3	1	0	0
814 Lightning strike (no fire)	2	0	0	0	0	0	0	0	0
815 Severe weather or natural disaster standby	0	0	0	0	0	0	0	0	0
900 Special type of incident, other	0	0	0	0	0	0	0	0	0
<b>Totals</b>	<b>1086</b>	<b>1216</b>	<b>1160</b>	<b>1114</b>	<b>1031</b>	<b>1155</b>	<b>949</b>	<b>1023</b>	<b>1060</b>





Shift	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
01 (0600 - 1800)	57	51	36	51	56	54	68	52	57	58	50	81	668
02 (1800 - 0600)	35	19	28	27	33	27	40	26	38	34	26	56	387
<b>Total</b>	<b>92</b>	<b>70</b>	<b>64</b>	<b>78</b>	<b>89</b>	<b>81</b>	<b>108</b>	<b>78</b>	<b>95</b>	<b>92</b>	<b>76</b>	<b>137</b>	<b>1060</b>

## **Fire Suppression Call History**

**Total Emergency Fire Responses = 425**

**Total Emergency Alarm Responses = 164**

In 2022, the Clarendon Hills Fire Department responded to locations outside of the Village on mutual aid calls as follows.

Engine, Ladder, Squad or other (Box/Plans Chief, Investigator, or ISO):

Mutual Aid Given response occurred **24** times.

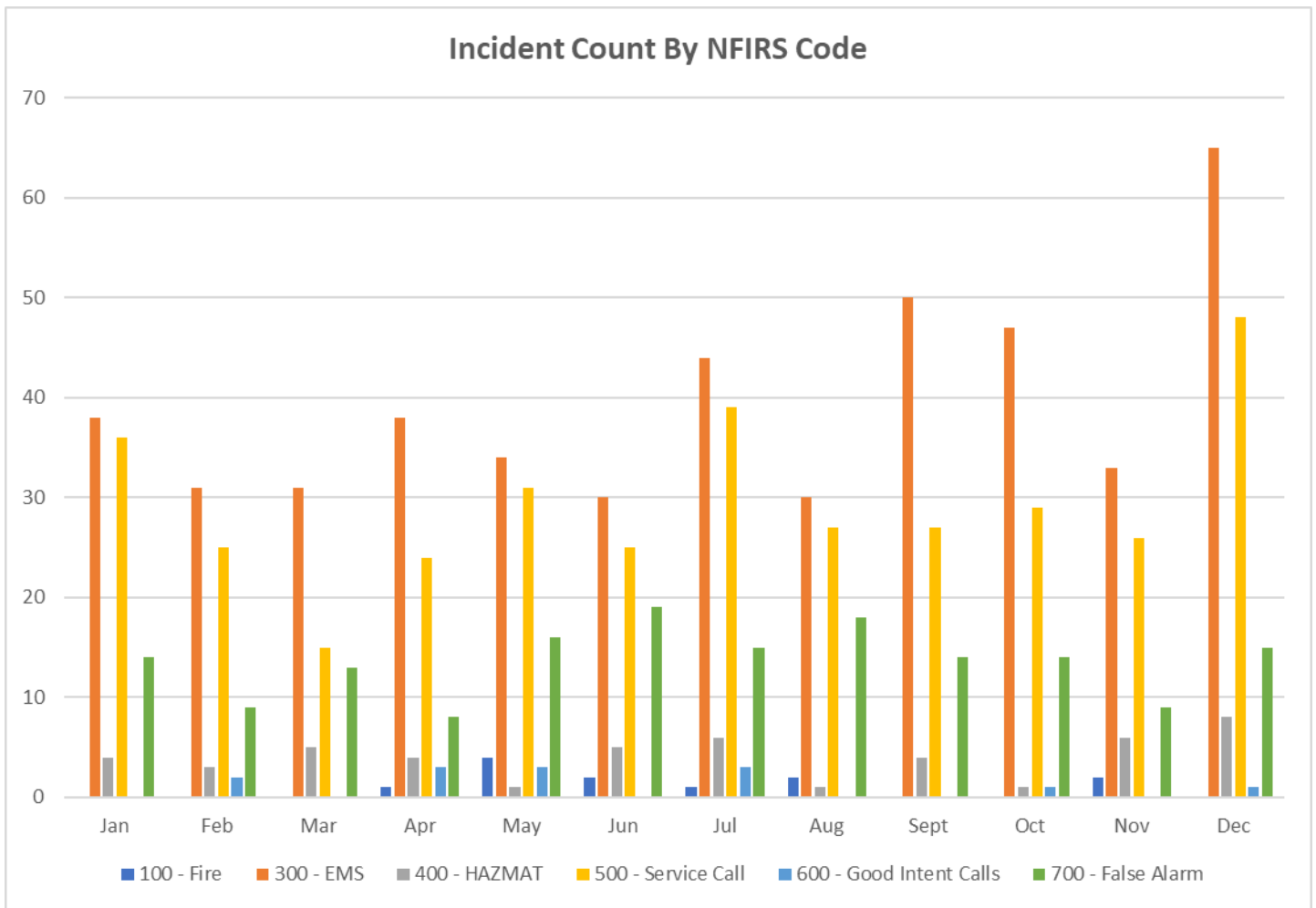
Auto Aid Given Response occurred **324** times.

We received Aid for outside of our town with equipment and personal:

Mutual Aid Received **1** times.

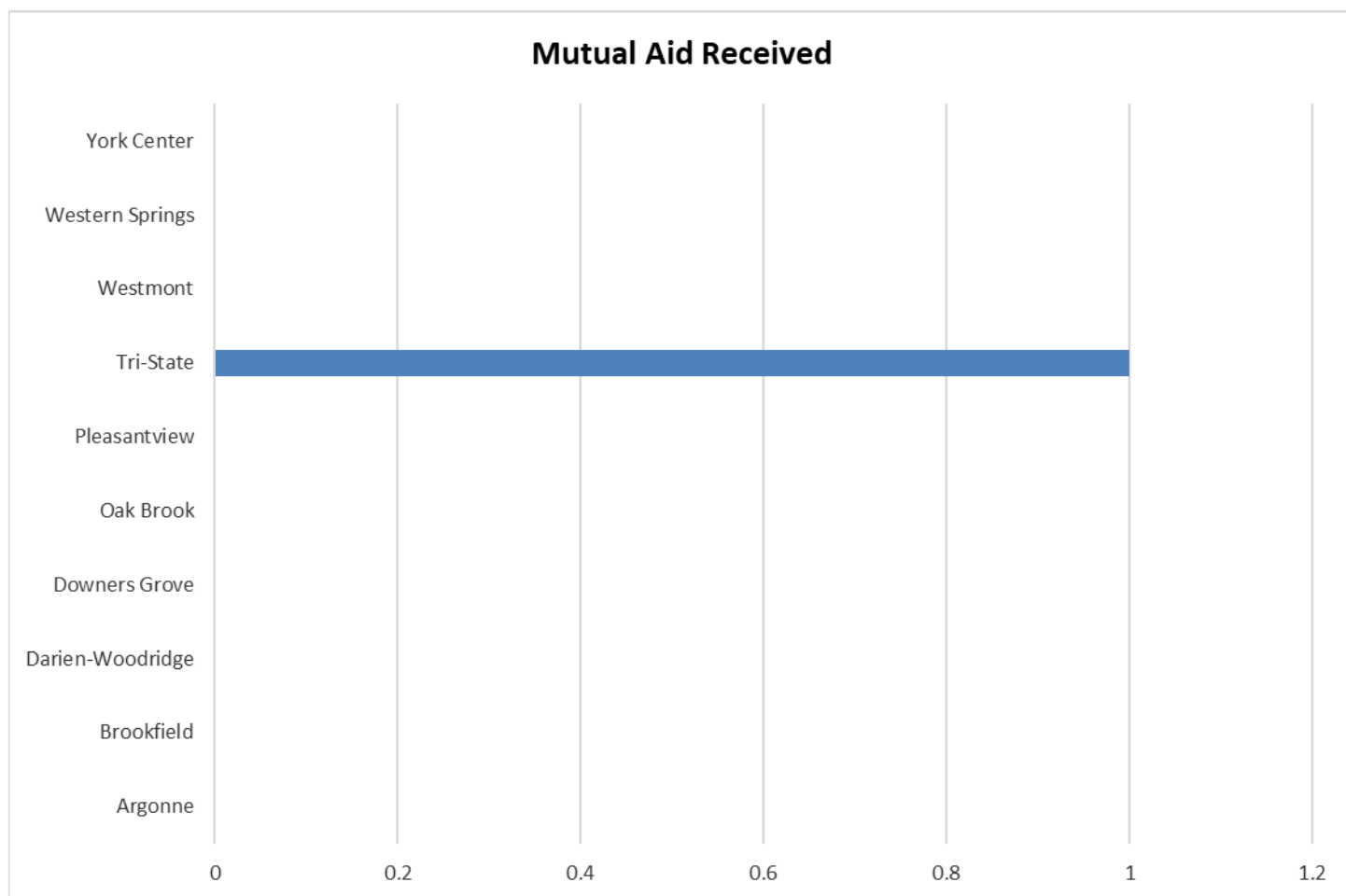
Auto Aid Received **233** times.



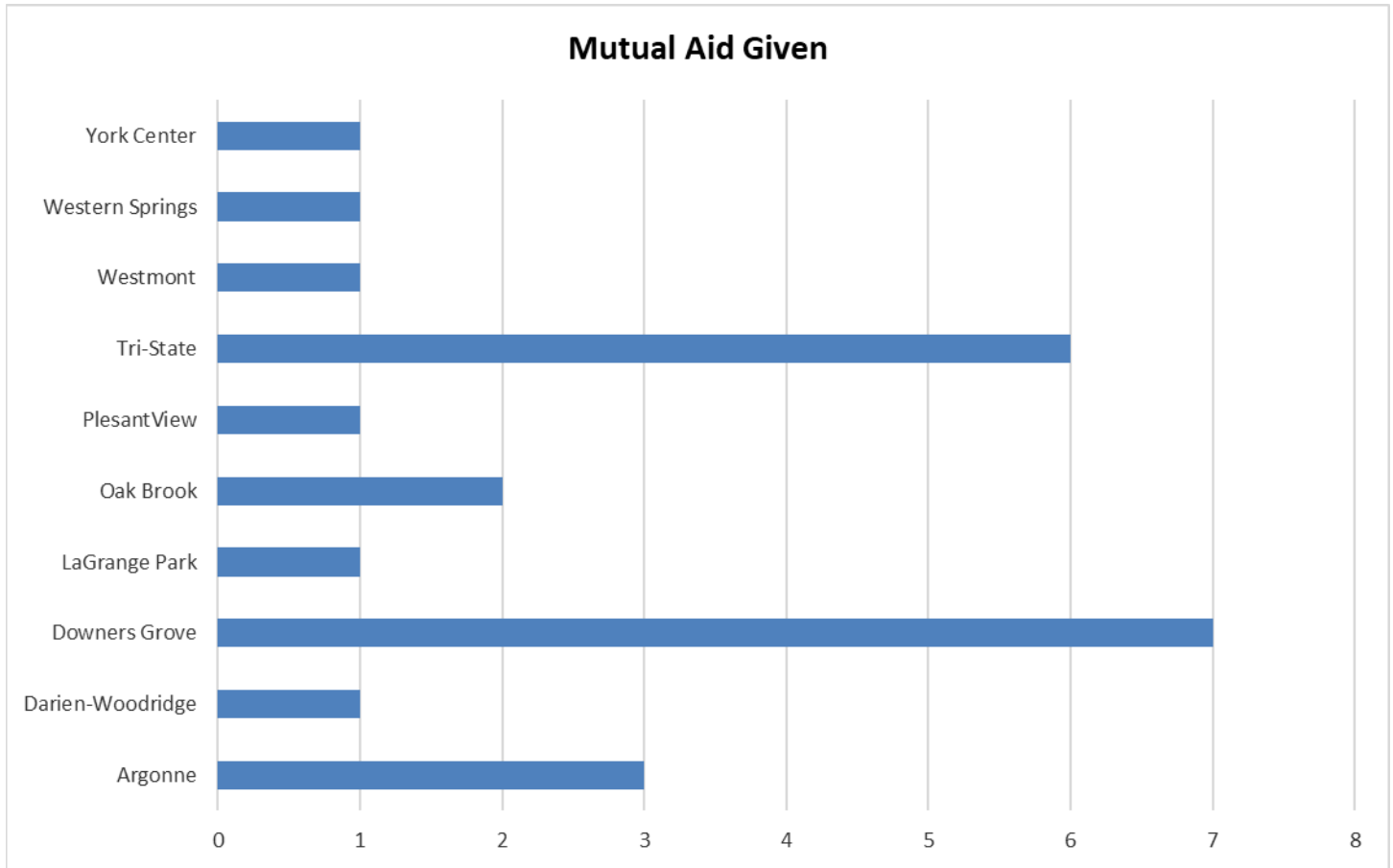


Incident Type Group	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Total
100 - Fire	0	0	0	1	4	2	1	2	0	0	2	0	12
300 - EMS	38	31	31	38	34	30	44	30	50	47	33	65	471
400 - HAZMAT	4	3	5	4	1	5	6	1	4	1	6	8	48
500 - Service Call	36	25	15	24	31	25	39	27	27	29	26	48	352
600 - Good Intent Calls	0	2	0	3	3	0	3	0	0	1	0	1	13
700 - False Alarm	14	9	13	8	16	19	15	18	14	14	9	15	164
Monthly Total	92	70	64	78	89	81	108	78	95	92	76	137	1060

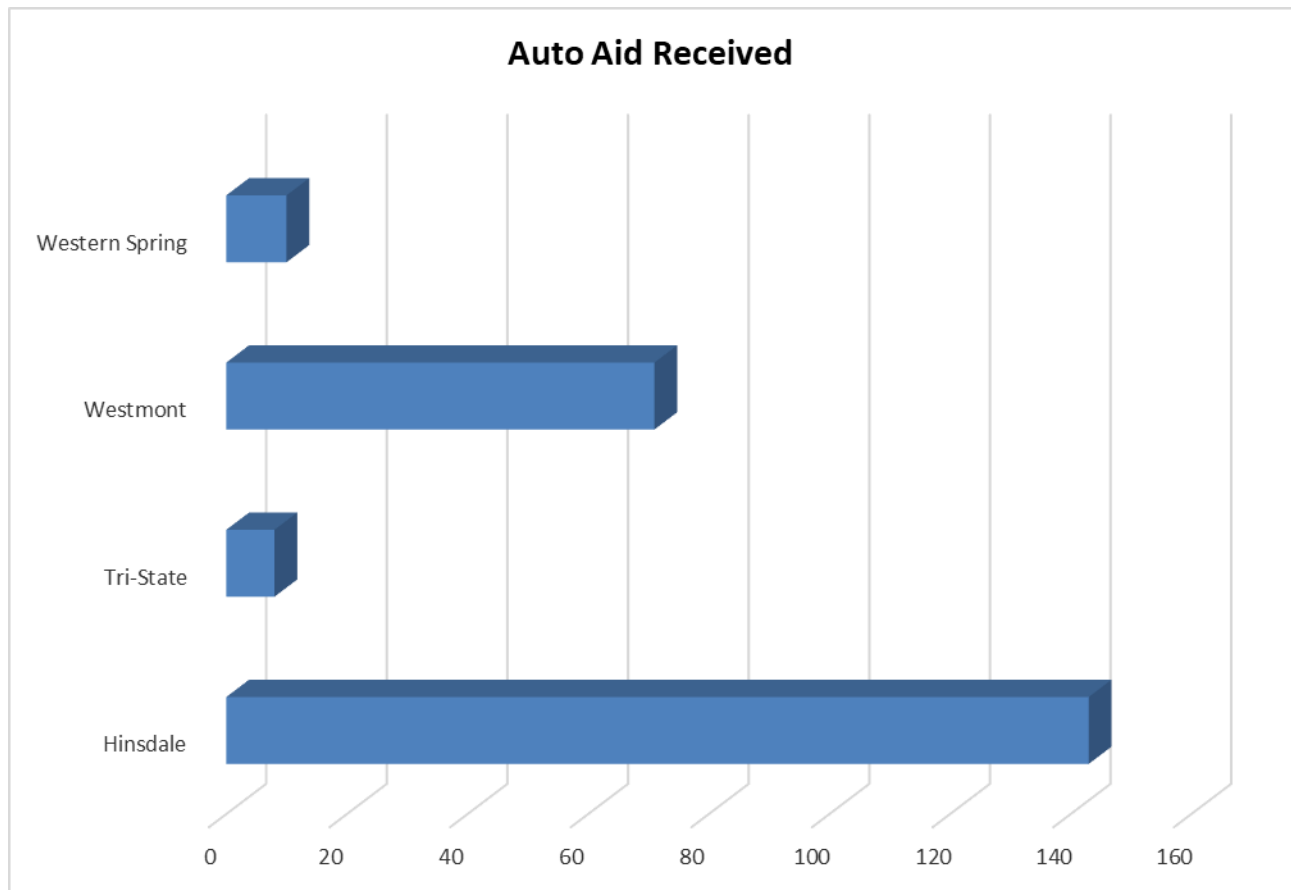
## Mutual Aid "Received" Responses (FIRE / EMS)



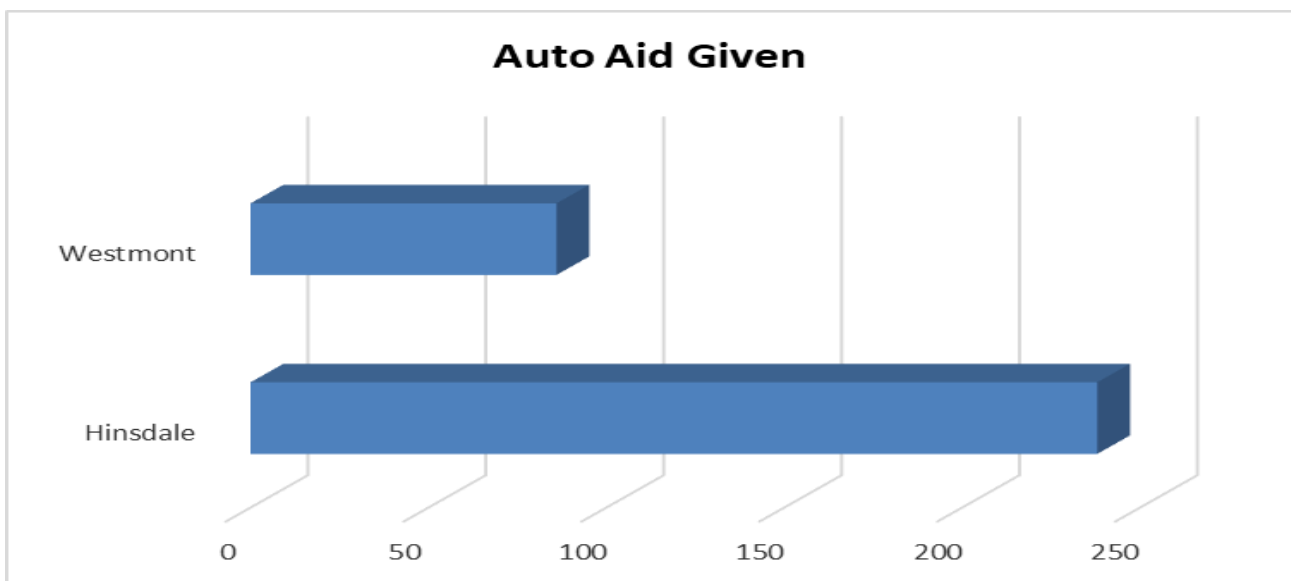
## Mutual Aid "Given" Responses (FIRE / EMS)



### Auto Aid "Received" Responses (FIRE / EMS)



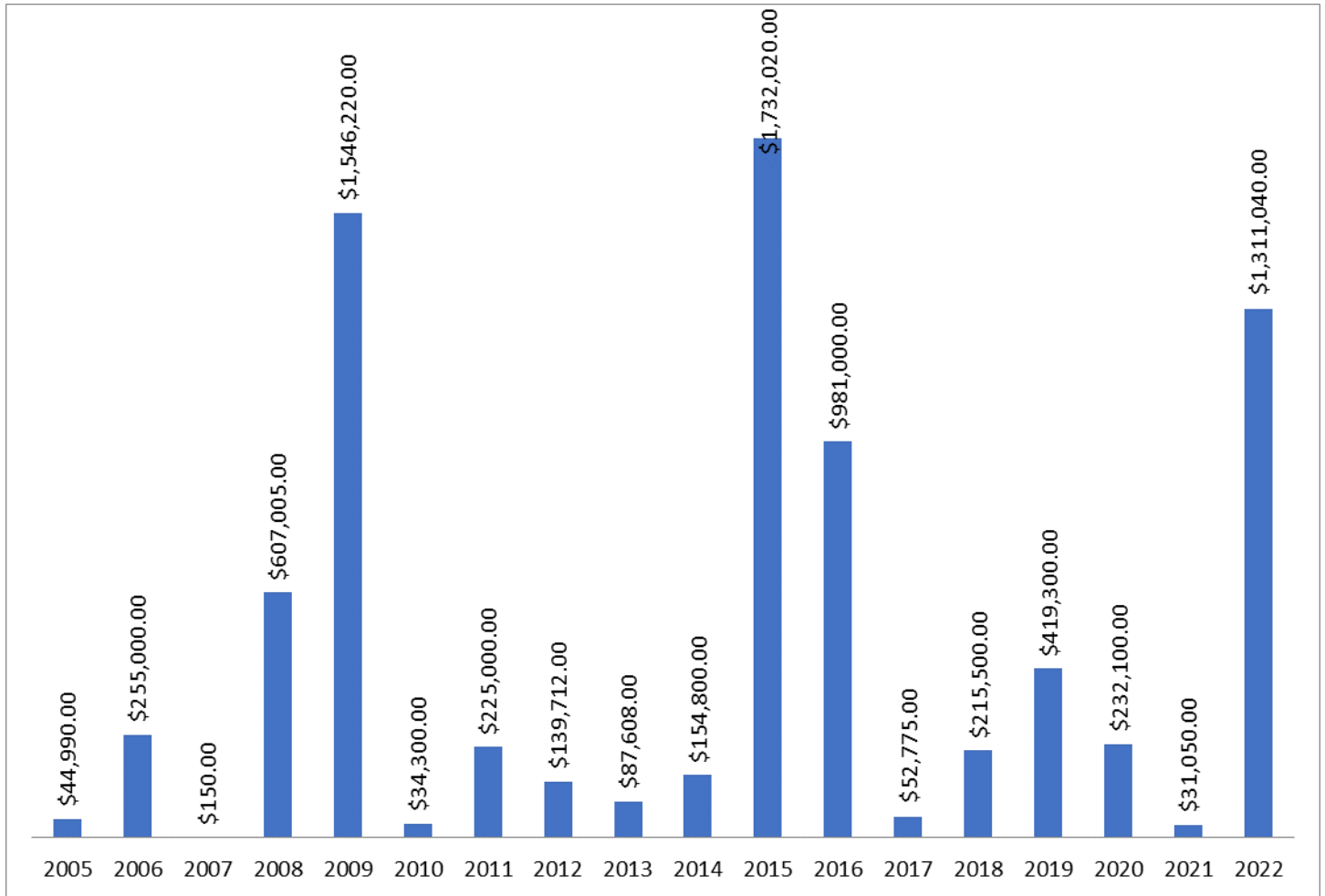
### Auto Aid "Given" Responses (FIRE / EMS)



## **Fire Deaths in the Village of Clarendon Hills since 1978**

1978	Hinsdale Golf Club Dormitory	140 Chicago Avenue	One (1) Resident
1990	Single Family Home	12 Arthur Avenue	One (1) Resident
2001	Single Family Home	136 Arthur Avenue	One (1) Resident

## **Total Fire Related Dollar Value Loss (2005 through 2022)**



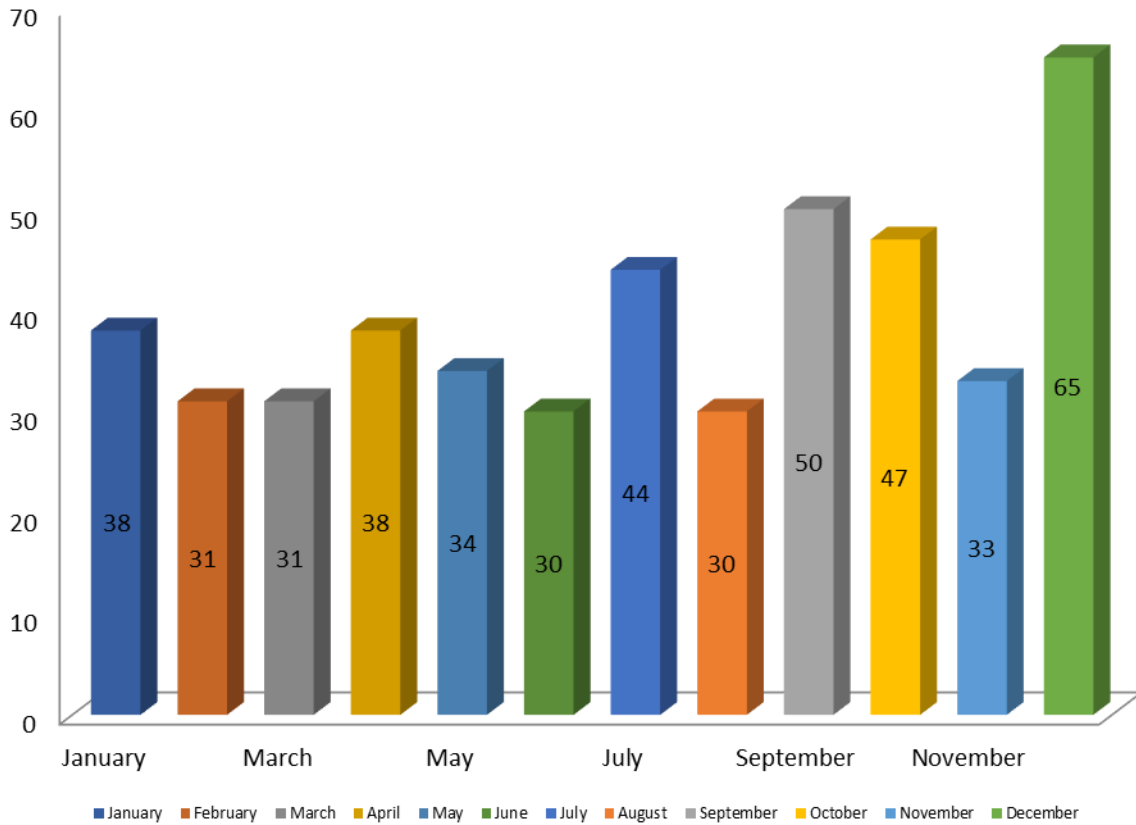
## **Detailed Related Dollar Losses 2022**

<b>Date</b>	<b>Incident #</b>	<b>Address</b>	<b>Type of problem</b>	<b>Total Loss</b>
April 7, 2022	220241	241 55th St	Landscape	\$40.00
May 9, 2022	220330	231 Powell St	Outside Equipment	\$1,000.00
May 11, 2022	220334	1 S Prospect Ave.	Train vs Truck	\$1,300,000.00
May 22, 2022	220365	288 Oxford Ave.	Dumpster Fire	\$1,000.00
June 14, 2022	220428	122 Walker Ave	Outside Storage	\$2,500.00
August 12, 2022	220608	Southbound Route 83 Hwy	Car Fire	\$5,000.00
November 6, 2022	220864	31 58th St.	Cooking Fire	\$1,500.00
<b>Total Loss</b>				<b>\$1,311,040.00</b>

# EMS Division

## Emergency Medical Services Call History

**Total Calls for 2022**



**Total Calls by Year 1995 through 2022**

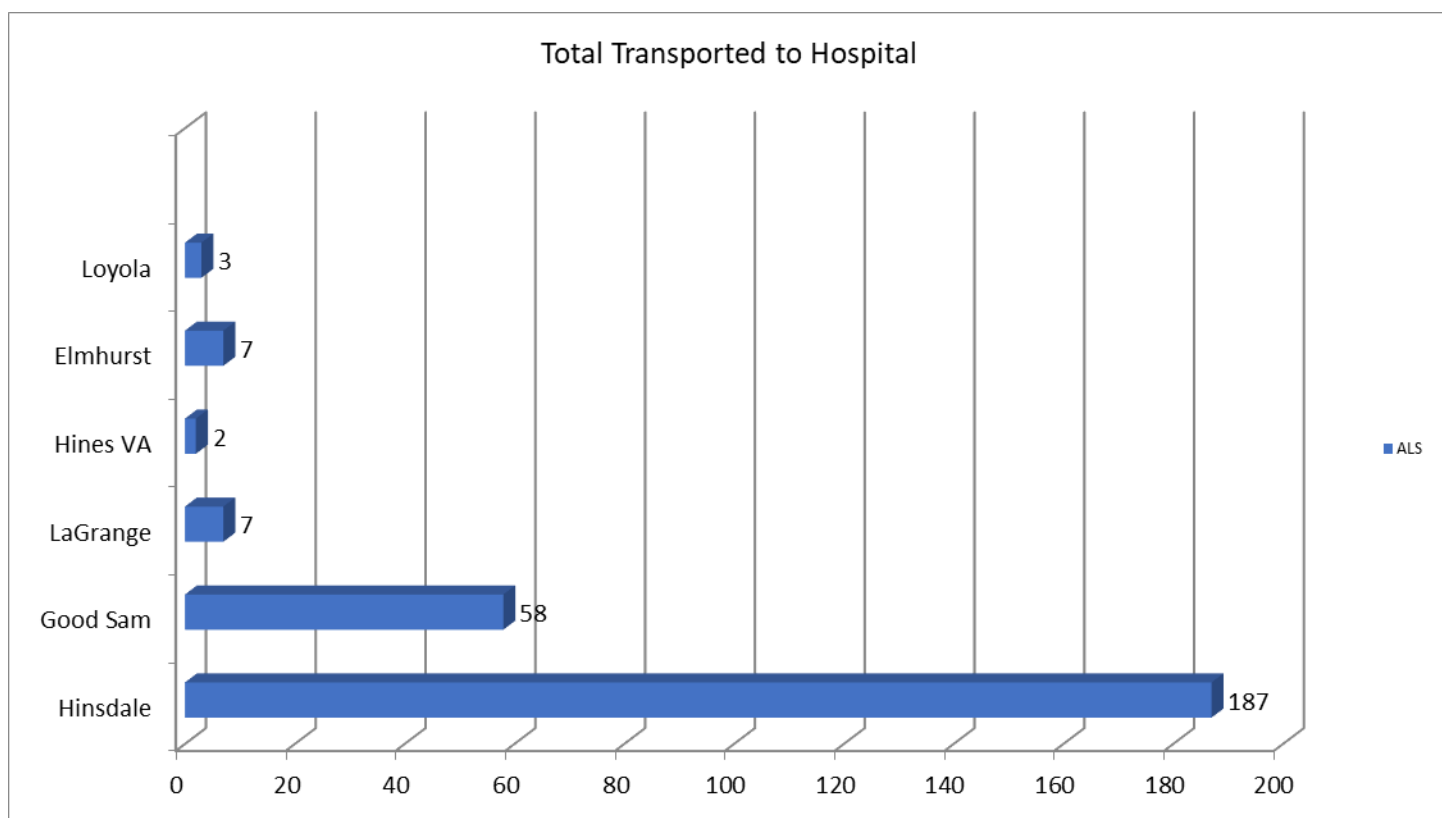
Year	Calls
1995	219
1996	221
1997	253
1998	259
1999	292
2000	331
2001	299

Year	Calls
2002	387
2003	399
2004	417
2005	465
2006	431
2007	463
2008	428

Year	Calls
2009	446
2010	449
2011	404
2012	475
2013	488
2014	459
2015	512

Year	Calls
2016	428
2017	533
2018	542
2019	533
2020	458
2021	522
2022	471

## Total Hospital Transports by Level and Hospital for 2022



The following numbers represent PCR Tablet / EMS Charts Reports for 2017 through 2022

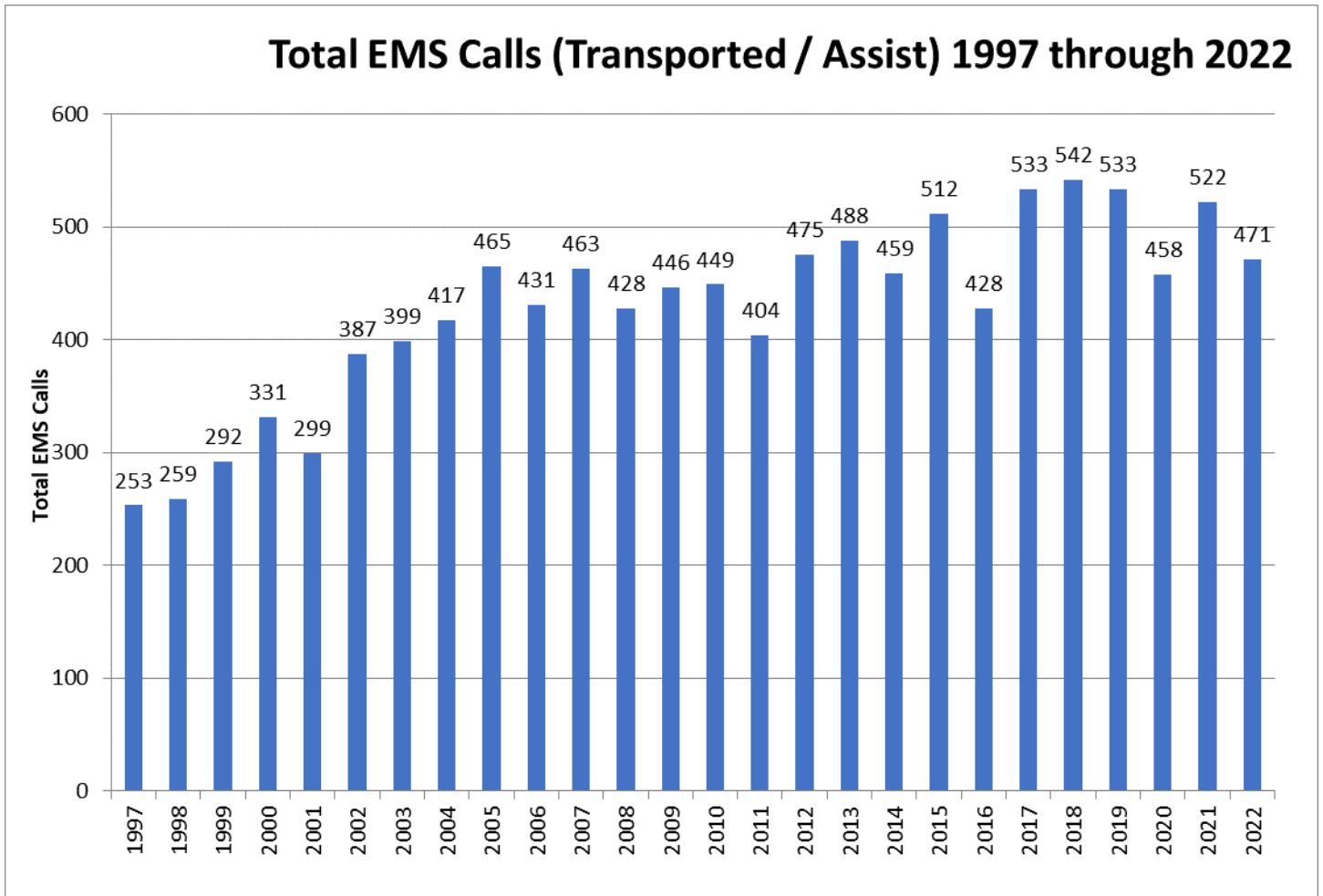
Year	2017	2018	2019	2020	2021	2022
None	23	6	8	2	2	3
Abdominal Pain/Problem	13	12	11	13	14	9
Airway Obstruction / Choking	-	4	1	-	-	-
Allergic Reaction	2	-	4	1	3	5
Altered LOC	14	16	1	4	-	-
Altered Mental Status	-	16	17	13	-	1
Animal Bite	-	-	-	-	1	-
Assault	-	-	-	-	2	2
Back Pain	-	-	-	-	8	8
Behavioral	15	28	35	29	20	7
Bleeding	13	-	-	-	-	-
Breathing Problems	-	-	-	-	34	19
Burns	-	-	-	-	1	-
Cardiac Rhythm Disturbance	3	5	10	4	-	1



<b>Cardiac /Traumatic / Respiratory Arrest</b>	<b>3</b>	<b>6</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>5</b>
<b>Chest Pain</b>	<b>14</b>	<b>16</b>	<b>18</b>	<b>8</b>	<b>12</b>	<b>15</b>
<b>Choking</b>	-	-	-	-	1	2
<b>Convulsions/Seizure</b>	<b>5</b>	<b>8</b>	<b>13</b>	<b>9</b>	<b>12</b>	<b>8</b>
<b>Cough</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>2</b>	-	-
<b>CO / Inhale / Hazmat</b>	-	-	-	-	1	2
<b>COVID-19 (Determined)</b>	-	-	-	4	-	-
<b>COVID-19 (Suspected)</b>	-	-	-	9	-	-
<b>Diabetic Problems (Hypo/Hyper)</b>	<b>6</b>	<b>9</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>3</b>
<b>Diarrhea</b>	<b>4</b>	<b>1</b>	-	1		-
<b>Dizziness</b>	-	-	-	-	3	-
<b>Electrocution</b>	-	1	-	1	-	-
<b>ETOH Abuse</b>	<b>13</b>	<b>13</b>	<b>5</b>	<b>11</b>	-	<b>2</b>
<b>Falls</b>	-	-	-	-	87	45
<b>Fatigue</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>2</b>	-	-
<b>Fever</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>5</b>	-	-
<b>Fire Other</b>	-	-	-	-	1	-
<b>Flu-Like Symptoms</b>	<b>3</b>	-	-	-	-	-
<b>General Assist</b>	-	-	-	-	7	-
<b>General aches, pains and soreness</b>	-	-	-	-	-	3
<b>General Injury</b>	-	-	-	-	-	6
<b>Headache</b>	-	8	6	3	2	3
<b>Heart Problems</b>	-	-	-	-	4	2
<b>Hemorrhage/Bleeding</b>						8
<b>Hemorrhage/Lacerations</b>	-	-	-	-	9	1
<b>Hypertension</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>1</b>	-	-
<b>Hypotension</b>	-	1	1	2	-	2
<b>Hypovolemia/Shock</b>	-	-	-	-	-	1
<b>Hyperthermia</b>	-	2	-	-	-	-
<b>Injured Person</b>	-	-	-	-	4	-
<b>Medical Alarm</b>	-	-	-	-	5	-
<b>Musculoskeletal Injury</b>	<b>27</b>	<b>29</b>	<b>42</b>	<b>17</b>	-	<b>3</b>
<b>MVC</b>	-	-	-	-	29	20
<b>Nausea/Vomiting</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>3</b>	-	<b>1</b>
<b>Not Known</b>	-	-	-	-	2	-
<b>No Apparent Injury</b>	<b>19</b>	<b>62</b>	<b>51</b>	<b>37</b>	-	<b>9</b>
<b>Non-EMS Assist</b>	<b>3</b>	<b>24</b>	<b>7</b>	<b>4</b>	-	<b>7</b>
<b>Obvious Death / Dead at Scene / DOA</b>	<b>5</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>2</b>
<b>Other Medical</b>	-	-	-	-	11	-
<b>Opiate Overdose</b>	-	-	-	-	-	6
<b>Pain</b>	-	-	-	-	-	6
<b>Pain - Back</b>	<b>16</b>	<b>10</b>	<b>15</b>	<b>13</b>	-	<b>4</b>
<b>Pain - Chest</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>5</b>	-	<b>1</b>
<b>Pain - Extremity</b>	<b>11</b>	<b>20</b>	<b>26</b>	<b>12</b>	-	<b>3</b>
<b>Pain - Eye</b>	<b>1</b>	-	-	-	-	-

<b>Pain - Head</b>	<b>7</b>	<b>10</b>	<b>10</b>	<b>5</b>	<b>-</b>	<b>3</b>
<b>Pain - Muscle</b>	<b>-</b>	<b>2</b>	<b>5</b>	<b>2</b>	<b>-</b>	<b>3</b>
<b>Patient Assist</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>24</b>	<b>-</b>
<b>Poisoning/Drug Ingestion</b>	<b>5</b>	<b>8</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>8</b>
<b>Pregnant/OB Delivery/Miscarriage</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Psychological</b>	<b>11</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>24</b>	<b>16</b>
<b>Respiratory Arrest</b>	<b>-</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Respiratory Distress / Breathing Difficulty</b>	<b>17</b>	<b>18</b>	<b>27</b>	<b>25</b>	<b>-</b>	<b>2</b>
<b>Severe Headache</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Sexual Assault / Rape</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Sick Person</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>53</b>	<b>39</b>
<b>Smoke Inhalation</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Stab/Gunshot Wound</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>
<b>Stings / Venomous Bites</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Standby</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>
<b>Stroke/CVA</b>	<b>4</b>	<b>2</b>	<b>5</b>	<b>6</b>	<b>13</b>	<b>14</b>
<b>Suicidal Ideations</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Suicide</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>
<b>Swelling - Head</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Swelling - Lower Limb, Bilateral</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>Swelling - Lower Limb, Left</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>2</b>	<b>-</b>	<b>-</b>
<b>Swelling - Lower Limb, Right</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>
<b>Syncope/Fainting/Dizziness</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>22</b>	<b>24</b>	<b>23</b>
<b>Traumatic Injury</b>	<b>16</b>	<b>7</b>	<b>27</b>	<b>18</b>	<b>3</b>	<b>7</b>
<b>Unexplained Hemorrhage (Bleeding or Bruising)</b>	<b>-</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>-</b>	<b>1</b>
<b>Unknown Problem Man Down</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13</b>	<b>11</b>
<b>Vaginal Bleeding</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Vomiting</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>3</b>	<b>-</b>	<b>-</b>
<b>Weakness</b>	<b>20</b>	<b>39</b>	<b>44</b>	<b>53</b>	<b>-</b>	<b>7</b>
<b>Well-Being Check</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>5</b>	<b>1</b>	<b>3</b>
<b>Total</b>	<b>336</b>	<b>452</b>	<b>473</b>	<b>397</b>	<b>454</b>	<b>364</b>

## Total EMS Calls (Transported / Assist) 1997 through 2022



In 2022, the Clarendon Hills Fire Department responded to locations outside of the Village on mutual aid calls as follows. Ambulance and/or Squad for Medical calls and Accidents:

Mutual Aid Given response occurred **11** times.

Auto Aid Given Response occurred **66** times.

We received Aid for outside of our town with equipment and manpower:

Mutual Aid Received **1** times.

Auto Aid Received **43** times.

## **EMS Division Training for 2021**

The EMS Division of the Clarendon Hills Fire Department has successfully completed or obtained the following items to further the skills of not only our members, but also the residents and those who work in our community. We also started to use eCards (Paperless CPR Cards).

### **CPR**

The following instructors where recertified to teach CPR in all levels for the department:

Capt. Jim Jung  
Lt Jim Weil  
FF/PM Dave Godek  
FF/EMT Matt Ladniak  
FF/PM Lou D'Attomo  
FF/PM Jesus Hernandez

The following people have renewed their Trainer Status to certify CPR Instructors for the AHA

Lt Jim Weil  
FF/PM Dave Godek

Department instructors taught CPR for the following levels.

Healthcare Provider  
Heartsaver First Aid / CPR  
Heartsaver Pediatric First Aid / CPR  
Friends and Family

## **EMS Division Updates**

### **Medic 86**

In July we put our new M86 into service, this is a 2022 Ford F623 with a Horton Body. This is a replacement for the 2015 Freightliner with a Horton Body, this vehicle is now our reserve unit.

### **COVID-19 Pandemic 2021**

In June of 2021, the pandemic protocols were relaxed slightly, but several procedures are still in effect. On all EMS Calls the crews will wear the N95 mask when around patients and while in the hospital, Medic 86 goes through a full cleaning as well as running the UV light for a period of time.

With COVID-19 still present we have continued closely monitoring IDPH, DuPage County Health Department, Hinsdale, and Loyola EMS for department response to this continuing Pandemic.

### **ST Elevation Myocardial Infarction (STEMI)**

We are now performing 12-Lead Monitoring on all patients with cardiac issues this procedure gives the Medics an overall look at the cardiac issue, these are transmitted to the hospital and if needed these patients will be send to the Cardiac Catheter Lab for advanced procedures.

### **Stroke Care**

The hospital that we transport our stroke patients has received accreditation as Stroke Centers.

### **Opioid Crisis**

Our opioid overdoses have increased, we do have a spike from time to time and this is a nationwide problem.

### **Rescue Task Force Training**

We have performed training with neighbor departments in active shooter EMS operations called Rescue Task Force. While Police work with Fire/EMS to handle these types of calls. We attended a training between police / fire. We have received our Ballistic Vest and Helmets and they are now on all vehicles.

### **Loyola EMS Coordinators Meetings / Workshop**

EMS Coordinator Dave Godek and Asst. EMS Coordinator Jim Weil attend Quarterly Coordinator Meeting as well as Yearly Workshop. The Quarterly Meeting includes Loyola Hospital Staff, Associate Hospital and All Loyola Affiliated Department and has changed to Teams Calls.

### **Loyola EMS Paramedic Committee**

Lt Godek sits on a committee that will be working on ways to recruit and educate more paramedics. Currently it takes almost 18 months of classroom and field ride time to become a certified paramedic. This is a huge commitment for an individual that takes up to 40 hours a week for 18 months.

### **ZOLL EMS Charts**

Loyola EMS Systems has decided to move from ZOLLpcr to ZOLL EMSCharts, which is a Cloud Based Product. This started on May 16, 2022.

### **CARES**

Cares Tracking of all cardiac incidents has continued.

### **12-LEAD EKG Transmission**

We continue to transmit 12-LEAD EKG output directly to the hospitals to expedite ST Elevation Myocardial Infarction (STEMI) patients to get faster treatment for Cardiac issues. By doing this we have expedited the time from door to Cardiac Catheter Lab. (STEMI = ST segment elevation myocardial infarction), also in a STEMI, the coronary artery is completely blocked off by the blood clot, and as a result virtually all the heart muscle being supplied by the affected artery starts to die.) We have migrated to the ZOLL Cloud to simplify the sending of 12-LEAD data. When a 12-Lead is acquired and transmitted to Hinsdale ER a copy now goes to Hinsdale Care Point Station, Cath Lab. Lt. Jim Weil's gets copied by email for all 12-Leads.

### **New EMS Personal**

In 2022 we hired (9) new Firefighter/Paramedic and (0) Firefighter/EMT's.

### **EMS Recertification Classes**

All members of the department EMR, EMT, and Paramedics have continued to maintain the mandatory number of Continuing Educations hours to be Re-Licensed. These also have completed using Zoom Video Conference and Moodle (Loyola Online Training). In March of 2022 we started onsite CE with a Loyola Certified Instructor.

### **CPR/AED Training and Instruction & Maintenance**

In February, EMS Coordinator Dave Godek coordinated the annual servicing of all Village Owned AED's as well as AED's owned by local businesses and organizations in the village. We contract with a private contractor who comes out to us and checks each AED for proper operation. This is an ongoing yearly program.

All schools in District 181 have AEDs in place and the teachers / staff are trained in use of them via CPR/AED training.

## **2022 EMS Training Summary Report**

The following drills (EMS Monthly Drills) are those which are part of our evening training sessions.

<b>Month</b>	<b>Topic</b>
<b>January</b>	<b>Mental Health - Provider Wellness - Consent and Refusals</b>
<b>February</b>	<b>Cardiac</b>
<b>March</b>	<b>Stroke and Behavioral Emergencies</b>
<b>April</b>	<b>Crew Resource Management (MCI vs MVI)</b>
<b>May</b>	<b>Adult Medical Emergencies: Renal Failure, Hyperkalemia, Crush/Suspension Injury</b>
<b>June</b>	<b>DNR/POLST Form Changes / Updates</b>
<b>July</b>	<b>In-House Training (No Region 8 Subject Area)</b>
<b>August</b>	<b>Trauma-Kinematics and MOIs, Spine Injuries, and Fluid Resuscitation</b>
<b>September</b>	<b>Children and Youth with Special Health Care Needs (CYSHCN)</b>
<b>October</b>	<b>Pediatric Head and Spine Trauma</b>
<b>November</b>	<b>In-House Training (No Region 8 Subject Area)</b>
<b>December</b>	<b>Annual CPR Training (Department Wide)</b>

**Public Services/Education**  
**Fire Prevention Division**

In early 2022, due to COVID no fire station tours were conducted, until mid-year after this time we had five Public Education Tours we also conducted Fire/Life Safety Talks to Boy / Girl Scout, Cub, Brownie Troops, and other groups. Also, all events: Clarendon Hills Holiday Walk, Daisy Days, Daisy Dash, Ice Cream Socials at Prospect and Walker Schools, Blackhawks Heights and Stonegate Halloween Parades and several Block Parties.

We did Fire Prevention presentations to all schools in town and our Annual Fire Department Open House on October 1<sup>st</sup> which turned out to be large event.

During 2022 Clarendon Hills Fire Prevention Officer David Godek conducted the following inspectional duties:

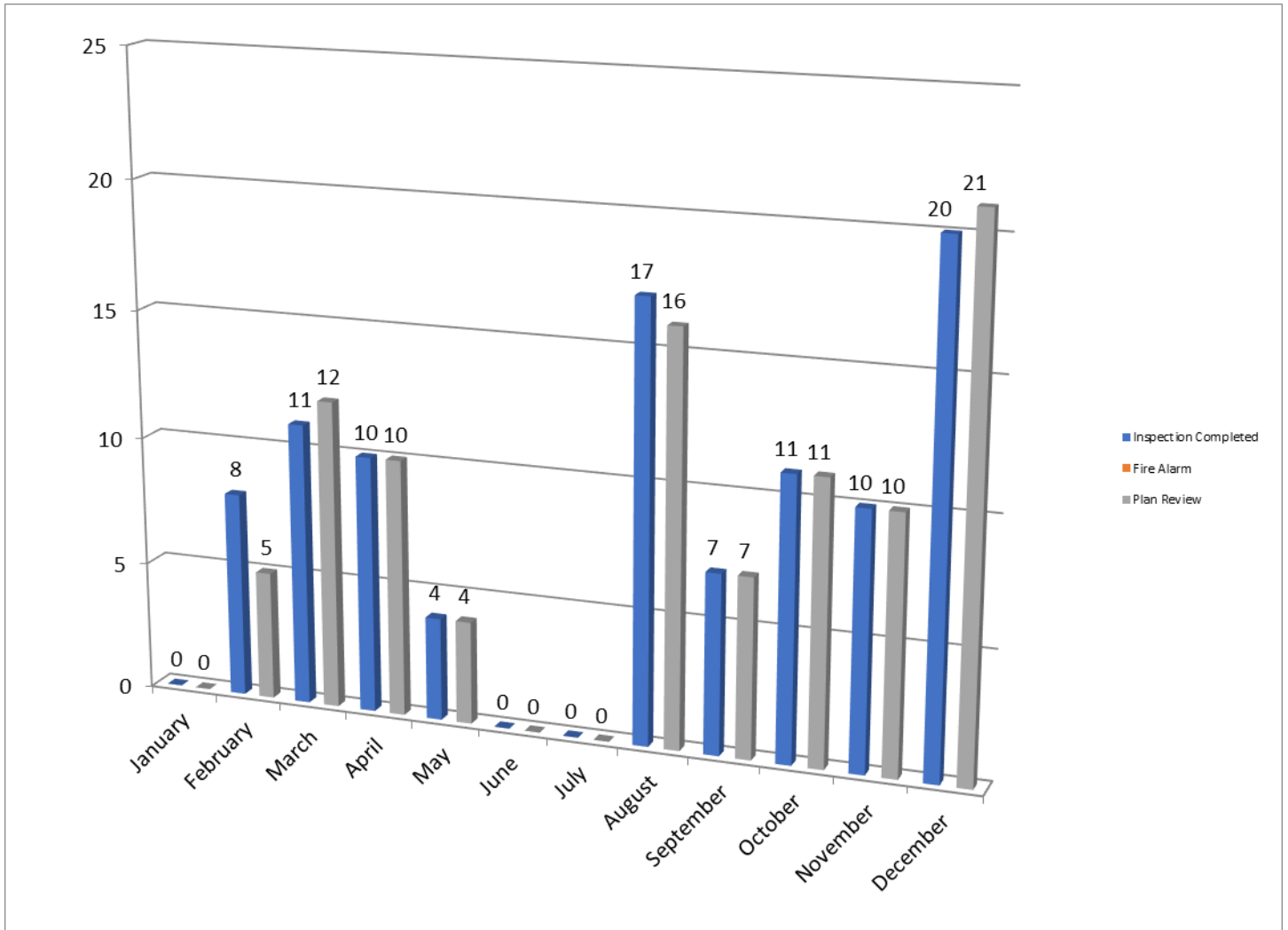
Annual Fire and Life Safety Inspections	153
Keltron Fire Radio (maintained by JCL)	155
Fire Violations – Adjudication Hearing Process	14
Plan Reviews	7
New Fire Alarm System Inspections with Sprinkler Systems	3
New Single Family Sprinkler System Tests	2
Code Enforcement	96
Current Vacant Buildings	7
Large Commercial Projects	3
Review of Fire Codes with 2023 amendments	

**Detailed Related Dollar Losses 2022**

Date	Incident #	Address	Type of problem	Total Loss
April 7, 2022	220241	241 55th St	Landscape	\$40.00
May 9, 2022	220330	231 Powell St	Outside Equipment	\$1,000.00
May 11, 2022	220334	1 S Prospect Ave.	Train vs Truck	\$1,300,000.00
May 22, 2022	220365	288 Oxford Ave.	Dumpster Fire	\$1,000.00
June 14, 2022	220428	122 Walker Ave	Outside Storage	\$2,500.00
August 12, 2022	220608	Southbound Route 83 Hwy	Car Fire	\$5,000.00
November 6, 2022	220864	31 58th St.	Cooking Fire	\$1,500.00
<b>Total Loss</b>				<b>\$1,311,040.00</b>



## Total Inspections, Fire Alarm and Plan Review by Month for 2022



## Total Inspections conducted by Fire Prevention Staff for 2022

Month	Inspection Completed	Fire Alarm	Plan Review
January	0		0
February	8		5
March	11		12
April	10		10
May	4		4
June	0		0
July	0		0
August	17		16
September	7		7
October	11		11
November	10		10
December	20		21
<b>Totals</b>	<b>98</b>	<b>0</b>	<b>96</b>

## Fire Inspection Violations 2015 – 2022

Violation Found	2015	2016	2017	2018	2019	2020	2021	2022
Automatic sprinkler controls blocked	2	2	1		1		1	
Automatic sprinkler needs to be inspected			5					1
Automatic sprinkler system requires maintenance	3				1	2		1
Auto Doors Provide, Repair or Replace Auto Door Closers	-	1		1	1			
Boiler certification expired or missing	1	1	2	1	1			
Building key(s) require updating	2	-						
Ceiling requires repairs	4	2	2	4	2	3	4	
Combustibles are stored too close to heat source(s)	1	1			2			
Electric plug, switch or breaker replaced	2	1	1			2		
Electrical components require repair or replacement			1	1	1	1		
Electrical panels must be kept closed and area clean	9	5	5	3	10	1	2	
Emergency light(s) needed, or unit(s) require repair/replacement	39	35	34	34	34	18	20	3
Exit door(s) Blocked	1	3	5	7	7	1	5	
Exit door(s) Blocked while occupied	1	1			1		2	
Exit door(s) require repair/replacement	1		1					
Exit door(s) shall not be key lockable from the inside								
Exit sign(s) must be working when premises are occupied	21	19	15	11	11	14	10	3
Exit sign(s) missing or need to be repaired	21							
Exits and pathways to exits must be clear and unobstructed	6							
Extension cords overused or misused / Power Strips	3		1				1	
Elevator Inspection not current or certificate visible	6	5	3	2	4	2	3	
Elevator Controls / Disconnect accessible	2	3	2		5		1	
FDC/Sprinkler/Standpipe blocked or not accessible				1				
Fire alarm control panel not accessible								

Fire alarm device requires repair	8	1	5	4	6	2	3	
Fire door closing device(s) require adjusting or repair								
Fire doors must not be wedged open or obstructed	2			1		2		
Fire extinguisher(s) are due or past due for annual certification	21	16	19	4	17	15	18	
Fire extinguisher(s) type, are not accessible or properly mounted	7							
Fire extinguisher(s) are of improper type or quantity		10	10	4	10		6	
Fire extinguisher(s) are/is discharged and needs repair						7		
Fire suppression system (kitchen) needs repair or service	2		3					
Fire suppression system (kitchen) overdue for certification	1		1				1	
Flammable liquids must be kept in an approved metal cabinet		2	2					
Gas Cylinder not chained or secured	10	6	5	4	3	4	1	1
General Requirements								3
Hallways / Aisles blocked								1
Heat detector(s) not working			2					
Heating system needs to be cleaned or serviced								
Keep a 12" clearance between ceiling and storage	1		1					
Keep an 18" clearance from sprinkler heads	-		2					
Knox box required by Village Ordinance / Keys Current		5	2	7	1		1	
MSDS sheets not posted	1	1	2					
Occupancy limit sign(s) must be posted and enforced		1						
Oily or dirty rags must be kept in closed metal container		2						
Remove excessive combustible items / storage of flammable liquid	3		3	3	2	2		
Repair holes in walls, ceiling or floors	1	2		1	1			
Sign(s) prohibiting smoking must be posted & enforced								
Smoke detector(s) not working				2	2			
Sprinkler/Standpipe flow switch not supervised								
Stairways								1
Storage must be kept neat and orderly	1	1		1				
Utility shut off not accessible for emergency access	23	5		2	3	1	1	
<b>Totals Violations per Year</b>	<b>206</b>	<b>131</b>	<b>135</b>	<b>98</b>	<b>126</b>	<b>77</b>	<b>80</b>	<b>14</b>

## **TRAINING HIGHLIGHTS FOR 2022**

- The Clarendon Hills Fire Department conducts evening fire suppression training every first, third and fourth Wednesday evening of each month. We conduct EMS re-certification training every second Wednesday evening of each month. The Topics covered on these evenings consist of basic, advanced, technical, and regulatory training required by Local, State or Federal entities. Class and practical sessions are conducted during training. In addition, the department conducts or takes part in specifically scheduled outside training events which may be conducted by our instructors or outside instructors. These certification classes again can cover basic skills, technical skills, advanced training, or regulatory training. In addition, the Shifts are assigned daily training as well. All firefighters must complete at least 12 courses of Regulatory training using our Vector Solutions Web Training Site during 2022.
- All recruit firefighters must be certified in Firefighter Basic Operations, Hazardous Materials, NIMS, Courage to be Safe, Fire Service Vehicle Operator and EMT. Once this certification is achieved then annual refresher training is given on these subject areas. In the future our recruits will continue the academy training at local academies, colleges or with mutual departments to complete their Firefighter Operations Certification.
- In 2022 the Clarendon Hills and Hinsdale Fire Departments continue to work together by completing mutual training drills. Many other live training drills were done in union with other departments. Our departments continue to work together in meeting procedure and training goals.
- The Clarendon Hills Fire Department may receive donations of actual homes in the community to use for live training. Using a local home is an excellent opportunity for our firefighters to practice our trained skills. Donations of homes have diminished some. If you have a home that you would like to donate before demolition, please give us a call.
- MABAS Division Ten Training officers provide live fire training twice a year as well as specialized training events.
- The Clarendon Hills Fire Department continues to enforce policies and procedures which include our Health and Wellness policy. Health, wellness, and safety are vital to firefighter safety.

- Since 9-11 the Federal government has established the required National Incident Management System (NIMS) training that must be provided for every firefighter, village employee and elected officials. Training is mandated by the federal government. For Clarendon Hills to receive financial aid/grants from the government in the event of a disaster we must prove that our employees are up to date in their training.
- There is a lot of responsibility when driving fire apparatus. The second leading cause of firefighter death every year is from driving incidents. Driver operators must have basic certified firefighter training and take part in at least 10 hours of driving/testing to be a certified driver operator. Firefighters must also comply with state regulations and complete annual evaluations. Additional training certifications such as Fire Service Vehicle Operator and Fire Apparatus Engineer certifications are offered as well.
- We are required to meet the new laws of the Globally Harmonized System which replaces the old Hazard Communication laws (Formerly called Right-to-Know). During 2022 annual training is held and any new hire must complete training
- In August of 2017 the Illinois State Fire Marshal set a new mandate for Haz-mat certification requiring a re-certification process. Officer/Investigator certification also requires a re-certification process. Our Firefighters are now required to earn 100 points in training every four years or 25 points annually to recertify in Hazmat operations certification. In 2021 due to COVID and other concerns the State has decided to “reset” this requirement to begin January of 2022.
- In 2022 the department received several smaller grants from FEMA (Covid) related supplies, our insurer awarded as a grant for Lift Assist Equipment and a 360-degree camera system for the ambulance, these grants totaled about \$50,000.
- 2022 was a very challenging year regarding hiring and staffing. We continue to look at recruiting methods to improve our staffing.
- In 2022 we implemented a new simplified pay plan which was also revised at the beginning of 2023.
- It is the Clarendon Hills Fire Department’s goal to keep all firefighters safe while training or assisting the residents of the community of Clarendon Hills during an emergency and return safely from every incident.

## **2022 DEPARTMENT REGULATORY TRAINING**

<b>January</b>	<b>Fire Service Health &amp; Safety</b>
<b>February</b>	<b>GHS Haz-Com</b>
<b>March</b>	<b>NFPA 1851 Cancer Risks</b>
<b>April</b>	<b>Lock out / Tag Out</b>
<b>May</b>	<b>NFPA 1584 FF Rehab Mod 1</b>
<b>June</b>	<b>NFPA 1584 FF Rehab Mod 2</b>
<b>July</b>	<b>NFPA 1500 Confined Space</b>
<b>August</b>	<b>NFPA 1851 Cancer</b>
<b>September</b>	<b>Slips, Trips and Falls</b>
<b>October</b>	<b>NFPA 1500 Electric/Materials Hand</b>
<b>November</b>	<b>Sexual Harassment</b>
<b>December</b>	<b>Trenching &amp; Shoring</b>

## **2022 REGULAR DEPARTMENT EVENING TRAINING**

<b>MONTH</b>	<b>EVENING TRAINING SUBJECT</b>
<b>January</b>	<b>Pump Operations</b>
<b>January</b>	<b>Firefighter Safety</b>
<b>January</b>	<b>Company Pre-plans</b>
<b>February</b>	<b>Strategy &amp; Tactics</b>
<b>February</b>	<b>Building Construction</b>
<b>February</b>	<b>Fire Behavior</b>
<b>March</b>	<b>ESO training / SCBA</b>
<b>March</b>	<b>SCBA</b>
<b>March</b>	<b>Ladders</b>
<b>April</b>	<b>Fire Ground Communication</b>
<b>April</b>	<b>ESO Training</b>
<b>April</b>	<b>Motivation / Tools &amp; Equipment</b>
<b>May</b>	<b>Skid Loads &amp; Highrise packs</b>
<b>May</b>	<b>Live House Training – 410 Naperville</b>
<b>May</b>	<b>Fire Suppression</b>
<b>June</b>	<b>Joes Drill – Vehicle positioning and mapping</b>
<b>June</b>	<b>Portable extinguishers &amp; Ladders</b>
<b>June</b>	<b>Master Streams</b>
<b>July</b>	<b>Tools &amp; Equipment</b>
<b>July</b>	<b>High Rise Training – 300 Holmes</b>
<b>July</b>	<b>Pre-Plans</b>
<b>August</b>	<b>Pre-Plans</b>
<b>August</b>	<b>Pump Training</b>
<b>August</b>	<b>Skid Loads</b>
<b>September</b>	<b>Building Pre-plans Specific</b>
<b>September</b>	<b>Truck to Engine relays</b>
<b>September</b>	<b>ESO Training</b>
<b>October</b>	<b>SCBA / Ladders / Extrication</b>
<b>October</b>	<b>Live House Simulation – 121 Indian</b>
<b>October</b>	<b>Company practical's</b>
<b>November</b>	<b>Master Streams</b>
<b>November</b>	<b>Ropes – SCBA – Tools</b>
<b>December</b>	<b>Haz-Mat Annual Training</b>
<b>December</b>	<b>Year-end Safety</b>

## **2022 DEPARTMENT SCHEDULED OUTSIDE TRAINING**

<b>OUTSIDE/DAYTIME TRAINING SUBJECT</b>
<b>MABAS Division Ten Training Officers/ ISO-SSO Train</b>
<b>MABAS Ten Chiefs</b>
<b>MABAS Ten Haz-Mat Training</b>
<b>MABAS Ten Investigator's</b>
<b>Village/Department Safety meetings</b>
<b>MABAS Division Ten Training</b>
<b>Village Quarterly Safety Meetings/IRMA</b>
<b>Driver Training and Evaluations</b>
<b>Class B Non-CDL Road Tests</b>
<b>MABAS Haz-Mat Training – Annual Drill</b>
<b>NIMS Training</b>
<b>IRMA Quarterly Meetings</b>
<b>IRMA Regulatory Training</b>
<b>Mutual Training and Meetings</b>
<b>Recruitment &amp; Retention Training</b>
<b>IMAT Training</b>
<b>Romeoville Academy – Recruit</b>
<b>Firefighter Academy Romeoville / Riverside -- Live Fire Training</b>
<b>Pre Plans- Tactical Walks</b>
<b>Company Pre-Plans</b>
<b>Target Solutions On-line Training</b>
<b>Ladder / Pump</b>
<b>Recruit Training</b>
<b>Live Tower Training DAWD</b>
<b>New Firefighter Training</b>
<b>MSA In-Service Training</b>
<b>Humbler in-service training</b>
<b>Parade Details</b>
<b>Fireworks Detail</b>
<b>Company Shift pre-plans</b>
<b>EMS Company Shift training</b>
<b>ESO Training – Hose Ops</b>
<b>Funeral details – MABAS Presentation</b>
<b>Live House Training 407 Park – Extrication – Vector Training</b>
<b>DMV Audits – FAE Certs – VMO Cert</b>
<b>State Fire Marshal – RTF Training – RITO Training</b>