

CLARENDON HILLS

FIRE DEPARTMENT



2021



ANNUAL REPORT

This again was very challenging year for the Clarendon Hills Fire Department. Due to the COVID-19 Pandemic going away and then the Delta and Omicron Variants starting to increase, Fire call volume are decreased, and EMS numbers are increased. Along with responding to Fire, EMS and Rescue emergencies, the Fire Department performed many other functions for the citizens of Clarendon Hills.

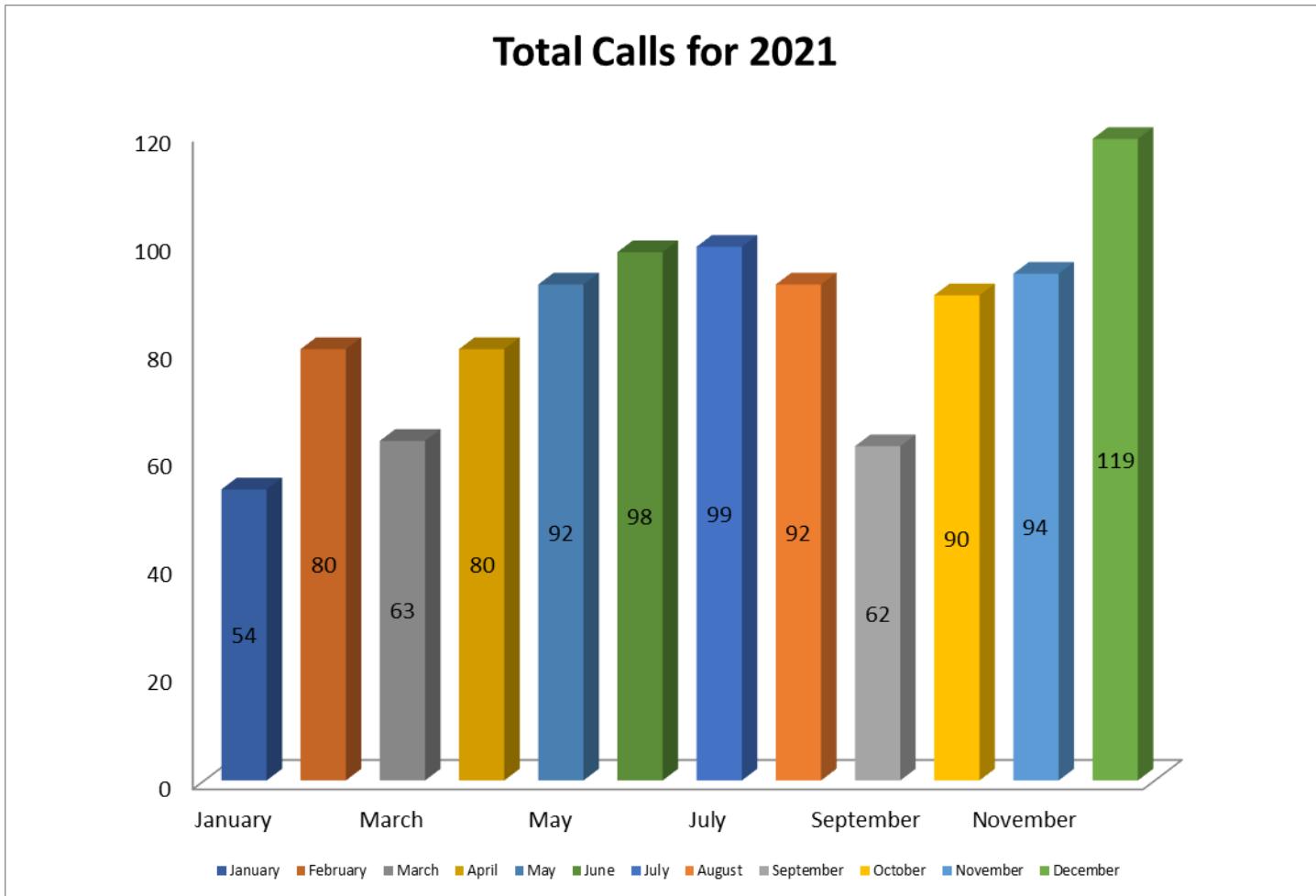
The members of the Clarendon Hills Fire Department are all dedicated and highly skilled professionals who provide service in the areas of Fire suppression, Emergency Medical Services, Rescue Services, Fire Prevention, Public Education and CPR.

The Clarendon Hills Fire Department responded to 1023 calls for emergency service in 2021. This total includes requests for both Fire and EMS service as well as activated fire alarms. The daily call average for 2021 was 2.8 calls per day.

Fire/Rescue call response emergencies were 337 (34.47%); Ambulance call response emergencies were 522 (53.40%) and Trouble Alarm investigations were 164 (16.77%) 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 called to check the location.

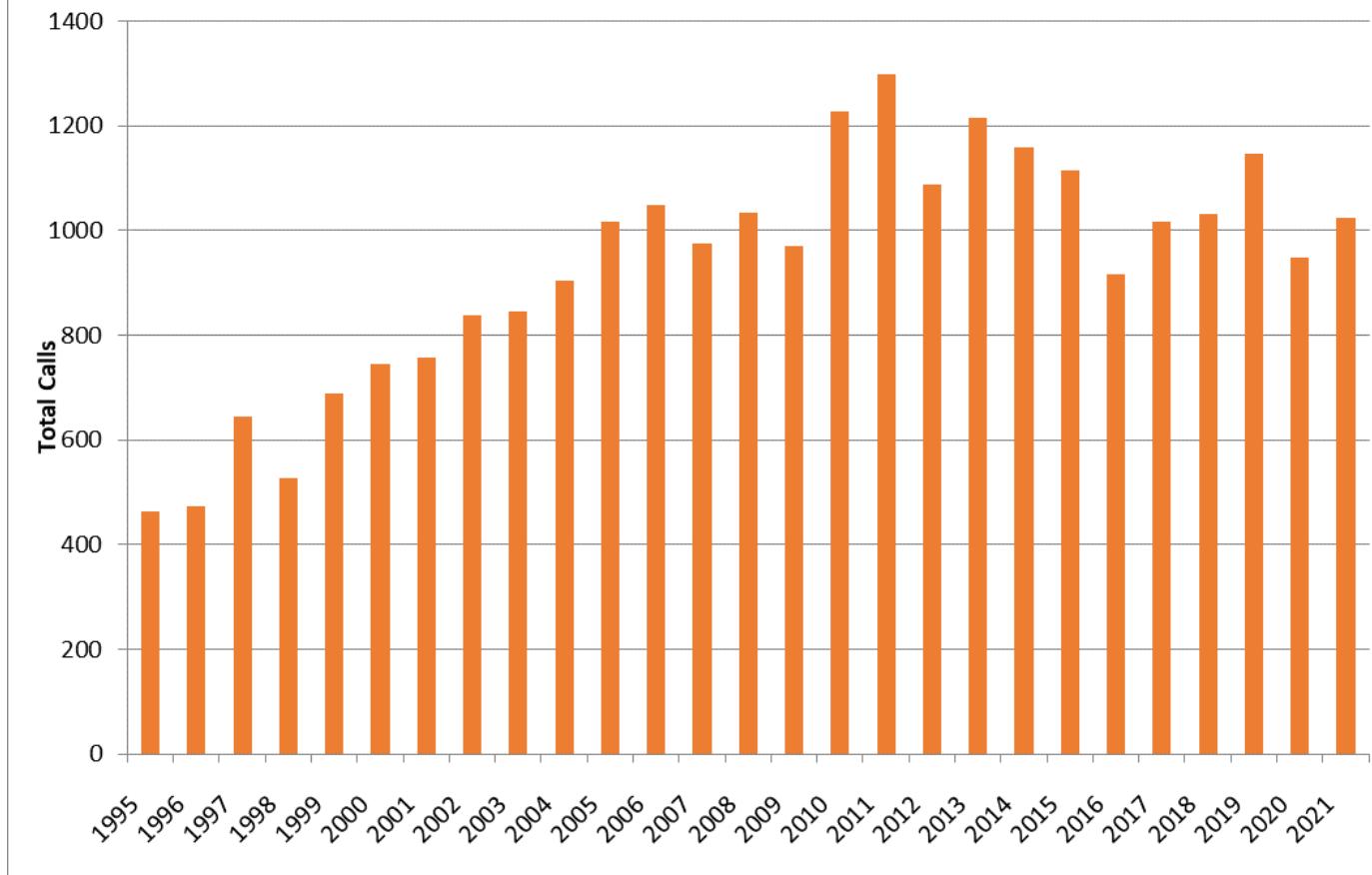
In 2021 there were (0) firefighters injured during an emergency call. There was (0) civilian injuries and (0) deaths because of a fire.

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 2021.



Total Calls by Year 1994 to 2021	
Year	Calls
1994	442
1995	463
1996	474
1997	644
1998	528
1999	688
2000	746
Year	Calls
2001	758
2002	838
2003	846
2004	905
2005	1018
2006	1049
2007	974
Year	Calls
2008	1035
2009	971
2010	1228
2011	1298
2012	1087
2013	1216
2014	1160
Year	Calls
2015	1114
2016	917
2017	1017
2018	1031
2019	1146
2020	949
2021	1023

Total Emergency Responses from 1995 to 2021



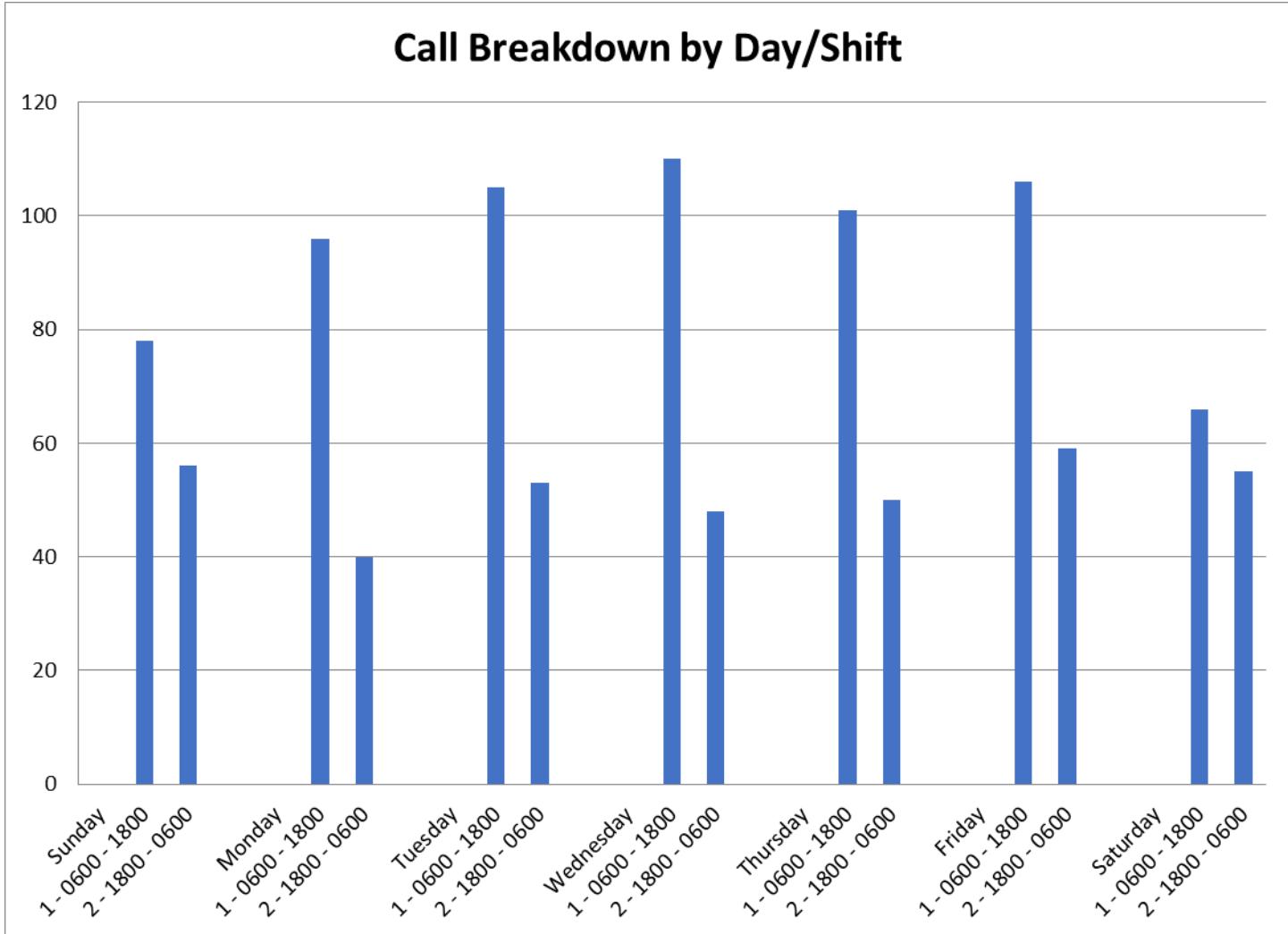
Incidents Type between 2013 and 2021

Incident Type Period Comparisons	2013	2014	2015	2016	2017	2018	2019	2020	2021
Incident Type									
100 Fire, Other	1	0	1	0	0	0	0	0	0
111 Building fire	2	1	5	5	3	2	3	5	0
112 Fires in structure other than in a building	0	0	1	2	1	0	0	0	0
113 Cooking fire, confined to container	3	0	1	1	1	1	0	0	1
114 Chimney or flue fire, confined to chimney or flue	0	0	0	0	1	0	0	0	0
116 Fuel burner/boiler malfunction, fire contained	1	0	0	0	1	0	0	0	0
118 Trash or rubbish fire, contained	1	0	0	0	0	0	1	0	1
130 Mobile property (vehicle) fire, Other	0	0	0	0	0	0	0	0	0
131 Passenger vehicle fire	2	1	0	1	0	0	0	0	0
132 Road freight or transport vehicle fire	0	0	0	0	0	0	1	1	1
140 Natural vegetation fire, Other	0	0	1	0	0	0	0	1	0
142 Brush or brush-and-grass mixture fire	1	1	1	1	2	0	1	1	2
143 Grass Fire	0	0	0	1	0	0	0	0	0
150 Outside rubbish fire, Other	2	1	0	0	0	0	0	0	1

151 Outside rubbish, trash, or waste fire	2	1	1	0	3	0	2	1	4
154 Dumpster or other outside trash receptacle fire	0	3	0	1	1	0	0	0	0
160 Special outside fire, Other	1	0	0	1	0	0	4	0	0
161 Outside storage fire	0	0	0	0	1	0	0	0	0
162 Outside equipment fire	2	1	1	0	1	0	0	3	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	0	1	0
251 Excessive heat, scorch burns with no fire	0	0	0	0	0	0	0	0	1
300 Rescue, EMS incident, other	0	0	1	0	0	0	0	0	0
311 Medical assist, assist EMS crew	5	0	0	0	0	0	2	0	0
320 Emergency medical service, other	1	0	1	0	0	0	1	0	0
321 EMS call, excluding vehicle accident with injury	414	389	422	356	434	450	443	399	423
322 Motor vehicle accident with injuries	23	15	36	31	27	36	36	15	22
323 Motor vehicle/pedestrian accident (MV Ped)	8	3	1	1	3	5	2	1	5
324 Motor Vehicle Accident with no injuries	15	23	14	9	17	14	23	11	12
331 Lock-in (if lock out, use 511)	0	1	0	0	0	0	0	0	0
350 Extrication, rescue other	0	0	0	0	0	0	0	0	1
351 Extrication of victim (s) from	0	0	0	1	0	0	0	0	0
352 Extrication of victim (s) from vehicle	0	0	0	0	0	0	1	0	0
353 Removal of victim(s) from stalled elevator	5	3	3	3	2	3	1	1	1
357 Extrication of victim(s) from machinery	0	0	0	0	0	0	0	0	0
360 Water & ice-related rescue, other	1	0	0	0	0	0	0	0	0
400 Hazardous conditions, Other	0	0	0	0	0	1	0	0	0
410 Combustible/flammable gas/liquid condition	0	0	1	1	0	0	0	0	0
411 Gasoline or other flammable liquid spill	1	0	2	2	3	1	1	0	0
412 Gas leak (natural gas or LPG)	15	21	18	23	25	21	22	26	23
413 Oil or other combustible liquid spill	0	0	0	0	0	0	1	0	0
421 Chemical hazard no spill or leak)	0	0	0	0	0	0	0	1	0
422 Chemical spill or leak	0	0	0	0	0	0	0	0	0
423 Refrigeration leak	0	0	0	0	0	0	0	1	0
424 Carbon monoxide incident	9	3	4	8	3	2	4	5	6
440 Electrical wiring/equipment problem, Other	2	2	0	2	1	0	4	1	2
441 Heat from short circuit (wiring), defective/worn	2	0	1	1	3	0	4	1	1
442 Overheated motors	1	6	0	2	3	0	4	1	1
443 Breakdown of light ballast	0	1	0	0	0	0	0	1	0
444 Power line down	10	8	15	13	14	20	29	17	8
445 Arcing, shorted electrical equipment	6	8	6	7	2	3	5	5	3
463 Vehicle accident, general cleanup	0	0	0	0	0	0	0	0	0
500 Service Call, other	1	1	1	0	0	0	0	1	0
510 Person in distress, Other	0	1	0	0	0	0	0	0	0
511 Lock-out	9	5	7	9	9	8	14	11	11
512 Ring or jewelry removal	0	0	0	0	0	0	0	1	0

520 Water problem, Other	10	0	0	0	0	0	1	0	0
521 Water evacuation	4	0	0	0	0	0	0	0	0
522 Water or steam leak	4	7	1	5	3	11	9	3	4
531 Smoke or odor removal	10	7	15	20	2	12	7	5	10
541 Animal problem	0	3	1	0	0	2	0	0	0
542 Animal rescue	0	0	1	0	0	1	0	0	1
550 Public service assistance, Other	0	0	1	0	0	0	0	0	0
551 Assist police or another governmental agency	1	4	0	7	2	1	1	1	3
552 Police matter	1	5	1	1	1	2	0	4	1
553 Public service	7	6	4	8	4	0	3	3	4
554 Assist invalid	16	25	34	27	50	37	28	32	60
555 Defective elevator, no occupants	0	0	2	2	1	0	0	0	3
561 Unauthorized burning	0	0	4	1	1	0	1	0	1
571 Cover assignment, standby, move-up	327	316	295	159	210	223	313	225	229
600 Good intent call, Other	0	0	1	0	0	0	0	1	1
611 Dispatched & cancelled enroute	5	3	0	1	7	9	4	3	3
621 Wrong location	4	1	0	0	0	0	1	0	0
622 No Incident found on arrival at dispatch address	3	7	2	1	9	15	2	3	4
631 Authorized controlled burning	0	0	1	0	0	1	1	1	2
632 Prescribed fires	0	0	0	2	0	0	0	0	0
650 Steam Other gas mistaken for smoke, Other	0	0	1	0	0	1	0	0	0
651 Smoke scare, odor of smoke	2	1	0	0	1	10	0	1	0
652 Steam, vapor, fog, or dust thought to be smoke	0	2	2	1	0	0	2	1	3
653 Smoke from barbecue, tar kettle	0	0	0	0	0	0	0	1	0
661 EMS call, party transported by non-fire agency	0	0	1	1	2	1	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	1	0	0	0	0	0	0	0	1
710 Malicious, mischievous false call, Other	2	0	1	0	0	0	1	0	0
711 Municipal alarm system, malicious false alarm	1	0	0	1	0	0	1	0	0
712 Direct ties to FD, malicious false alarm	0	0	0	0	0	0	0	0	1
713 Telephone, malicious false alarm	0	1	1	0	0	0	0	0	0
715 Local alarm system, malicious false alarm	0	0	0	0	0	0	0	1	0
730 System malfunction, Other	2	0	0	0	0	0	0	0	0
7301 Trouble Fire Alarm - Due to System Malfunction	103	90	113	68	34	18	29	18	29
731 Sprinkler activation due to malfunction	2	0	1	2	0	3	0	1	0
733 Smoke detector activation due to malfunction	7	18	13	12	6	14	8	11	9
734 Heat detector activation due to malfunction	1	9	1	0	1	2	4	6	5
735 Alarm system sounded due to malfunction	14	20	18	17	14	12	15	11	22
7351 Residential Fire Alarm - System Malfunction	7	8	14	13	10	5	13	3	8
736 CO detector activation due to malfunction	36	26	20	12	13	19	13	13	14
740 Unintentional transmissions of alarm, Other	0	0	0	1	1	1	0	1	0
7401 Trouble Fire Alarm - TX Line/Human Error	14	12	11	13	2	0	4	2	0

741 Sprinkler activation, no fire - unintentional	3	6	1	0	0	0	1	0	1
743 Smoke detector activation, no fire - unintentional	30	24	28	23	26	21	41	29	33
744 Detector activation, no fire - unintentional	4	9	11	7	7	4	6	6	6
745 Alarm system activation, no fire - unintentional	26	31	21	12	13	18	8	17	15
7451 Residential Fire Alarm - Unintentional Human Error	11	17	18	14	23	18	23	24	18
746 Carbon monoxide detector activation, no CO	4	1	2	4	2	3	0	6	0
800 Severe weather or natural disaster, Other	0	0	0	0	0	0	0	0	0
812 Flood assessment	4	0	0	0	10	0	3	3	1
813 Windstorm, tornado/hurricane assessment	0	0	0	0	1	0	3	1	0
814 Lightning strike (no fire)	1	2	0	0	0	0	0	0	0
815 Severe weather or natural disaster standby	2	0	0	0	0	0	0	0	0
900 Special type of incident, other	1	0	0	0	0	0	0	0	0
Totals	1086	1216	1160	1114	1017	1031	1155	949	1023



Call Breakdown by Day of Week / Shift by Percentage

Day / Shift	Counts	Percent %
Sunday		
1 - 0600 - 1800	78	7.62%
2 - 1800 - 0600	56	5.47%
Monday		
1 - 0600 - 1800	96	9.38%
2 - 1800 - 0600	40	3.91%
Tuesday		
1 - 0600 - 1800	105	10.26%
2 - 1800 - 0600	53	5.18%
Wednesday		
1 - 0600 - 1800	110	10.75%
2 - 1800 - 0600	48	4.69%
Thursday		
1 - 0600 - 1800	101	9.87%
2 - 1800 - 0600	50	4.88%
Friday		
1 - 0600 - 1800	106	10.36%
2 - 1800 - 0600	59	5.76%
Saturday		
1 - 0600 - 1800	66	6.45%
2 - 1800 - 0600	55	5.37%

Fire Suppression Call History

Totals Emergencies Fire Responses = 337

In 2021, 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 16 times

Auto Aid Given Response occurred 201 times

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

Mutual Aid Received 4 times

Auto Aid Received 197 times

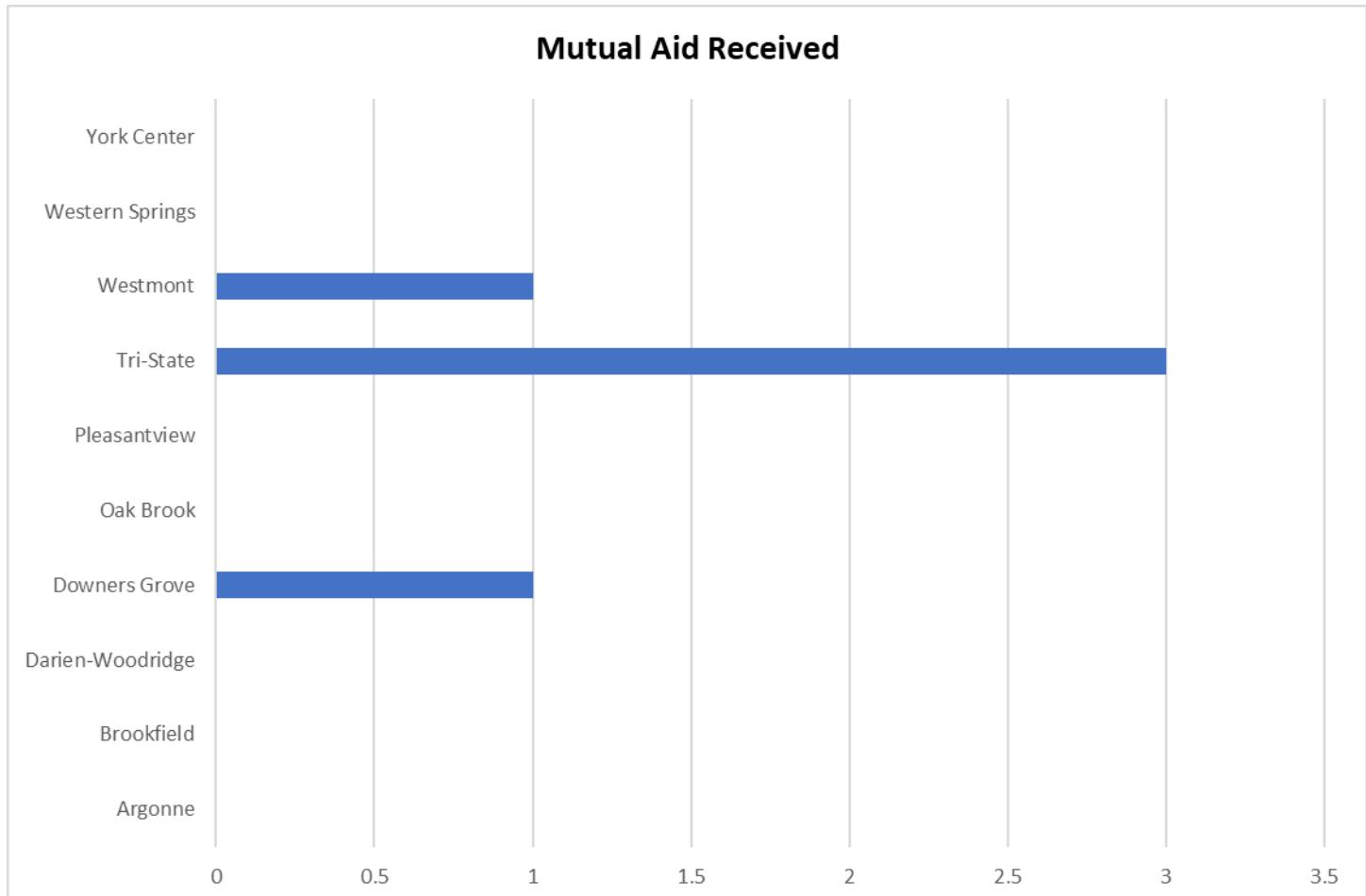
Clarendon Hills Fire Department Incident Type Report (Summary) (By Shift)

Incident Type	Category	Count	Pct of Incidents	Total Est Loss	Pct of Losses	Shift 1	Shift 2
						06:00	18:00
1	Fire						
113	Cooking fire, confined to container	1	0.09%	\$0.00	0.00%	1	
118	Trash or rubbish fire, contained	1	0.09%	\$600.00	1.93%		1
132	Road freight or transport vehicle fire	1	0.09%	\$0.00	0.00%	1	
142	Brush or brush-and-grass mixture fire	2	0.19%	\$150.00	0.48%		2
150	Outside rubbish, fire, other	1	0.09%	\$0.00	0.00%		1
151	Outside rubbish, trash, or waste fire	4	0.39%	\$300.00	0.96%	2	2
162	Outside equipment fire	1	0.09%	\$0.00	0.00%		1
		11	1.26%	\$1,050.00	3.37%		
2	Overpressure Rupture, Explosion, Overheat (no fire)						
251	Excessive heat, scorch burns with no fire	1	0.09%	\$0.00	0.00%		1
		1	0.09%	\$0.00	0.00%		
3	Rescue & Emergency Medical Service Incident						
321	EMS call, excluding vehicle accident w/injury	423	41.34%	\$0.00	0.00%	270	153
322	Motor vehicle accident w/injury	22	2.15%	\$0.00	0.00%	16	6
323	Motor vehicle/pedestrian accident (MV Ped)	5	0.48%	\$0.00	0.00%	4	1
324	Motor vehicle accident with no injuries	12	1.17%	\$25,000.00	80.51%	8	4
350	Extrication, rescue, other	1	0.09%	\$0.00	0.00%	1	
353	Removal of victim(s) from stalled elevator	1	0.09%	\$0.00	0.00%	1	
		464	45.35%	\$25,000.00	83.33%		

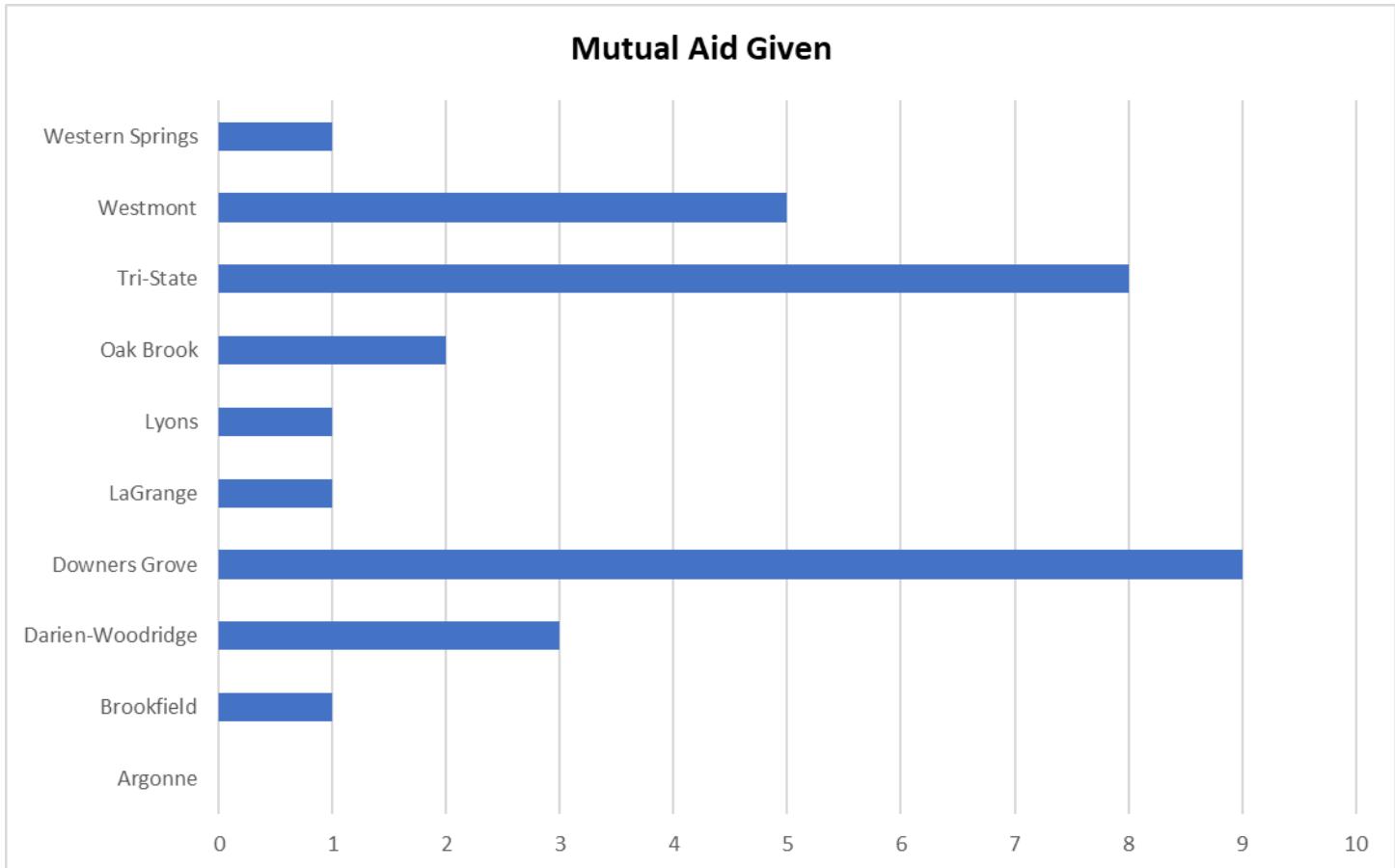
4	Hazardous Condition (No Fire)						
412	Gas leak (natural gas or LPG)	23	2.24%	\$0.00	0.00%	14	9
424	Carbon monoxide incident	6	0.58%	\$0.00	0.00%	3	3
440	Electrical wiring/equipment problem, other	2	0.19%	\$0.00	0.00%		2
441	Heat from short circuit (wiring),	1	0.09%	\$0.00	0.00%	1	
442	Overheated motor	1	0.09%	\$0.00	0.00%	1	
444	Power line down	8	0.78%	\$0.00	0.00%	7	1
445	Arching, shorted electrical equipment	3	0.29%	\$0.00	0.00%	1	2
		44	4.30%	\$0.00	0.00%		
5	Service Call						
511	Lock-out	11	1.07%	\$0.00	0.00%	4	7
522	Water or steam leak	4	0.58%	\$0.00	0.00%	3	1
531	Smoke or odor removal	10	0.97%	\$0.00	0.00%	2	8
542	Animal rescue	1	0.09%	\$0.00	0.00%	1	
551	Assist police or another governmental agency	3	0.29%	\$0.00	0.00%	2	1
552	Police matter	1	0.09%	\$0.00	0.00%		1
553	Public service	4	0.39%	\$0.00	0.00%	4	
554	Assist invalid	60	5.86%	\$0.00	0.00%	37	23
555	Defective elevator, no occupants	3	0.29%	\$0.00	0.00%	2	1
561	Unauthorized burning	1	0.09%	\$0.00	0.00%		1
571	Cover assignment, standby, move up	229	22.38%	\$0.00	0.00%	170	59
		327	31.96%	\$0.00	0.00%		
6	Good Intent Call						
600	Good intent call, other	1	0.09%	\$0.00	0.00%	1	
611	Dispatched & cancelled enroute	3	0.29%	\$0.00	0.00%		2
622	No Incident found on arrival at dispatch address	4	0.39%	\$0.00	0.00%	2	2
631	Authorized controlled burning	2	0.19%	\$0.00	0.00%	2	
652	Steam, vapor, fog, or dust thought to be smoke	3	0.29%	\$0.00	0.00%	3	
		13	1.27%	\$0.00	0.00%		
7	False Alarm & False Call						
700	False alarm or false call, Other	1	0.09%	\$0.00	0.00%	1	
712	Direct tie to FD, malicious false alarm	1	0.09%	\$0.00	0.00%	1	
7301	Trouble Fire Alarm - Due to System Malfunction	29	2.83%	\$0.00	0.00%	19	10
733	Smoke detector activation due to malfunction	9	0.87%	\$0.00	0.00%	6	3
734	Heat detector activation due to malfunction	5	0.48%	\$0.00	0.00%	3	2
735	Alarm system sounded due to malfunction	22	2.15%	\$0.00	0.00%	9	13
7351	Residential Fire Alarm - System Malfunction	8	0.78%	\$0.00	0.00%	4	4
736	CO detector activation due to malfunction	14	1.36%	\$0.00	0.00%	6	8
741	Sprinkler activation, no fire	1	0.09%	\$5,000.00	16.10%	1	
743	Smoke detector activation, no fire - unintentional	33	3.22%	\$0.00	0.00%	23	10
744	Detector activation, no fire - unintentional	6	0.58%	\$0.00	0.00%	5	1
745	Alarm system activation, no fire - unintentional	15	1.47%	\$0.00	0.00%	9	6
7451	Residential Fire Alarm - Unintentional Human Error	18	1.75%	\$0.00	0.00%	10	8
		162	15.83%	\$0.00	16.10%		

8	Severe Weather or natural Disaster						
812	Flood Assessment	1	0.09%	\$0.00	0.00%	1	
		1	0.09%	\$0.00	0.00%		
	Total Incident Count	1023		\$31,050.00			

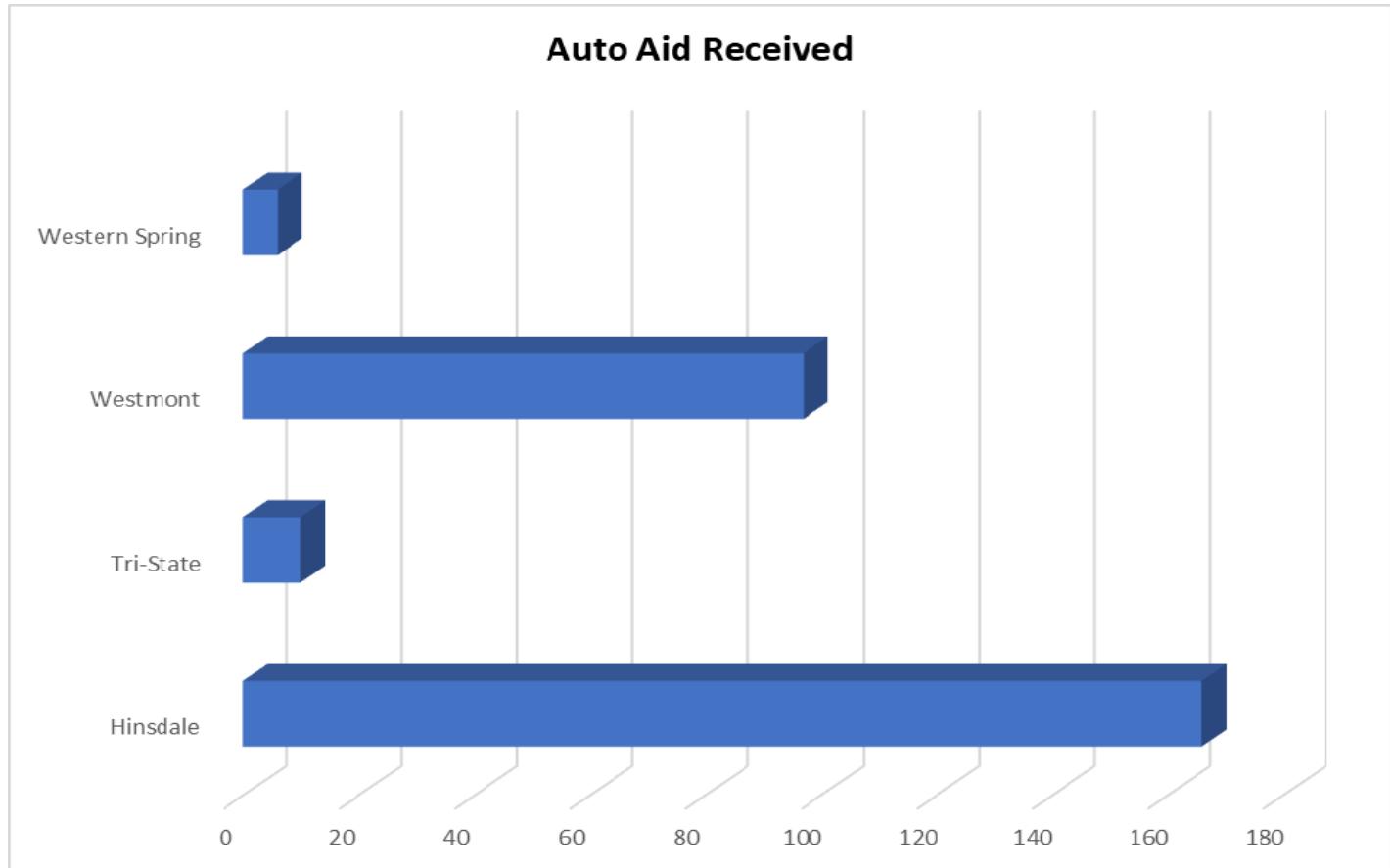
Mutual Aid "Received" Responses (FIRE / EMS)



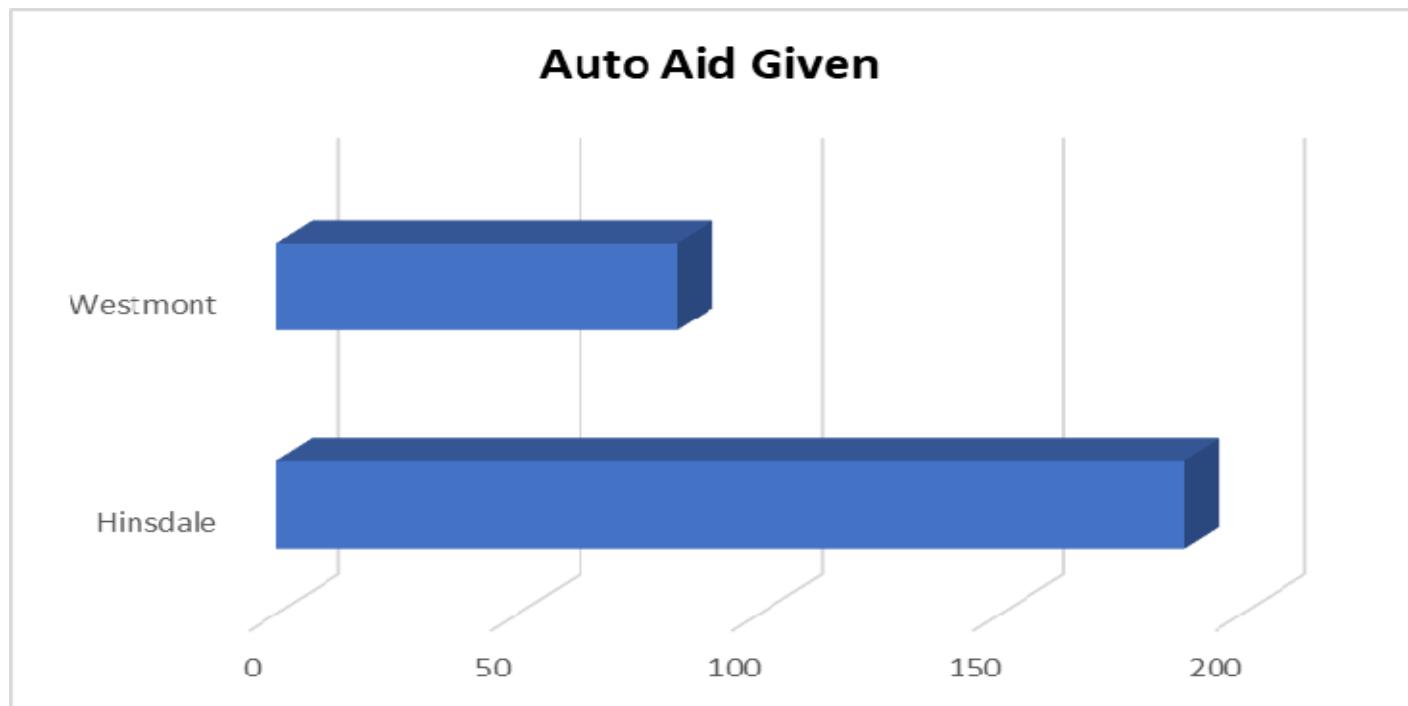
Mutual Aid "Given" Responses (FIRE / EMS)



Auto Aid "Received" Responses (FIRE / EMS)



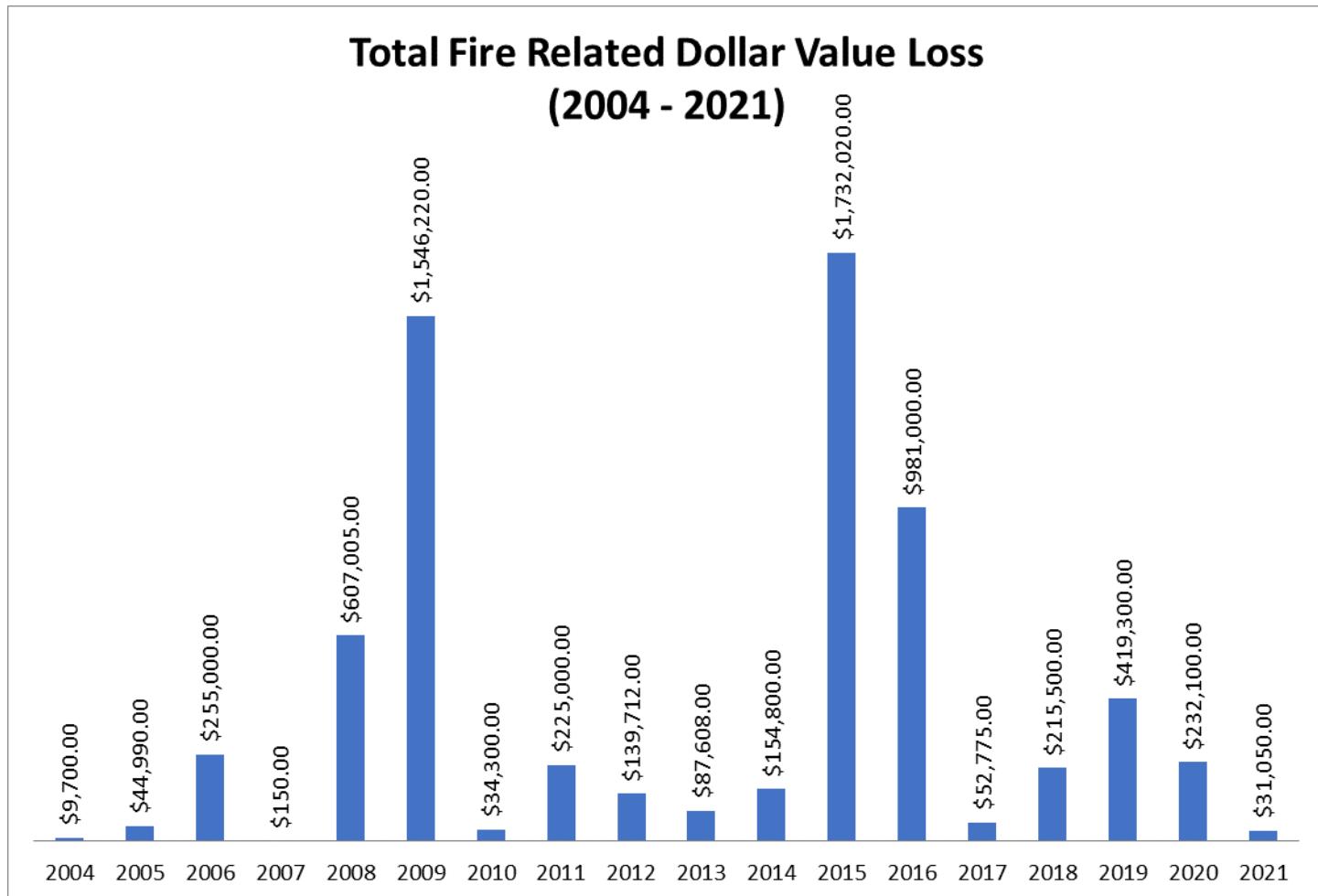
Auto Aid "Given" Responses (FIRE / EMS)



Fire Deaths in the Village of Clarendon Hills since 1978

1978	Hinsdale Golf Club Dormitory	140 Chicago Ave.	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 (2004 - 2021)

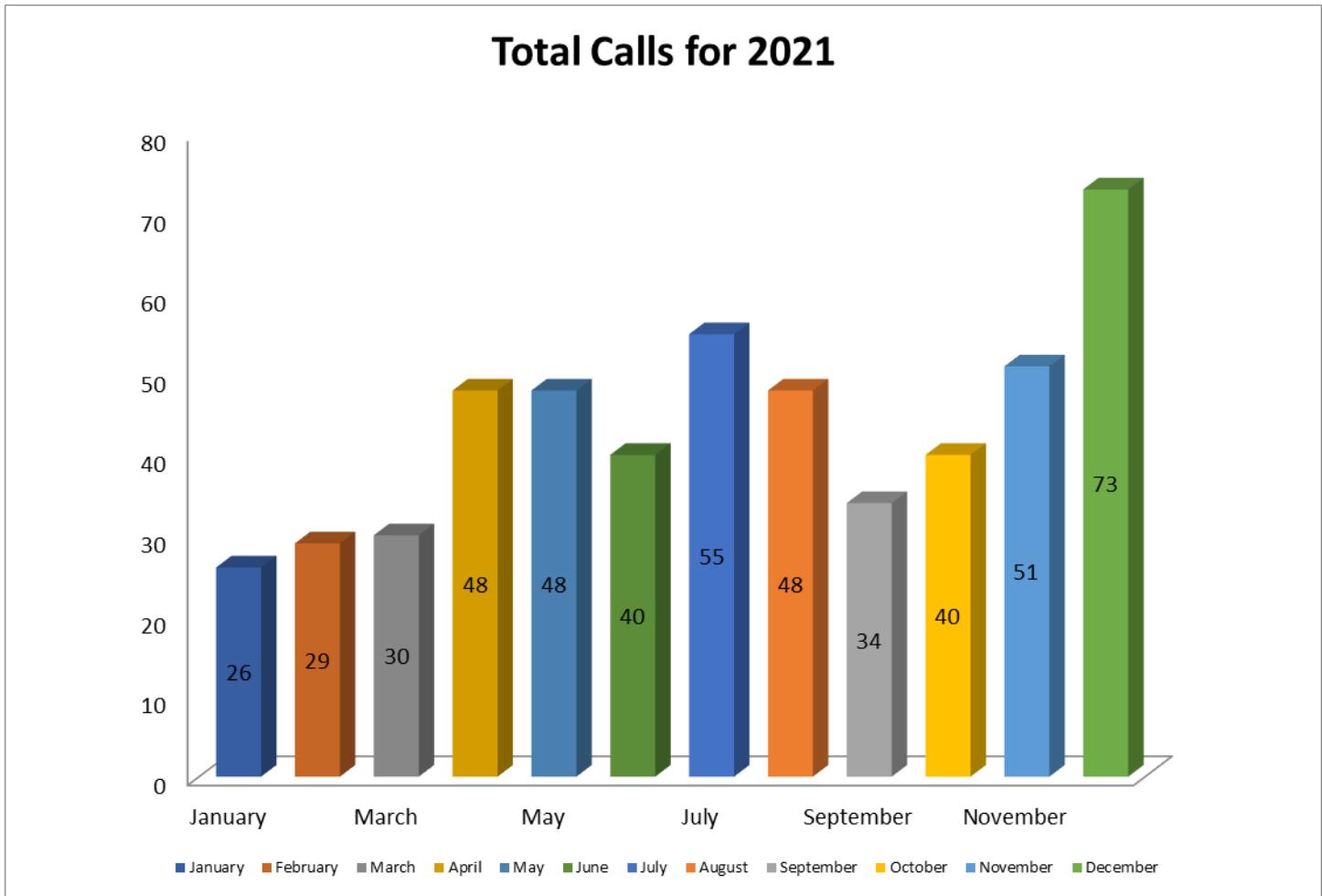


Detailed Related Dollar Losses 2021

Date	Incident #	Address	Type of problem	Total Loss
February 17, 2021	21-0110	321 Ridge Av	Sprinkler System	\$5,000.00
May 9, 2021	21-0303	271 Coe Rd	Brush Fire	\$150.00
July 5, 2021	21-0486	2 Iroquois Dr	Trash Fire	\$300.00
October 25, 2021	21-0795	100 S Park Av	Car Fire	\$25,000.00
December 3, 2021	21-0907	150 Ann St	Rubbish Fire	\$600.00
			Total Loss	\$31,050.00

EMS Division

Emergency Medical Services Call History



Total Calls by Year 1994 to 2021

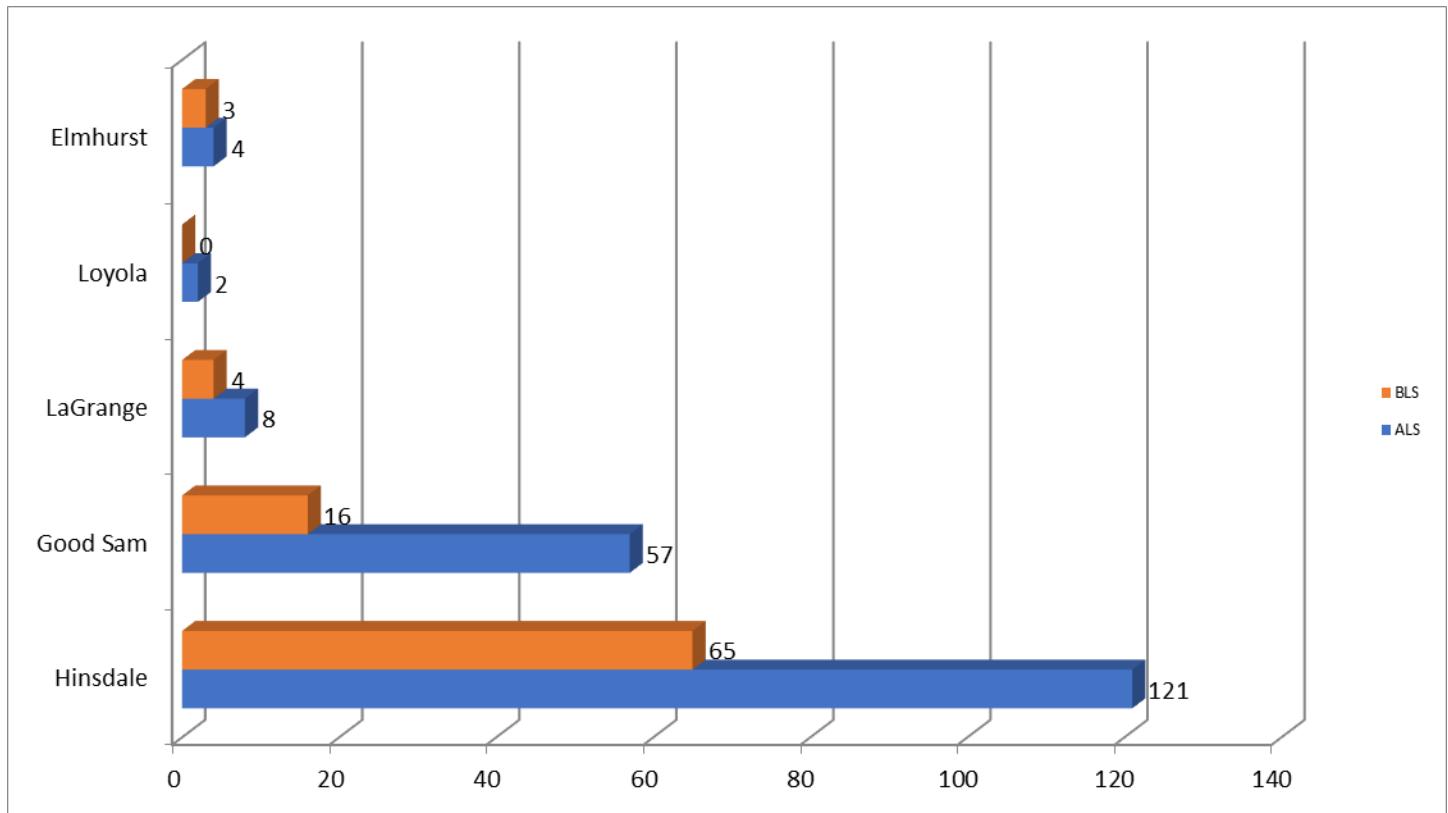
Year	Calls
1994	224
1995	219
1996	221
1997	253
1998	259
1999	292
2000	331

Year	Calls
2001	299
2002	387
2003	399
2004	417
2005	465
2006	431
2007	463

Year	Calls
2008	428
2009	446
2010	449
2011	404
2012	475
2013	488
2014	459

Year	Calls
2015	512
2016	428
2017	533
2018	542
2019	533
2020	458
2021	522

Total Hospital Transports by Level and Hospital for 2021



Non-Transports include (Invalid Assist, Refusals, No Patient, and Mutual Aid Given (No Patient))

Year	Total Advanced Life Support (ALS)	Total Basic Life Support (BLS)	Non-Transport
2011	248	75	81
2012	204	126	94
2013	240	96	93
2014	197	123	104
2015	231	128	106
2016	201	84	104
2017	219	113	130
2018	242	102	108
2019	198	187	91
2020	203	107	89
2021	182	161	111

**The following numbers represent PCR Tablet
(Transported and Invalid Assist) 2016 – 2021**

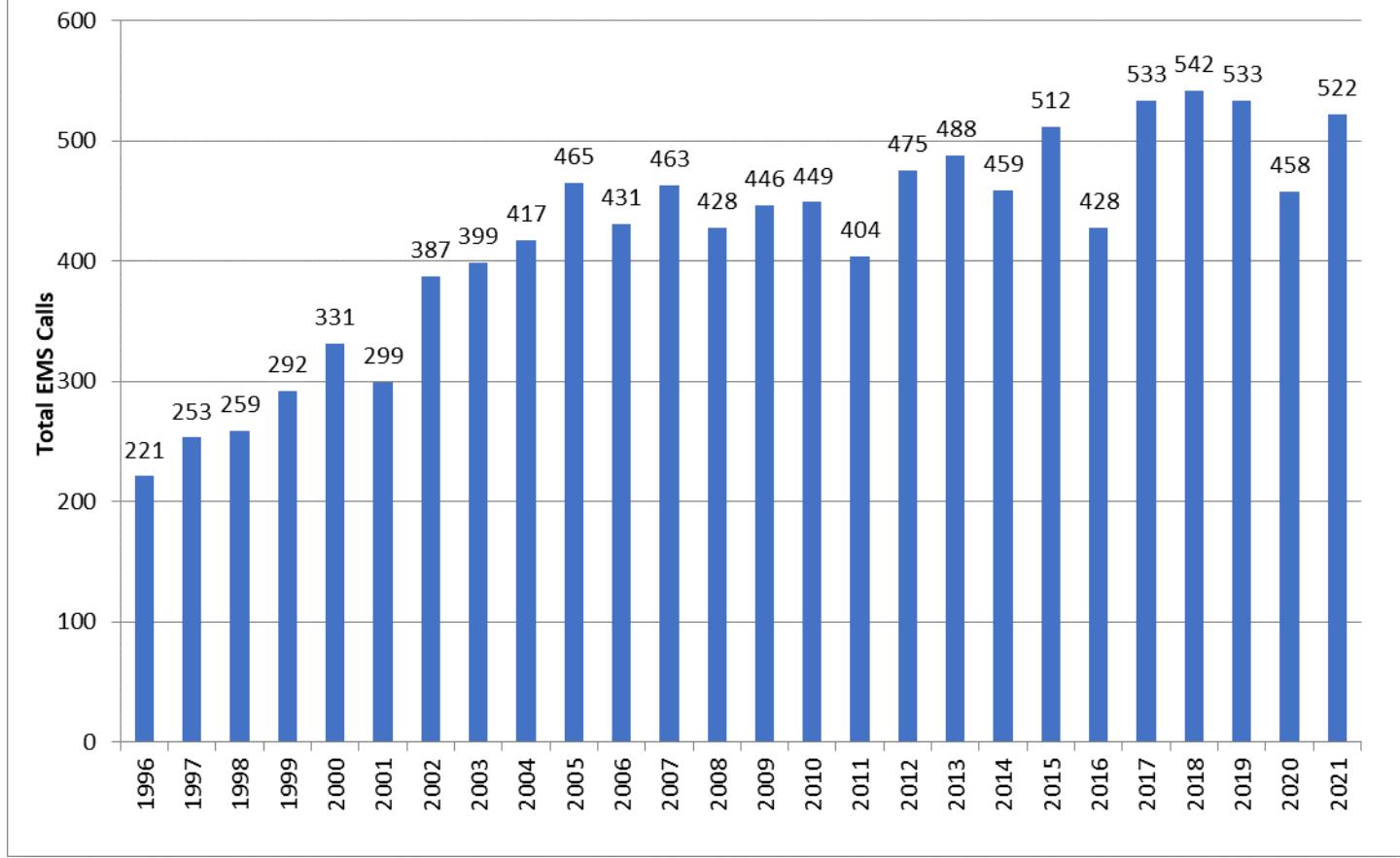
Year	2016	2017	2018	2019	2020	2021
None	24	23	6	8	2	2
Abdominal Pain/Problem	7	13	12	11	13	14
Airway Obstruction / Choking	4	-	4	1	-	-
Allergic Reaction	1	2	-	4	1	3
Altered LOC	15	14	16	1	4	-
Altered Mental Status	-	-	16	17	13	-
Animal Bite	-	-	-	-	-	1
Assault	-	-	-	-	-	2
Back Pain	-	-	-	-	-	8
Behavioral	17	15	28	35	29	20
Bleeding	8	13	-	-	-	-
Breathing Problems	-	-	-	-	-	34
Burns	0	-	-	-	-	1
Cardiac Rhythm Disturbance	2	3	5	10	4	-
Cardiac /Traumatic / Respiratory Arrest	5	3	6	3	4	6
Chest Pain	10	14	16	18	8	12
Choking	-	-	-	-	-	1
Cough	2	2	5	4	2	-
CO / Inhale / Hazmat	-	-	-	-	-	1
COVID-19 (Determined)	-	-	-	-	4	-
COVID-19 (Suspected)	-	-	-	-	9	-
Diabetic Problems (Hypo/Hyper)	8	6	9	3	3	1
Diarrhea	3	4	1	-	1	
Dizziness	-	-	-	-	-	3
Electrocution	-	-	1	-	1	-
ETOH Abuse	12	13	13	5	11	-
Falls	-	-	-	-	-	87
Fatigue	0	4	4	2	2	-
Fever	3	1	3	3	5	-
Fire Other	-	-	-	-	-	1
Flu-Like Symptoms	7	3	-	-	-	-
General Assist	-	-	-	-	-	7
Headache	6	-	8	6	3	2
Heart Problems	-	-	-	-	-	4
Hemorrhage/Lacerations	-	-	-	-	-	9
Hypertension	0	2	6	2	1	-
Hypotension	0	-	1	1	2	-
Hyperthermia	0	-	2	-	-	-
Injured Person	-	-	-	-	-	4
Medical Alarm	-	-	-	-	-	5

Musculoskeletal Injury	24	27	29	42	17	-
MVC	-	-	-	-	-	29
Nausea/Vomiting	4	8	3	4	3	-
Not Known	-	-	-	-	-	2
No Apparent Injury	26	19	62	51	37	-
Non-EMS Assist	3	3	24	7	4	-
Obvious Death / Dead at Scene / DOA	1	5	7	3	8	4
Other Medical	-	-	-	-	-	11
Pain - Back	10	16	10	15	13	-
Pain - Chest	4	3	2	2	5	-
Pain - Extremity	12	11	20	26	12	-
Pain - Eye	0	1	-	-	-	-
Pain - Head	2	7	10	10	5	-
Pain - Muscle	0	-	2	5	2	-
Patient Assist	0	3	1	1	4	24
Poisoning/Drug Ingestion	1	5	8	7	8	7
Pregnant/OB Delivery/Miscarriage	0	-	1	1	-	2
Psychological	6	11	5	6	6	24
Respiratory Arrest	0	-	-	3	-	-
Respiratory Distress / Breathing Difficulty	14	17	18	27	25	-
Seizure	10	5	8	13	9	12
Severe Headache	-	-	-	1	-	-
Sexual Assault / Rape	1	-	-	-	-	-
Sick Person	-	-	-	-	-	53
Smoke Inhalation	0	-	-	-	-	-
Stings / Venomous Bites	1	-	-	-	-	-
Standby	-	-	-	-	-	1
Stroke/CVA	7	4	2	5	6	13
Suicidal Ideations	-	-	-	-	-	2
Suicide	-	-	-	-	-	1
Swelling - Head	-	-	1	-	-	-
Swelling - Lower Limb, Bilateral	-	-	1	1	1	-
Swelling - Lower Limb, left	-	-	-	1	2	-
Swelling - Lower Limb, right	-	-	-	-	1	-
Syncope/Fainting/Dizziness	11	17	18	19	22	24
Traumatic Injury	23	16	7	27	18	3
Unexplained Hemorrhage (Bleeding or Bruising)	-	-	5	5	6	-
Unknown Problem Man Down	-	-	-	-	-	13
Vaginal Bleeding	0	-	1	-	-	-
Vomiting	1	1	3	5	3	-
Weakness	20	20	39	44	53	-
Well-Being Check	2	2	3	8	5	1
Total	317	336	452	473	397	454

Trip Count – Level of Care – 2021

	ALS	BLS	No Patient Care Given	Total
Assist, Agency	0	0	1	1
Assist, Public	0	1	32	33
Canceled - (On Scene - No Patient Found)	0	0	6	6
Canceled - (Prior to Arrival at Scene)	0	0	5	5
DOA - No Resuscitation Attempted	7	0	0	7
DOA - Resuscitation Attempted	1	0	0	1
MPR	0	0	7	7
No Patient(s) Found	0	0	7	7
Patient Evaluated, No Treatment/Transport	1	27	39	67
Patient Non-Impaired Refusal	12	1	0	13
Patient Refused Evaluation/Care (Guardian)	1	1	2	4
Patient Refused Evaluation/Care (No Treatment)	0	2	4	6
Patient Treated, Released (AMA)	0	2	0	2
Patient Treated, Released (per protocol)	0	1	0	1
Patient Treated, Transported by Private Vehicle	0	1	0	1
Patient Treated, Transported by EMS	160	123	0	283
Refused Care, Patient	0	2	8	10
Total	182	161	111	454

Total EMS Calls (Transported / Assist) 1996 to 2021



In 2021, 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

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

COVID-19 Pandemic 2021

With the pandemic still around several procedures are in effect, we limit the number of people in the different rooms in the station, during calls everyone in the station wears a mask of some type: N95 or surgical mask. Medic 86 go through a full cleaning as well as running the UV light for a time frame. All patient and crew members are also required to wear a mask.

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.

STEMI Cardiac Care

We are now performing 12-Lead Monitoring this procedure give us better look at the cardiac issue, these are transmitted to the hospital and if needed these patients can be send to the STEMI Lab for advanced procedures.

Stroke Care

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

Opioid Crisis

Our opioid overdoses have increased greatly, we do have 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 had scheduled more training between police / fire but due to the COVID Crisis these drills where cancelled. We have received our Ballistic Vest and Helmets.

Loyola EMS Coordinators Meetings / Workshop

EMS Coordinator Dave Godek and Asst. EMS Coordinator Jim Weil attend Quarterly Coordinator Meeting as well as Yearly Workshop (2021 Workshop cancelled due to COVID). The Quarterly Meeting includes Loyola Hospital Staff, Associate Hospital and All Loyola Affiliated Department and have changed to Zoom Video Calls due to COVID.

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 Tablet

We have had quarterly ZOLL Tablet updates this year to address issues also all the new SOP's / Drug changes have been loaded. In June 2019 we upgraded to Zoll 6.5. A new Tablet will be purchased in January 2021 and is service.

ZOLL EMS Charts

The Loyola Systems has decided to move from current ZOLL to ZOLL EMS Charts which is a Cloud Based Product. This will be operational in first quarter of 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 hospital to expedite 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 we transmit now a copy goes to Hinsdale Care Point Station, Cath Lab, and the Lt. Jim Weil's email, this is for Hinsdale only.

New EMS Personal

In 2020 we hired (7) new Medic and (2) EMT's

EMS Recertification Classes

All members of the department EMR's EMT's and Paramedics have continued the mandatory number of Continuing Educations hours to be Re-Licensed. This has also been completed using Zoom Video Conference and Moodle (Loyola Online Training). There has been no in person training due to COVID.

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 teacher's and other staff are trained in use of them are also CPR trained.

In 2021 Clarendon Hills CPR/AED classes (new or Re-cert) have been cancelled per AHA Guidelines due to COVID.

2021 EMS Training Summary Report

The following drills (EMS Monthly Drills) are those, which were counted as standard evening training sessions.

Month	Topic
January	Infectious Disease, Sepsis, Allergic Reaction
February	Trauma
March	Obstetrics and The Newly Born
April	Stroke, Syncope and Bariatric
May	Cardiac Arrest
June	In-House Training (No Region 8 Subject Area)
July	In-House Training (No Region 8 Subject Area)
August	Elderly and Violence
September	Diabetes, Burns and Mag Sulfate
October	Pediatric Trauma
November	In-House Training (No Region 8 Subject Area)
December	Annual CPR Training (Department Wide)

Public Services/Education **Fire Prevention Division**

In 2021, due to COVID no fire station tours Fire/Life Safety Talks to Boy / Girl Scout, Cub, Brownie Troops, and other groups. Also, all events: Clarendon Hills Christmas Walk, Daisy Days, Daisy Dash, Ice Cream Socials at Prospect and Walker School, Blackhawks Heights and Stonegate Halloween Parades and several Block Parties where all cancelled. We did do drive by with Ladder and Ambulance for Birthday Parties.

Due to COVID all Fire Prevention presentation and our Annual Fire Department Open House was cancelled.

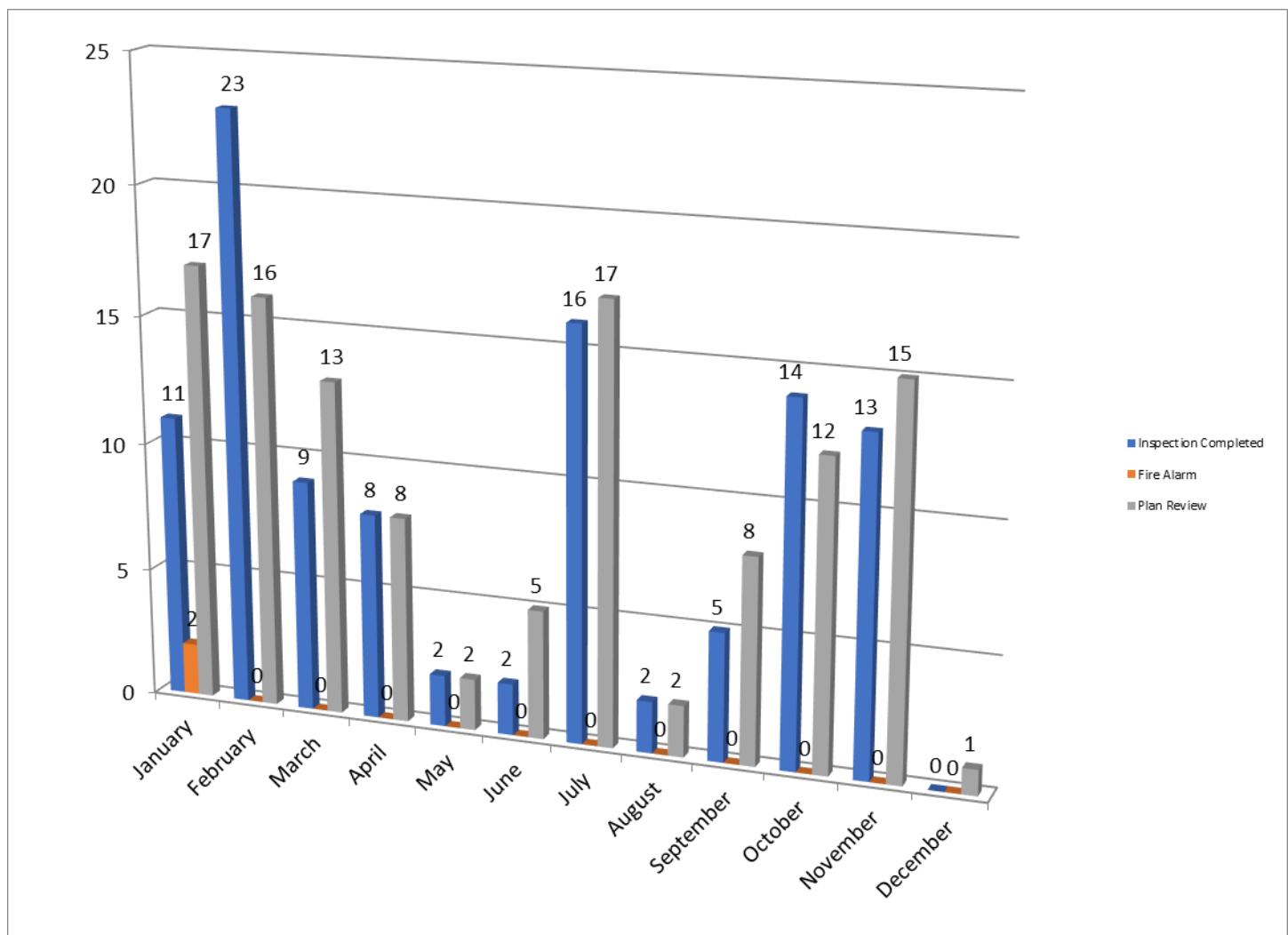
During 2020 Clarendon Hills Fire Prevention Officer David Godek conducted the following inspectional duties:

Annual Fire and Life Safety Inspections	134
Keltron Fire Radio (maintained)	155
Fire Violations – Adjudication Hearing Process	12
Final Occupancy Inspections	7
Plan Reviews	70
New Fire Alarm System Inspections	1
Voluntary Single Family Sprinkler System Tests	0
Code Enforcement	161

Detailed Related Dollar Losses 2021

Date	Incident #	Address	Type of problem	Total Loss
February 17, 2021	21-0110	321 Ridge Av	Sprinkler System	\$5,000.00
May 9, 2021	21-0303	271 Coe Rd	Brush Fire	\$150.00
July 5, 2021	21-0486	2 Iroquois Dr	Trash Fire	\$300.00
October 25, 2021	21-0795	100 S Park Av	Car Fire	\$25,000.00
December 3, 2021	21-0907	150 Ann St	Rubbish Fire	\$600.00
			Total Loss	\$31,050.00

Total Inspections, Fire Alarm and Plan Review by Month for 2021



Total Inspections conducted by Fire Prevention Staff for 2021

Month	Inspection Completed	Fire Alarm	Plan Review
January	11	2	17
February	23		16
March	9		13
April	8		8
May	2		2
June	2		5
July	16		17
August	2		2
September	5		8
October	14		12
November	13		15
December	0		1
Totals	105	2	116

Fire Inspection Violations 2014 – 2021

Violation Found	2014	2015	2016	2017	2018	2019	2020	2021
Automatic sprinkler controls blocked	-	2	2	1		1		1
Automatic sprinkler needs to be inspected	-			5				
Automatic sprinkler system requires maintenance	11	3				1	2	
Auto Doors Provide, Repair or Replace Auto Door Closers	-	-	1		1	1		
Boiler certification expired or missing	5	1	1	2	1	1		
Building key(s) require updating	-	2	-					
Ceiling requires repairs	6	4	2	2	4	2	3	4
Combustibles are stored too close to heat source(s)	5	1	1			2		
Electric plug, switch or breaker replaced	1	2	1	1			2	
Electrical components require repair or replacement	7			1	1	1	1	
Electrical panels must be kept closed and area clean	24	9	5	5	3	10	1	2
Emergency light(s) needed, or unit(s) require repair/replacement	76	39	35	34	34	34	18	20
Exit door(s) Blocked	9	1	3	5	7	7	1	5
Exit door(s) Blocked while occupied	3	1	1			1		2
Exit door(s) require repair/replacement	1	1		1				
Exit door(s) shall not be key lockable from the inside	-							
Exit sign(s) must be working when premises are occupied	43	21	19	15	11	11	14	10
Exit sign(s) missing or need to be repaired	5	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	12	6	5	3	2	4	2	3
Elevator Controls / Disconnect accessible	5	2	3	2		5		1
FDC/Sprinkler/Standpipe blocked or not accessible	-				1			
Fire alarm control panel not accessible	-							
Fire alarm device requires repair	18	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	1	2			1		2	

Fire extinguisher(s) are due or past due for annual certification	25	21	16	19	4	17	15	18
Fire extinguisher(s) type, are not accessible or properly mounted	19	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	1	2		3				
Fire suppression system (kitchen) overdue for certification	2	1		1				1
Flammable liquids must be kept in an approved metal cabinet	2		2	2				
Gas Cylinder not chained or secured	8	10	6	5	4	3	4	1
Heat detector(s) not working	2			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	-		2				
Knox box required by Village Ordinance / Keys Current	8		5	2	7	1		1
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	7	3		3	3	2	2	
MSDS sheets not posted	1	1	1	2				
Sign(s) prohibiting smoking must be posted & enforced	-							
Smoke detector(s) not working	-				2	2		
Sprinkler/Standpipe flow switch not supervised	-							
Storage must be kept neat and orderly	7	1	1		1			
Utility shut off not accessible for emergency access	45	23	5		2	3	1	1
Repair holes in walls, ceiling, or floors	5	1	2		1	1		
Totals Violations per Year	366	206	131	135	98	126	77	80

DESCRIPTION OF TRAINING & TRAINING HIGHLIGHTS FOR 2021

- The Clarendon Hills Fire Department conducts fire training every first, third and fourth Wednesday evenings of each month. We conduct EMS re-certification training every second Wednesday 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 to regular department training the department conducts or takes part in many specifically scheduled outside training events which may be conducted by our instructors or an outside instructor/agency at different locations. 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 hours of Regulatory training using our Target Solutions Web Training Site during 2021.
- In 2021 the Covid Pandemic Continues to effect how we train as we take precautions in our training exercises. Much precaution and extreme limitations were introduced last year for the first time ever to the way we train and respond to calls. We continue to take those precautions throughout 2021 and into 2022
- All recruit firefighters must be certified in Firefighter Basic Operations, Hazardous Materials, NIMS, Courage to be Safe, Fire Service Vehicle Operator and EMT in his/her first couple years of service. 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.
- The State of Illinois has re-written the objectives of the firefighter certification program to stay current to today's standards. Firefighter II & III has been replaced with Basic & Advanced firefighter Operations certifications. Additional certifications such as Courage to be Safe, Fire Service Vehicle operator, NIMS and Vehicle and Machinery Operations is needed to complete these Certifications.
- In 2021 the Clarendon Hills and Hinsdale Fire Departments continue sharing services by completing mutual training drills. Many live training drills were done in union. Our departments continue to work together in meeting procedure and training goals. In late 2021 auto response has increased to Westmont and more mutual training will be conducted between the two departments.

- 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. All new recruits must attend live fire training before being approved to enter a hazardous atmosphere. 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 quarterly training events & annual symposium to all members every year.
- The Clarendon Hills Fire Department continues to enforce policies and procedures which include our Health and Wellness policy. The fire department also adopted an ability course which will be used to test our firefighters annually. The ability course will be used to test all new recruits as well. There are of course many benefits of this policy to keep our firefighters fit and an expanded program for firefighter fitness and wellness.
- Since 9-11 the Federal government had established required National Incident Management System training that must be provided for every firefighter, village employee and elected officials. Training/certifications is mandated by the federal government. The amount of training that each village employee must have depends on his/her rank and position in the village. If Clarendon Hills wants to receive financial aid / grants from the government in the event of a disaster we must prove that our employees are updated in their training, and we are compliant. In 2021 we continue to work on compliance.
- The Clarendon Hills Fire Department takes driving its vehicles very seriously. There is a lot of responsibility when driving the fire apparatus. The second leading cause of firefighter death every year is from driving incidents. Driver operators must have basic certified firefighter training and then take part of at least 10 hours of initial driver training 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.
- The Clarendon Hills Fire Department Open House for the public is held in October during fire prevention week is a main event to educate the residents and let them see first-hand the station, equipment, firefighter skills and ask any questions they may have about their fire department. Hinsdale and Clarendon Hills Assisted with both open houses. In 2021 we had to cancel our open house due to Covid.

- 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 2021 annual training is held and any new hire must complete training
- In August of 2017 the Illinois State Fire Marshal Had set a new mandate for Hazmat 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.
- These highlights of training only highlight a part of firefighter training conducted at the Clarendon Hills Fire Department despite the challenges of the Covid-19 pandemic in 2020-21. It is the Clarendon Hills Fire Department’s goal to keep all firefighters updated on their knowledge/skills and to always keep them safe while assisting the residents of the community of Clarendon Hills during an emergency and return safely from every incident.

2021 DEPARTMENT REGULATORY TRAINING

January	NFPA 1021 Incident Response Safety
February	Trench & Shoring
March	Hearing Conservation
April	NFPA 1851 Cancer Risks
May	NFPA Hazwoper Awareness Mod 1
June	NFPA Hazwoper Awareness Mod 2
July	NFPA Hazwoper Awareness Mod 3
August	NFPA Hazwoper Awareness Mod 4
September	NFPA 1001 Building Construction
October	Blood Borne Pathogens
November	Confined Space
December	Fire Service Health & Safety

2021 REGULAR DEPARTMENT EVENING TRAINING

MONTH	EVENING TRAINING SUBJECT
January	Search & Rescue / PPE / Decontamination
January	Company Pre-plans
January	Fire Service Institute Class – Thermal Cameras
February	Company Officer Pre-plans
February	Tools & Equipment
February	RIT Operations & Mayday
March	FSI Coordinated Fire Attach
March	Company Practical's
March	Engine / Ladder Relays
April	Stihl Chainsaws by Stihl Rep
April	New MSA SCBA – In service
April	MSA SCBA in service training
May	RIT Operations / Airbags / Tools
May	Pumping / Ladders
May	Ladders
June	Hose & Appliances
June	Master Streams
June	Quick water drills
July	Mutual training Engine/Ladder relays
July	Mutual Training- MSA vs Scott SCBA
July	Company Practical's
August	Village addresses / Locations drill
August	Skid Loads
August	Company JPR's
September	RIT Ops / RIT Skids
September	SCBA -PPE- RIT
September	Live RIT Ops Training - Hinsdale
October	NFPA 1410- 9
October	Company Skills
October	MABAS RTF Training
November	Humbler in-service / Forcible Entry
November	Engine / Truck relays
December	NFPA 1410 Evolutions
December	Safety – End year training

2021 DEPARTMENT SCHEDULED OUTSIDE TRAINING

OUTSIDE/DAYTIME TRAINING SUBJECT
MABAS Division Ten Training Officers/ ISO-SSO Train
MABAS Ten Chiefs
MABAS Ten Haz-Mat Training
MABAS Ten Investigator's
Village/Department Safety meetings
MABAS Division Ten Training
Village Quarterly Safety Meetings/IRMA
Driver Training and Evaluations
Class B Non-CDL Road Tests
MABAS Haz-Mat Training – Annual Drill
NIMS Training
IRMA Quarterly Meetings
IRMA Regulatory Training
Mutual Training and Meetings
Recruitment & Retention Training
IMAT Training
Romeoville Academy – Recruit
Firefighter Academy Romeoville / Riverside -- Live Fire Training
Pre Plans- Tactical Walks
Company Pre-Plans
Target Solutions On-line Training
Ladder / Pump
Recruit Training
Live Tower Training DAWD
New Firefighter Training
MSA In-Service Training
Humbler in-service training
Parade Details
Fireworks Detail
Company Shift pre-plans
EMS Company Shift training