

CLARENDON HILLS FIRE DEPARTMENT



2020



ANNUAL REPORT

This year was very challenging year for the Clarendon Hills Fire Department. Due to the COVID-19 Pandemic Fire call volume numbers are down and EMS numbers are up. Along with responding to Fire, EMS and Rescue emergencies, the Fire Department performed many other functions for the citizens of Clarendon Hills. Our staffing changed in from 3 people to 4 people (2) Firefighter/EMT's and (2) Firefighter/Medics per shift 7 days a week.

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.

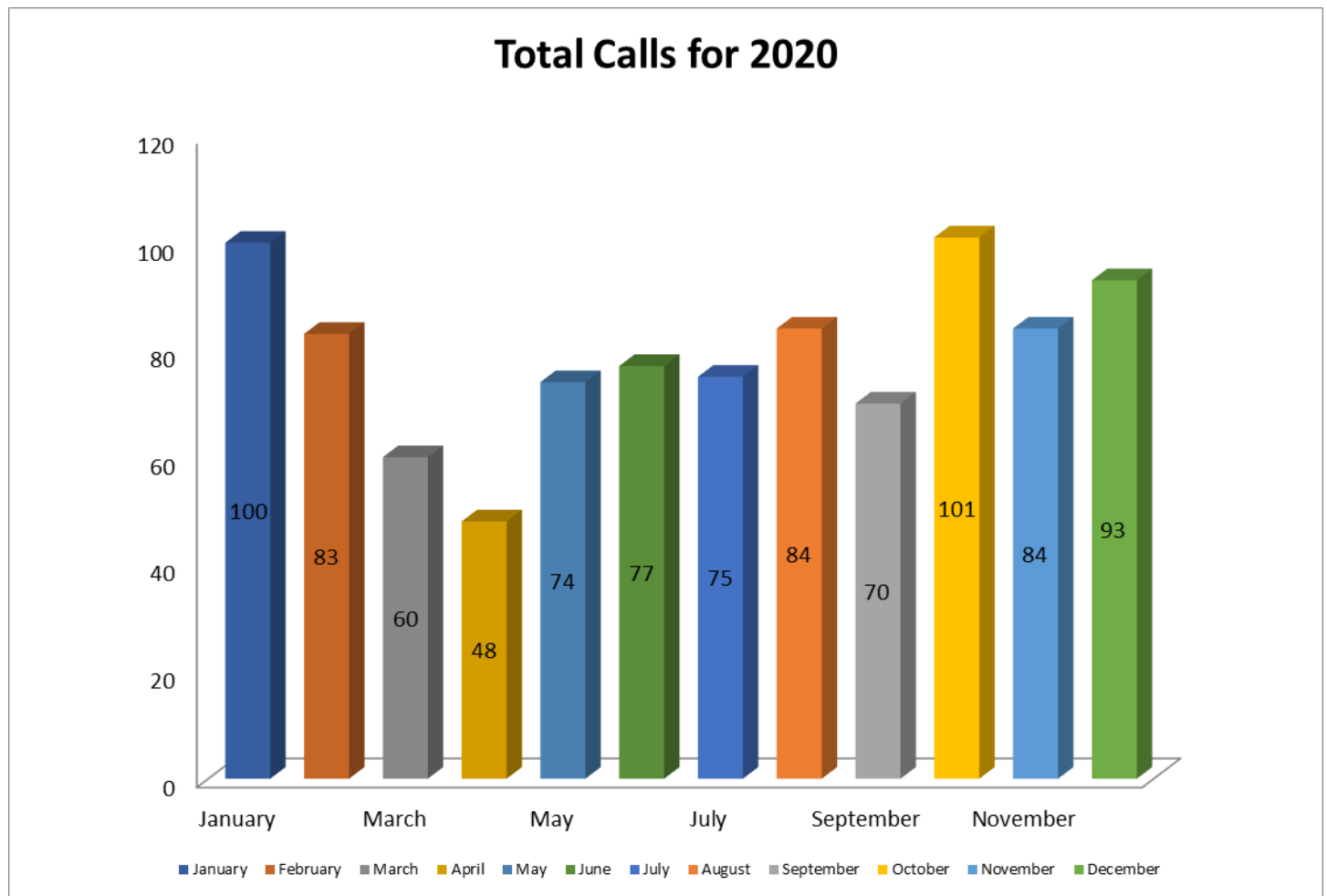
Improvements were made to the station alerting system by adding message boards, large displays that show call information and alerting speakers within the station. This ties into County Wide Dispatch System.

The Clarendon Hills Fire Department responded to 949 calls for emergency service in 2020. This total includes requests for both Fire and EMS service as well as activated fire alarms. The daily call average for 2020 was 2.6 calls per day.

Fire/Rescue call response emergencies were 532 (50.4%); Ambulance call response emergencies were 383 (36.3%) and Trouble Alarm investigations were 149 (14.1%) 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 2020 there were (0) firefighters injured during an emergency call. There was (0) civilian injuries and (0) deaths because of a fire.

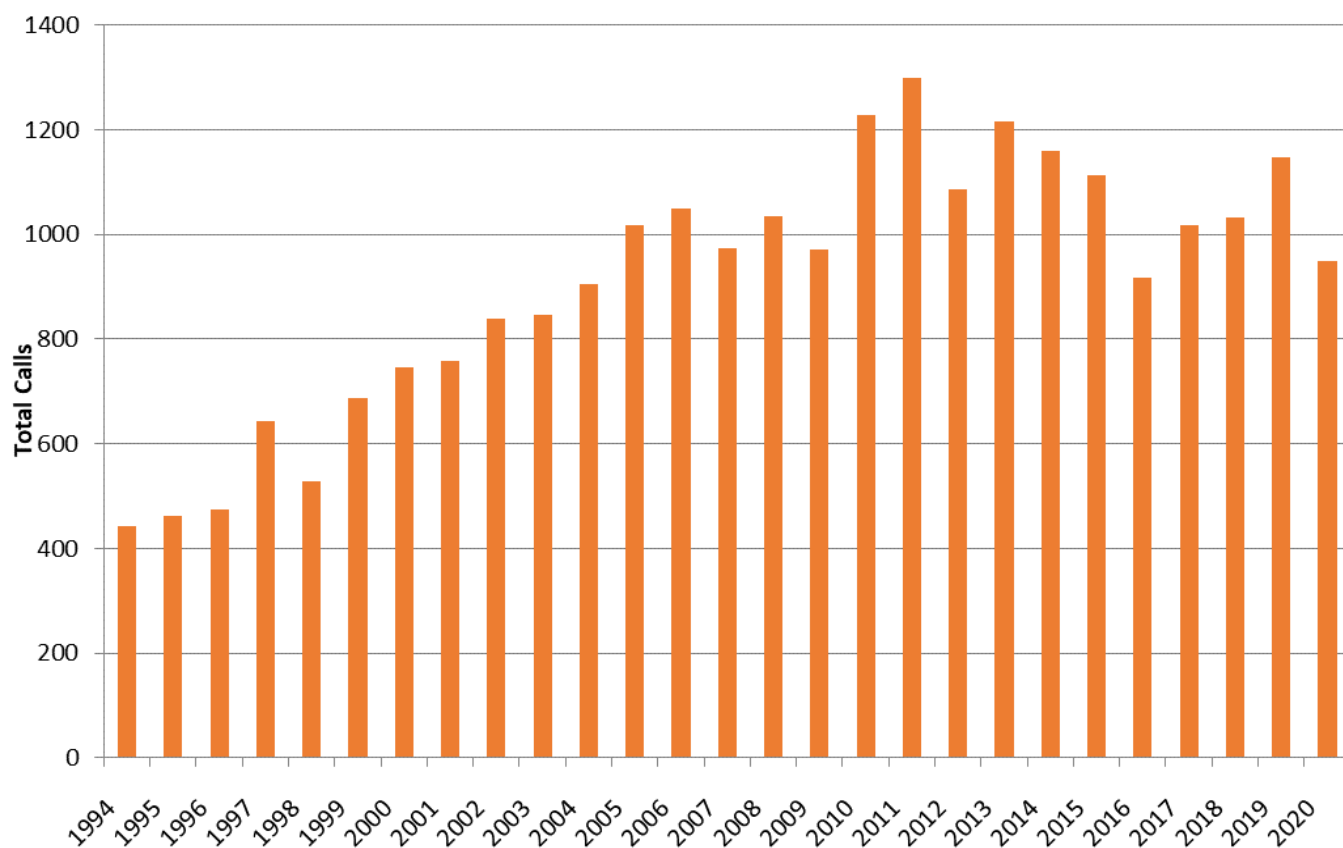
The following graphs and other statistics listed in this document provide a breakdown of all services provided to the public by the Clarendon Hills Fire Department in 2020.



Total Calls by Year 1992 to 2020

Year	Calls	Year	Calls	Year	Calls	Year	Calls
1993	440	2000	746	2007	974	2014	1160
1994	442	2001	758	2008	1035	2015	1114
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

Total Emergency Responses from 1994 to 2020



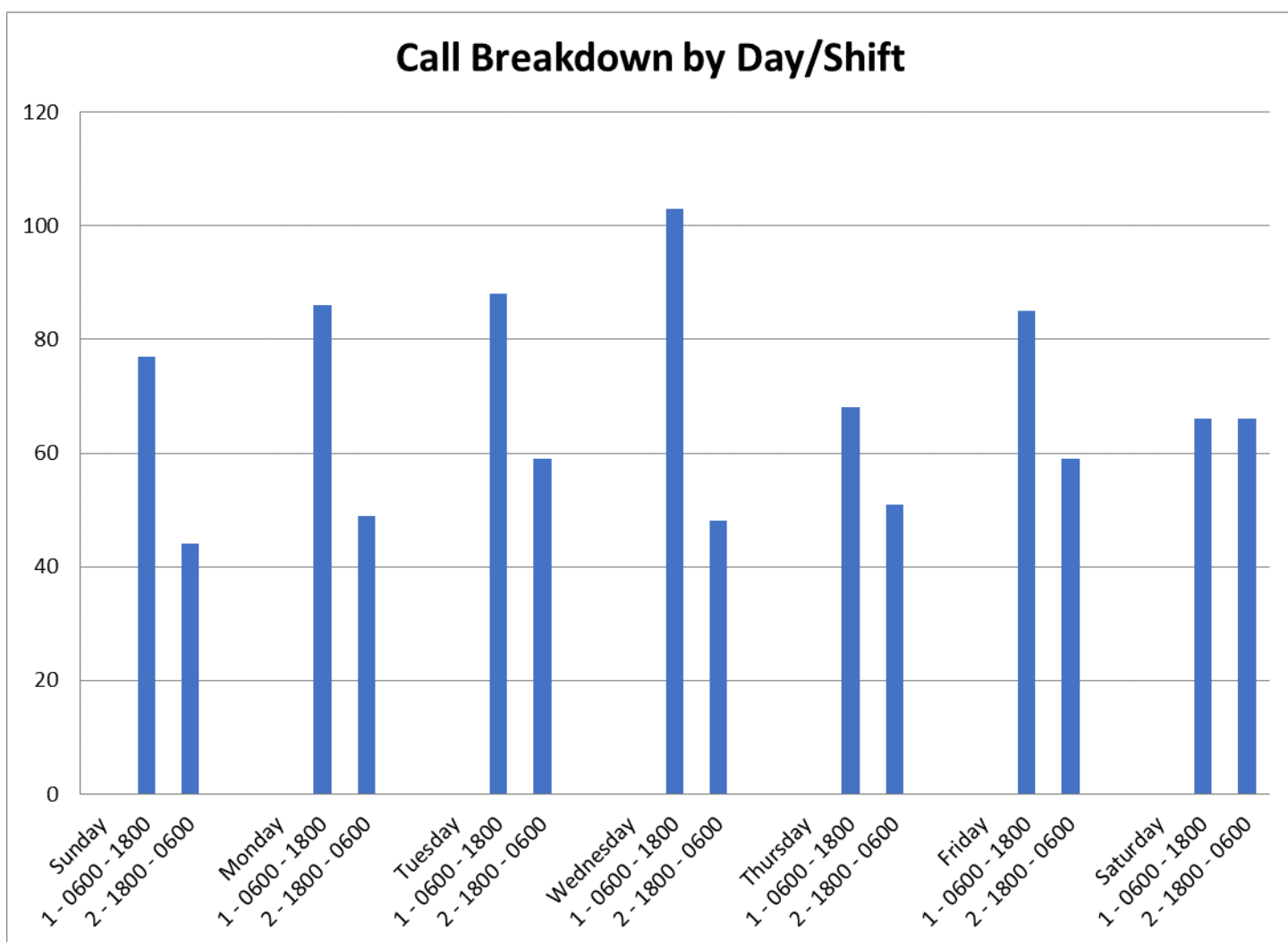
Incidents Type between 2012 and 2020

Incident Type Period Comparisons	2012	2013	2014	2015	2016	2017	2018	2019	2020
Incident Type									
100 Fire, Other	0	1	0	1	0	0	0	0	0
111 Building fire	1	2	1	5	5	3	2	3	5
112 Fires in structure other than in a building	0	0	0	1	2	1	0	0	0
113 Cooking fire, confined to container	1	3	0	1	1	1	1	0	0
114 Chimney or flue fire, confined to chimney or flue	1	0	0	0	0	1	0	0	0
116 Fuel burner/boiler malfunction, fire contained	0	1	0	0	0	1	0	0	0
118 Trash or rubbish fire, contained	1	1	0	0	0	0	0	1	0
130 Mobile property (vehicle) fire, Other	0	0	0	0	0	0	0	0	0
131 Passenger vehicle fire	1	2	1	0	1	0	0	0	0
132 Road freight or transport vehicle fire	0	0	0	0	0	0	0	1	1
140 Natural vegetation fire, Other	0	0	0	1	0	0	0	0	1
142 Brush or brush-and-grass mixture fire	1	1	1	1	1	2	0	1	1
143 Grass Fire	1	0	0	0	1	0	0	0	0
150 Outside rubbish fire, Other	1	2	1	0	0	0	0	0	0

151 Outside rubbish, trash, or waste fire	1	2	1	1	0	3	0	2	1
154 Dumpster or other outside trash receptacle fire	1	0	3	0	1	1	0	0	0
160 Special outside fire, Other	1	1	0	0	1	0	0	4	0
161 Outside storage fire	0	0	0	0	0	1	0	0	0
162 Outside equipment fire	1	2	1	1	0	1	0	0	3
173 Cultivated trees or nursery stock fire	0	0	0	0	0	0	0	0	0
200 Overpressure rupture, explosion, overhear	0	0	0	0	0	0	0	0	1
300 Rescue, EMS incident, other	0	0	0	1	0	0	0	0	0
311 Medical assists, assist EMS crew	0	5	0	0	0	0	0	2	0
320 Emergency medical service, other	0	1	0	1	0	0	0	1	0
321 EMS call, excluding vehicle accident with injury	427	414	389	422	356	434	450	443	399
322 Motor vehicle accident with injuries	20	23	15	36	31	27	36	36	15
323 Motor vehicle/pedestrian accident (MV Ped)	3	8	3	1	1	3	5	2	1
324 Motor Vehicle Accident with no injuries	10	15	23	14	9	17	14	23	11
331 Lock-in (if lock out, use 511)	0	0	1	0	0	0	0	0	0
350 Extrication, rescue other	0	0	0	0	0	0	0	0	0
351 Extrication of victim (s) from	0	0	0	0	1	0	0	0	0
352 Extrication of victim (s) from vehicle	0	0	0	0	0	0	0	1	0
353 Removal of victim(s) from stalled elevator	1	5	3	3	3	2	3	1	1
357 Extrication of victim(s) from machinery	0	0	0	0	0	0	0	0	0
360 Water & ice-related rescue, other	0	1	0	0	0	0	0	0	0
400 Hazardous condition, Other	0	0	0	0	0	0	1	0	0
410 Combustible/flammable gas/liquid condition	0	0	0	1	1	0	0	0	0
411 Gasoline or other flammable liquid spill	2	1	0	2	2	3	1	1	0
412 Gas leaks (natural gas or LPG)	21	15	21	18	23	25	21	22	26
413 Oil or other combustible liquid spill	0	0	0	0	0	0	0	1	0
421 Chemical hazard no spill or leak)	0	0	0	0	0	0	0	0	1
422 Chemical spill or leak	0	0	0	0	0	0	0	0	0
423 Refrigeration leaks	0	0	0	0	0	0	0	0	1
424 Carbon monoxide incidents	2	9	3	4	8	3	2	4	5
440 Electrical wiring/equipment problem, Other	2	2	2	0	2	1	0	4	1
441 Heat from short circuit (wiring), defective/worn	0	2	0	1	1	3	0	4	1
442 Overheated motor	2	1	6	0	2	3	0	4	1
443 Breakdown of light ballast	1	0	1	0	0	0	0	0	1
444 Power line down	6	10	8	15	13	14	20	29	17
445 Arcing, shorted electrical equipment	7	6	8	6	7	2	3	5	5
463 Vehicle accident, general cleanup	1	0	0	0	0	0	0	0	0
500 Service Call, other	0	1	1	1	0	0	0	0	1
510 Person in distress, Other	1	0	1	0	0	0	0	0	0
511 Lock-out	3	9	5	7	9	9	8	14	11
512 Ring or jewelry removal	0	0	0	0	0	0	0	0	1
520 Water problem, Other	0	10	0	0	0	0	0	1	0

521 Water evacuation	0	4	0	0	0	0	0	0	0
522 Water or steam leak	4	4	7	1	5	3	11	9	3
531 Smoke or odor removal	17	10	7	15	20	2	12	7	5
541 Animal problem	0	0	3	1	0	0	2	0	0
542 Animal rescues	0	0	0	1	0	0	1	0	0
550 Public service assistance, Other	1	0	0	1	0	0	0	0	0
551 Assist police or another governmental agency	1	1	4	0	7	2	1	1	1
552 Police matter	0	1	5	1	1	1	2	0	4
553 Public service	2	7	6	4	8	4	0	3	3
554 Assist invalids	15	16	25	34	27	50	37	28	32
555 Defective elevators, no occupants	0	0	0	2	2	1	0	0	0
561 Unauthorized burning	0	0	0	4	1	1	0	1	0
571 Cover assignment, standby, move up	284	327	316	295	159	210	223	313	225
600 Good intent call, Other	0	0	0	1	0	0	0	0	1
611 Dispatched & cancelled in route	2	5	3	0	1	7	9	4	3
621 Wrong location	0	4	1	0	0	0	0	1	0
622 No Incident found on arrival at dispatch address	3	3	7	2	1	9	15	2	3
631 Authorized controlled burning	1	0	0	1	0	0	1	1	1
632 Prescribed fire	0	0	0	0	2	0	0	0	0
650 Steam Other gas mistaken for smoke, Other	1	0	0	1	0	0	1	0	0
651 Smoke scare, odor of smoke	2	2	1	0	0	1	10	0	1
652 Steam, vapor, fog, or dust thought to be smoke	0	0	2	2	1	0	0	2	1
653 Smoke from barbecue, tar kettle	0	0	0	0	0	0	0	0	1
661 EMS call, party transported by non-fire agency	0	0	0	1	1	2	1	0	0
671 HazMat release investigation w/no HazMat	1	0	0	0	0	0	0	0	0
700 False alarm or false call, Other	0	1	0	0	0	0	0	0	0
710 Malicious, mischievous false call, Other	0	2	0	1	0	0	0	1	0
711 Municipal alarm system, malicious false alarm	0	1	0	0	1	0	0	1	0
713 Telephone, malicious false alarm	0	0	1	1	0	0	0	0	0
715 Local alarm system, malicious false alarm	0	0	0	0	0	0	0	0	1
730 System malfunctions, Other	1	2	0	0	0	0	0	0	0
7301 Trouble Fire Alarm - Due to System Malfunction	81	103	90	113	68	34	18	29	18
731 Sprinkler activation due to malfunction	0	2	0	1	2	0	3	0	1
733 Smoke detector activation due to malfunction	13	7	18	13	12	6	14	8	11
734 Heat detector activation due to malfunction	2	1	9	1	0	1	2	4	6
735 Alarm system sounded due to malfunction	25	14	20	18	17	14	12	15	11
7351 Residential Fire Alarm - System Malfunction	8	7	8	14	13	10	5	13	3
736 CO detector activation due to malfunction	22	36	26	20	12	13	19	13	13
740 Unintentional transmission of alarm, Other	2	0	0	0	1	1	1	0	1
7401 Trouble Fire Alarm - TX Line/Human Error	9	14	12	11	13	2	0	4	2
741 Sprinkler activation, no fire - unintentional	2	3	6	1	0	0	0	1	0
743 Smoke detector activation, no fire - unintentional	32	30	24	28	23	26	21	41	29

744 Detector activation, no fire - unintentional	5	4	9	11	7	7	4	6	6
745 Alarm system activation, no fire - unintentional	19	26	31	21	12	13	18	8	17
7451 Residential Fire Alarm - Unintentional Human Error	9	11	17	18	14	23	18	23	24
746 Carbon monoxide detector activation, no CO	1	4	1	2	4	2	3	0	6
800 Severe weather or natural disaster, Other	0	0	0	0	0	0	0	0	0
812 Flood assessment	0	4	0	0	0	10	0	3	3
813 Windstorm, tornado/hurricane assessment	0	0	0	0	0	1	0	3	1
814 Lightning strike (no fire)	0	1	2	0	0	0	0	0	0
815 Severe weather or natural disaster standby	0	2	0	0	0	0	0	0	0
900 Special type of incident, other	0	1	0	0	0	0	0	0	0
Totals	1289	1086	1216	1160	1114	1017	1031	1155	949



Call Breakdown by Day of Week / Shift

Day / Shift	Counts	Percent %
Sunday		
1 - 0600 - 1800	77	13.43%
2 - 1800 - 0600	44	11.70%
Monday		
1 - 0600 - 1800	86	15.00%
2 - 1800 - 0600	49	13.03%
Tuesday		
1 - 0600 - 1800	88	15.35%
2 - 1800 - 0600	59	15.69%
Wednesday		
1 - 0600 - 1800	103	17.97%
2 - 1800 - 0600	48	12.76%
Thursday		
1 - 0600 - 1800	68	11.86%
2 - 1800 - 0600	51	13.56%
Friday		
1 - 0600 - 1800	85	14.83%
2 - 1800 - 0600	59	15.69%
Saturday		
1 - 0600 - 1800	66	11.51%
2 - 1800 - 0600	66	17.55%

Fire Suppression Call History

Totals Emergencies Fire Responses = 583

In 2020, 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 **51** times

Auto Aid Given Response occurred **226** times

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

Mutual Aid Received **32** times

Auto Aid Received **202** times

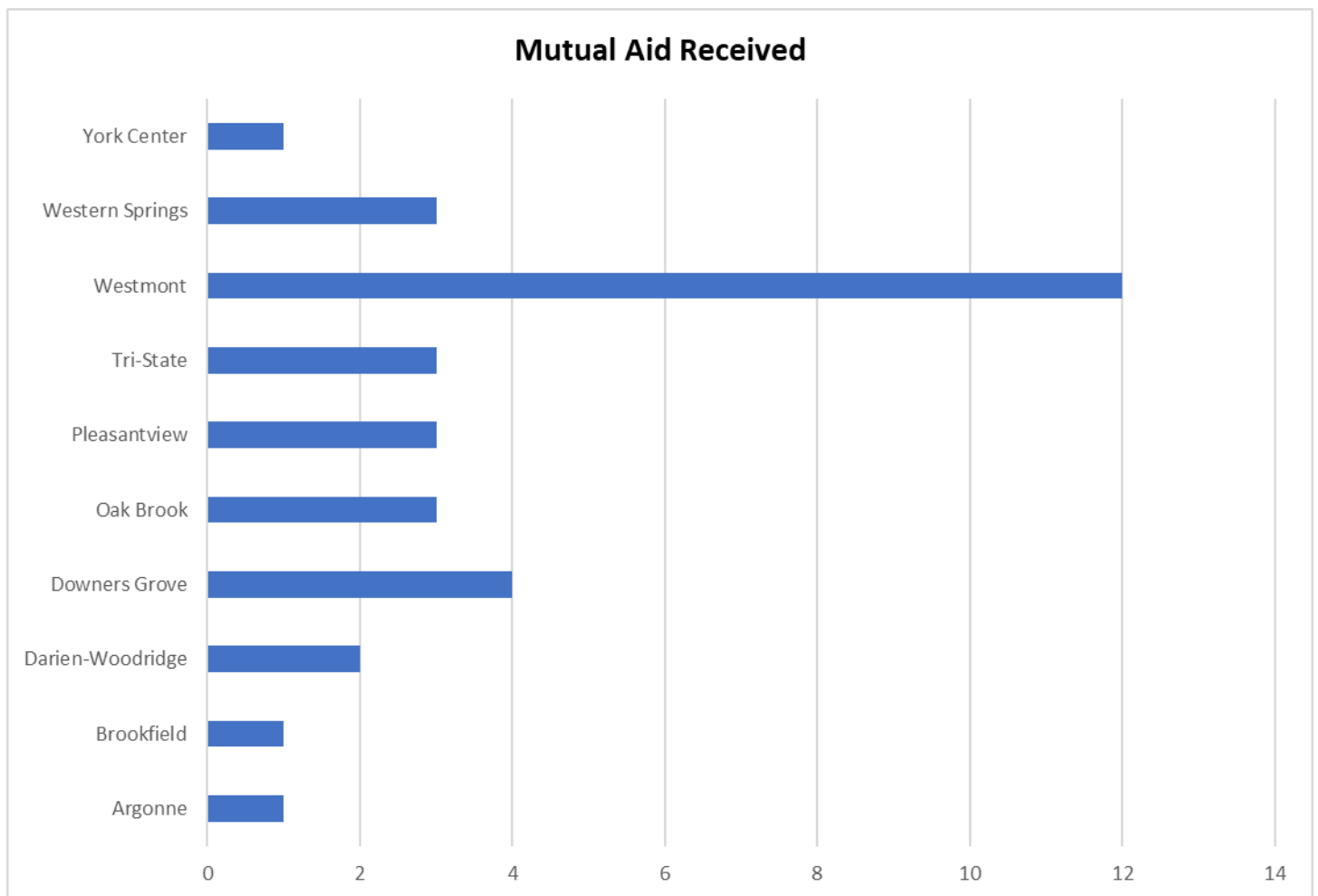
Clarendon Hills Fire Department Incident Type Report (Summary) (By Shift)

Incident Type	Category	Count	Pct of Incidents	Total Est Loss	Pct of Losses	Shift 1 06:00 - 18:00	Shift 2 18:00 - 06:00
1	Fire						
111	Building Fire	5	0.52%	\$230,500.00	99.31%	1	4
132	Road freight or transport vehicle fire	1	0.10%	\$0.00	0.00%	1	
140	Natural vegetation fire, Other	1	0.10%	\$0.00	0.00%		1
142	Brush or brush-and-grass mixture fire	1	0.10%	\$0.00	0.00%		1
151	Outside rubbish, trash, or waste fire	1	0.10%	\$0.00	0.00%		1
162	Outside equipment fire	3	0.31%	\$0.00	0.00%		3
		12	1.26%	\$230,500.00	99.31%		
2	Overpressure Rupture, Explosion, Overheat (no fire)						
200	Overpressure rupture, explosion, overheating	1	0.10%	\$1,600.00	0.68%	1	
		1	0.10%	\$1,600.00	0.68%		
3	Rescue & Emergency Medical Service Incident						
321	EMS call, excluding vehicle accident w/injury	399	42.04%	\$0.00	0.00%	243	156
322	Motor vehicle accident w/injury	15	1.58%	\$0.00	0.00%	10	5
323	Motor vehicle/pedestrian accident (MV Ped)	1	0.10%	\$0.00	0.00%	1	
324	Motor vehicle accident with no injuries	11	1.15%	\$0.00	0.00%	7	4
353	Removal of victim(s) from stalled elevator	1	0.10%	\$0.00	0.00%	1	
		427	44.99%	\$0.00	0.00%		
4	Hazardous Condition (No Fire)						
412	Gas leak (natural gas or LPG)	26	1.91%	\$500.00	0.11%	15	11
421	Chemical hazard (no spill or leak)	1	0.10%	\$0.00	0.00%	1	

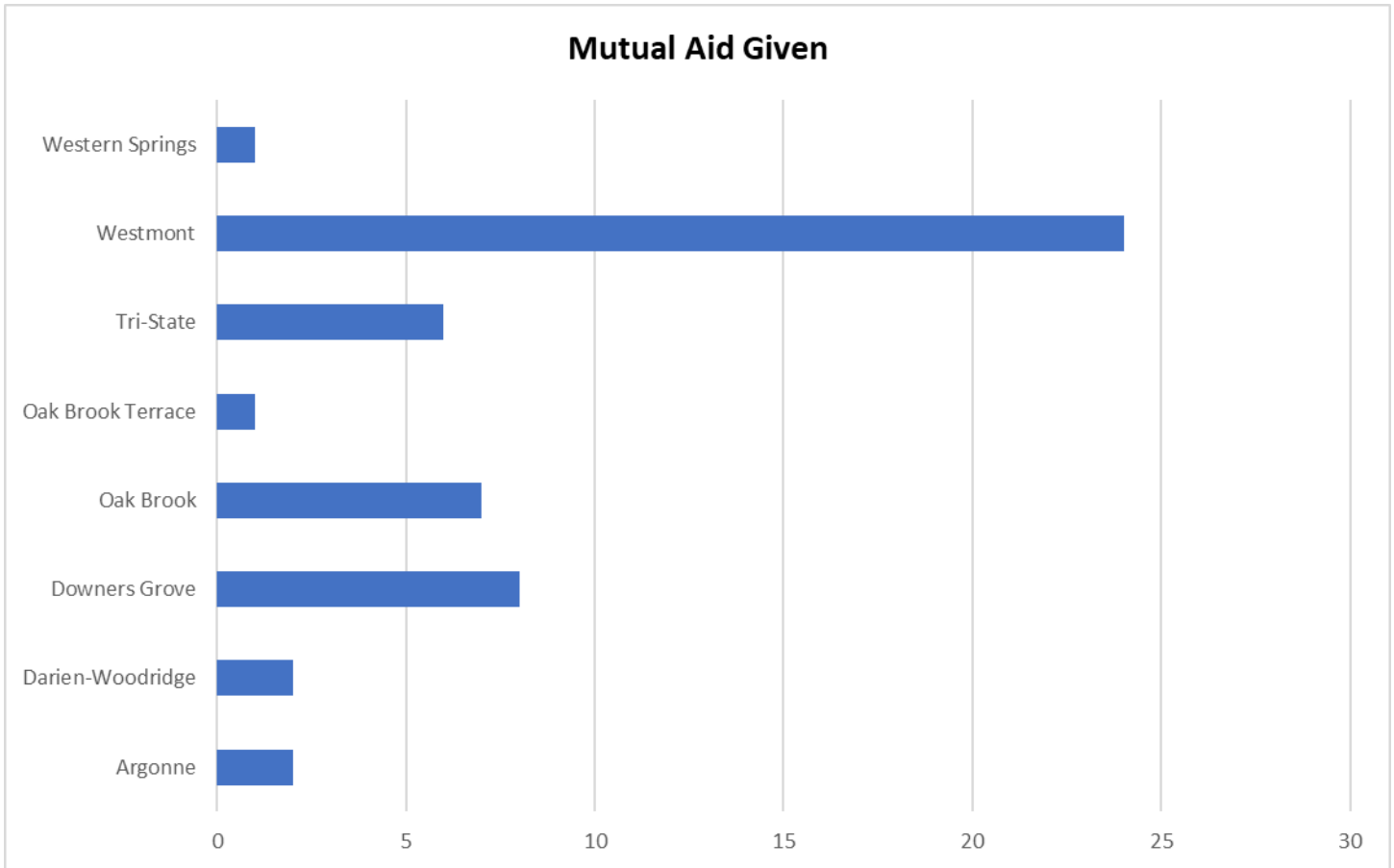
423	Refrigeration leak	1	0.10%	\$0.00	0.00%	1	
424	Carbon monoxide incident	5	0.52%	\$0.00	0.00%	2	3
440	Electrical wiring/equipment problem, other	1	0.10%	\$0.00	0.00%	1	
441	Heat from short circuit (wiring),	1	0.10%	\$0.00	0.00%	1	
442	Overheated motor	1	0.10%	\$0.00	0.00%		1
443	Breakdown of light ballast	1	0.10%	\$0.00	0.00%	1	
444	Power line down	17	1.79%	\$0.00	0.00%	13	4
445	Arching, shorted electrical equipment	5	0.52%	\$0.00	0.00%	2	3
		59	6.21%	\$0.00	0.00%		
5	Service Call						
500	Service Call, other	1	0.10%	\$0.00	0.00%		1
511	Lock-out	11	1.15%	\$0.00	0.00%	5	6
512	Ring or jewelry removal	1	0.10%	\$0.00	0.00%	1	
522	Water or steam leak	3	0.31%	\$0.00	0.00%	1	2
531	Smoke or odor removal	5	0.52%	\$0.00	0.00%	2	3
551	Assist police or another governmental agency	1	0.10%	\$0.00	0.00%	1	
552	Police matter	4	0.42%	\$0.00	0.00%		4
553	Public service	3	0.31%	\$0.00	0.00%	2	1
554	Assist invalid	32	3.37%	\$0.00	0.00%	18	14
571	Cover assignment, standby, move up	225	23.70%	\$0.00	0.00%	145	80
		286	30.13%	\$0.00	0.00%		
6	Good Intent Call						
600	Good intent call, other	1	0.10%	\$0.00	0.00%		1
611	Dispatched & cancelled in route	3	0.31%	\$0.00	0.00%	3	
622	No Incident found on arrival at dispatch address	3	0.31%	\$0.00	0.00%	2	1
631	Authorized controlled burning	1	0.10%	\$0.00	0.00%		1
651	Smoke scare, odor of smoke	1	0.10%	\$0.00	0.00%	1	
652	Steam, vapor, fog, or dust thought to be smoke	1	0.10%	\$0.00	0.00%	1	
653	Smoke from barbecue, tar kettle	1	0.10%	\$0.00	0.00%		1
		11	0.87%	\$0.00	0.00%		
7	False Alarm & False Call						
715	Local alarm system, malicious false alarm	1	0.10%	\$0.00	0.00%	1	
7301	Trouble Fire Alarm - Due to System Malfunction	18	1.89%	\$0.00	0.00%	6	12
731	Sprinkler activation due to malfunction	1	0.10%	\$0.00	0.00%		1
733	Smoke detector activation due to malfunction	11	1.15%	\$0.00	0.00%	5	6
734	Heat detector activation due to malfunction	6	0.63%	\$0.00	0.00%	3	3
735	Alarm system sounded due to malfunction	11	1.15%	\$0.00	0.00%	9	2
7351	Residential Fire Alarm - System Malfunction	3	0.31%	\$0.00	0.00%	1	2
736	CO detector activation due to malfunction	13	1.36%	\$0.00	0.00%	7	6
740	Unintentional transmission of alarm, Other	1	0.10%	\$0.00	0.00%		1
7401	Trouble Fire Alarm - TX Line/Human Error	2	0.34%	\$0.00	0.00%	2	
743	Smoke detector activation, no fire - unintentional	29	3.05%	\$0.00	0.00%	24	5
744	Detector activation, no fire - unintentional	6	0.63%	\$0.00	0.00%	2	4
745	Alarm system activation, no fire - unintentional	17	1.79%	\$0.00	0.00%	11	6
7451	Residential Fire Alarm - Unintentional Human Error	24	2.52%	\$0.00	0.00%	15	9

746	Carbon monoxide detector activation, no CO	6	0.63%	\$0.00	0.00%	3	3
		149	15.70%	\$0.00	0.00%		
8	Severe Weather or natural Disaster						
812	Flood Assessment	3	0.31%	\$0.00	0.00%		3
813	Windstorm, tornado/hurricane assessment	1	0.10%	\$0.00	0.00%		1
		4	0.42%	\$0.00	0.00%		
Total Incident Count		949		\$232,100.00			

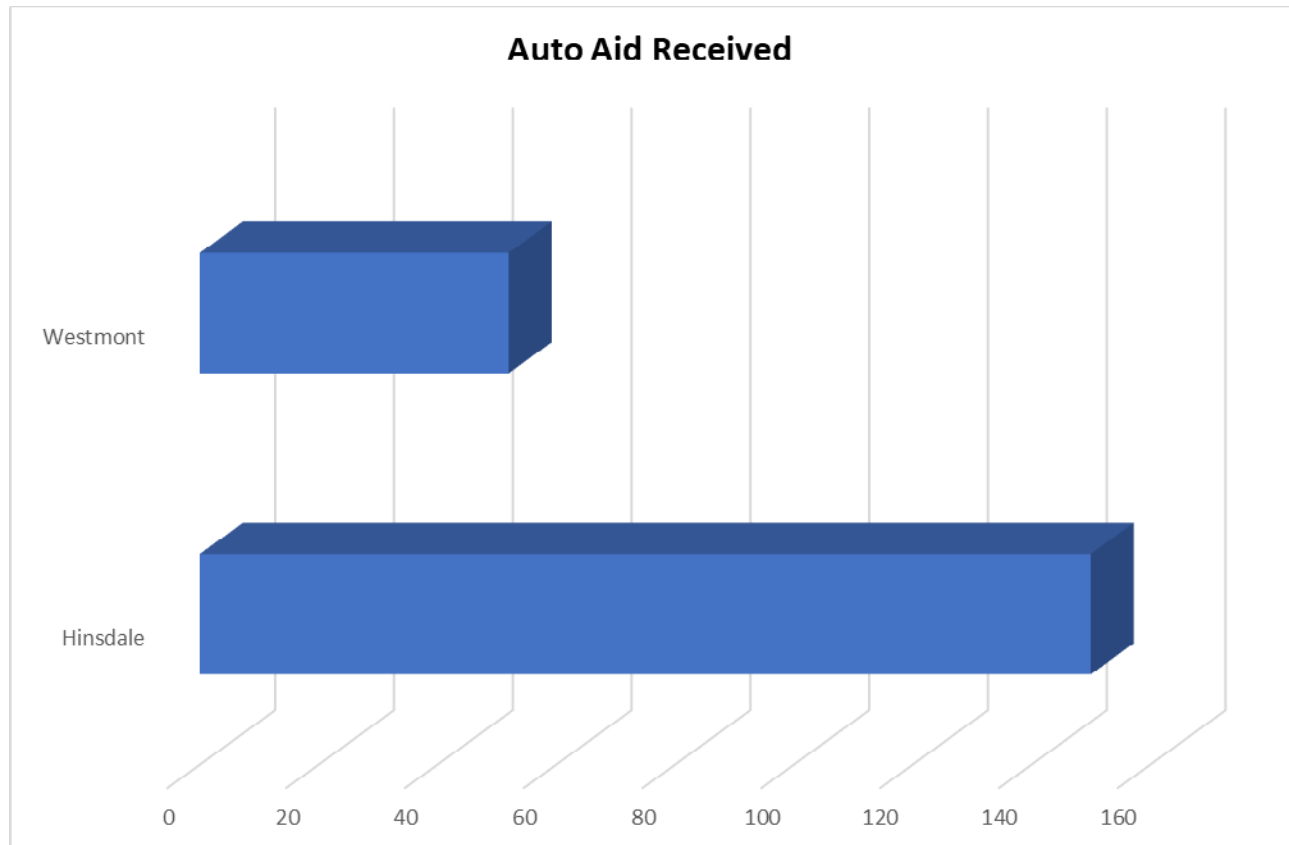
Mutual Aid "Received" Responses (FIRE / EMS)



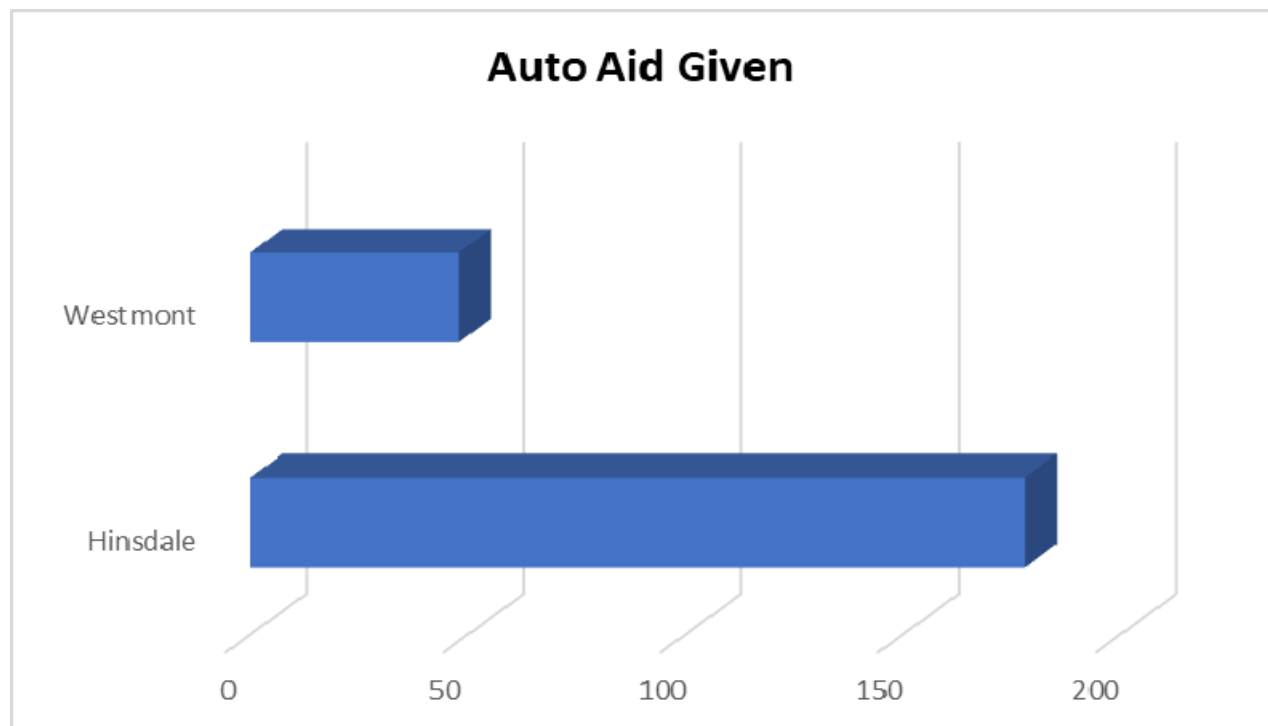
Mutual Aid "Given" Responses (FIRE / EMS)



Auto Aid "Received" Responses (FIRE / EMS)

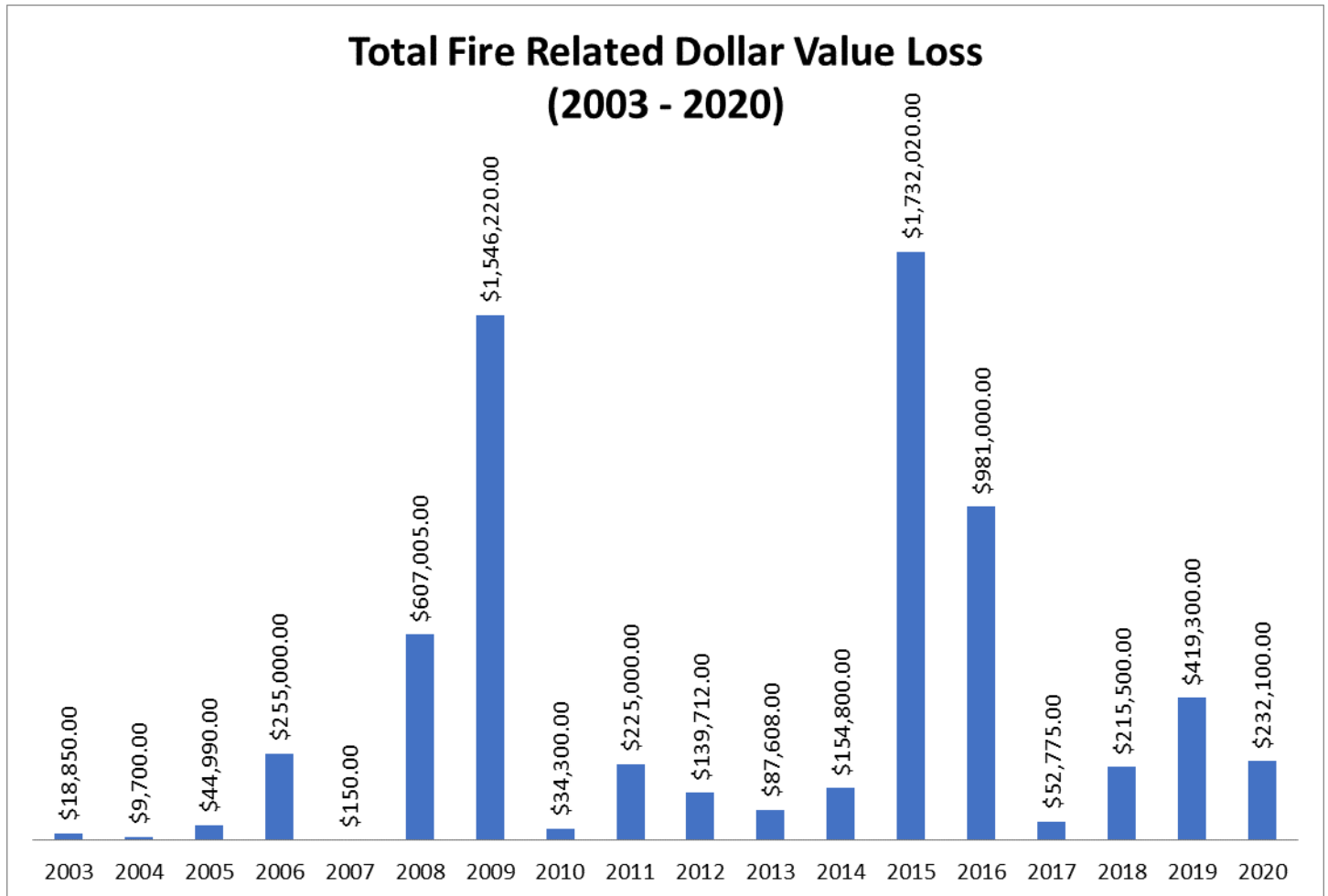


Auto Aid "Given" Responses (FIRE / EMS)



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



Detailed Related Dollar Losses 2020

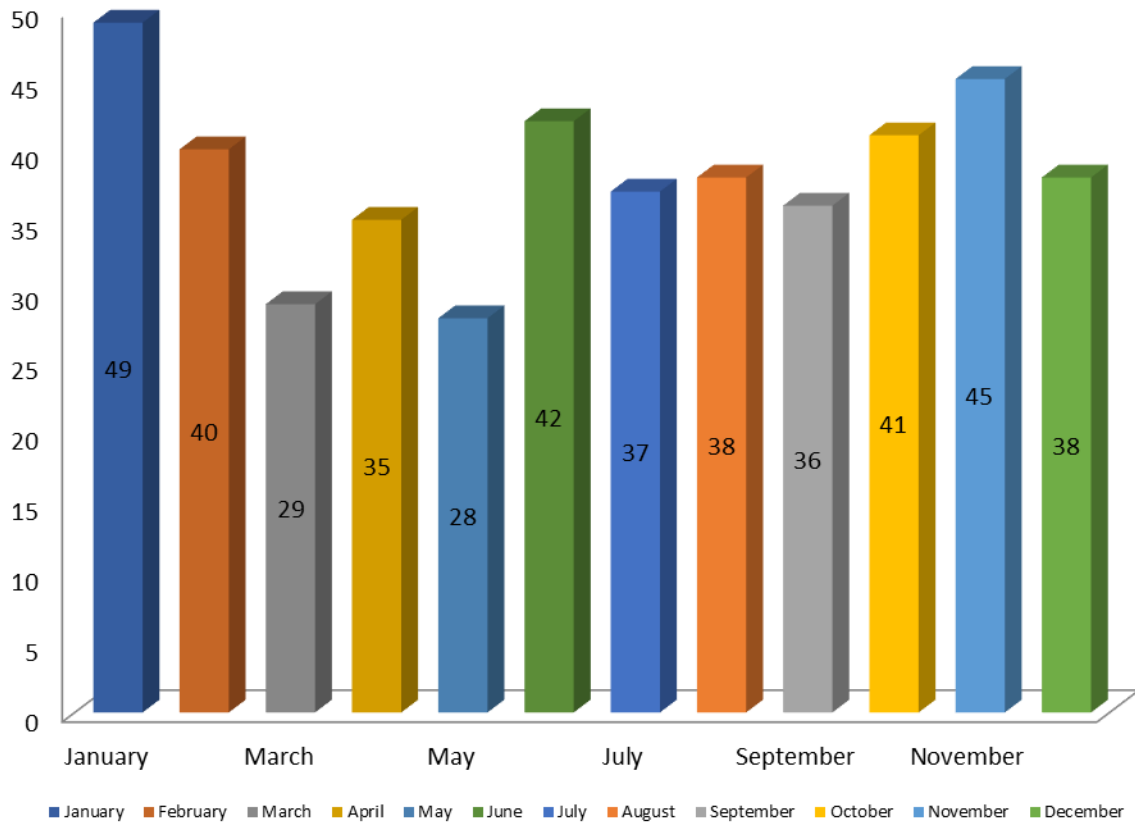
Date	Incident #	Address	Type of problem	Total Loss
January 21, 2020	20-0066	275 Churchill Pl	Building Fire	\$150,000.00
June 22, 2020	20-0422	261 Holmes Av	Building Fire	\$70,000.00
July 17, 2020	20-0486	23 Gilbert Av	Building Fire	\$500.00
October 25, 2020	20-0758	285 N Richmond Ave	Overpressure	\$1,600.00
November 21, 2020	20-0832	233 S Prospect Av	Building Fire	\$10,000.00

Total Loss	\$232,100.00
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EMS Division

Emergency Medical Services Call History

Total Calls for 2020



Total Calls by Year 1993 to 2020

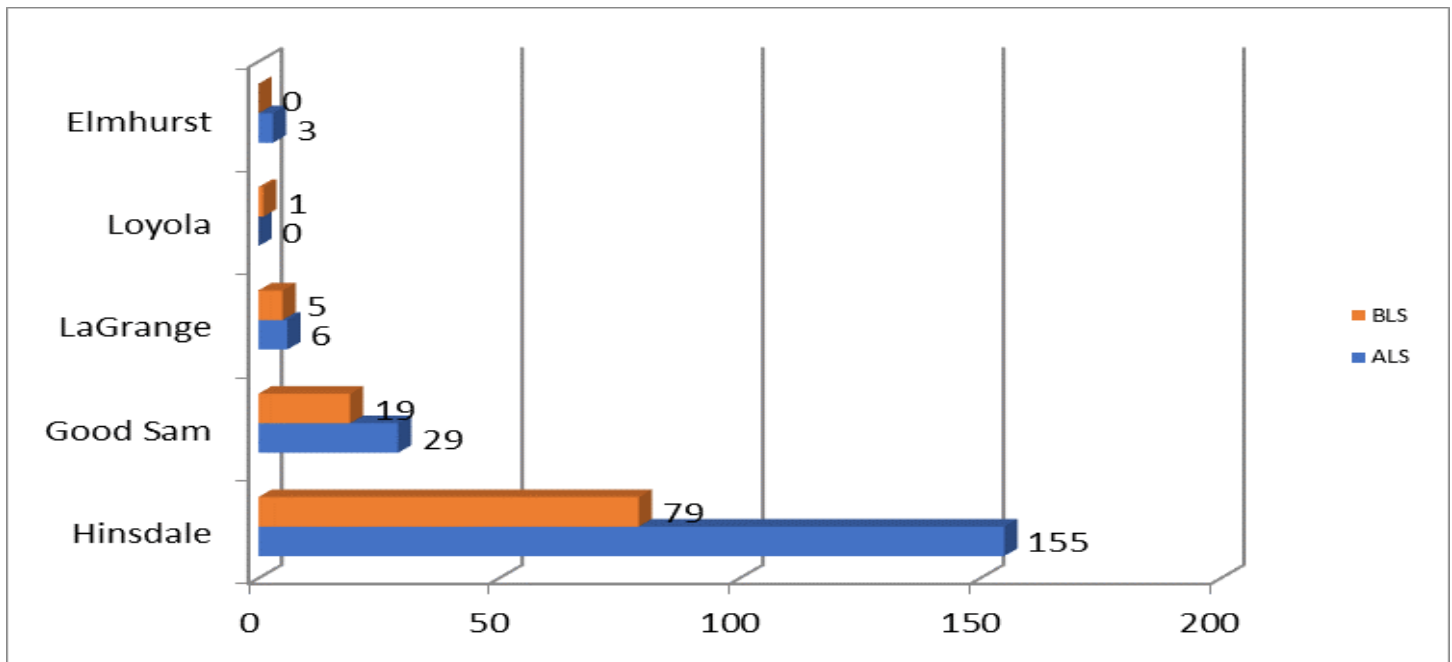
Year	Calls
1993	236
1994	224
1995	219
1996	221
1997	253
1998	259
1999	292

Year	Calls
2000	331
2001	299
2002	387
2003	399
2004	417
2005	465
2006	431

Year	Calls
2007	463
2008	428
2009	446
2010	449
2011	404
2012	475
2013	488

Year	Calls
2014	459
2015	512
2016	428
2017	533
2018	542
2019	533
2020	458

Total Hospital Transports by Level and Hospital for 2020



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
2010	218	88	96
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

**The following numbers represent PCR Tablet
(Transported and Invalid Assist) 2015 – 2020**

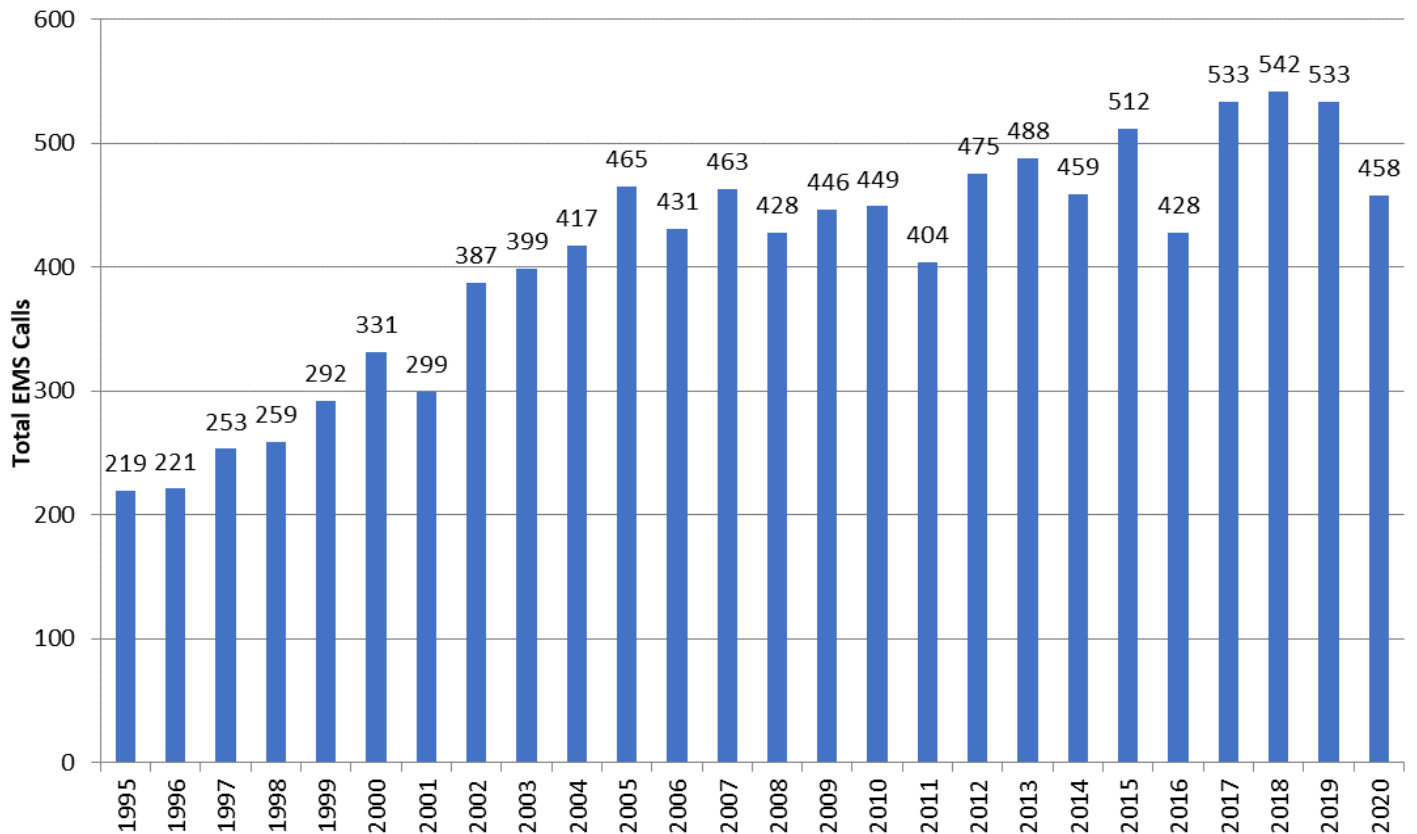
Year	2015	2016	2017	2018	2019	2020
None	11	24	23	6	8	2
Abdominal Pain/Problem	7	7	13	12	11	13
Airway Obstruction / Choking	1	4		4	1	-
Allergic Reaction	1	1	2	-	4	1
Altered LOC	18	15	14	16	1	4
Altered Mental Status	-	-	-	16	17	13
Behavioral	24	17	15	28	35	29
Bleeding	11	8	13	-	-	-
Burns	0	0		-	-	-
Cardiac Rhythm Disturbance	7	2	3	5	10	4
Cardiac /Traumatic / Respiratory Arrest	1	5	3	6	3	4
Chest Pain	3	10	14	16	18	8
Cough	-	2	2	5	4	2
COVID-19 (Determined)						4
COVID-19 (Suspected)						9
Diabetic Symptoms (Hypo/Hyper)	6	8	6	9	3	3
Diarrhea	-	3	4	1	-	1
Electrocution	-	-	-	1	-	1
ETOH Abuse	6	12	13	13	5	11
Fatigue	1	0	4	4	2	2
Fever	8	3	1	3	3	5
Flu-Like Symptoms	14	7	3	-	-	-
Headache	2	6		8	6	3
Hypertension	4	0	2	6	2	1
Hypotension	1	0		1	1	2
Hyperthermia	1	0		2	-	-
Hypothermia	0	0		-	-	-
Hypovolemia / Shock	0	0		-	-	-
Inhalation Injury (Toxic Gas)	0	0		-	-	-
Musculoskeletal Injury	39	24	27	29	42	17
Nausea/Vomiting	2	4	8	3	4	3
No Apparent Injury	38	26	19	62	51	37
Non-EMS Assist	1	3	3	24	7	4
Obvious Death / Dead at Scene	6	1	5	7	3	8
Pain - Back	15	10	16	10	15	13
Pain - Chest	4	4	3	2	2	5
Pain - Extremity	23	12	11	20	26	12
Pain - Eye	-	0	1	-	-	-
Pain - Head	5	2	7	10	10	5
Pain - Muscle	1	0		2	5	2

Patient Assist	1	0	3	1	1	4
Poisoning/Drug Ingestion	0	1	5	8	7	8
Pregnant/OB Delivery/Miscarriage	0	0		1	1	-
Psychiatric Disorder	7	6	11	5	6	6
Respiratory Arrest	1	0		-	3	-
Respiratory Distress / Breathing Difficulty	14	14	17	18	27	25
Seizure	8	10	5	8	13	9
Severe Headache	-	-	-	-	1	-
Sexual Assault / Rape	-	1		-	-	-
Smoke Inhalation	0	0		-	-	-
Stings / Venomous Bites	-	1		-	-	-
Stroke/CVA	5	7	4	2	5	6
Swelling - Head	-	-	-	1	-	-
Swelling - Lower Limb, Bilateral	-	-	-	1	1	1
Swelling - Lower Limb, Left	-	-	-	-	1	2
Swelling - Lower Limb, Right	-	-	-	-	-	1
Syncope/Fainting/Dizziness	14	11	17	18	19	22
Traumatic Injury	25	23	16	7	27	18
Unexplained Hemorrhage (Bleeding or Bruising)	-	-	-	5	5	6
Vaginal Bleeding	1	0		1	-	-
Vomiting	1	1	1	3	5	3
Weakness	20	20	20	39	44	53
Well-Being Check	6	2	2	3	8	5
Total	364	317	336	452	473	397

Trip Count – Level of Care - 2020

	ALS	BLS	No Patient Care Given	Total
Assist, Public	0	0	3	3
DOA - No Resuscitation Attempted	8	0	2	10
MPR	0	1	4	5
NTV - Guardian/Patient Refusal	0	1	1	2
Patient Evaluated, No Treatment/Transport	3	10	15	28
Patient Non-Impaired Refusal	2	2	5	9
Patient Refused Evaluation/Care (Guardian)	0	0	2	2
Patient Refused Evaluation/Care (No Treatment)	0	1	9	10
Patient Refused Evaluation/Care (Treatment)	0	1	1	2
Patient Treated, Released (AMA)	2	0	3	5
Patient Treated, Released (per protocol)	1	3	0	4
Patient Treated, Transported by EMS	168	127	2	297
Refused Care, Patient	1	8	19	28
Total	185	154	66	405

Total EMS Calls (Transported / Assist) 1995 to 2020



In 2020, 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 10 times

Auto Aid Given Response occurred 45 times

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

Mutual Aid Received 6 times

Auto Aid Received 27 times

EMS Division Training for 2020

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

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

EMS-2020

Dec 31st marked the end of running (1) Paramedic and (1) EMT Basic on the Ambulance. There are several changes in the EMS System that needs to be maintained now so starting on Jan 1st we will be running (2) Paramedics, the world of EMS has changed below lists a few of these new procedures:

COVID-19 Pandemic

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.

Since COVID-19 really ramped up in March 2020 we worked close with MABAS Division Ten, DuPage County Health, and Loyola EMS to put together our department response to this Pandemic. DC Krupp worked on the grant to help re-coop PPE costs incurred by this Pandemic. The department started to receive Pfizer vaccines in December of 2020 from Amita Healthcare.

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.

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 have changed to Zoom Video Calls due to COVID.

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.

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 (8) new Medic and (1) 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 AED's in place and the teacher's and other staff are trained in use of them are also CPR trained.

In 2020 Clarendon Hills CPR/AED classes (new or Re-cert) have been cancelled per AHA Guidelines due to COVID.

2020 EMS Training Summary Report

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

Month	Topic
January	Medical Emergencies
February	Cardiac Arrhythmias
March	Pediatric Emergencies
April	Respiratory SMO Review
May	Trauma
June	In-House Training (No Region 8 Subject Area)
July	In-House Training (No Region 8 Subject Area)
August	Altered Mental Status
September	Adult Behavioral Emergencies and Special Populations
October	Toxic Effects
November	In-House Training (No Region 8 Subject Area)
December	Annual CPR Training (Department Wide)

Public Services/Education **Fire Prevention Division**

In 2020, 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:

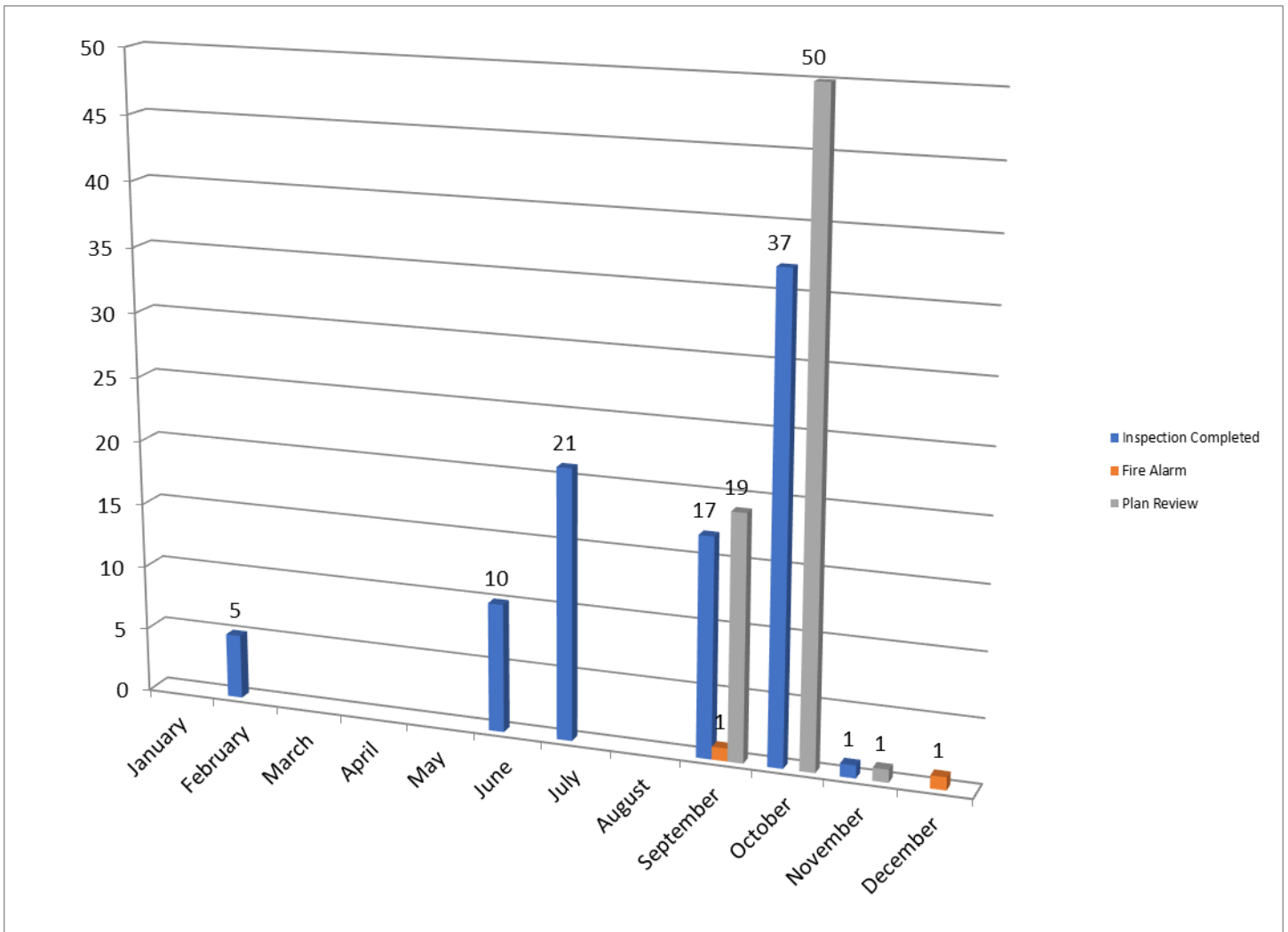
Annual Fire and Life Safety Inspections	91
Keltron Fire Radio (maintained)	155
Fire Violations – Adjudication Hearing Process	12
Final Occupancy Inspections	7
Plan Reviews	70
New Fire Alarm System Inspections	1
Voluntary Single Family Sprinkler System Tests	0
Code Enforcement	157

Detailed Related Dollar Losses 2020

Date	Incident #	Address	Type of problem	Total Loss
January 21, 2020	20-0066	275 Churchill Pl	Building Fire	\$150,000.00
June 22, 2020	20-0422	261 Holmes Av	Building Fire	\$70,000.00
July 17, 2020	20-0486	23 Gilbert Av	Building Fire	\$500.00
October 25, 2020	20-0758	285 N Richmond Ave	Overpressure	\$1,600.00
November 21, 2020	20-0832	233 S Prospect Av	Building Fire	\$10,000.00

Total Loss	\$232,100.00
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Total Inspections, Fire Alarm and Plan Review by Month for 2020



Total Inspections conducted by Fire Prevention Staff for 2020

Month	Inspection Completed	Fire Alarm	Plan Review
January			
February	5		
March			
April			
May			
June	10		
July	21		
August			
September	17	1	19
October	37		50
November	1		1
December		1	
Totals	91	2	70

Fire Inspection Violations 2013 – 2020

Violation Found	2013	2014	2015	2016	2017	2018	2019	2020
Automatic sprinkler controls blocked	2	-	2	2	1		1	
Automatic sprinkler needs to be inspected	1	-			5			
Automatic sprinkler system requires maintenance	10	11	3				1	2
Auto Doors Provide, Repair or Replace Auto Door Closers	-	-	-	1		1	1	
Boiler certification expired or missing	6	5	1	1	2	1	1	
Building key(s) require updating	-	-	2	-				
Ceiling requires repairs	3	6	4	2	2	4	2	3
Combustibles are stored too close to heat source(s)	3	5	1	1			2	
Electric plug, switch or breaker replaced	1	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	12	24	9	5	5	3	10	1
Emergency light(s) needed, or unit(s) require repair/replacement	70	76	39	35	34	34	34	18
Exit door(s) Blocked	-	9	1	3	5	7	7	1
Exit door(s) Blocked while occupied	-	3	1	1			1	
Exit door(s) require repair/replacement	3	1	1		1			
Exit door(s) shall not be key lockable from the inside	1	-						
Exit sign(s) must be working when premises are occupied	35	43	21	19	15	11	11	14
Exit sign(s) missing or need to be repaired	14	5	21					
Exits and pathways to exits must be clear and unobstructed	7	-	6					
Extension cords overused or misused / Power Strips	-	-	3		1			
Elevator Inspection not current or certificate visible	5	12	6	5	3	2	4	2
Elevator Controls / Disconnect accessible	3	5	2	3	2		5	
FDC/Sprinkler/Standpipe blocked or not accessible	-	-				1		
Fire alarm control panel not accessible	-	-						
Fire alarm device requires repair	17	18	8	1	5	4	6	2
Fire door closing device(s) require adjusting or repair	-	-						
Fire doors must not be wedged open or obstructed	2	1	2			1		2

Fire extinguisher(s) are due or past due for annual certification	25	25	21	16	19	4	17	15
Fire extinguisher(s) type, are not accessible or properly mounted	23	19	7					
Fire extinguisher(s) are of improper type or quantity	-	-		10	10	4	10	
Fire extinguisher(s) are/is discharged and needs repair	-	-						7
Fire suppression system (kitchen) needs repair or service	1	1	2		3			
Fire suppression system (kitchen) overdue for certification	2	2	1		1			
Flammable liquids must be kept in an approved metal cabinet	2	2		2	2			
Gas Cylinder not chained or secured	7	8	10	6	5	4	3	4
Heat detector(s) not working	1	2			2			
Heating system needs to be cleaned or serviced	-	-						
Keep a 12" clearance between ceiling and storage	1	-	1		1			
Keep an 18" clearance from sprinkler heads	2	2	-		2			
Knox box required by Village Ordinance / Keys Current	5	8		5	2	7	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	2	7	3		3	3	2	2
MSDS sheets not posted	1	1	1	1	2			
Sign(s) prohibiting smoking must be posted & enforced	-	-						
Smoke detector(s) not working	5	-				2	2	
Sprinkler/Standpipe flow switch not supervised	-	-						
Storage must be kept neat and orderly	6	7	1	1		1		
Utility shut off not accessible for emergency access	17	45	23	5		2	3	1
Repair holes in walls, ceiling, or floors	5	5	1	2		1	1	
Totals Violations per Year	300	366	206	131	135	98	126	77

DESCRIPTION OF TRAINING & HIGHLIGHTS FOR 2020

- 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. All firefighters must complete at least 12 hours of Regulatory training using our Target Solutions Web Training Site during 2020.
- In 2020 the Covid-19 Pandemic hit us all hard. Precautions and preparation started early in 2020 and then in March all inside & outside training was suspended. Much precaution and extreme limitations were introduced for the first time ever to the way we train and respond. In June while still taking extreme cautions we limited training to outdoor masked and virtual training only. This held true through the rest of the year.
- 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 2020 the Clarendon Hills and Hinsdale Fire Departments continue sharing services by completing mutual training drills. Many live training drills were done in union. Departments continue to work together in meeting procedure and training goals. In late 2020 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.
- 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 2020 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 the residents 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 2020 we had to cancel our open house due to COVID-19.
- 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 2020 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.
- 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. 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.

2020 DEPARTMENT REGULATORY TRAINING

January	HM First Resp Mod 3
February	HM First Resp Mod 4
March	NFPA 1500 Confined Space
April	Sexual Harassment
May	Fall Protection
June	NFPA 1500 HM Communications
July	Lock-Out/ Tag Out
August	NFPA 1021 Company Officer Professional
September	Electrical Safety
October	HM GHS Annual
November	Eye Safety
December	Back Injury Prevention

2020 REGULAR DEPARTMENT EVENING TRAINING

DATE	SUBJECT
January	Company Pre-Plans
January	Company Pre-Plans / Churchill fire critique
February	Fire Behavior
February	SCBA Consumption
February	Safety
March	SCBA
March	COVID-19 No Training
April	COVID-19 No Training
April	COVID-19 No Training
April	COVID-19 No Training
May	COVID-19 No Training
May	COVID-19 No Training
May	COVID-19 No Training
June	Mutual Training – Hinsdale Engine / Ladders
June	Mutual Training – Hinsdale Relays
July	Pump / S & R / PPE / De-Con
July	Tools & Equipment
July	Hydrants / P Techs / Air bags
August	Master Streams
August	Ladder / Engine Relays
August	Engine Relays
September	Engine
September	Mutual Training – Westmont Tools & Equipment
September	Skids
October	Haz-Mat Ops Recert Practical's
October	Ropes & Knots
October	IFSI Cornerstone Training – Reading Smoke/Fire
November	Company Officer – First In / 121 Indian
November	Truck/Engine Relays
December	MABAS Ten Validations
December	End Year Tools & Equipment

2020 DEPARTMENT SCHEDULED OUTSIDE 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
Parade & Firework details
Fire Prevention Open House – Silent Parade
Firefighter Academy Romeoville / Riverside -- Live Fire Training
Pre Plans- Tactical Walks
Company Pre-Plans
Tabletop Exercise - Hinsdale
Ladder / Pump
Recruit Training
MABAS IMAT Training
State Testing
Active Shooter Tabletop Exercise – PD
Fire prevention
Officer Development – Leadership
Du-Comm Training
Active Shooter/ RTF Training
IMAT Training
Target Solutions Training