



CLARENDON HILLS

FIRE DEPARTMENT

2017

ANNUAL REPORT



This year was another challenging year for the Clarendon Hills Fire Department. Along with responding to Fire, EMS and Rescue emergencies, the Fire Department performed many other functions for the citizens of Clarendon Hills. We continue to staff 3 people 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.

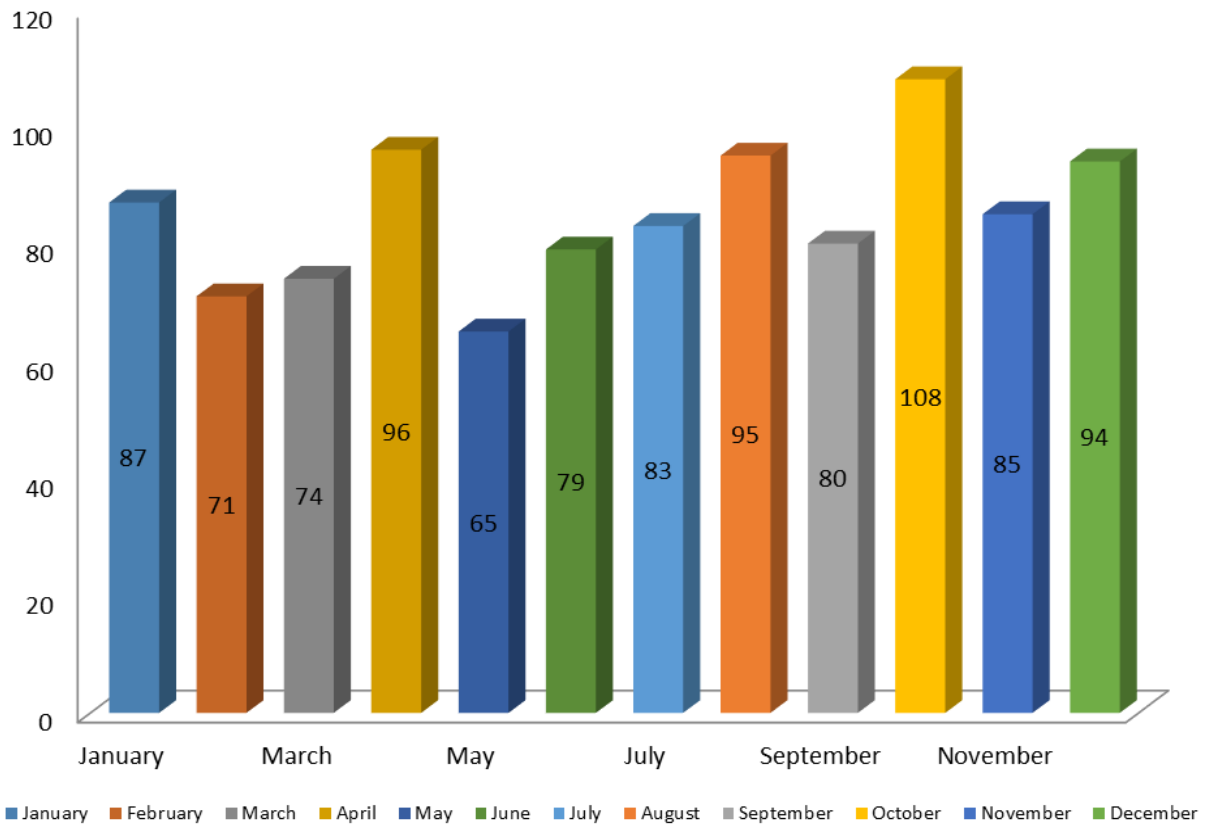
The Clarendon Hills Fire Department responded to 1017 calls for emergency service in 2017. This total includes requests for both Fire and EMS service as well as activated fire alarms. The daily call average for 2017 was 2.78 calls per day.

Fire/Rescue call response emergencies were 332 (29.88%); Ambulance call response emergencies were 533 (47.97%) and Trouble Alarm investigations were 152 (13.68%).

In 2017 there were (0) firefighters injured during an emergency call. There was (0) civilian injuries and (0) deaths as a result 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 2017.

Total Calls for 2017



Total Calls by Year 1990 to 2017

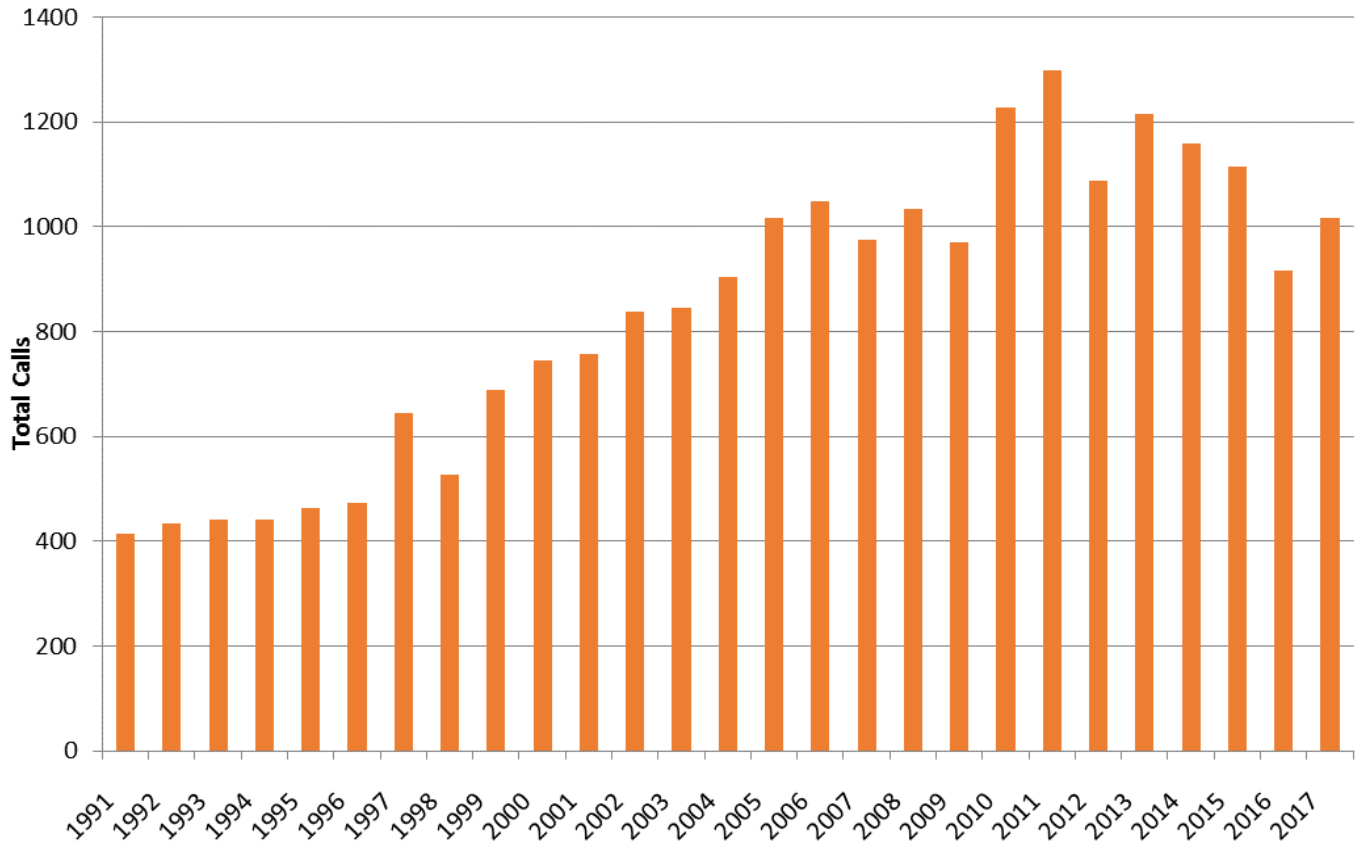
Year	Calls
1990	407
1991	414
1992	434
1993	440
1994	442
1995	463
1996	474

Year	Calls
1997	644
1998	528
1999	688
2000	746
2001	758
2002	838
2003	846

Year	Calls
2004	905
2005	1018
2006	1049
2007	974
2008	1035
2009	971
2010	1228

Year	Calls
2011	1298
2012	1087
2013	1216
2014	1160
2015	1114
2016	917
2017	1017

Total Emergency Responses from 1991 to 2017



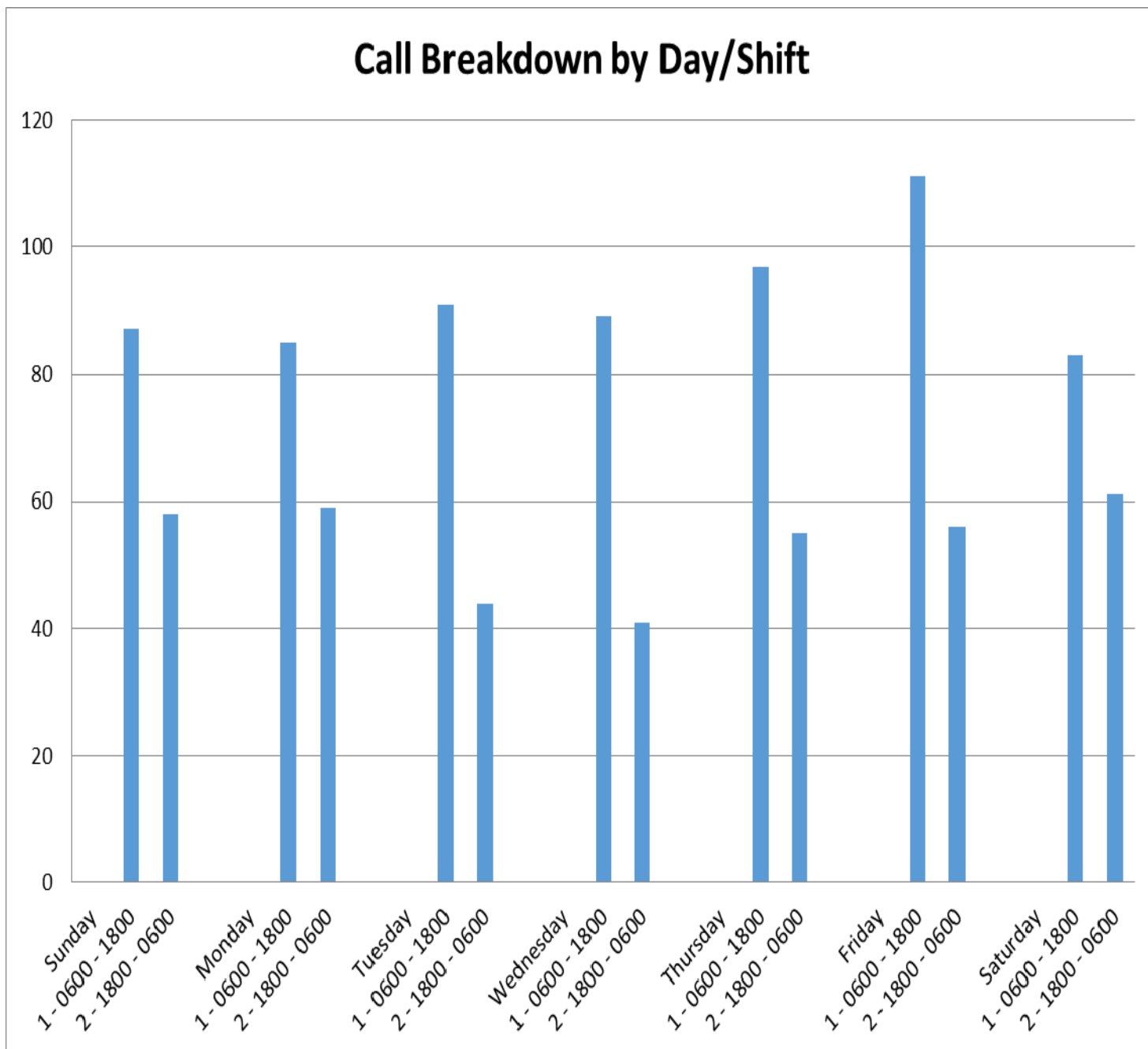
Incidents Type between 2009 and 2017

Incident Type Period Comparisons	2009	2010	2011	2012	2013	2014	2015	2016	2017
Incident Type									
100 Fire, Other	1	2	0	0	1	0	1	0	0
111 Building fire	3	2	2	1	2	1	5	5	3
112 Fires in structure other than in a building	0	0	0	0	0	0	1	2	1
113 Cooking fire, confined to container	0	2	0	1	3	0	1	1	1
114 Chimney or flue fire, confined to chimney or flue	1	0	0	1	0	0	0	0	1
116 Fuel burner/boiler malfunction, fire contained	0	0	0	0	1	0	0	0	1
118 Trash or rubbish fire, contained	2	1	0	1	1	0	0	0	0
130 Mobile property (vehicle) fire, Other	1	0	0	0	0	0	0	0	0
131 Passenger vehicle fire	0	0	4	1	2	1	0	1	0
140 Natural vegetation fire, Other	0	0	0	0	0	0	1	0	0
142 Brush or brush-and-grass mixture fire	0	0	0	1	1	1	1	1	2
143 Grass Fire	0	0	1	1	0	0	0	1	0
150 Outside rubbish fire, Other	2	0	0	1	2	1	0	0	0

151 Outside rubbish, trash or waste fire	2	2	0	1	2	1	1	0	3
154 Dumpster or other outside trash receptacle fire	1	0	0	1	0	3	0	1	1
160 Special outside fire, Other	3	1	1	1	1	0	0	1	0
161 Outside storage fire	0	0	0	0	0	0	0	0	1
162 Outside equipment fire	1	1	0	1	2	1	1	0	1
173 Cultivated trees or nursery stock fire	1	0	0	0	0	0	0	0	0
300 Rescue, EMS incident, other	1	0	0	0	0	0	1	0	0
311 Medical assist, assist EMS crew	2	0	1	0	5	0	0	0	0
320 Emergency medical service, other	0	0	0	0	1	0	1	0	0
321 EMS call, excluding vehicle accident with injury	376	370	393	427	414	389	422	356	434
322 Motor vehicle accident with injuries	19	21	19	20	23	15	36	31	27
323 Motor vehicle/pedestrian accident (MV Ped)	3	5	3	3	8	3	1	1	3
324 Motor Vehicle Accident with no injuries	5	10	13	10	15	23	14	9	17
331 Lock-in (if lock out, use 511)	0	0	0	0	0	1	0	0	0
350 Extrication, rescue other	0	1	0	0	0	0	0	0	0
351 Extrication of victim (s) from	0	0	0	0	0	0	0	1	0
353 Removal of victim(s) from stalled elevator	5	6	3	1	5	3	3	3	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	1	0	0	0	0
400 Hazardous condition, Other	0	0	1	0	0	0	0	0	0
410 Combustible/flammable gas/liquid condition	0	0	0	0	0	0	1	1	0
411 Gasoline or other flammable liquid spill	4	1	0	2	1	0	2	2	3
412 Gas leak (natural gas or LPG)	16	23	15	21	15	21	18	23	25
413 Oil or other combustible liquid spill	0	0	0	0	0	0	0	0	0
421 Chemical hazard no spill or leak)	0	1	0	0	0	0	0	0	0
422 Chemical spill or leak	1	0	2	0	0	0	0	0	0
423 Refrigeration leak	0	0	0	0	0	0	0	0	0
424 Carbon monoxide incident	5	2	2	2	9	3	4	8	3
440 Electrical wiring/equipment problem, Other	2	2	3	2	2	2	0	2	1
441 Heat from short circuit (wiring), defective/worn	0	0	0	0	2	0	1	1	3
442 Overheated motor	0	5	4	2	1	6	0	2	3
443 Breakdown of light ballast	0	0	0	1	0	1	0	0	0
444 Power line down	13	28	98	6	10	8	15	13	14
445 Arcing, shorted electrical equipment	5	25	10	7	6	8	6	7	2
463 Vehicle accident, general cleanup	0	0	0	1	0	0	0	0	0
500 Service Call, other	0	0	0	0	1	1	1	0	0
510 Person in distress, Other	0	0	0	1	0	1	0	0	0
511 Lock-out	5	6	7	3	9	5	7	9	9
512 Ring or jewelry removal	0	0	1	0	0	0	0	0	0
520 Water problem, Other	8	2	1	0	10	0	0	0	0
521 Water evacuation	1	0	1	0	4	0	0	0	0
522 Water or steam leak	4	3	1	4	4	7	1	5	3

531 Smoke or odor removal	16	15	19	17	10	7	15	20	2
541 Animal problem	1	0	0	0	0	3	1	0	0
542 Animal rescue	0	1	1	0	0	0	1	0	0
550 Public service assistance, Other	0	0	0	1	0	0	1	0	0
551 Assist police or other governmental agency	2	1	3	1	1	4	0	7	2
552 Police matter	1	0	2	0	1	5	1	1	1
553 Public service	5	1	16	2	7	6	4	8	4
554 Assist invalid	35	36	46	15	16	25	34	27	50
555 Defective elevator, no occupants	2	2	2	0	0	0	2	2	1
561 Unauthorized burning	0	1	2	0	0	0	4	1	1
571 Cover assignment, standby, move-up	151	281	293	284	327	316	295	159	210
600 Good intent call, Other	1	0	0	0	0	0	1	0	0
611 Dispatched & cancelled en-route	3	3	4	2	5	3	0	1	7
621 Wrong location	0	1	1	0	4	1	0	0	0
622 No Incident found on arrival at dispatch address	4	12	5	3	3	7	2	1	9
631 Authorized controlled burning	2	2	1	1	0	0	1	0	0
632 Prescribed fire	0	0	0	0	0	0	0	2	0
650 Steam Other gas mistaken for smoke, Other	0	0	0	1	0	0	1	0	0
651 Smoke scare, odor of smoke	1	1	2	2	2	1	0	0	1
652 Steam, vapor, fog or dust thought to be smoke	0	3	1	0	0	2	2	1	0
661 EMS call, party transported by non-fire agency	0	1	1	0	0	0	1	1	2
671 HazMat release investigation w/no HazMat	0	0	0	1	0	0	0	0	0
700 False alarm or false call, Other	0	0	0	0	1	0	0	0	0
710 Malicious, mischievous false call, Other	0	1	0	0	2	0	1	0	0
711 Municipal alarm system, malicious false alarm	1	0	0	0	1	0	0	1	0
713 Telephone, malicious false alarm	0	0	0	0	0	1	1	0	0
715 Local alarm system, malicious false alarm	0	0	0	0	0	0	0	0	0
730 System malfunction, Other	1	4	0	1	2	0	0	0	0
7301Trouble Fire Alarm - Due to System Malfunction	88	161	95	81	103	90	113	68	34
731 Sprinkler activation due to malfunction	0	0	0	0	2	0	1	2	0
733 Smoke detector activation due to malfunction	13	9	23	13	7	18	13	12	6
734 Heat detector activation due to malfunction	0	2	2	2	1	9	1	0	1
735 Alarm system sounded due to malfunction	14	19	20	25	14	20	18	17	14
7351 Residential Fire Alarm - System Malfunction	10	10	4	8	7	8	14	13	10
736 CO detector activation due to malfunction	21	21	24	22	36	26	20	12	13
740 Unintentional transmission of alarm, Other	0	1	0	2	0	0	0	1	1
7401Trouble Fire Alarm - TX Line/Human Error	8	13	15	9	14	12	11	13	2
741 Sprinkler activation, no fire - unintentional	2	2	2	2	3	6	1	0	0
743 Smoke detector activation, no fire - unintentional	47	41	63	32	30	24	28	23	26
744 Detector activation, no fire - unintentional	3	5	3	5	4	9	11	7	7
745 Alarm system activation, no fire - unintentional	12	19	25	19	26	31	21	12	13
7451 Residential Fire Alarm - Unintentional Human	28	24	19	9	11	17	18	14	23

Error									
746 Carbon monoxide detector activation, no CO	5	7	4	1	4	1	2	4	2
800 Severe weather or natural disaster, Other	0	0	3	0	0	0	0	0	0
812 Flood assessment	0	0	0	0	4	0	0	0	10
813 Wind storm, tornado/hurricane assessment	1	0	1	0	0	0	0	0	1
814 Lightning strike (no fire)	0	2	0	0	1	2	0	0	0
815 Severe weather or natural disaster standby	0	4	1	0	2	0	0	0	0
900 Special type of incident, other	0	0	0	0	1	0	0	0	0
Totals	971	1228	1289	1086	1216	1160	1114	917	1017



Call Breakdown by Day of Week / Shift

Day / Shift	Counts	Percent %
Sunday		
1 - 0600 - 1800	87	8.55%
2 - 1800 - 0600	58	5.70%
Monday		
1 - 0600 - 1800	85	8.35%
2 - 1800 - 0600	59	5.80%
Tuesday		
1 - 0600 - 1800	91	8.94%
2 - 1800 - 0600	44	4.32%
Wednesday		
1 - 0600 - 1800	89	8.75%
2 - 1800 - 0600	41	4.03%
Thursday		
1 - 0600 - 1800	97	9.53%
2 - 1800 - 0600	55	5.40%
Friday		
1 - 0600 - 1800	111	10.91%
2 - 1800 - 0600	56	5.50%
Saturday		
1 - 0600 - 1800	83	8.16%
2 - 1800 - 0600	61	5.99%

Fire Suppression Call History

Totals Emergencies Fire Responses = 478

In 2017, the Clarendon Hills Fire Department responded to locations outside of the Village on mutual aid calls as follows. An Engine, Truck, Squad or other (Chief, Investigator or ISO):

Mutual Aid Given response occurred **63** times

Auto Aid Given Response occurred **154** times

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

Mutual Aid Received **64** times

Auto Aid Received **127** times

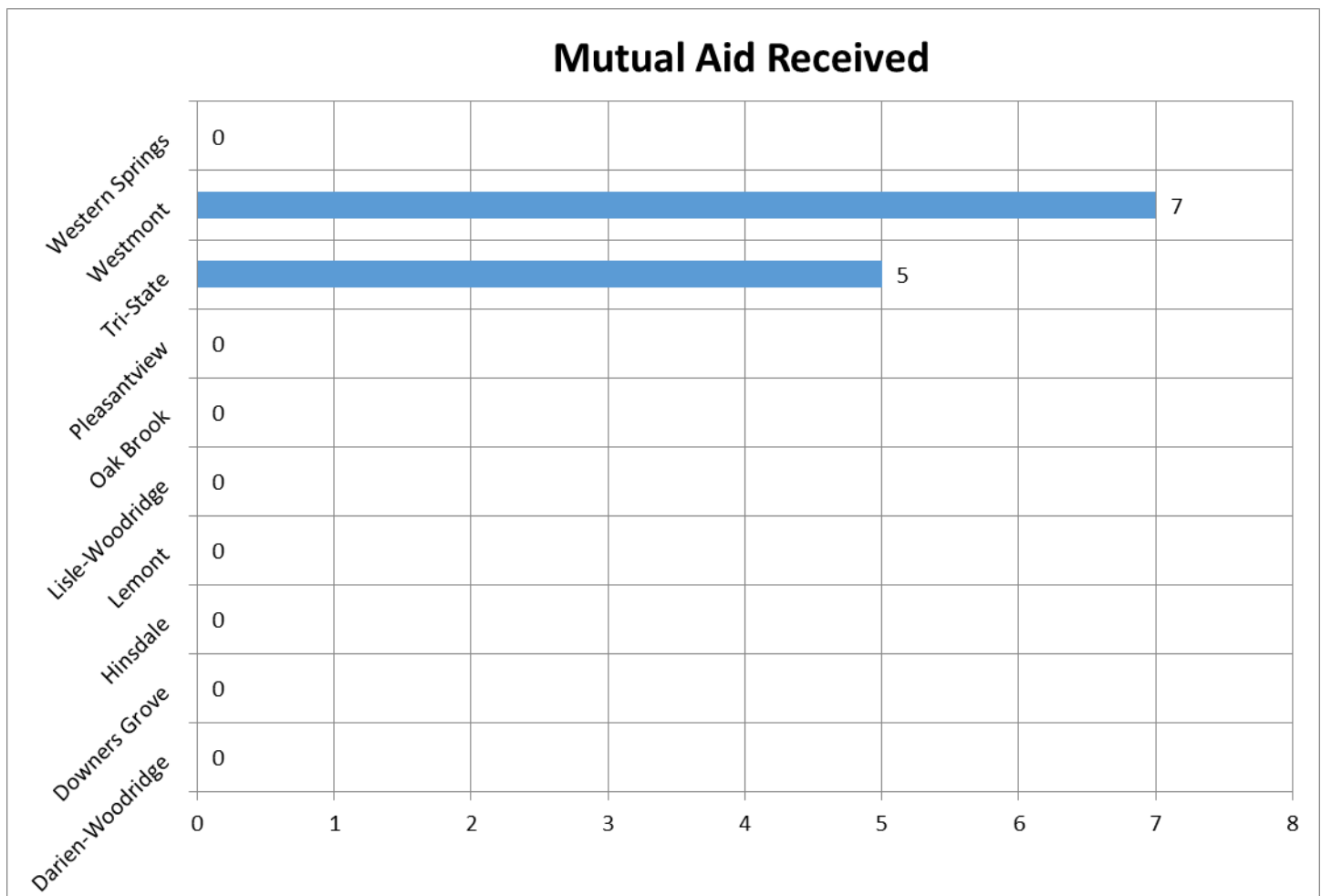
Clarendon Hills Fire Department Incident Type Report (Summary) (By Shift)

Incident Type Code	Category	Total Count	Shift 1 6:00 - 18:00	Shift 2 18:00 - 6:00
1	Fire			
111	Building Fire	3	2	1
112	Fire in structure other than in a building	1	1	
113	Cooking fire, confined to container	1		1
114	Chimney or flue fire, contained to chimney	1		1
116	Fuel burner/boiler malfunction, fire	1		1
142	Brush or brush-and grass mixture fire	2	1	1
151	Outside rubbish, trash or waste fire	3	1	1
154	Dumpster or other outside trash receptacle	1	1	
161	Outside storage fire	1	1	
162	Outside equipment fire	1	1	

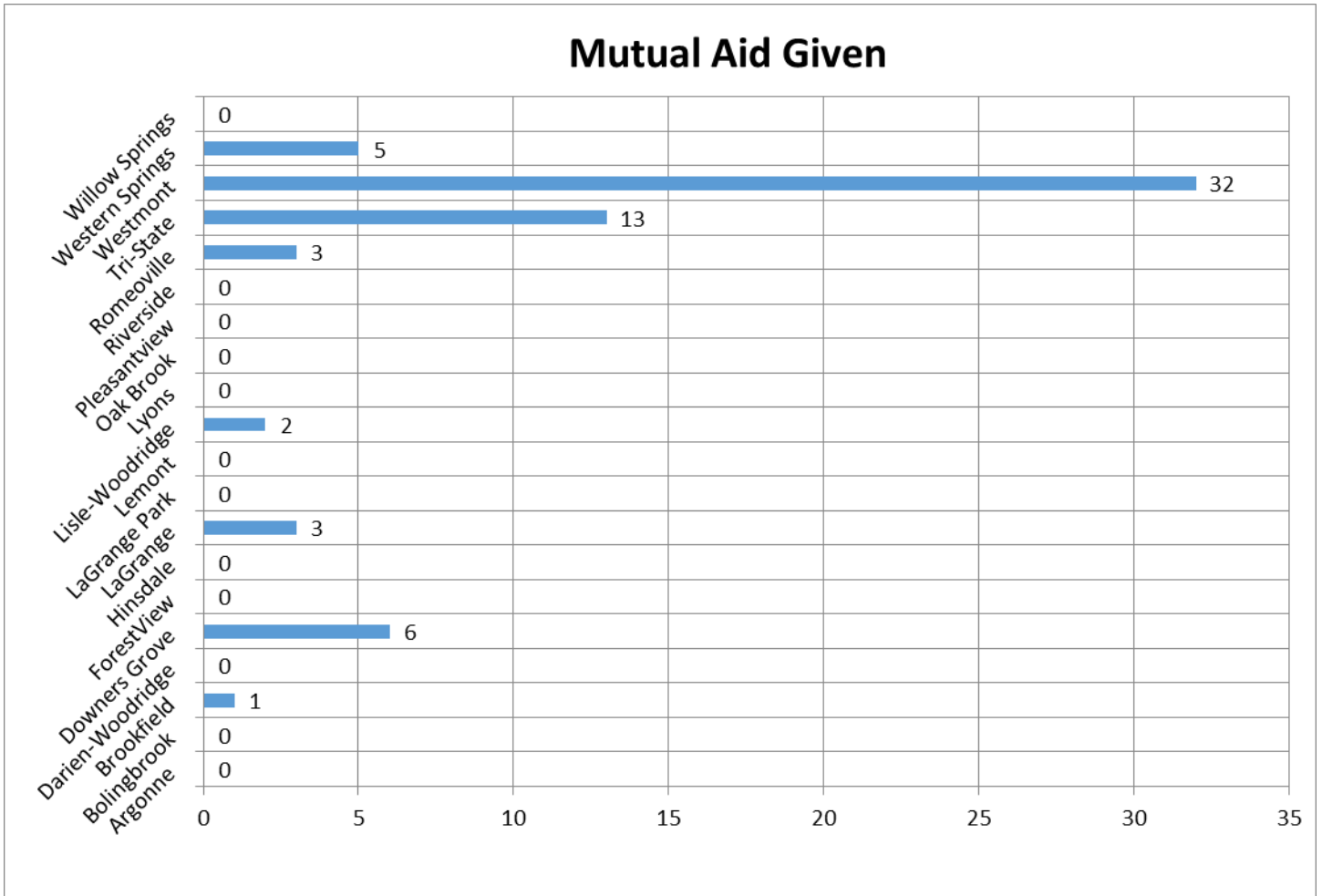
		15	1.39%	1.60%
3	Rescue & Emergency Medical Service Incident			
321	EMS call, excluding vehicle accident w/injury	434	257	177
322	Motor vehicle accident w/injury	27	23	4
323	Motor vehicle/pedestrian accident (MV Ped)	3	2	1
324	Motor vehicle accident with no injuries	17	9	8
353	Removal of victim(s) from stalled elevator	2	1	1
		483	45.41%	51.06%
4	Hazardous Condition (No Fire)			
411	Gasoline or other flammable liquid spill	3	3	
412	Gas leak (natural gas or LPG)	25	17	8
424	Carbon monoxide incident	3	2	1
440	Electrical wiring/equipment problem, Other	1	1	
441	Heat from short circuit (wiring)	3	2	1
442	Overheated motor	3	2	1
444	Power line down	14	7	7
445	Arching, shorted electrical equipment	2	2	
		54	5.59%	4.81%
5	Service Call			
511	Lock-out	9	8	1
522	Water or steam leak	3	3	
531	Smoke or odor removal	2	1	1
551	Assist police or other governmental agency	2	1	1
552	Police matter	1	1	
553	Public service	4	4	
554	Assist invalid	50	31	19
555	Defective elevator, no occupants	1	1	
561	Unauthorized burning	1		
571	Cover assignment, standby, move-up	210	138	72
		283	29.23%	25.40%
6	Good Intent Call			
611	Dispatched & cancelled en-route	7	6	1
622	No Incident found on arrival at dispatch address	9	5	4
651	Smoke scare, odor of smoke	1	1	
661	EMS call, party transported by non-fire	2	1	1
		19	2.02%	1.60%
7	False Alarm & False Call			
7301	Trouble Fire Alarm - Due to System Malfunction	34	25	9
733	Smoke detector activation due to malfunction	6	3	3
734	Heat detector activation due to malfunction	1	1	
735	Alarm system sounded due to malfunction	14	9	5
7351	Residential Fire Alarm - System Malfunction	10	4	6
736	CO detector activation due to malfunction	13	7	6

740	Unintentional transmission of alarm, Other	1	1	
7401	Trouble Fire Alarm - TX Line/Human Error	2	1	1
743	Smoke detector activation, no fire - unintentional	26	17	9
744	Detector activation, no fire - unintentional	7	4	3
745	Alarm system activation, no fire - unintentional	13	11	2
7451	Residential Fire Alarm - Unintentional Human Error	23	18	5
746	Carbon monoxide detector activation, no CO	2	1	1
		152	15.86%	13.36%
8	Severe Weather & natural Disaster			
812	Flood Assessment	10	2	8
814	Lightning strike (no fire)	1	1	
		11	0.46%	2.13%
	Total Incident Count	1017		

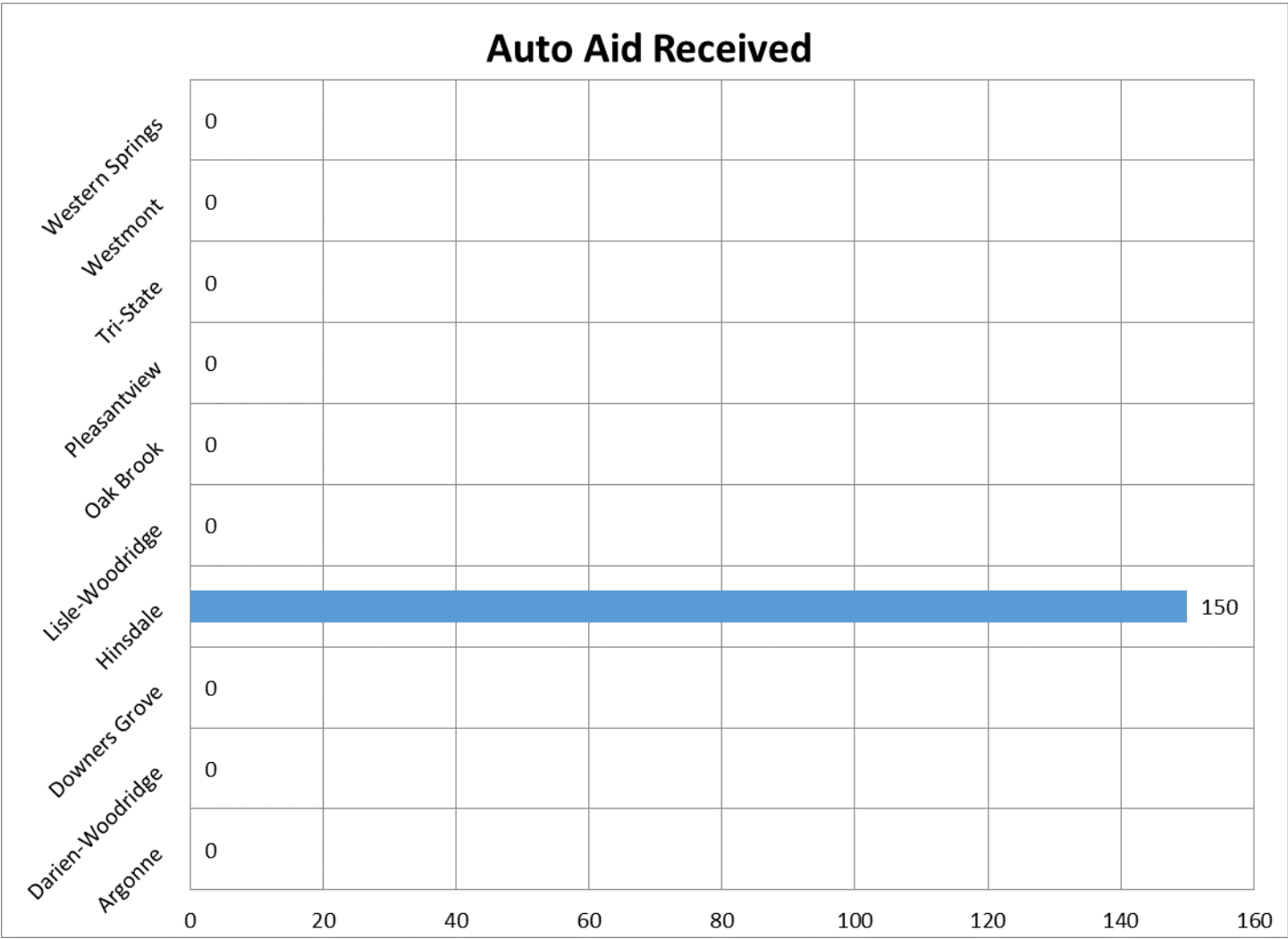
Mutual Aid "Received" Responses (FIRE / EMS)



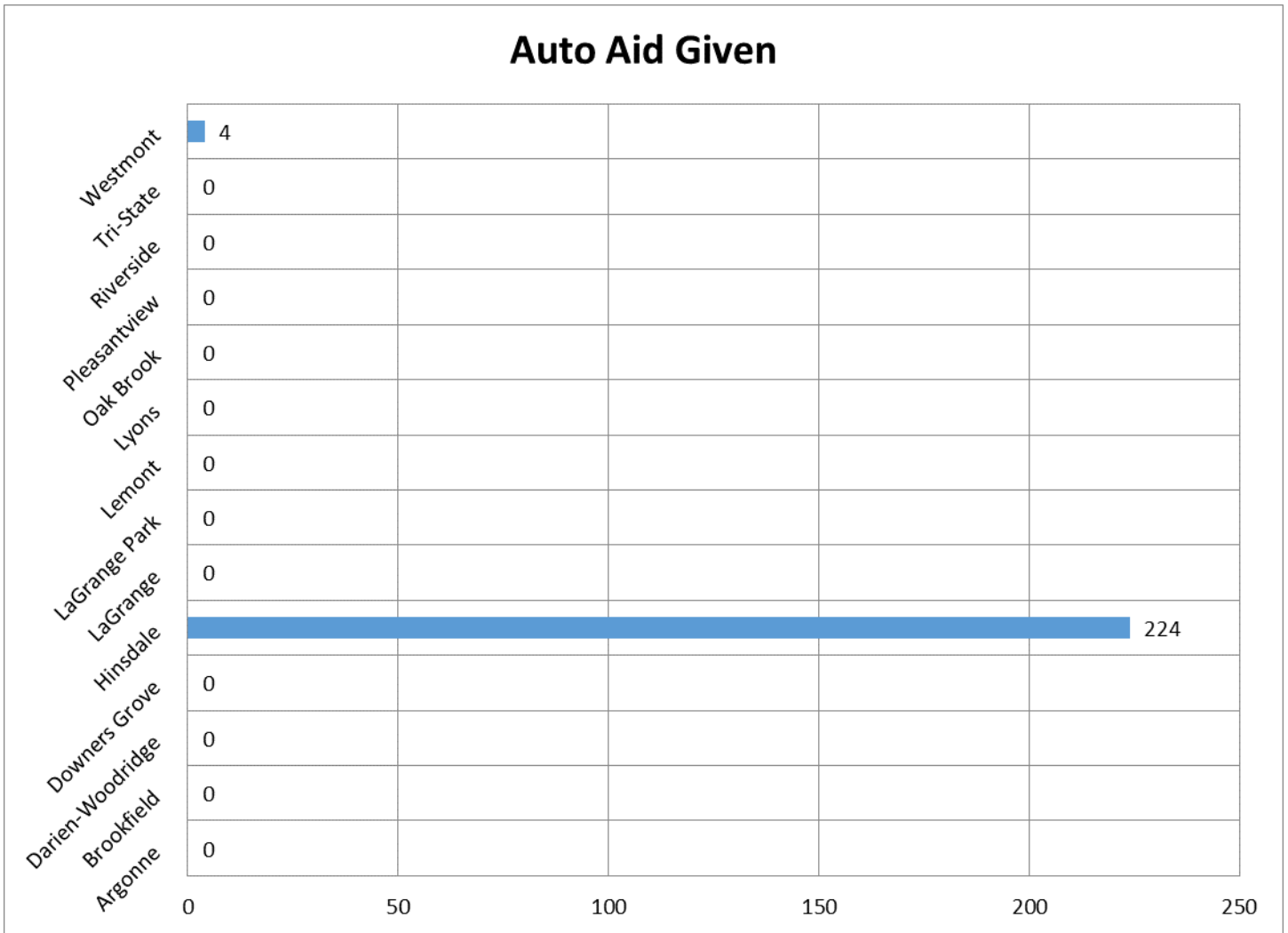
Mutual Aid "Given" Responses (FIRE / EMS)



Auto Aid "Received" Responses (FIRE / EMS)

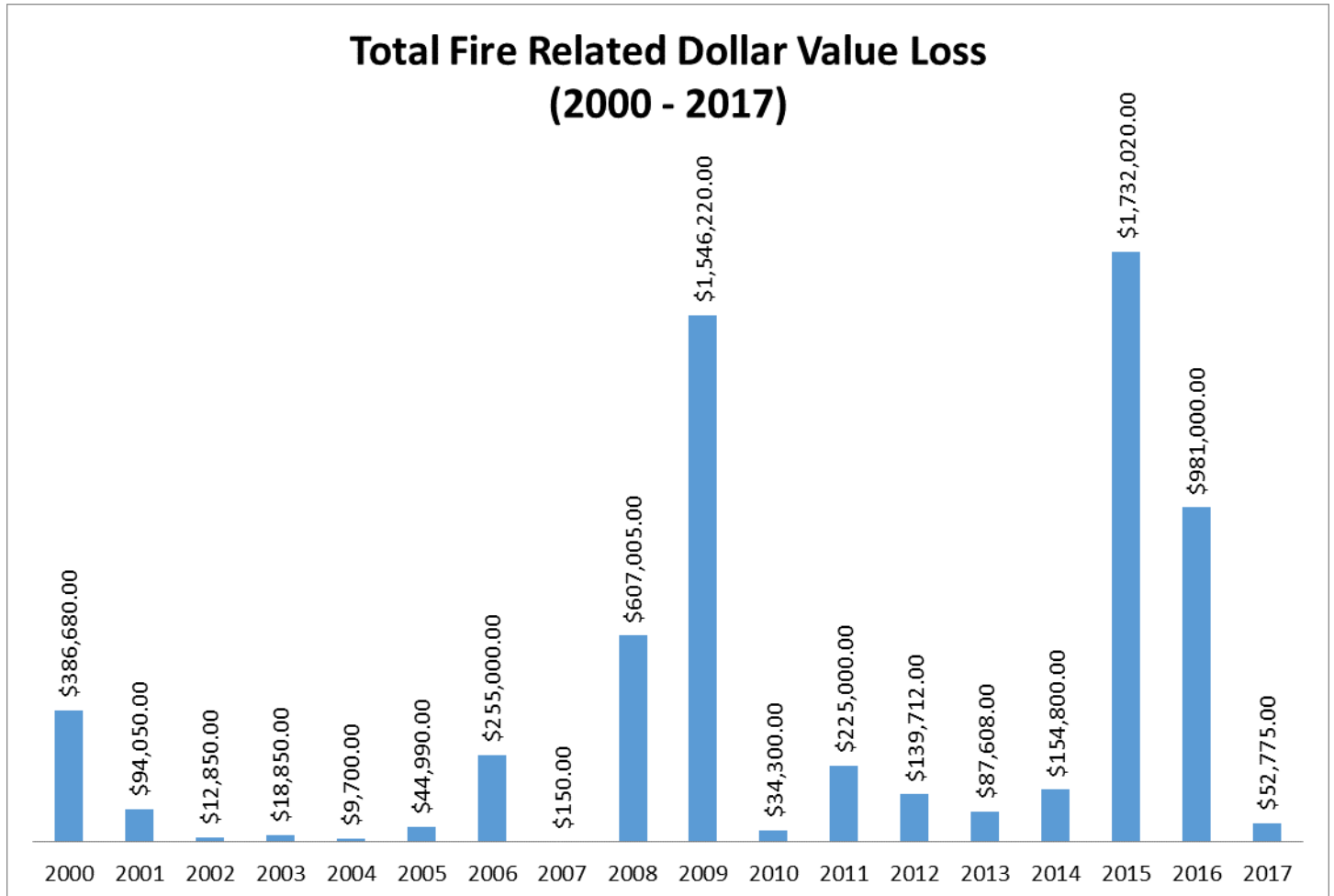


Auto Aid "Given" Responses (FIRE / EMS)



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



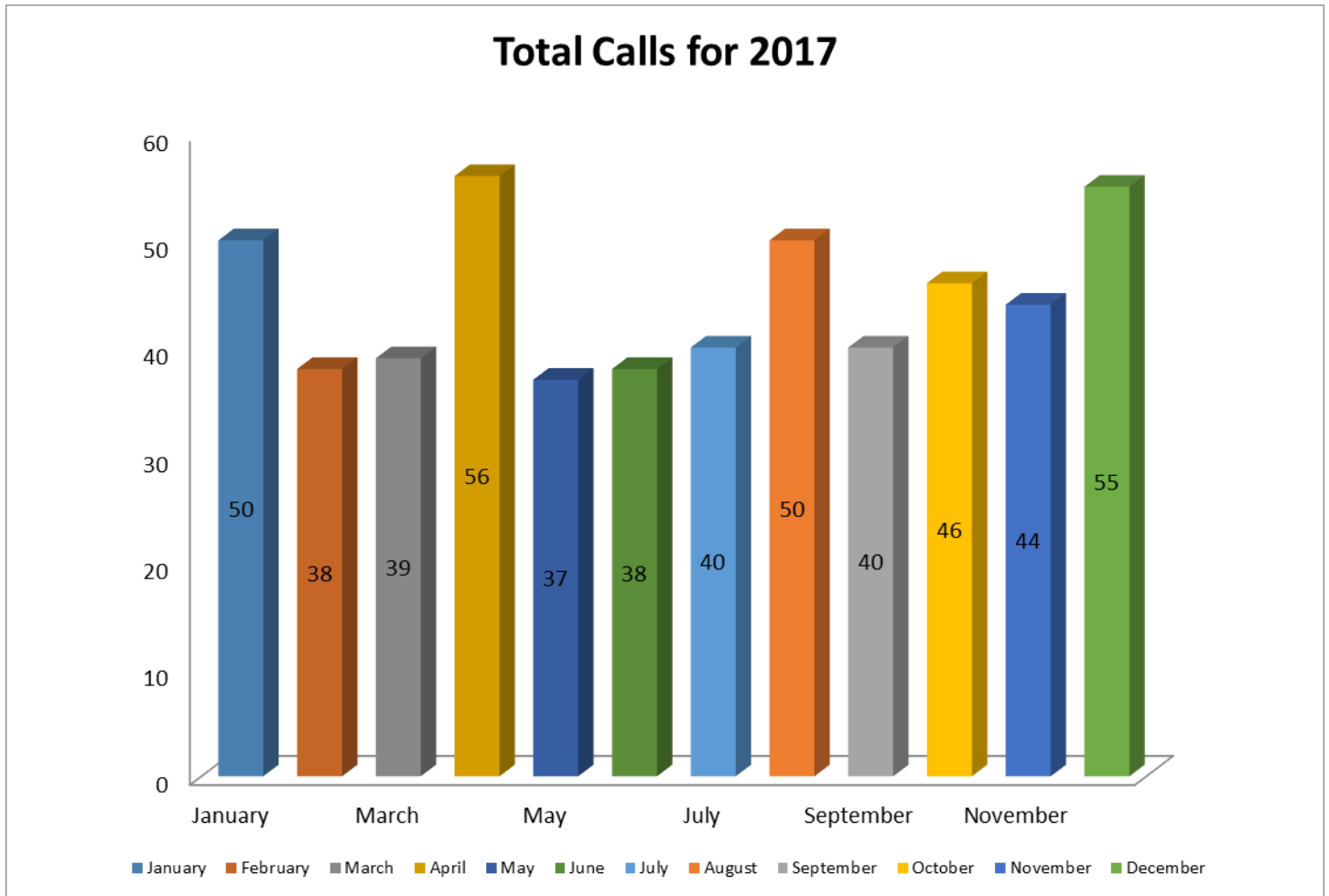
Detailed Related Dollar Losses 2017

Date	Incident #	Address	Type of problem	Total Loss
January 4, 2017	17-0011	21 58th St	Rubbish Fire	\$25.00
February 2, 2017	17-0089	99 Park Ave	Passenger Vehicle Fire	\$8,000.00
March 8, 2017	17-0173	135 Hiawatha Dr	Power Line Down	\$3,500.00
April 17, 2017	17-0287	108 Oxford Ave	Rubbish Fire	\$1,000.00
June 10, 2017	17-0418	305 Ridge Ave	Electrical Fire	\$1,000.00
June 10, 2017	17-0420	14 N Prospect Ave	Fire in Structure	\$300.00
August 3, 2017	17-0563	144 Ann St	Building Fire	\$3,200.00
September 26, 2017	17-0713	230 N Jackson Ave	Outside Storage	\$4,000.00
November 4, 2017	17-0849	49 Golf Ave	Chimney Fire	\$250.00
December 2, 2017	17-0928	346 55th St	Building Fire	\$1,500.00
December 31, 2017	17-1017	41 58th St	Building Fire	\$30,000.00

Total Loss	\$52,775.00
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EMS Division

Emergency Medical Services Call History



Total Calls by Year 1990 to 2017

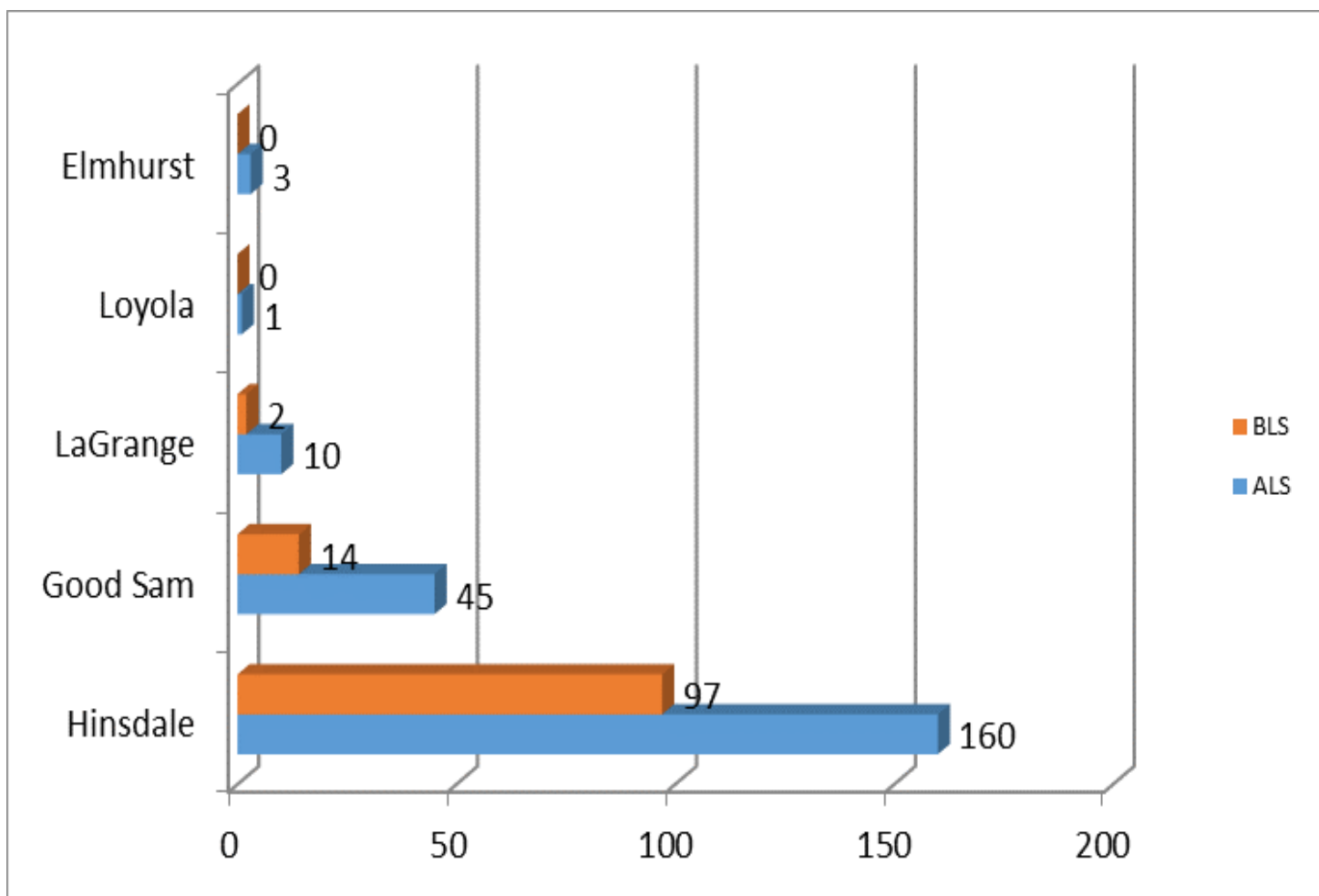
Year	Calls
1990	260
1991	245
1992	201
1993	236
1994	224
1995	219
1996	221

Year	Calls
1997	253
1998	259
1999	292
2000	331
2001	299
2002	387
2003	399

Year	Calls
2004	417
2005	465
2006	431
2007	463
2008	428
2009	446
2010	449

Year	Calls
2011	404
2012	475
2013	488
2014	459
2015	512
2016	428
2017	533

Total Hospital Transports by Level and Hospital for 2017



Year	Total Advanced Life Support (ALS)	Total Basic Life Support (BLS)	Non-Transport
2008	209	82	92
2009	193	104	144
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

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

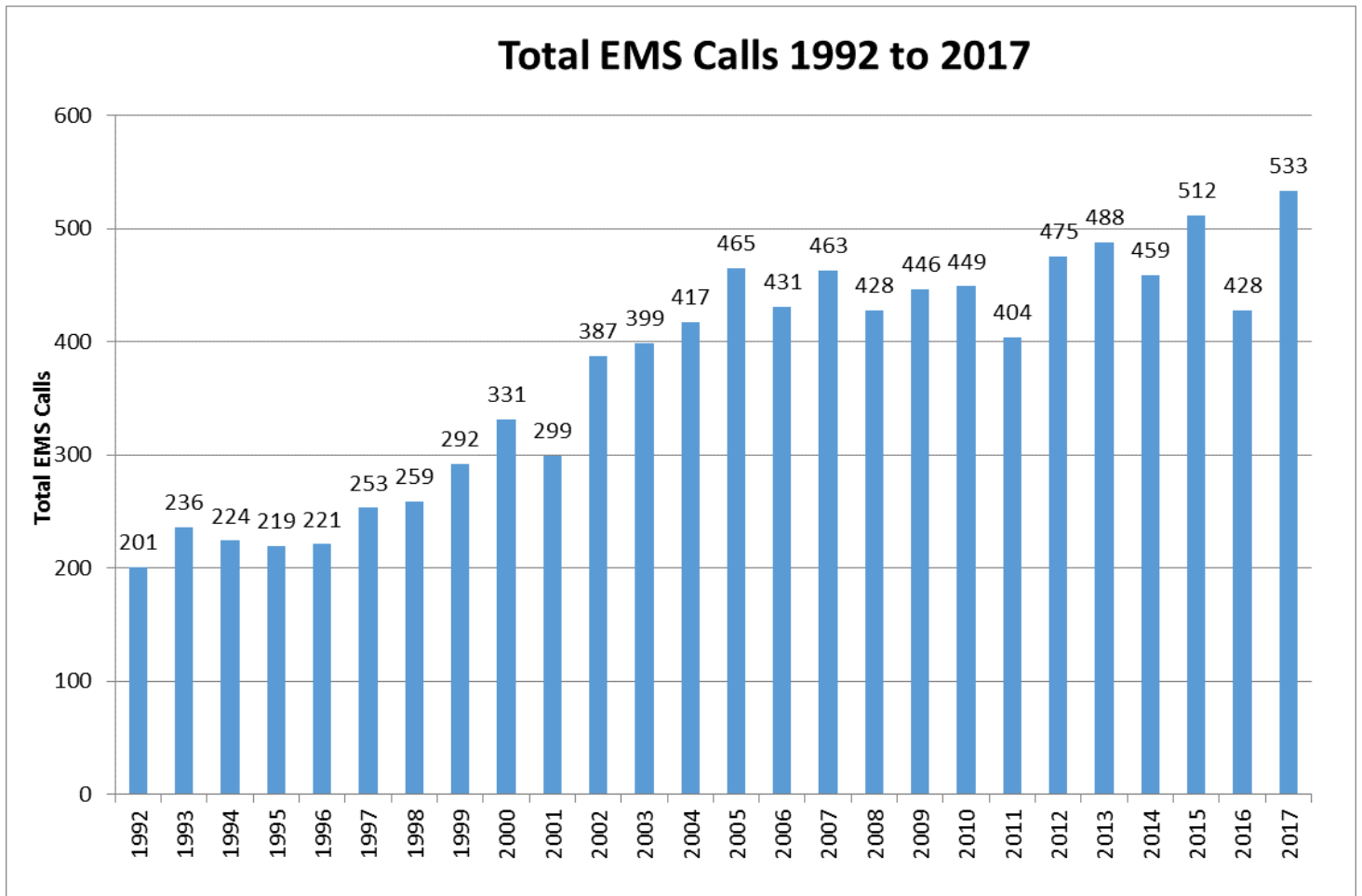
**The following numbers represent PCR Tablet
(Transported and Invalid Assist) 2012 – 2017**

Year	2012	2013	2014	2015	2016	2017
None	8	5	21	11	24	23
Abdominal Pain/Problem	24	17	10	7	7	13
Airway Obstruction / Choking	-	2	2	1	4	
Allergic Reaction	-	6	4	1	1	2
Altered LOC	23	13	21	18	15	14
Behavioral	5	23	19	24	17	15
Bleeding	18	15	17	11	8	13
Burns	-	1	0	0	0	
Cardiac Rhythm Disturbance	5	5	3	7	2	3
Cardiac /Traumatic / Respiratory Arrest	3	2	1	1	5	3
Chest Pain	16	12	6	3	10	14
Cough	-	-	-	-	2	2
Diabetic Symptoms (Hypo/Hyper)	5	4	6	6	8	6
Diarrhea	-	-	-	-	3	4
ETOH Abuse	3	15	11	6	12	13
Fatigue	-	-	-	1	0	4
Fever	4	1	10	8	3	1
Flu-Like Symptoms	7	10	9	14	7	3
Headache	3	-	3	2	6	
Hypertension	6	6	1	4	0	2
Hypotension	1	5	0	1	0	
Hyperthermia	1	5	0	1	0	
Hypothermia	-	1	0	0	0	
Hypovolemia / Shock	-	1	0	0	0	
Inhalation Injury (Toxic Gas)	1	-	0	0	0	
Invalid Assist	-	-	-	18	13	22
MPR	-	-	-	4	6	3
Musculoskeletal Injury	41	33	24	39	24	27
Nausea/Vomiting	3	8	5	2	4	8
No Apparent Injury	44	27	31	38	26	19
Non EMS Assist	-	-	-	1	3	3
Not Applicable	34	38	29	44	40	92
Not Available	2	1	3	6	14	10
Non-Impaired Refusal	-	-	-	2	8	1
Not Known	7	2	1	3	0	4
No Patient Found	-	-	-	10	7	7
No Treatment Required	-	-	-	3	3	3
Obvious Death / Dead at Scene	4	2	1	6	1	5
Other (See Narrative)	22	31	45	27	15	21
Pain - Back	12	18	15	15	10	16

Pain - Chest	2	1	4	4	4	3
Pain - Extremity	14	19	18	23	12	11
Pain - Eye	1	-	-	-	0	1
Pain - Head	2	4	2	5	2	7
Pain - Muscle	-	-	-	1	0	
Patient Assist	7	16	0	1	0	3
Patient Evaluated, No Treatment / Transport						
Poisoning/Drug Ingestion	8	3	2	0	1	5
Pregnant/OB Delivery/Miscarriage	0	0	1	0	0	
Psychiatric Disorder	28	11	5	7	6	11
Refused Care, Guardian	-	-	-	12	10	10
Refused Care, Patient	-	-	-	45	58	54
Respiratory Arrest	-	-	-	1	0	
Respiratory Distress / Breathing Difficulty	21	17	19	14	14	17
Seizure	8	5	12	8	10	5
Sexual Assault / Rape	-	-	-	-	1	
Smoke Inhalation	1	-	0	0	0	
Stings / Venomous Bites	-	-	-	-	1	
Stroke/CVA	7	5	5	5	7	4
Syncope/Fainting/Dizziness	16	13	10	14	11	17
Traumatic Injury	9	22	20	25	23	16
Treat and Released	-	-	-	2	3	
Unconscious/Unresponsive	2	3	4	4	3	2
Vaginal Bleeding	-	-	-	1	0	
Vomiting	-	-	-	1	1	1
Weakness	22	25	23	20	20	20
Well Being Check	3	1	1	6	2	2
Total	453	454	424	544	497	565

Age of Patients Transported / PCR Written

Age	ALS Other	Behavioral / Psychologic	BLS Other	Invalid Assist	No Patient Found	Non-Impaired	None	Refused Care	Seizure	Stroke	Total
0 to 10 Years	2	0	4	0	0	1	0	4	0	0	11
10 to 20 Years	9	2	14	0	0	0	0	6	0	0	31
20 to 30 Years	11	0	9	0	0	2	0	10	0	0	32
30 to 40 Years	12	0	10	0	0	1	1	4	0	0	28
40 to 50 Years	9	0	10	0	0	2	0	5	0	0	26
50 to 60 Years	26	1	9	1	0	2	0	7	1	1	48
60 to 70 Years	37	0	13	1	0	2	0	4	0	0	57
70 years or older	119	0	49	24	0	5	0	20	1	1	219
DOB not Recorded	2	1	0	0	6	0	0	1	0	0	10
	227	4	118	26	6	15	1	61	2	2	462



In 2017, 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 or Accidents:

Mutual Aid Given response occurred **25** times

Auto Aid Given Response occurred **50** times

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

Mutual Aid Received **4** times

Auto Aid Received **39** times

EMS Division Training for 2017

The EMS Division of the Clarendon Hills Fire Department has successfully completed or obtained the following items in an attempt 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 teach CPR in all levels for the department:

Capt. Jim Jung
Lt Jim Weil
FF/PM Dave Godek
FF/EMT Matt Ladniak
FF/EMT Jim Schlicher

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

Lt Jim Weil
FF/PM Dave Godek

Other eligible instructors for the department are;

FF/PM Sean Russell (CPR and ACLS)

Department instructors taught CPR for the following levels

Healthcare Provider
Heartsaver First Aid / CPR
Friends and Family

EMS Division Updates

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.

Zoll Tablet

We have had quarterly ZOLL Tablet updates this year to address issues also all of the new SOP's / Drug changes have been loaded. In November 2017 we upgraded to Zoll 6.2 / Nemsis 3.

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 CarePoint Station, Cath Lab and the Lt. Jim Weil's email, this is for Hinsdale only.

New EMS Personal

In 2017 (1) person completed In-Service Testing as EMT

EMS Recertification Classes

All of the departments Paramedics and EMT-B's have continued the mandatory number of Continuing Educations hours to be Re-Licensed.

CPR/AED Training and Instruction & Maintenance

In February, EMS Coordinator Dave Godek coordinated the annual servicing of all Village Owned AED's (18) along with 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 and re-certifies it for another 1 year period.

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 2017 Clarendon Hills CPR/AED Instructors trained and certified 486 people in CPR/AED use. CPR classes are provided free to residents, businesses and employees of village businesses. Here is the breakdown of classes we teach Heartsaver First Aid, Heartsaver AED, Healthcare Provider and Friends and Family.

In 2017 we taught approx. 200 students at CHMS in the 8th grade Health education classes.

2017 EMS Training Summary Report

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

Month	Topic
January	Pediatric Chest pain
February	legal / Documentation
March	Respiratory Poisons
April	Altered Mental Status / Stroke
May	Loyola EMS Skills
June	In-House Training (No Region 8 Subject Area)
July	Sepsis
August	Head Injuries & Concussion
September	OB Emergencies
October	Potpourri and Pot
November	Loyola EMS Skills
December	Annual CPR / CPAP / Auto-Pulse (No Region 8 Subject Area)

Public Services/Education
Fire Prevention Division

In 2017, we conducted in the a number of fire station tours Fire/Life Safety Talks to Boy / Girl Scout, Cub and Brownie Troops. We also participated in the following events: Clarendon Hills Christmas Walk, Daisy Days, Daisy Dash, Ice Cream Socials at Prospect and Walker School, Blackhawks Heights and Stonegate Halloween Parades and a number of Block Parties.

During Fire Prevention Week, the Fire Prevention Division made visits to Prospect, Walker, Notre Dame, Clarendon Hills Middle School, Pre-Schools at Celebration (Christ Lutheran Church), Community Presbyterian Church, Clarendon Hills Park District and Seton Montessori. During these visits fire prevention education was presented to each student. Contact was made with 1,500 elementary, pre-school students

The Annual Fire Department Fire Prevention Week Open House was held on Saturday, October 7, 2017. This event was attended by more than 1,000 adults and children.

During 2017 Clarendon Hills Fire Prevention Officer David Godek conducted the following inspectional duties:

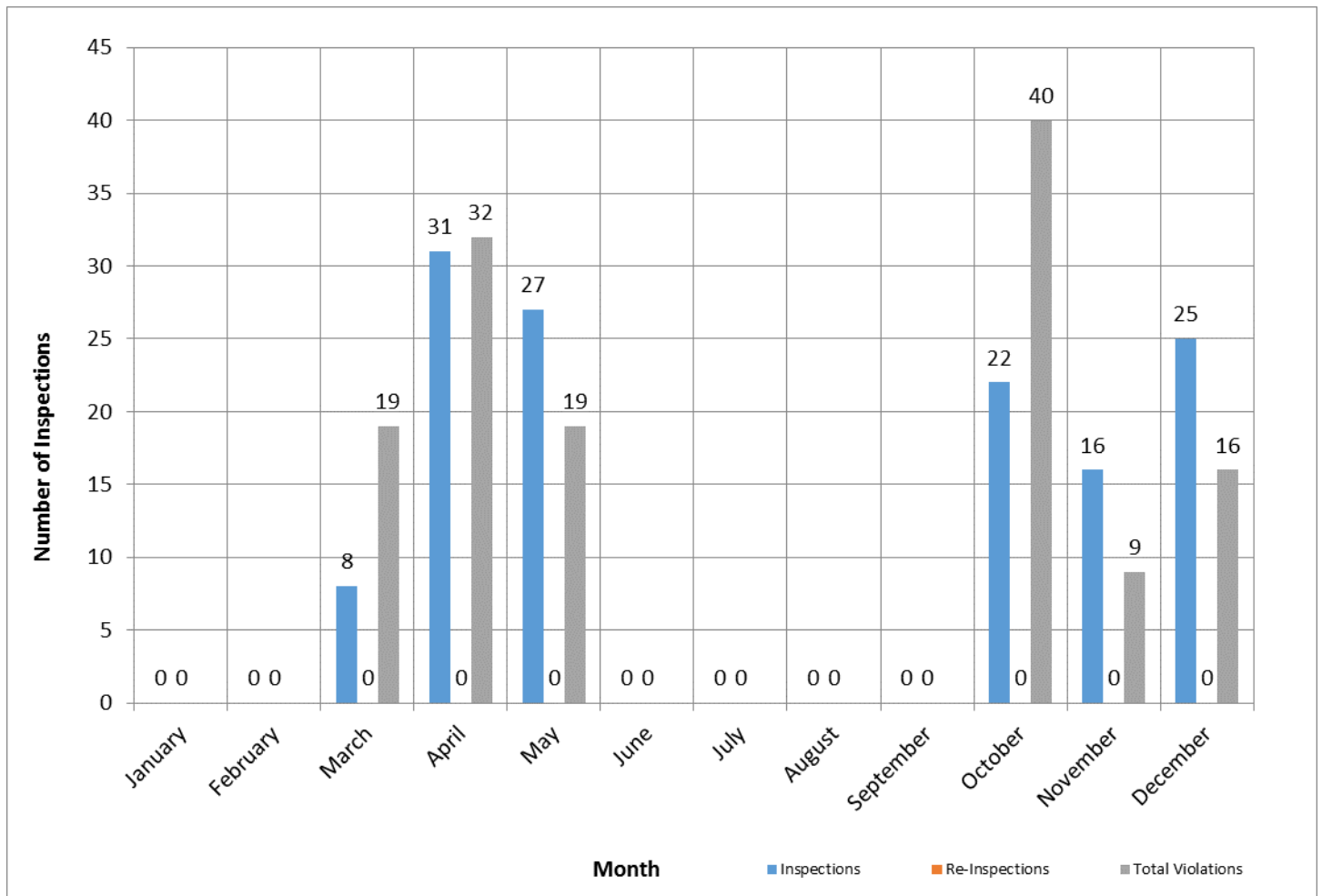
Annual Fire and Life Safety Inspections	130
Fire and Life Safety follow up re-inspections	9
Final Occupancy Inspections	6
New Fire Alarm System Inspections	3
Voluntary Single Family Sprinkler System Tests	0

Detailed Related Dollar Losses 2017

Date	Incident #	Address	Type of problem	Total Loss
January 4, 2017	17-0011	21 58th St	Rubbish Fire	\$25.00
February 2, 2017	17-0089	99 Park Ave	Passenger Vehicle Fire	\$8,000.00
March 8, 2017	17-0173	135 Hiawatha Dr	Power Line Down	\$3,500.00
April 17, 2017	17-0287	108 Oxford Ave	Rubbish Fire	\$1,000.00
June 10, 2017	17-0418	305 Ridge Ave	Electrical Fire	\$1,000.00
June 10, 2017	17-0420	14 N Prospect Ave	Fire in Structure	\$300.00
August 3, 2017	17-0563	144 Ann St	Building Fire	\$3,200.00
September 26, 2017	17-0713	230 N Jackson Ave	Outside Storage	\$4,000.00
November 4, 2017	17-0849	49 Golf Ave	Chimney Fire	\$250.00
December 2, 2017	17-0928	346 55th St	Building Fire	\$1,500.00
December 31, 2017	17-1017	41 58th St	Building Fire	\$30,000.00

Total Loss	\$52,775.00
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Total Inspections, Re-Inspections and Violations by Month for 2017



Total Inspections conducted by the Fire Prevention Staff

Month	Inspection Completed	Re-Inspections	Total Violations
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January	0	0	
February	0	0	
March	8	0	19
April	31	0	32
May	27	0	19
June	0	0	
July	0	0	
August	0	0	
September	0	0	
October	22	0	40
November	16	0	9
December	25	0	16
Totals	129	0	135

Fire Inspection Violations 2010 – 2017

Violation Found	2010	2011	2012	2013	2014	2015	2016	2017
Automatic sprinkler controls blocked	-	-	-	2	-	2	2	1
Automatic sprinkler needs to be inspected	1	-	-	1	-			5
Automatic sprinkler system requires maintenance	-	1	2	10	11	3		
Auto Doors Provide, Repair or Replace Auto Door Closers	-	-	-	-	-	-	1	
Boiler certification expired or missing	9	2	13	6	5	1	1	2
Building key(s) require updating	-	-	-	-	-	2	-	
Ceiling requires repairs	2	4	5	3	6	4	2	2
Combustibles are stored too close to heat source(s)	5	2	-	3	5	1	1	
Electric plug, switch or breaker replaced	-	-	-	1	1	2	1	1
Electrical components require repair or replacement	-	2	-	-	7			1
Electrical panels must be kept closed and area clean	9	11	1	12	24	9	5	5
Emergency light(s) needed or unit(s) require repair/replacement	34	40	49	70	76	39	35	34
Exit door(s) Blocked	-	-	-	-	9	1	3	5
Exit door(s) Blocked while occupied	-	-	-	-	3	1	1	
Exit door(s) require repair/replacement	-	-	1	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	26	34	46	35	43	21	19	15
Exit sign(s) missing or need to be repaired	-	-	-	14	5	21		
Exits and pathways to exits must be clear and unobstructed	-	3	6	7	-	6		
Extension cords overused or misused / Power Strips	-	-	-	-	-	3		1
Elevator Inspection not current or certificate visible	0	0	1	5	12	6	5	3
Elevator Controls / Disconnect accessible	-	-	-	3	5	2	3	2
FDC/Sprinkler/Standpipe blocked or not accessible	-	-	-	-	-			
Fire alarm control panel not accessible	-	-	-	-	-			
Fire alarm device requires repair	17	6	10	17	18	8	1	5
Fire door closing device(s) require adjusting or repair	-	-	-	-	-			
Fire doors must not be wedged open or obstructed	1	2	-	2	1	2		
Fire extinguisher(s) are due or past due for annual certification	13	3	17	25	25	21	16	19
Fire extinguisher(s) type, are not accessible or properly mounted	-	-	-	23	19	7		
Fire extinguisher(s) are of improper type or quantity	-	-	12	-	-		10	10
Fire extinguisher(s) are/is discharged and needs repair	17	16	-	-	-			

Fire suppression system (kitchen) needs repair or service	1	-	1	1	1	2		3
Fire suppression system (kitchen) overdue for certification	-	-	1	2	2	1		1
Flammable liquids must be kept in an approved metal cabinet	1	1	2	2	2		2	2
Gas Cylinder not chained or secured	3	5	4	7	8	10	6	5
Heat detector(s) not working	3	1	-	1	2			2
Heating system needs to be cleaned or serviced	-	-	-	-	-			
Keep a 12" clearance between ceiling and storage	2	-	1	1	-	1		1
Keep an 18" clearance from sprinkler heads	-	1	1	2	2	-		2
Knox box required by Village Ordinance / Keys Current	-	-	1	5	8		5	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	-	2	7	3		3
MSDS sheets not posted	-	2	1	1	1	1	1	2
Sign(s) prohibiting smoking must be posted & enforced	-	-	-	-	-			
Smoke detector(s) not working	-	-	-	5	-			
Sprinkler/Standpipe flow switch not supervised	-	-	-	-	-			
Storage must be kept neat and orderly	-	-	-	6	7	1	1	
Utility shut off not accessible for emergency access	3	11	9	17	45	23	5	
Repair holes in walls, ceiling or floors	-	-	6	5	5	1	2	
Totals Violations per Year	147	150	190	300	366	206	131	135

DESCRIPTION OF TRAINING & HIGHLIGHTS FOR 2017
From Capt. Mark Rediehs (Training Officer)

- The Clarendon Hills Fire Department conducts fire training every first, third and fourth Wednesday evenings 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 2017.
- Clarendon Hills has held its own training academy for years. All new recruit firefighters must be certified in Firefighter Basic Operations, Hazardous Materials, NIMS, Technical Rescue, 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. Starting this year our Recruits attended the Western Springs Academy 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 2017 the Clarendon Hills, Hinsdale and Western Springs Fire Departments continue to expand on the sharing services program by completing mutual training drills. Many live training drills were done in union. Both departments continue to work together in meeting procedure and training goals. All three departments have been very aggressive in training development for our officers and firefighters.
- 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. During 2017 Hinsdale was able to secure a commercial building to use for training as well.

- 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 has now 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 from the government in the event of a disaster or grant then we must prove that our employees are updated in their training and we are compliant. In 2017 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 30 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 local 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.
- 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 2017 annual training is held and any new hire must complete training
- These highlights of training only highlight a part of firefighter training conducted at the Clarendon Hills Fire Department in 2017. 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.

2017 REGULAR DEPARTMENT EVENING TRAINING

DATE	SUBJECT
01-04	Safety SOP's
01-18	Department SOP's
01-25	Incident Management System
02-01	Fire Behavior / Building Construction

02-15	Ladders
02-22	SCBA / Elevator Training
03-01	Size up/ Reading Smoke
03-15	Du-Comm Training
03-22	Company Pre-Plans
04-05	UL's 20 Tactical Considerations
04-17	Company Pre-Plans
04-26	Pumps/Relays/Hose
05-03	Preplans CHMS/Notre Dame
05-17	Relay Drills
05-24	Company Pre-plans
06-07	Relays by Incident Command
06-20	Auto Extrication
06-27	Paratech Training
07-18	SCBA – Ladders - Hydrants
07-25	Basic Practical's
08-01	Equipment Engine/Truck
08-15	Master Streams
08-22	New Squad 86 Training
09-06	Skid Loads
09-20	Hose Relays
09-27	Pump & Skid Loads
10-04	Basic Practical's
10-19	Step by Step Relays
10-26	Elevators –Police Department
11-01	Division Ten Policies
11-15	Driver Training – Tools and Equipment
12-06	Firefighters & Cancer
12-20	End of year Training-Motivation

2017 DEPARTMENT SCHEDULED OUTSIDE TRAINING

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
Firefighter II Academy Western Springs
NICOR Gas Training School
Class B Non-CDL Road Tests
MABAS Haz-Mat Training – Annual Drill
NIMS Training
Officer Development-Auto Aid Training
IRMA Quarterly Meetings
IRMA Regulatory Training
Mutual Training and Meetings
Recruitment & Retention Training
Parade & Firework details
Fire Prevention Open House – Silent Parade
Extrication
40+ Hour Recruit Training
Pre Plans- Tactical Walks
Pipeline Safety
New Squad #86 Training
Ladder / Pump
Rescue Tools – Paratech – New Squad Tools

2017 DEPARTMENT REGULATORY TRAINING

January	Carbon Monoxide
February	Slip's Trip's & Fall's
March	NFPA 1021 Incident Response Safety
April	Hearing Conservation
May	Back Injury Prevention

June	NFPA 1500 Hazard Communication
July	NFPA 1021 Incident Scene Management
August	NFPA 1500 Blood borne Pathogens
September	Health & Wellness
October	Trenching / Shoring
November	Building Construction
December	Eye Safety