



CLARENDON HILLS

FIRE DEPARTMENT

2016

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.

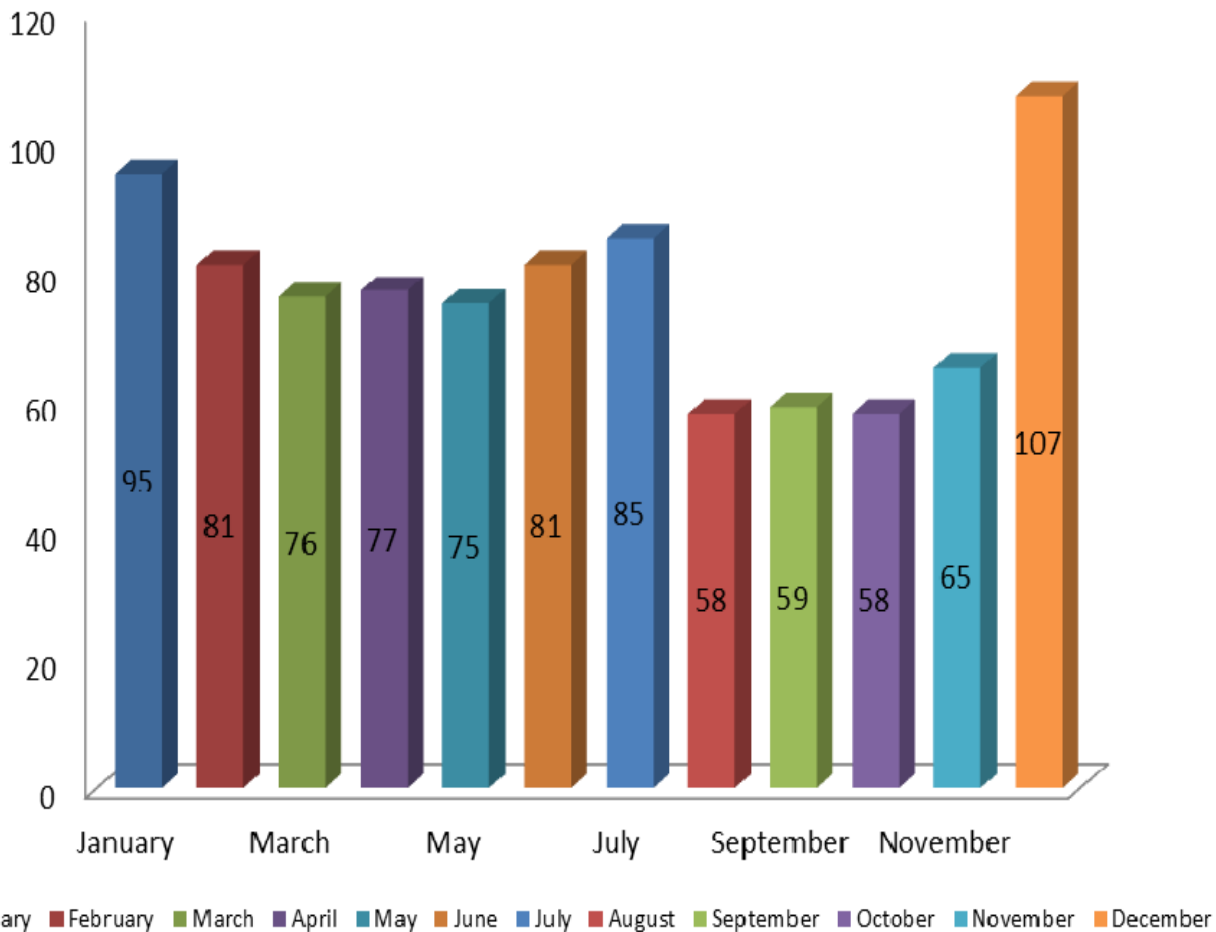
The Clarendon Hills Fire Department responded to 917 calls for emergency service in 2016. This total includes requests for both Fire and EMS service as well as activated fire alarms. The daily call average for 2016 was 2.51 calls per day.

Fire/Rescue call response emergencies were 408 (40.8%); Ambulance call response emergencies were 428 (42.8%) and Trouble Alarm investigations were 81 (8.10%).

In 2016 there were (1) 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 2016.

Total Calls for 2016



Total Calls by Year 1989 to 2016

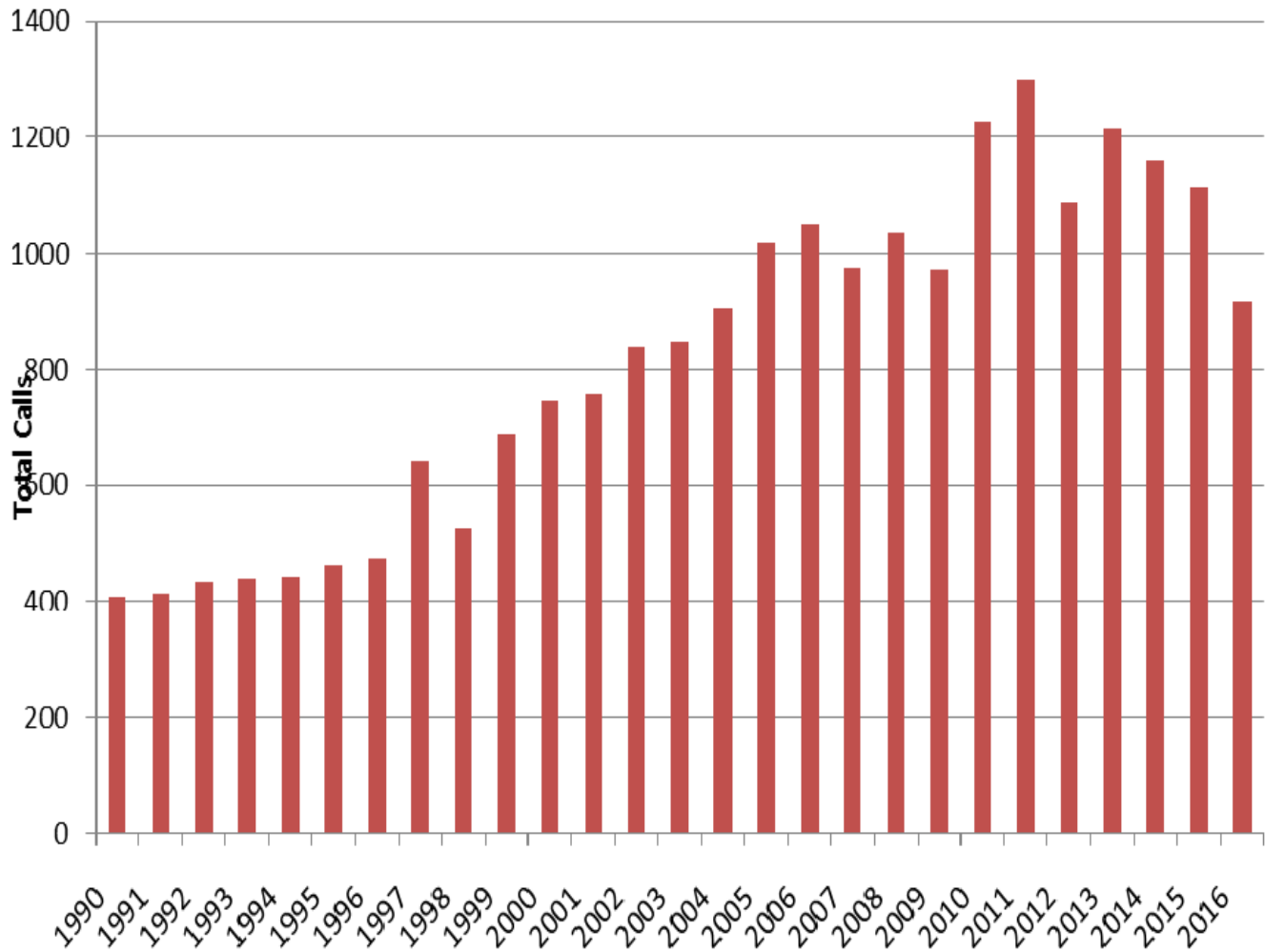
Year	Calls
1989	400
1990	407
1991	414
1992	434
1993	440
1994	442
1995	463

Year	Calls
1996	474
1997	644
1998	528
1999	688
2000	746
2001	758
2002	838

Year	Calls
2003	846
2004	905
2005	1018
2006	1049
2007	974
2008	1035
2009	971

Year	Calls
2010	1228
2011	1298
2012	1087
2013	1216
2014	1160
2015	1114
2016	917

Total Emergency Responses from 1990 to 2016



Incident Type Report (Summary – 2016)

Incident Type	Category	Count	Pct. of Incidents	Total Est Loss	Pct. of Losses
1	Fire				
111	Building Fire	5	0.54%	\$783,000.00	79.81%
112	Fire in structure other than in a building	2	0.21%	\$20,000.00	2.03%
113	Cooking fire, confined to container	1	0.10%	\$13,000.00	1.32%
131	Passenger vehicle fire	1	10.00%	\$3,700.00	0.37%
142	Brush or brush-and grass mixture fire	1	0.10%	\$0.00	0.00%
143	Grass fire	1	0.10%	\$0.00	0.00%
154	Dumpster or other outside trash receptacle	1	0.10%	\$0.00	0.00%
160	Special outside fire, other	1	0.10%	\$150.00	0.10%
		13	1.41%	\$819,850.00	83.57%

3	Rescue & Emergency Medical Service Incident				
321	EMS call, excluding vehicle accident w/injury	356	38.82%	\$0.00	0.00%
322	Motor vehicle accident w/injury	31	3.38%	\$10,000.00	1.01%
323	Motor vehicle/pedestrian accident (MV Ped)	1	0.10%	\$0.00	0.00%
324	Motor vehicle accident with no injuries	9	0.98%	\$0.00	0.00%
351	Extrication of victim (s) from	1	0.10%	\$150,000.00	15.29%
353	Removal of victim(s) from stalled elevator	3	0.32%	\$0.00	0.00%
		401	43.72%	\$160,000.00	16.30%
4	Hazardous Condition (No Fire)				
410	Combustible/flammable gas/liquid condition	1	0.10%	\$0.00	0.00%
411	Gasoline or other flammable liquid spill	2	0.21%	\$0.00	0.00%
412	Gas leak (natural gas or LPG)	23	2.50%	\$0.00	0.00%
424	Carbon monoxide incident	8	0.87%	\$0.00	0.00%
440	Electrical wiring/equipment problem, Other	2	0.21%	\$0.00	0.00%
441	Heat from short circuit (wiring)	1	0.10%	\$0.00	0.00%
442	Overheated motor	2	0.21%	\$0.00	0.00%
444	Power line down	13	1.41%	\$0.00	0.00%
445	Arching, shorted electrical equipment	7	0.76%	\$0.00	0.00%
		59	6.43%	\$0.00	0.00%
5	Service Call				
511	Lock-out	9	0.98%	\$0.00	0.00%
522	Water or steam leak	5	54.00%	\$0.00	0.00%
531	Smoke or odor removal	20	2.18%	\$1,150.00	0.11%
551	Assist police or other governmental agency	7	0.76%	\$0.00	0.00%
552	Police matter	1	0.10%	\$0.00	0.00%
553	Public service	8	0.87%	\$0.00	0.00%
554	Assist invalid	27	2.94%	\$0.00	0.00%
555	Defective elevator, no occupants	2	0.21%	\$0.00	0.00%
561	Unauthorized burning	1	0.10%	\$0.00	0.00%
571	Cover assignment, standby, move up	159	17.33%	\$0.00	0.00%
		239	26.06%	\$0.00	0.11%
6	Good Intent Call				
611	No incident found on arrival at dispatch address	1	0.10%	\$0.00	0.00%
622	Authorized controlled burning	1	0.10%	\$0.00	0.00%
632	Prescribed fire	2	0.21%	\$0.00	0.00%
652	Steam, vapor, fog or dust thought to be smoke	1	0.10%	\$0.00	0.00%
661	EMS call, party transported by non-fire	1	0.10%	\$0.00	0.00%
		6	0.65%	\$0.00	0.00%
7	False Alarm & False Call				
711	Municipal alarm system, malicious false	1	0.10%	\$0.00	0.00%
7301	Trouble Fire Alarm - Due to System Malfunction	68	7.41%	\$0.00	0.00%
731	Sprinkler activation due to malfunction	2	0.21%	\$0.00	0.00%
733	Smoke detector activation due to malfunction	12	1.30%	\$0.00	0.00%
735	Alarm system sounded due to malfunction	17	1.85%	\$0.00	0.00%

7351	Residential Fire Alarm - System Malfunction	13	1.41%	\$0.00	0.00%
736	CO detector activation due to malfunction	12	1.30%	\$0.00	0.00%
740	Unintentional transmission of alarm, Other	1	0.10%	\$0.00	0.00%
7401	Trouble Fire Alarm - TX Line/Human Error	13	1.41%	\$0.00	0.00%
743	Smoke detector activation, no fire - unintentional	23	2.50%	\$0.00	0.00%
744	Detector activation, no fire - unintentional	7	0.76%	\$0.00	0.00%
745	Alarm system activation, no fire - unintentional	12	1.30%	\$0.00	0.00%
7451	Residential Fire Alarm - Unintentional Human Error	14	1.53%	\$0.00	0.00%
746	Carbon monoxide detector activation, no CO	4	0.43%	\$0.00	0.00%
		199	21.7	\$0.00	0.00%
	Total Incident Count	917		\$981,000.00	

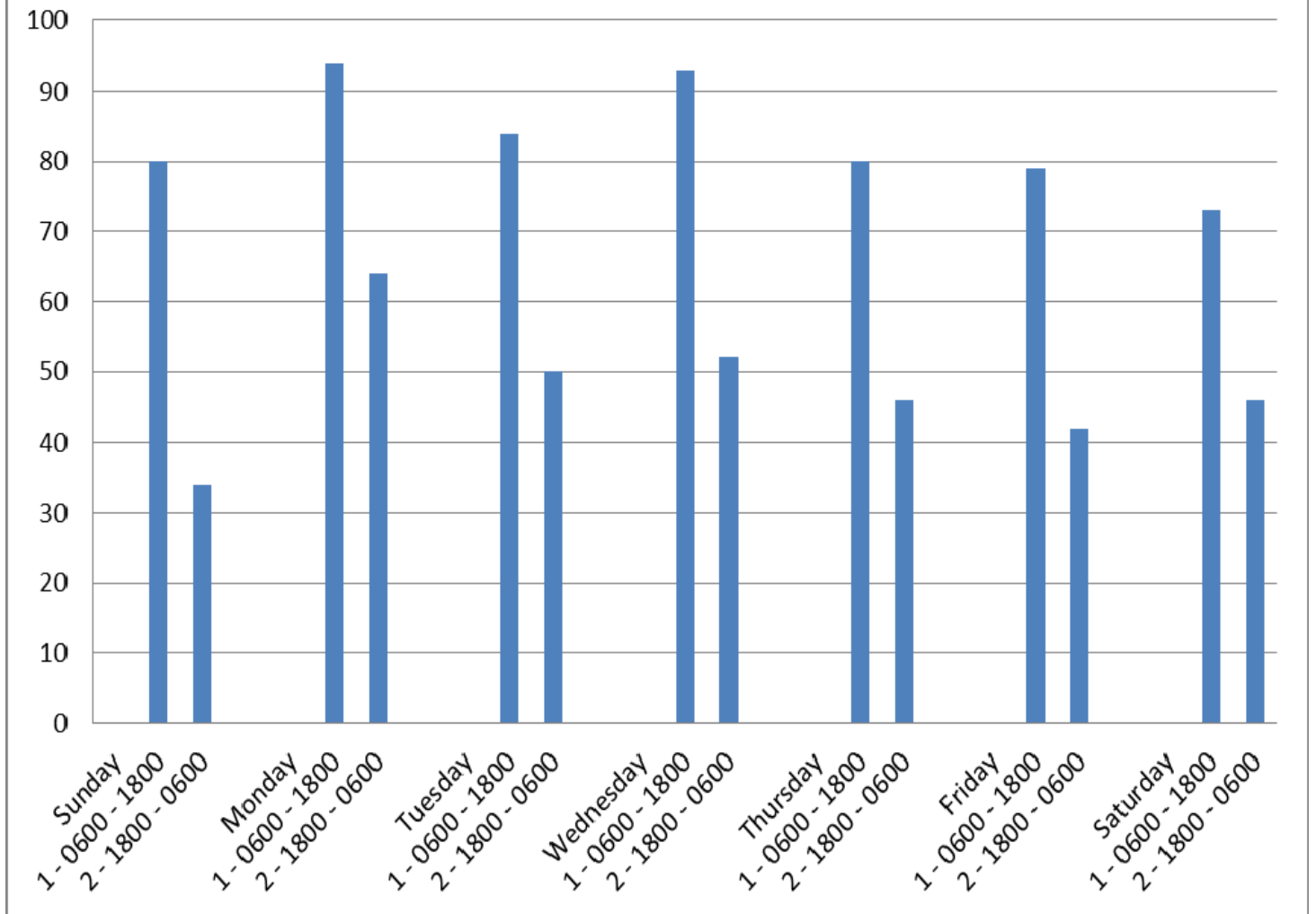
Incidents Type between 2009 and 2016

Incident Type Period Comparisons	2009	2010	2011	2012	2013	2014	2015	2016
Incident Type								
100 Fire, Other	1	2	0	0	1	0	1	0
111 Building fire	3	2	2	1	2	1	5	5
112 Fires in structure other than in a building	0	0	0	0	0	0	1	2
113 Cooking fire, confined to container	0	2	0	1	3	0	1	1
114 Chimney or flue fire, confined to chimney or flue	1	0	0	1	0	0	0	0
116 Fuel burner/boiler malfunction, fire contained	0	0	0	0	1	0	0	0
118 Trash or rubbish fire, contained	2	1	0	1	1	0	0	0
130 Mobile property (vehicle) fire, Other	1	0	0	0	0	0	0	0
131 Passenger vehicle fire	0	0	4	1	2	1	0	1
140 Natural vegetation fire, Other	0	0	0	0	0	0	1	0
142 Brush or brush-and-grass mixture fire	0	0	0	1	1	1	1	1
143 Grass Fire	0	0	1	1	0	0	0	1
150 Outside rubbish fire, Other	2	0	0	1	2	1	0	0
151 Outside rubbish, trash or waste fire	2	2	0	1	2	1	1	0
154 Dumpster or other outside trash receptacle fire	1	0	0	1	0	3	0	1
160 Special outside fire, Other	3	1	1	1	1	0	0	1
162 Outside equipment fire	1	1	0	1	2	1	1	0
173 Cultivated trees or nursery stock fire	1	0	0	0	0	0	0	0
300 Rescue, EMS incident, other	1	0	0	0	0	0	1	0
311 Medical assist, assist EMS crew	2	0	1	0	5	0	0	0
320 Emergency medical service, other	0	0	0	0	1	0	1	0
321 EMS call, excluding vehicle accident with injury	376	370	393	427	414	389	422	356
322 Motor vehicle accident with injuries	19	21	19	20	23	15	36	31
323 Motor vehicle/pedestrian accident (MV Ped)	3	5	3	3	8	3	1	1

324 Motor Vehicle Accident with no injuries	5	10	13	10	15	23	14	9
331 Lock-in (if lock out, use 511)	0	0	0	0	0	1	0	0
350 Extrication, rescue other	0	1	0	0	0	0	0	0
351 Extrication of victim (s) from	0	0	0	0	0	0	0	1
353 Removal of victim(s) from stalled elevator	5	6	3	1	5	3	3	3
357 Extrication of victim(s) from machinery	0	0	0	0	0	0	0	0
360 Water & ice-related rescue, other	0	0	0	0	1	0	0	0
400 Hazardous condition, Other	0	0	1	0	0	0	0	0
410 Combustible/flammable gas/liquid condition	0	0	0	0	0	0	1	1
411 Gasoline or other flammable liquid spill	4	1	0	2	1	0	2	2
412 Gas leak (natural gas or LPG)	16	23	15	21	15	21	18	23
413 Oil or other combustible liquid spill	0	0	0	0	0	0	0	0
421 Chemical hazard no spill or leak)	0	1	0	0	0	0	0	0
422 Chemical spill or leak	1	0	2	0	0	0	0	0
423 Refrigeration leak	0	0	0	0	0	0	0	0
424 Carbon monoxide incident	5	2	2	2	9	3	4	8
440 Electrical wiring/equipment problem, Other	2	2	3	2	2	2	0	2
441 Heat from short circuit (wiring), defective/worn	0	0	0	0	2	0	1	1
442 Overheated motor	0	5	4	2	1	6	0	2
443 Breakdown of light ballast	0	0	0	1	0	1	0	0
444 Power line down	13	28	98	6	10	8	15	13
445 Arcing, shorted electrical equipment	5	25	10	7	6	8	6	7
463 Vehicle accident, general cleanup	0	0	0	1	0	0	0	0
500 Service Call, other	0	0	0	0	1	1	1	0
510 Person in distress, Other	0	0	0	1	0	1	0	0
511 Lock-out	5	6	7	3	9	5	7	9
512 Ring or jewelry removal	0	0	1	0	0	0	0	0
520 Water problem, Other	8	2	1	0	10	0	0	0
521 Water evacuation	1	0	1	0	4	0	0	0
522 Water or steam leak	4	3	1	4	4	7	1	5
531 Smoke or odor removal	16	15	19	17	10	7	15	20
541 Animal problem	1	0	0	0	0	3	1	0
542 Animal rescue	0	1	1	0	0	0	1	0
550 Public service assistance, Other	0	0	0	1	0	0	1	0
551 Assist police or other governmental agency	2	1	3	1	1	4	0	7
552 Police matter	1	0	2	0	1	5	1	1
553 Public service	5	1	16	2	7	6	4	8
554 Assist invalid	35	36	46	15	16	25	34	27
555 Defective elevator, no occupants	2	2	2	0	0	0	2	2
561 Unauthorized burning	0	1	2	0	0	0	4	1
571 Cover assignment, standby, move up	151	281	293	284	327	316	295	159
600 Good intent call, Other	1	0	0	0	0	0	1	0

611 Dispatched & cancelled enroute	3	3	4	2	5	3	0	1
621 Wrong location	0	1	1	0	4	1	0	0
622 No Incident found on arrival at dispatch address	4	12	5	3	3	7	2	1
631 Authorized controlled burning	2	2	1	1	0	0	1	0
632 Prescribed fire	0	0	0	0	0	0	0	2
650 Steam Other gas mistaken for smoke, Other	0	0	0	1	0	0	1	0
651 Smoke scare, odor of smoke	1	1	2	2	2	1	0	0
652 Steam, vapor, fog or dust thought to be smoke	0	3	1	0	0	2	2	1
661 EMS call, party transported by non-fire agency	0	1	1	0	0	0	1	1
671 Haz-Mat release investigation w/no Haz-Mat	0	0	0	1	0	0	0	0
700 False alarm or false call, Other	0	0	0	0	1	0	0	0
710 Malicious, mischievous false call, Other	0	1	0	0	2	0	1	0
711 Municipal alarm system, malicious false alarm	1	0	0	0	1	0	0	1
713 Telephone, malicious false alarm	0	0	0	0	0	1	1	0
715 Local alarm system, malicious false alarm	0	0	0	0	0	0	0	0
730 System malfunction, Other	1	4	0	1	2	0	0	0
7301Trouble Fire Alarm - Due to System Malfunction	88	161	95	81	103	90	113	68
731 Sprinkler activation due to malfunction	0	0	0	0	2	0	1	2
733 Smoke detector activation due to malfunction	13	9	23	13	7	18	13	12
734 Heat detector activation due to malfunction	0	2	2	2	1	9	1	0
735 Alarm system sounded due to malfunction	14	19	20	25	14	20	18	17
7351 Residential Fire Alarm - System Malfunction	10	10	4	8	7	8	14	13
736 CO detector activation due to malfunction	21	21	24	22	36	26	20	12
740 Unintentional transmission of alarm, Other	0	1	0	2	0	0	0	1
7401Trouble Fire Alarm - TX Line/Human Error	8	13	15	9	14	12	11	13
741 Sprinkler activation, no fire - unintentional	2	2	2	2	3	6	1	0
743 Smoke detector activation, no fire - unintentional	47	41	63	32	30	24	28	23
744 Detector activation, no fire - unintentional	3	5	3	5	4	9	11	7
745 Alarm system activation, no fire - unintentional	12	19	25	19	26	31	21	12
7451 Residential Fire Alarm - Unintentional Human Error	28	24	19	9	11	17	18	14
746 Carbon monoxide detector activation, no CO	5	7	4	1	4	1	2	4
800 Severe weather or natural disaster, Other	0	0	3	0	0	0	0	0
812 Flood assessment	0	0	0	0	4	0	0	0
813 Wind storm, tornado/hurricane assessment	1	0	1	0	0	0	0	0
814 Lightning strike (no fire)	0	2	0	0	1	2	0	0
815 Severe weather or natural disaster standby	0	4	1	0	2	0	0	0
900 Special type of incident, other	0	0	0	0	1	0	0	0
Totals	971	1228	1289	1086	1216	1160	1114	917

Call Breakdown by Day/Shift



Call Breakdown by Day of Week / Shift

Day / Shift	Counts	Percent %
Sunday		
1 - 0600 - 1800	80	8.00%
2 - 1800 - 0600	34	3.40%
Monday		
1 - 0600 - 1800	94	9.40%
2 - 1800 - 0600	64	6.40%
Tuesday		
1 - 0600 - 1800	84	8.40%
2 - 1800 - 0600	50	5.00%
Wednesday		
1 - 0600 - 1800	93	9.30%
2 - 1800 - 0600	52	5.20%
Thursday		
1 - 0600 - 1800	80	8.00%
2 - 1800 - 0600	46	4.60%
Friday		
1 - 0600 - 1800	79	7.90%
2 - 1800 - 0600	42	4.20%
Saturday		
1 - 0600 - 1800	73	7.30%
2 - 1800 - 0600	46	4.60%

Fire Suppression Call History

Totals Emergencies Fire Responses = 478

In 2015, 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

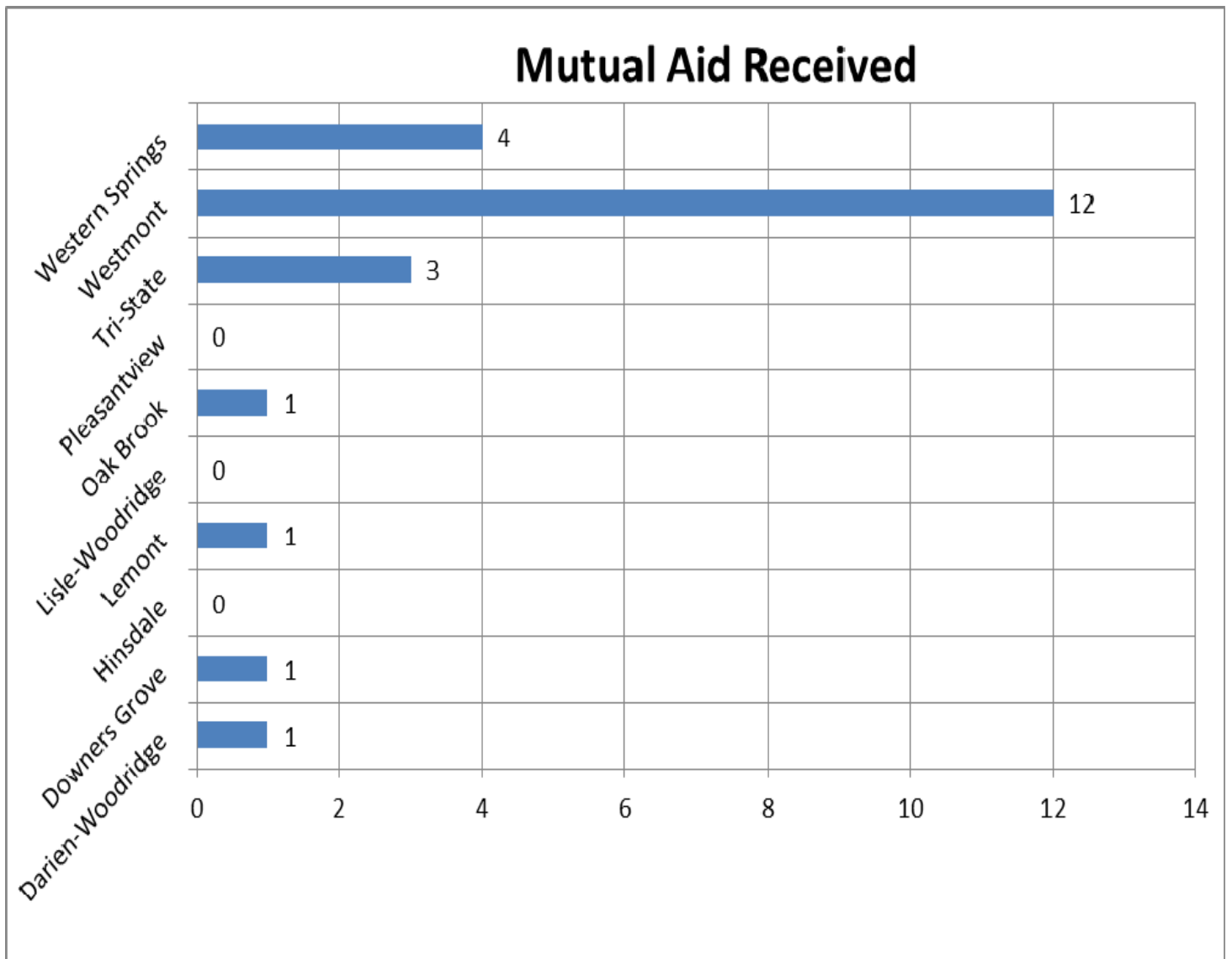
Clarendon Hills Fire Department Incident Type Report (Summary) (By Shift)

Incident Type Code	Category	Total Count	Shift 1 6:00 - 18:00	Shift 2 18:00 - 6:00
1	Fire			
111	Building Fire	5	1	4
112	Fire in structure other than in a building	2		2
113	Cooking fire, confined to container	1		1
131	Passanger vehicle fire	1		1
142	Brush or brush-and grass mixture fire	1	1	
143	Grass fire	1		1
154	Dumpster or other outside trash receptalce	1		1
160	Special outside fire, other	1	1	

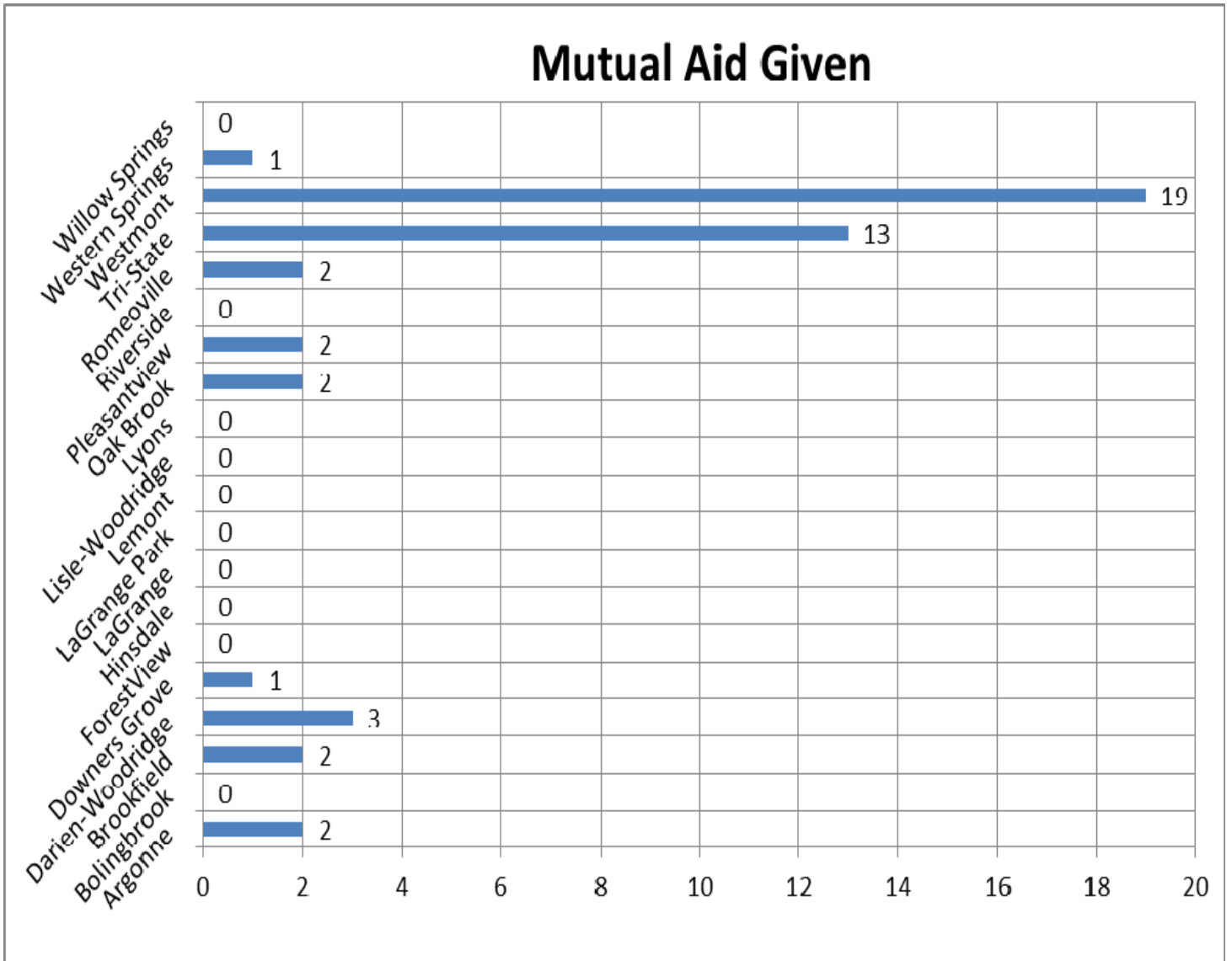
		13	3	10
3	Rescue & Emergency Medical Service Incident			
321	EMS call, excluding vehicle accident w/injury	356	234	122
322	Motor vehicle accident w/injury	31	21	10
323	Motor vehicle/pedestrian accident (MV Ped)	1	1	
324	Motor vehicle accident with no injuries	9	6	3
351	Extrication of victim (s) from	1		1
353	Removal of victim(s) from stalled elevator	3	3	
		401	265	136
4	Hazardous Condition (No Fire)			
410	Combustible/flammable gas/liquid condition	1	1	
411	Gasoline or other flammable liquid spill	2	2	
412	Gas leak (natural gas or LPG)	23	13	10
424	Carbon monoxide incident	8	5	3
440	Electrical wiring/equipment problem, Other	2		2
441	Heat from short circuit (wiring)	1	1	
442	Overheated motor	2	1	1
444	Power line down	13	10	3
445	Arching, shorted electrical equipment	7	3	4
		59	36	23
5	Service Call			
511	Lock-out	9	4	5
522	Water or steam leak	5	3	2
531	Smoke or odor removal	20	7	13
551	Assist police or other governmental agency	7	3	4
552	Police matter	1		1
553	Public service	8	1	7
554	Assist invalid	27	10	17
555	Defective elevator, no occupants	2		2
561	Unauthorized burning	1		1
571	Cover assignment, standby, moveup	159	51	108
		239	79	160
6	Good Intent Call			
611	No incident found on arrival at dispatch address	1	1	
622	Authorized controlled burning	1	1	
632	Prescribed fire	2		2
652	Steam, vapor, fog or dust thought to be smoke	1	1	
661	EMS call, party transported by non-fire	1	1	
		6	4	2
7	False Alarm & False Call			
711	Municipal alarm system, malicious false	1		1
7301	Trouble Fire Alarm - Due to System Malfunction	68	28	40
731	Sprinkler activation due to malfunction	2	2	

733	Smoke detector activation due to malfunction	12	7	5
735	Alarm system sounded due to malfunction	17	10	7
7351	Residential Fire Alarm - System Malfunction	13	9	4
736	CO detector activation due to malfunction	12	10	2
740	Unintentional transmission of alarm, Other	1	1	
7401	Trouble Fire Alarm - TX Line/Human Error	13	11	2
743	Smoke detector activation, no fire - unintentional	23	13	10
744	Detector activation, no fire - unintentional	7	6	1
745	Alarm system activation, no fire - unintentional	12	8	4
7451	Residential Fire Alarm - Unintentional Human Error	14	6	8
746	Carbon monoxide detector activation, no CO	4	3	1
		199	114	85
	Total Incident Count	917	501	416

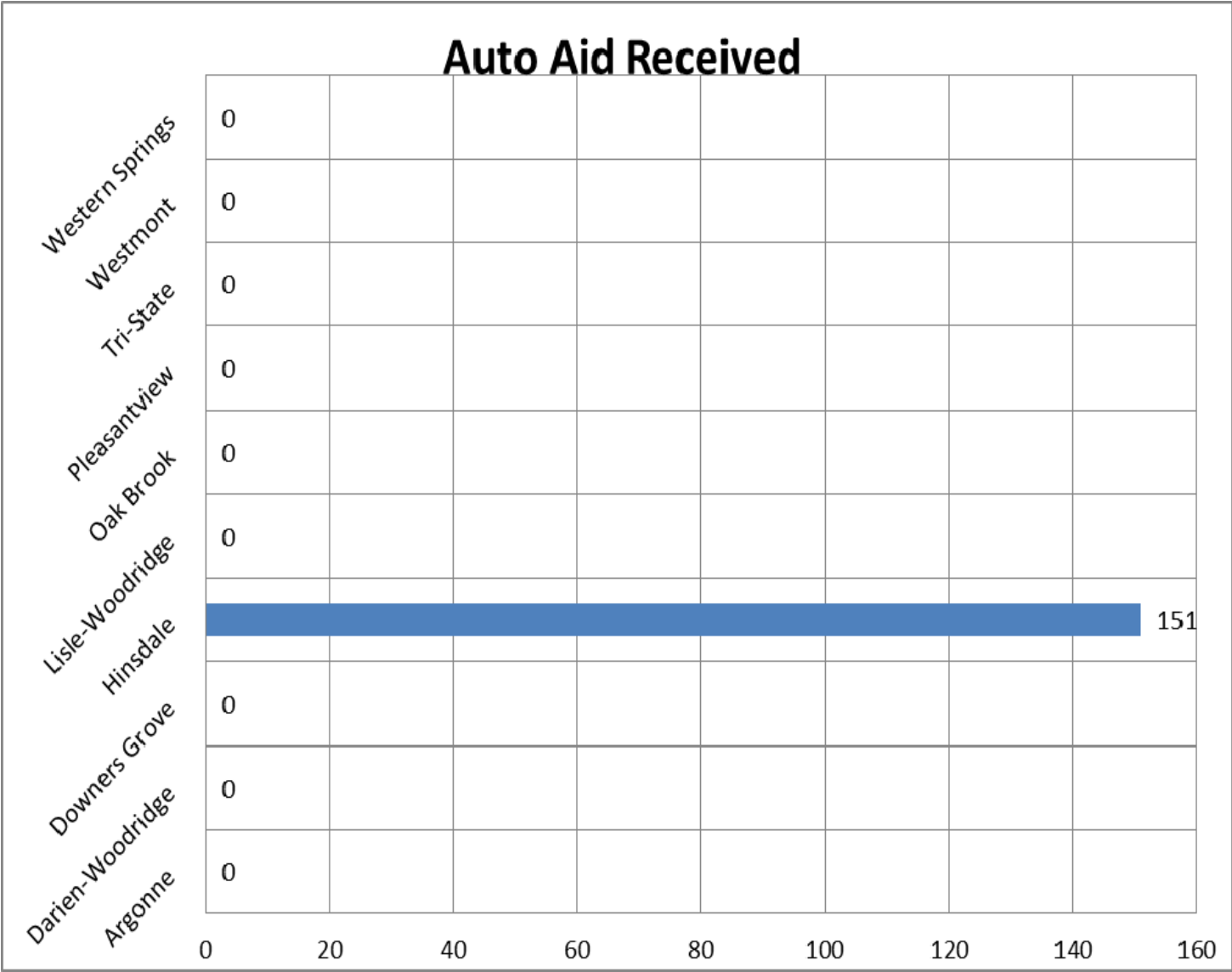
Mutual Aid "Received" Responses (FIRE)



Mutual Aid "Given" Responses (FIRE)

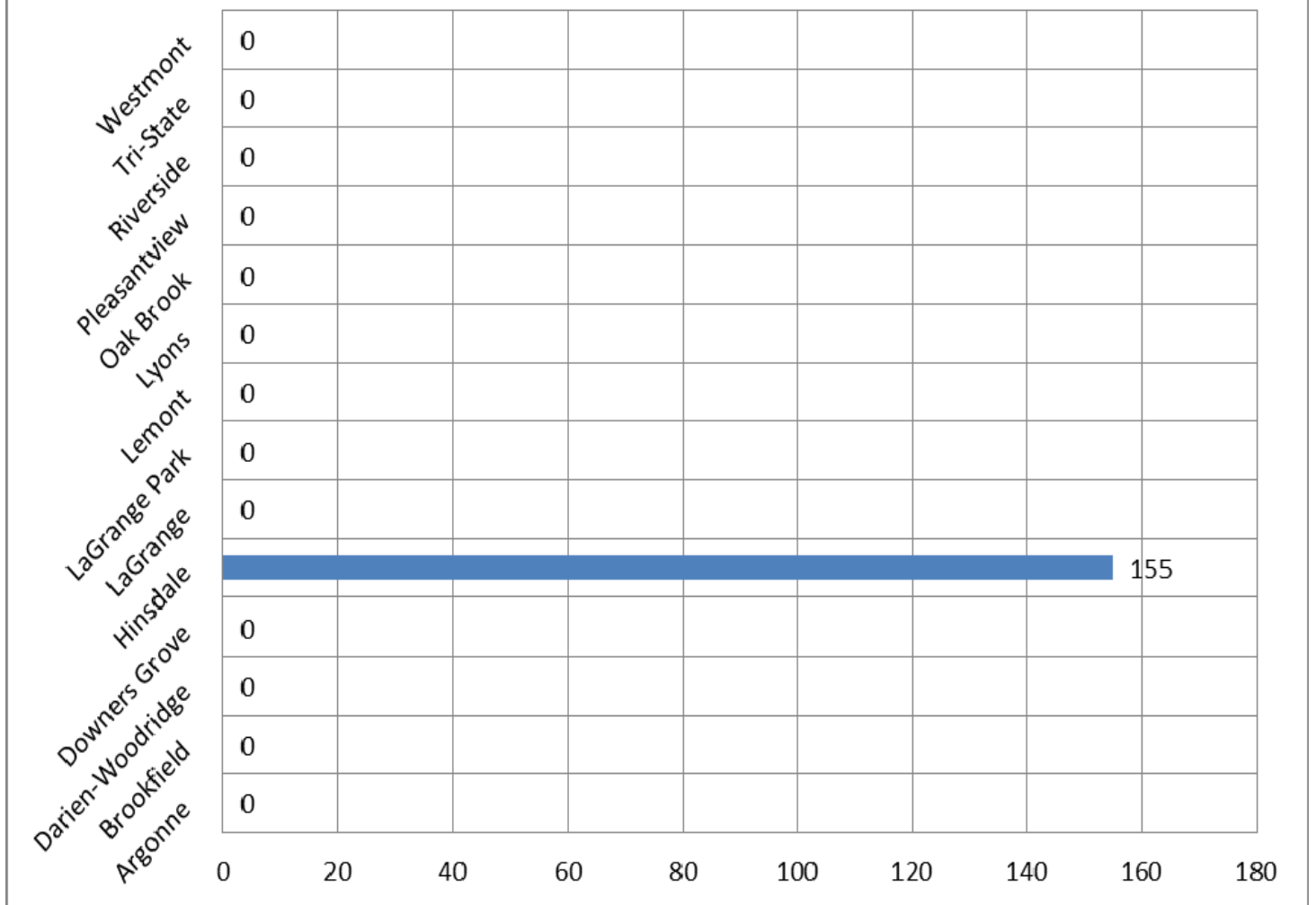


Auto Aid "Received" Responses (FIRE)



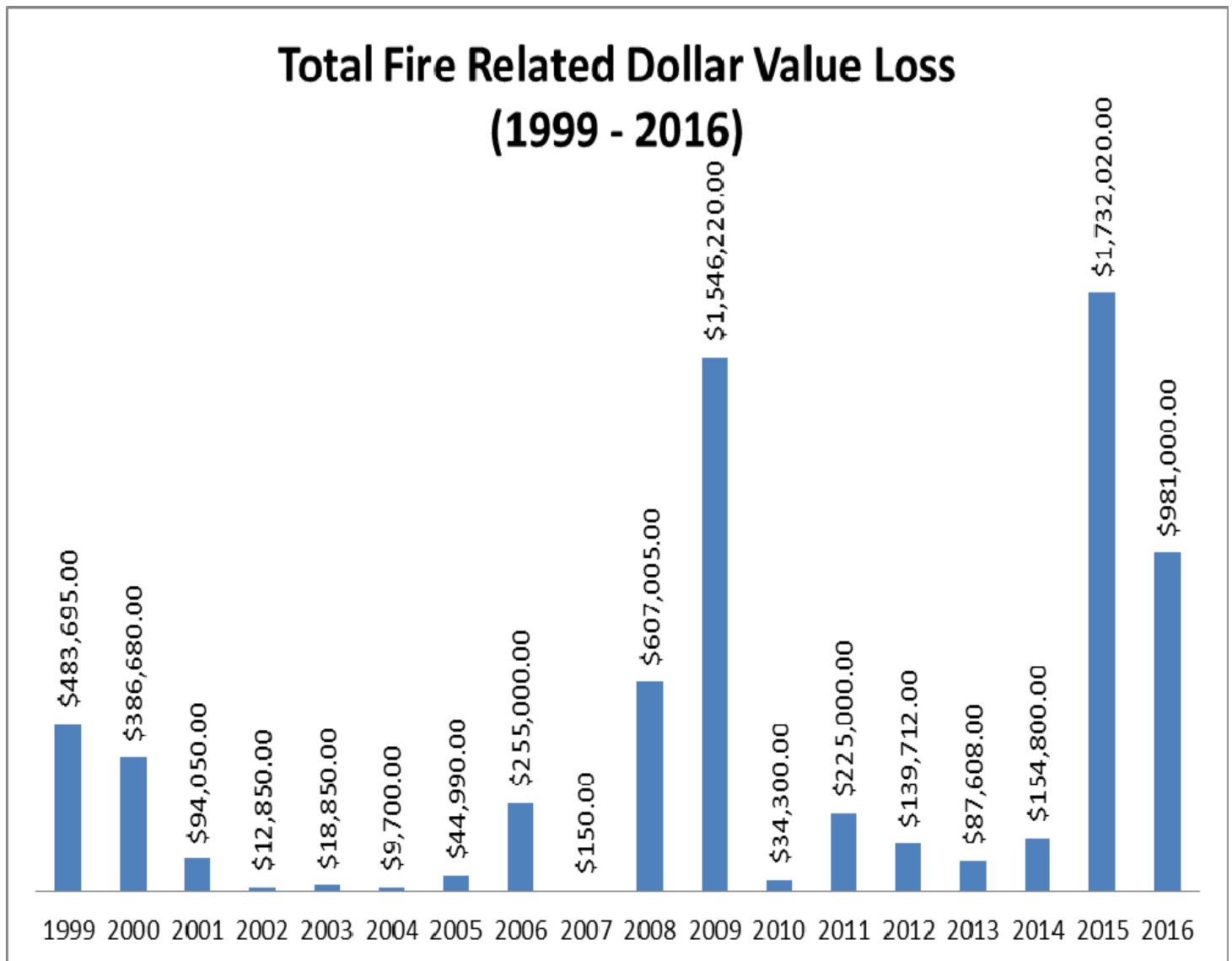
Auto Aid "Given" Responses (FIRE)

Auto Aid Given



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



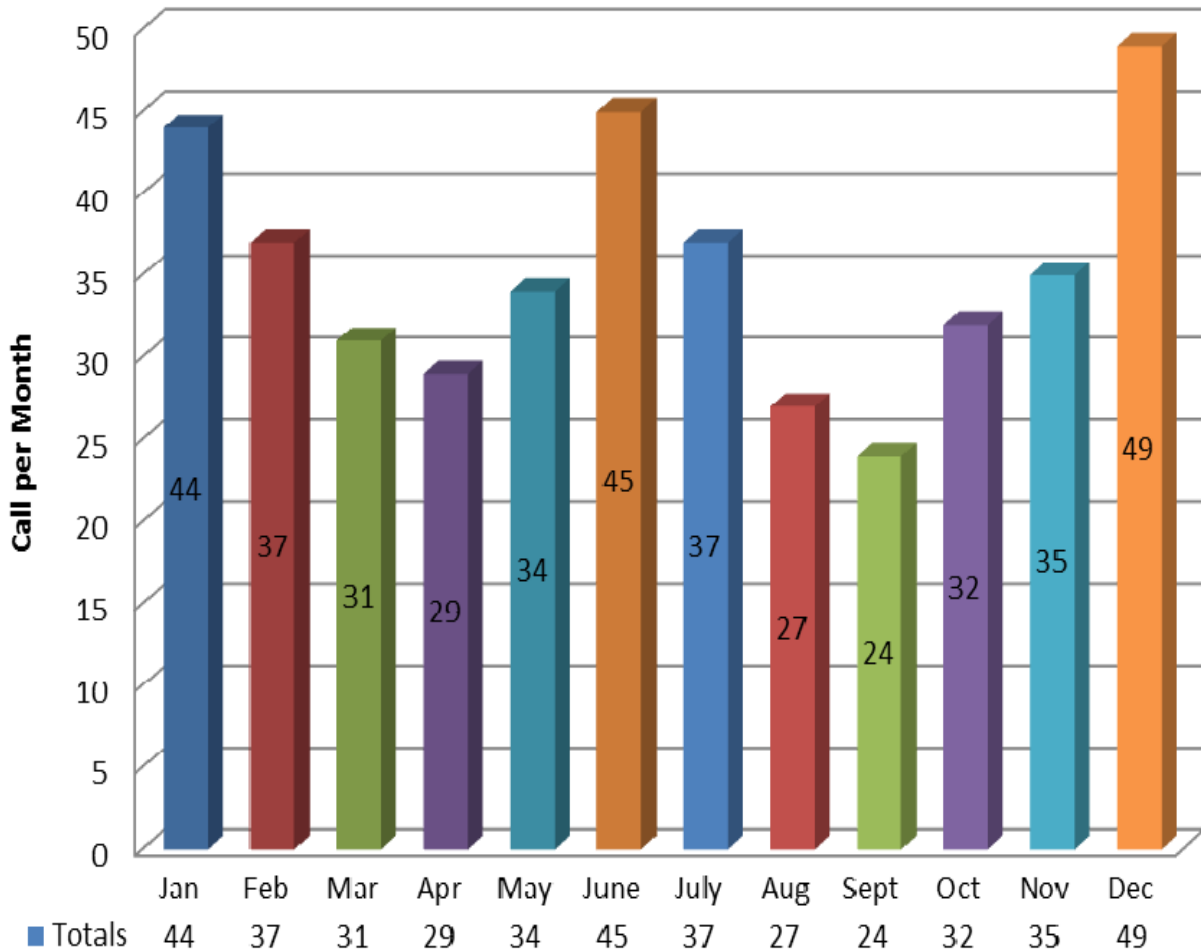
Detailed Related Dollar Losses 2016

Date	Incident #	Address	Type of problem	Total Loss
February 16, 2016	16-0141	304 Columbine Drive	Smoke Damage	\$150.00
March 13, 2016	16-0208	215 55th St	Fire in Structure	\$5,000.00
May 12, 2016	16-0350	117 Mohawk Drive	Building Fire	\$7,500.00
May 14, 2016	16-0354	321 Park Ave	Building Fire	\$20,000.00
May 16, 2016	16-0362	115 W 55th St	Motor Vehicle Fire	\$10,000.00
May 28, 2016	16-0390	5725 Holmes Ave	Building Fire	\$2,500.00
June 22, 2016	16-0468	Burlington and Tuttle	Special outside fire	\$150.00
July 5, 2016	16-0494	323 Chicago Ave	Fire in Structure	\$15,000.00
August 3, 2016	16-0579	144 Ann St	Smoke Damage	\$1,000.00
August 5, 2016	16-0584	206 Grant Ave	Building Fire	\$750,000.00
August 26, 2016	16-0618	403 Ogden Ave	Extrication of victim	\$150,000.00
October 30, 2016	16-0745	31 S Prospect Ave	Building Fire	\$3,000.00
November 11,2016	16-0773	436 Chicago Ave	Cooking Fire	\$13,000.00
November 17,2016	16-0787	Route 83 Hwy and Ogden Ave	Passenger Vehicle Fire	\$3,700.00
			Total Loss	\$981,000.00

EMS Division

Emergency Medical Services Call History

Total Fire Department EMS Responses



Total Ambulance Calls by Year

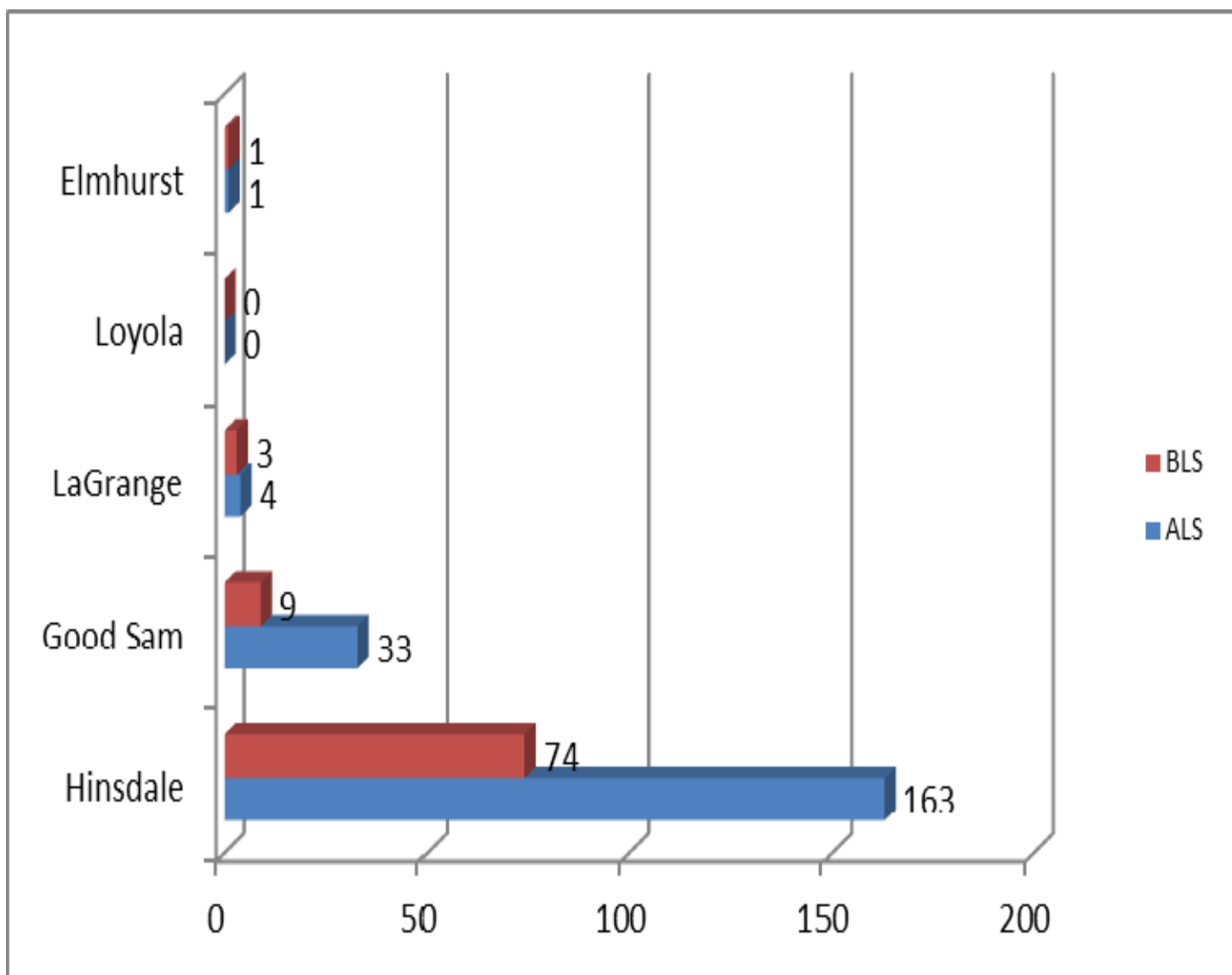
Year	Calls
1989	238
1990	260
1991	245
1992	201
1993	236
1994	224
1995	219

Year	Calls
1996	221
1997	253
1998	259
1999	292
2000	331
2001	299
2002	387

Year	Calls
2003	399
2004	417
2005	465
2006	431
2007	463
2008	428
2009	446

Year	Calls
2010	449
2011	404
2012	475
2013	488
2014	459
2015	512
2016	428

Total Hospital Transports by Level and Hospital for 2016



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

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 – 2016**

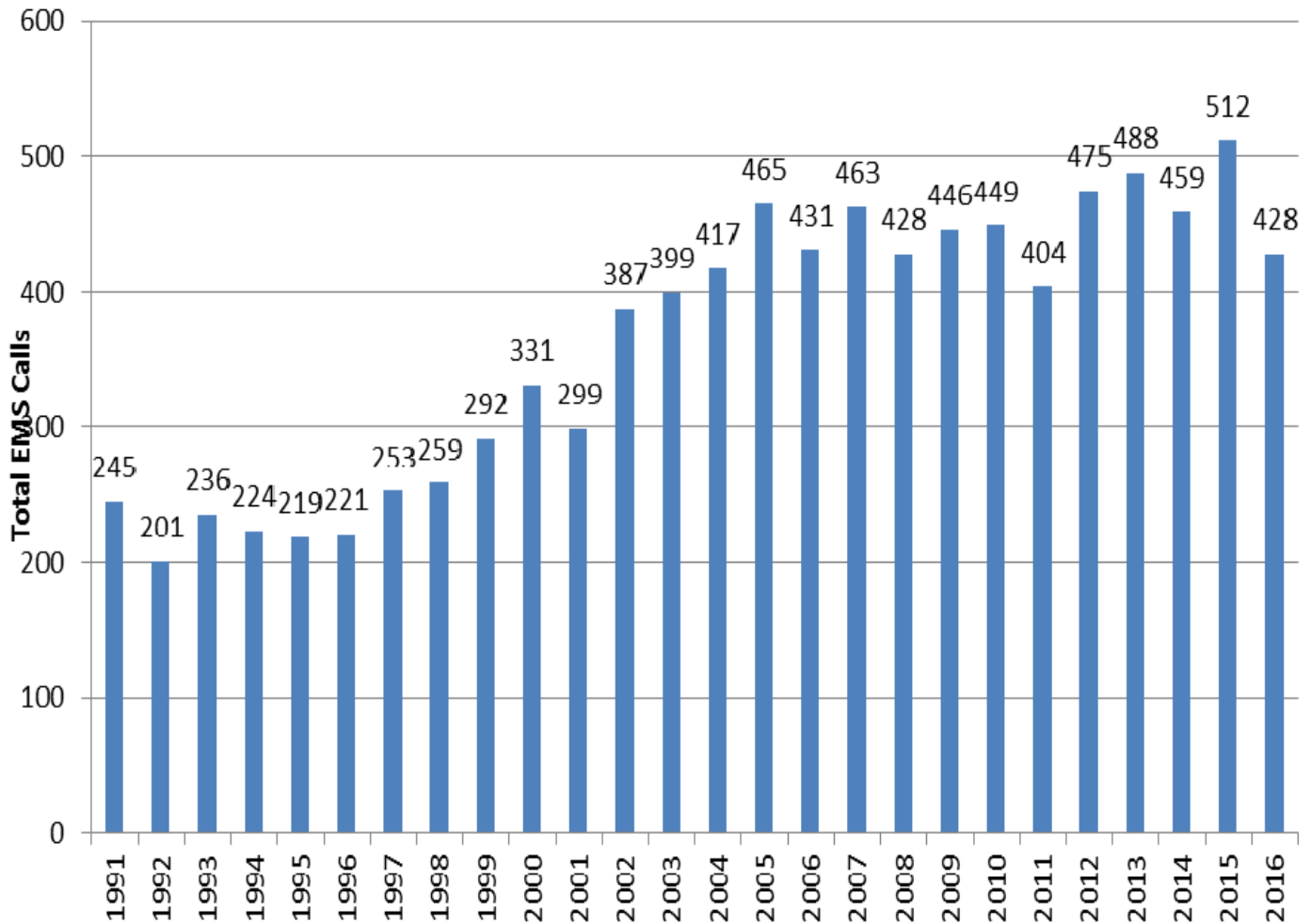
Year	2012	2013	2014	2015	2016
None	8	5	21	11	24
Abdominal Pain/Problem	24	17	10	7	7
Airway Obstruction / Choking	-	2	2	1	4
Allergic Reaction	-	6	4	1	1
Altered LOC	23	13	21	18	15
Behavioral	5	23	19	24	17
Bleeding	18	15	17	11	8
Burns	-	1	0	0	0
Cardiac Rhythm Disturbance	5	5	3	7	2
Cardiac /Traumatic / Respiratory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

Pain - Back	12	18	15	15	10
Pain - Chest	2	1	4	4	4
Pain - Extremity	14	19	18	23	12
Pain - Eye	1	-	-	-	0
Pain - Head	2	4	2	5	2
Pain - Muscle	-	-	-	1	0
Patient Assist	7	16	0	1	0
Poisoning / Drug Ingestion	8	3	2	0	1
Pregnant/OB Delivery/Miscarriage	0	0	1	0	0
Psychiatric Disorder	28	11	5	7	6
Refused Care, Guardian	-	-	-	12	10
Refused Care, Patient	-	-	-	45	58
Respiratory Arrest	-	-	-	1	0
Respiratory Distress / Breathing Difficulty	21	17	19	14	14
Seizure	8	5	12	8	10
Sexual Assault / Rape	-	-	-	-	1
Smoke Inhalation	1	-	0	0	0
Stings / Venomous Bites	-	-	-	-	1
Stroke/CVA	7	5	5	5	7
Syncope/Fainting/Dizziness	16	13	10	14	11
Traumatic Injury	9	22	20	25	23
Treat and Released	-	-	-	2	3
Unconscious/Unresponsive	2	3	4	4	3
Vaginal Bleeding	-	-	-	1	0
Vomiting	-	-	-	1	1
Weakness	22	25	23	20	20
Well Being Check	3	1	1	6	2
Total	453	454	424	544	497

Age of Patients Transported / PCR Written

Age	ALS Other	Behavioral/P sychologic	BLS Other	Invalid Assist	No Patient Found	Non- Impaired	Refused Care	Seizure	Stroke	Total
0 to 10 Years	5	0	4	0	0	0	3	1	0	13
10 to 20 Years	5	2	10	0	0	1	1	0	0	19
20 to 30 Years	11	4	2	0	0	0	4	0	0	21
30 to 40 Years	9	1	7	0	0	0	4	0	0	21
40 to 50 Years	21	1	12	0	0	2	2	0	0	38
50 to 60 Years	32	2	7	0	1	1	6	0	0	49
60 to 70 Years	19	1	13	2	0	0	3	1	0	39
70 years or older	111	0	43	8	0	4	15	0	1	182
DOB not Recorded	6	0	0	0	4	0	0	0	0	10
	219	11	98	10	5	8	38	2	1	392

Total EMS Calls 1991 to 2016



In 2015, 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 **31** times

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

Mutual Aid Received **14** times

Auto Aid Received **20** times

EMS Division Training for 2016

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.

CPR

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

Capt. Jim Jung
Lt Jim Weil
FF/PM Dave Godek
FF/PM Rob Padgett
FF/PM Jason Brandani
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 June of 2016 we upgraded to Zoll 6.0 / 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 2016 (1) person completed In-Service Testing as Paramedics and (1) has completed the Loyola EMT Program.

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 2016 Clarendon Hills CPR/AED Instructors trained and certified 117 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 2016 we taught approx. 200 students at CHMS in the 8th grade Health education classes.

2016 EMS Training Summary Report

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

Month	Topic
January	Medical and Legal
February	Cardiac and AHA Updates
March	Crime Scene Awareness / Gangs (ALS: Needle Decompression)
April	System Policies Update (ALS: Needle Cricothyroidotomy)
May	SOP Updates and SMR Indications
June	In-House Training (No Region 8 Subject Area)
July	Pulmonary and Cardiac - Related Dyspnea
August	Stroke and Sepsis
September	Trauma / Combat Medicine
October	Pediatric and Special Population Potpourri
November	Skills Competency (ALS: Orotracheal Intubation, Surgical Cricothyroidotomy)
December	Annual CPR / CPAP / Auto-Pulse (No Region 8 Subject Area)

Public Services/Education **Fire Prevention Division**

In 2016, 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 1, 2016. This event was attended by more than 1,000 adults and children.

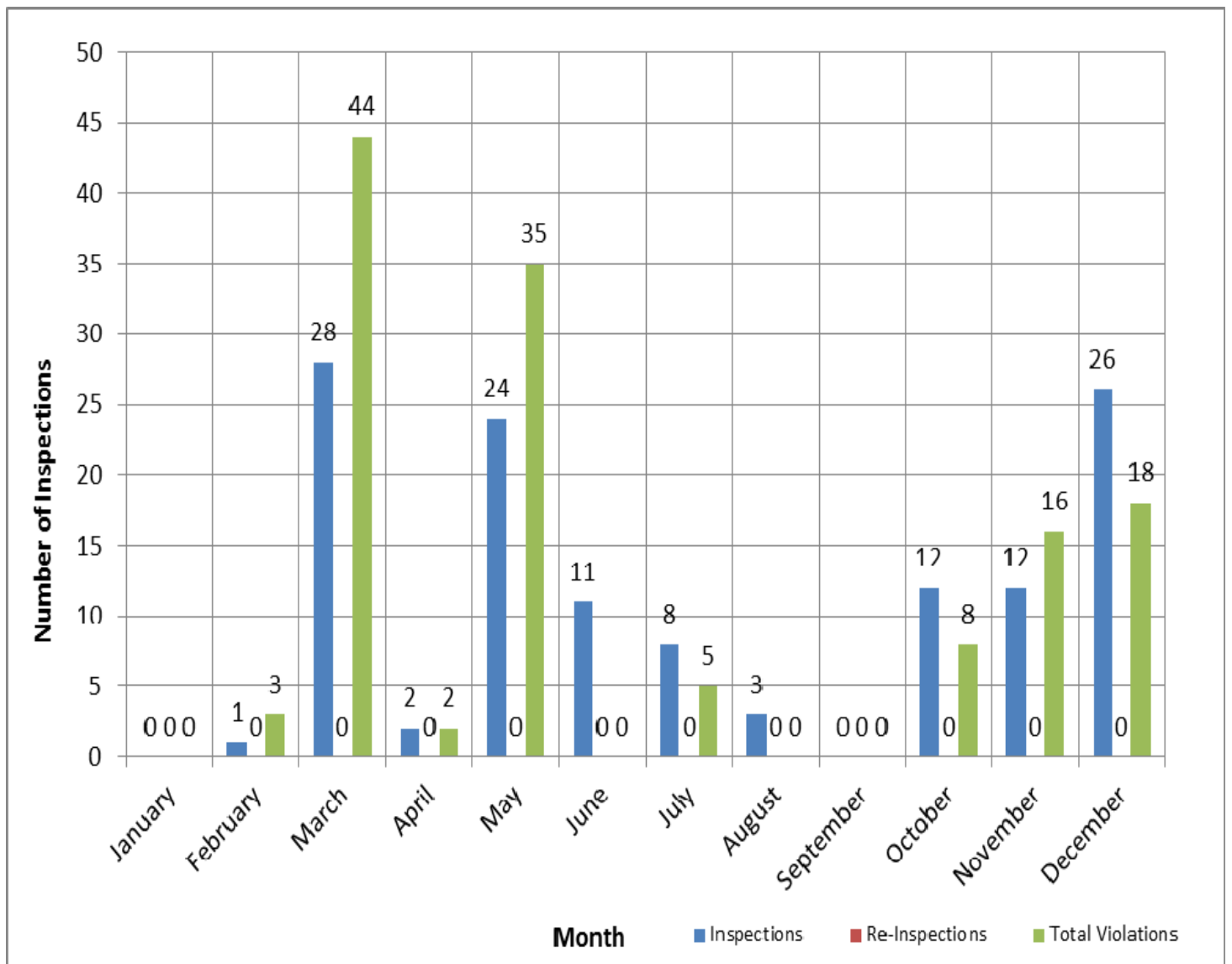
During 2016 Clarendon Hills Fire Prevention Officer David Godek conducted the following inspectional duties:

Annual Fire and Life Safety Inspections	127
Fire and Life Safety follow up re-inspections	9
Final Occupancy Inspections	3
New Fire Alarm System Inspections	2
Voluntary Single Family Sprinkler System Tests	0

Detailed Related Dollar Losses 2016

Date	Incident #	Address	Type of problem	Total Loss
February 16, 2016	16-0141	304 Columbine Drive	Smoke Damage	\$150.00
March 13, 2016	16-0208	215 55th St	Fire in Structure	\$5,000.00
May 12, 2016	16-0350	117 Mohawk Drive	Building Fire	\$7,500.00
May 14, 2016	16-0354	321 Park Ave	Building Fire	\$20,000.00
May 16, 2016	16-0362	115 W 55th St	Motor Vehicle Fire	\$10,000.00
May 28, 2016	16-0390	5725 Holmes Ave	Building Fire	\$2,500.00
June 22, 2016	16-0468	Burlington and Tuttle	Special outside fire	\$150.00
July 5, 2016	16-0494	323 Chicago Ave	Fire in Structure	\$15,000.00
August 3, 2016	16-0579	144 Ann St	Smoke Damage	\$1,000.00
August 5, 2016	16-0584	206 Grant Ave	Building Fire	\$750,000.00
August 26, 2016	16-0618	403 Ogden Ave	Extrication of victim	\$150,000.00
October 30, 2016	16-0745	31 S Prospect Ave	Building Fire	\$3,000.00
November 11, 2016	16-0773	436 Chicago Ave	Cooking Fire	\$13,000.00
November 17, 2016	16-0787	Route 83 Hwy and Ogden Ave	Passenger Vehicle Fire	\$3,700.00
			Total Loss	\$981,000.00

Total Inspections, Re-Inspections and Violations by Month for 2016



Total Inspections conducted by the Fire Prevention Staff

Month	Inspection Completed	Re-Inspections	Total Violations
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January	0	0	0
February	1	0	3
March	28	0	44
April	2	0	2
May	24	0	35
June	11	0	0
July	8	0	5
August	3	0	0
September	0	0	0
October	12	0	8
November	12	0	16
December	26	0	18
	127	0	131

Fire Inspection Violations 2009 – 2016

Violation Found	2009	2010	2011	2012	2013	2014	2015	2016
Automatic sprinkler controls blocked	0	-	-	-	2	-	2	2
Automatic sprinkler needs to be inspected	1	1	-	-	1	-		
Automatic sprinkler system requires maintenance	1	-	1	2	10	11	3	
Auto Doors Provide, Repair or Replace Auto Door Closers	-	-	-	-	-	-	-	1
Boiler certification expired or missing	3	9	2	13	6	5	1	1
Building key(s) require updating	0	-	-	-	-	-	2	-
Ceiling requires repairs	2	2	4	5	3	6	4	2
Combustibles are stored too close to heat source(s)	8	5	2	-	3	5	1	1
Electric plug, switch or breaker replaced	1	-	-	-	1	1	2	1
Electrical components require repair or replacement	1	-	2	-	-	7		
Electrical panels must be kept closed and area clean	2	9	11	1	12	24	9	5
Emergency light(s) needed or unit(s) require repair/replacement	29	34	40	49	70	76	39	35
Exit door(s) Blocked	-	-	-	-	-	9	1	3
Exit door(s) Blocked while occupied	-	-	-	-	-	3	1	1
Exit door(s) require repair/replacement	0	-	-	1	3	1	1	
Exit door(s) shall not be key lockable from the inside	0	-	-	-	1	-		
Exit sign(s) must be working when premises are occupied	23	26	34	46	35	43	21	19
Exit sign(s) missing or need to be repaired	-	-	-	-	14	5	21	
Exits and pathways to exits must be clear and unobstructed	0	-	3	6	7	-	6	
Extension cords overused or misused / Power Strips	0	-	-	-	-	-	3	
Elevator Inspection not current or certificate visible	0	0	0	1	5	12	6	5
Elevator Controls / Disconnect accessible	-	-	-	-	3	5	2	3
FDC/Sprinkler/Standpipe blocked or not accessible	0	-	-	-	-	-		
Fire alarm control panel not accessible	0	-	-	-	-	-		
Fire alarm device requires repair	4	17	6	10	17	18	8	1
Fire door closing device(s) require adjusting or repair	0	-	-	-	-	-		
Fire doors must not be wedged open or obstructed	3	1	2	-	2	1	2	
Fire extinguisher(s) are due or past due for annual certification	5	13	3	17	25	25	21	16
Fire extinguisher(s) type, are not accessible or properly mounted	7	-	-	-	23	19	7	
Fire extinguisher(s) are of improper type or quantity	0	-	-	12	-	-		10
Fire extinguisher(s) are/is discharged and needs repair	0	17	16	-	-	-		

Fire suppression system (kitchen) needs repair or service	2	1	-	1	1	1	2	
Fire suppression system (kitchen) overdue for certification	0	-	-	1	2	2	1	
Flammable liquids must be kept in an approved metal cabinet	2	1	1	2	2	2		2
Gas Cylinder not chained or secured	4	3	5	4	7	8	10	6
Heat detector(s) not working	2	3	1	-	1	2		
Heating system needs to be cleaned or serviced	0	-	-	-	-	-		
Keep a 12" clearance between ceiling and storage	1	2	-	1	1	-	1	
Keep an 18" clearance from sprinkler heads	1	-	1	1	2	2	-	
Knox box required by Village Ordinance / Keys Current	0	-	-	1	5	8		5
Occupancy limit sign(s) must be posted and enforced	0	-	-	-	-	-		1
Oily or dirty rags must be kept in closed metal container	0	-	-	-	-	-		2
Remove excessive combustible items / storage of flammable liquid	3	-	3	-	2	7	3	
MSDS sheets not posted	-	-	2	1	1	1	1	1
Sign(s) prohibiting smoking must be posted & enforced	0	-	-	-	-	-		
Smoke detector(s) not working	0	-	-	-	5	-		
Sprinkler/Standpipe flow switch not supervised	0	-	-	-	-	-		
Storage must be kept neat and orderly	1	-	-	-	6	7	1	1
Utility shut off not accessible for emergency access	4	3	11	9	17	45	23	5
Repair holes in walls, ceiling or floors	0	-	-	6	5	5	1	2
Totals Violations per Year	110	147	150	190	300	366	206	131

DESCRIPTION OF TRAINING & HIGHLIGHTS FOR 2016
From Capt. Mark Rediehs (Training Officer)

- The Clarendon Hills Fire Department conducts fire training every first, third and fourth Wednesday evening of each month. The Topics covered on these evenings consist of basic, advanced, technical and regulatory training required by 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 Safety Web Training Site during 2016.
- Clarendon Hills has had 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. In 2017 our Recruits will be attending 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 2010 the village of Clarendon Hills and Hinsdale have agreed to expand our working relationship by sharing services. Western Springs has joined since then and mutual training is conducted with all three Departments. In 2016 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.
- In 2016 the Clarendon Hills Fire Department received donations of a few 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 2016 Hinsdale was able to secure a commercial building to use for smoke and RIT Training.

- MABAS Division Ten Training officers provide quarterly training events to all members and an annual symposium as well.
- In 2016 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. This training 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 2016 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 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.
- The Clarendon Hills Fire Department is a National Child Passenger Safety Program fitting station to conduct child passenger seat checks. Car seat inspections are available by appointment only to the residents of Clarendon Hills.

- In 2015 the Clarendon Hills Fire Department joined with the Hinsdale & Western Springs Fire Department in taking part of a VMT (Vehicle & Machinery Tech) class hosted by HFD was completed in early 2016.
- 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 2016 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 2016. 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.

2016 REGULAR DEPARTMENT EVENING TRAINING

DATE	SUBJECT
January	Year End Motivation Training
January	Live House Training 23 Tuttle
January	Live Search & Rescue Training 140 Chicago Avenue
February	Ladders – SCBA – Tools & Equipment
February	Terrorism Class TSA - PD
February	Company Practical's
March	Company Pre-plans
March	Audiometric Testing / Tools & Equipment
March	Company Pre-Plans
April	Du-Comm Communications Training
April	Engine Company Relays
April	General Skills
May	Division Ten SOPs validation Training
May	Engine Co Operations
May	SCBA
June	Vehicle Extrication
June	Truck Operations
June	Truck Operations
July	Hose Operations
July	Single Company Operations
July	Personal JPR's
August	Job Specific JPR's
August	Fire Critique 206 Grant Fire
August	Company JPR's
September	Relays on Command
September	Relays on Command
September	Forcible Entry - Trailer
October	Open House
October	Rapid Intervention Training - Hinsdale
October	RIT Training Hinsdale – 950 S Madison
November	Truck Co Ops
November	Vehicle Extrication
December	End of year Training

2016 DEPARTMENT SCHEDULED OUTSIDE TRAINING

DATE	SUBJECT
Monthly	MABAS Division Ten Training Officers/ ISO-SSO Train
Monthly	MABAS Ten Chiefs
Monthly	MABAS Ten Haz-Mat Training
Monthly	MABAS Ten Investigator's
Quarterly	Department and Village Safety meetings
Quarterly	MABAS Division Ten Training
Quarterly	Village Quarterly Safety Meetings/IRMA
2016	Driver Training and Evaluations
2016	Courage to be Safe Certification
2016	NICOR Gas Training School
2016	Class B Non-CDL Road Tests
2016	Vehicle and Machinery Tech Certification- HINS/CH/WSPR
2016	NIMS Training
2016	Officer Development-Auto Aid Training
2016	Disaster Training – Mutual Table Top Exercise
2016	IRMA Quarterly Meetings
2016	IRMA Regulatory Training
2016	Mutual Training and Meetings
2016	Recruitment & Retention Training
2016	Parade & Firework details
2016	Fire Prevention Open House – Silent Parade
2016	MUTCD Training
2016	Extrication
2016	40+ Hour Recruit Training
2016	Pre Plans- Tactical Walks
2016	Pipeline Safety
2016	IRMA – Root Cause
2016	Ladder / Pump
2016	Tactical Worksheet Planning
2016	Rescue Tools

2016 DEPARTMENT REGULATORY TRAINING

DATE	SUBJECT
January	Building Construction
February	NFPA 1500 Hazardous Communications
March	Health & Wellness
April	Trench & Shoring
May	NFPA 1001 Fire Behavior
June	Reading a Building
July	Electrical Safety
August	Fall Protection
September	Lockout / Tag out
October	NFPA 1500 Respiratory Protection
November	1500 Confined Space
December	Sexual Harassment