



Tinley Park Fire Prevention Monthly Activity Report

September 2016 – Noted Activity

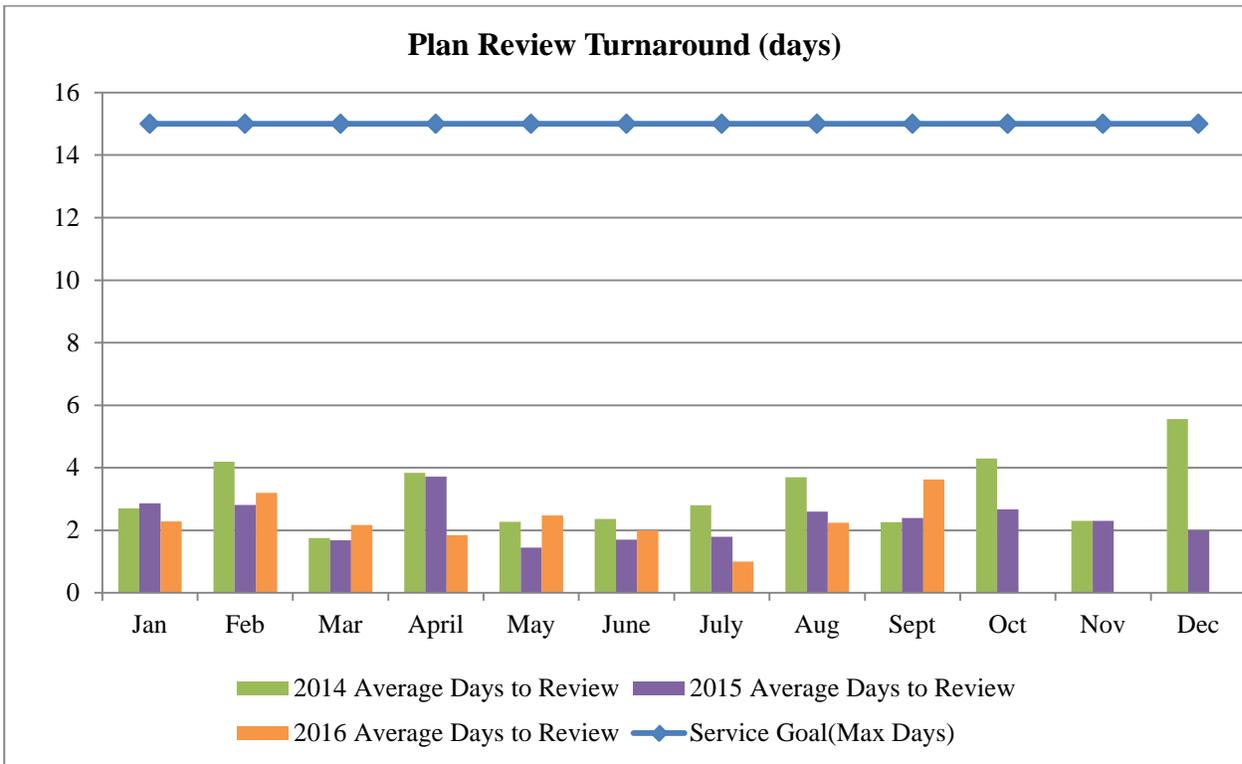
- **FIREHOUSE occupancy entries:** 100% completed.
- **Public Education:**
 - **FIRECORPS**
 - Participated in Fire Prevention Month school visits.
 - **13.5-hours** of participation in September; 109 hours for 2016
- **Service Goals:**
 - 100% of correspondence goal was met.
 - 156 inspections completed in September; (95% of inspections scheduled)
 - Correspondence turn around time = 3.6 business days.
 - Plan review turn around time = 3.63 business days.
- **Top Violations in September** (total violations noted)
 - Lack of testing document for Fire Protection/Fire Alarm testing = 42.
 - Improperly working exit signs/emergency lighting = 47.
 - Improperly maintained fire extinguishers = 11.
- **Fire incidents/investigations:**
 - 16-1831 7609 173rd Street
 - 16-1879 17043 New England Avenue
 - 16-1889 19310 Lisadell
 - 16-1916 16721 Lakewood Avenue, #303
 - 16-1945 7843 Park Central Drive
- **Fire Extinguishing Equipment** was audited in post-inspection follow-ups.

Outstanding Fire Alarm Permits = 18
Outstanding Fire Protection Permits = 15

Plan Review Summary by Type

Plan Review Type	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Commercial/Residential	8	10	13	12	16	20	11	15	15				120
Life Safety Systems	10	9	10	8	13	11	9	15	9				94
Pyrotechnic	0	0	0	0	0	1	0	2	0				3
Tent/Special Event	0	1	3	0	3	1	3	3	0				14
													231

0 plan review sent to ICC *1 pyrotechnic displays*
0 tent permit in for review *2 quick permits reviewed*



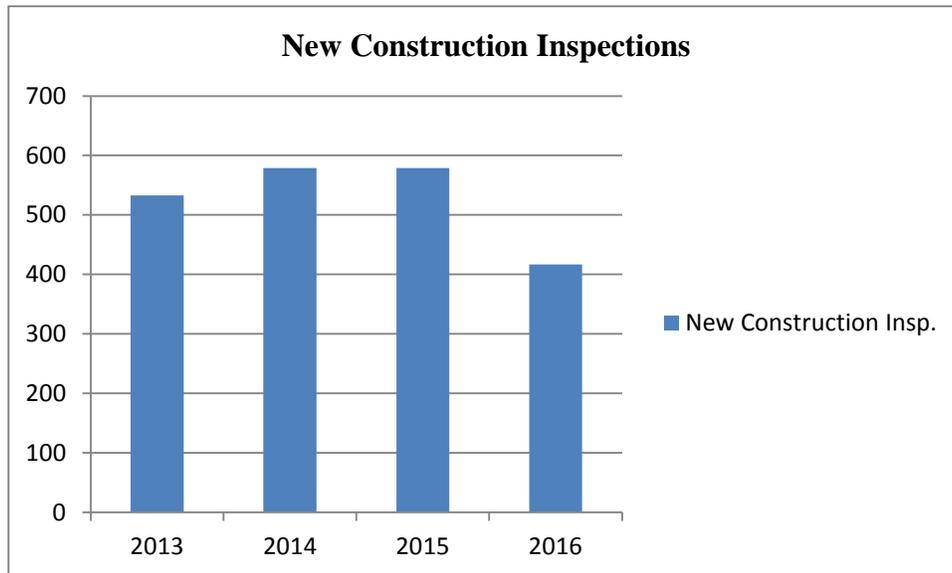
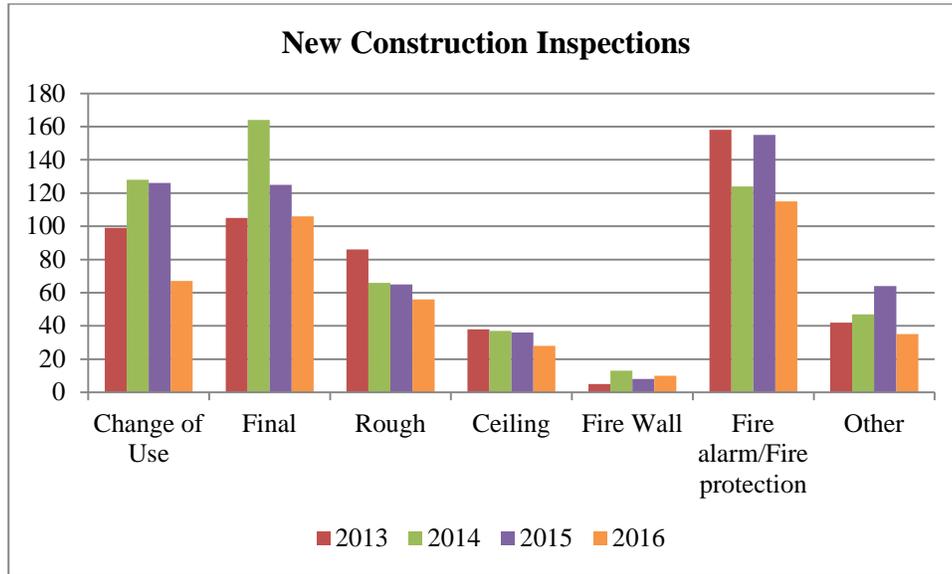
Plan Review Summary by Occupancy, Square Footage and Time Reviewed (initial review only)

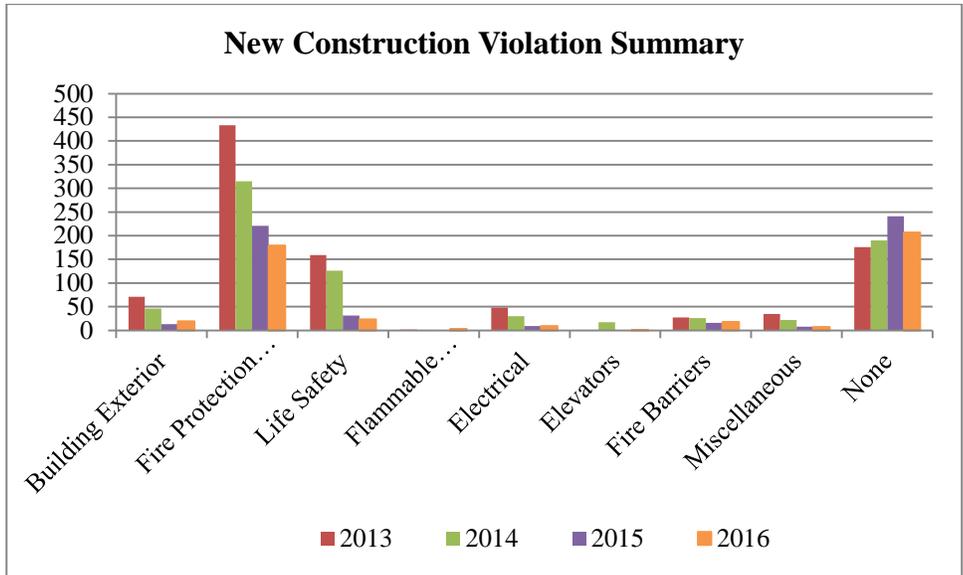
Occupancy Type/Hours	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Assembly													
# square feet	2,522	1,200	32,400	21,265	28,135	22,425	5,700	5,800	3,000				122,447
# of hours	.5	.75	5	3.5	4	1.25	2.5	2	2.5				22.0
Educational													
# square feet	0	3,420	0	1,000	0	0	0	0	0				4,420
# of hours	0	2.75	0	1	0	1	4	0	0				8.75
Factory													
# square feet	0	0	0	0	0	0	0	0	0				0
# of hours	0	0	0	0	0	1	0	0	0				1
Institutional													
# square feet	0	0	25,250	0	0	0	0	0	0				25,250
# of hours	0	3.0	.25	0	1.0	0	0	0	0				4.25
Mercantile													
# square feet	0	4,000	0	17,250	0	24,948	3,600	150,000	0				199,798
# of hours	0	2.0	0	.5	.5	5.25	1.5	3	0				12.75
Residential													
# square feet	2,692	0	500	0	66,000	7,100	0	46,000	22,800				145,092
# of hours	2.0	0	.75	0	3.5	2.75	1.5	1	6				17.5
Storage													
# square feet	0	0	0	8,262	8,262	35,150	38,056	36,000	0				125,730
# of hours	0	0	0	3.0	2.5	4	3	3	0				15.5
Miscellaneous													
# square feet	0	20,800	0	0	0	0	0	5,000	0				25,800
# of hours	0	1.0	0	0	0	0	0	1	0				2.0
Mixed Use													
# square feet	0	0	0	0	0	6,000	0	0	0				6,000
# of hours	0	0	0	0	0	1.5	0	0	0				1.5
Business													
# square feet	25,343	5,000	43,094	27,300	20,679	14,344	28,176	62,000	16,932				242,868
# of hours	10.0	5.75	11.0	7.5	10.0	9	7	6.5	6.5				66.75
Totals													
# square feet	30,557	34,420	101,244	75,077	123,076	109,967	75,532	308,560	42,732				897,405
# of hours	10.5	13.25	17.0	12.0	20.5	22.75	16.5	31	16				159.5

PERMIT PROCESS & PLAN REVIEWS (cont.)

Forty-one (41) New Construction inspections completed in September.

54% of completed inspections did not generate any violations/corrective actions.





PERMIT PROCESS & PLAN REVIEWS (cont.)

Acceptance Testing

# of acceptance tests	12
Scheduled/Completed in 3 business days (%)	100%

Customer evaluations received 2	Average score 5.00
MAJOR Errors = 0	MINOR Errors = 0

Customer Evaluation Comments: *Compared to other villages; you already doing an excellent job.*

Rejected Plan Reviews

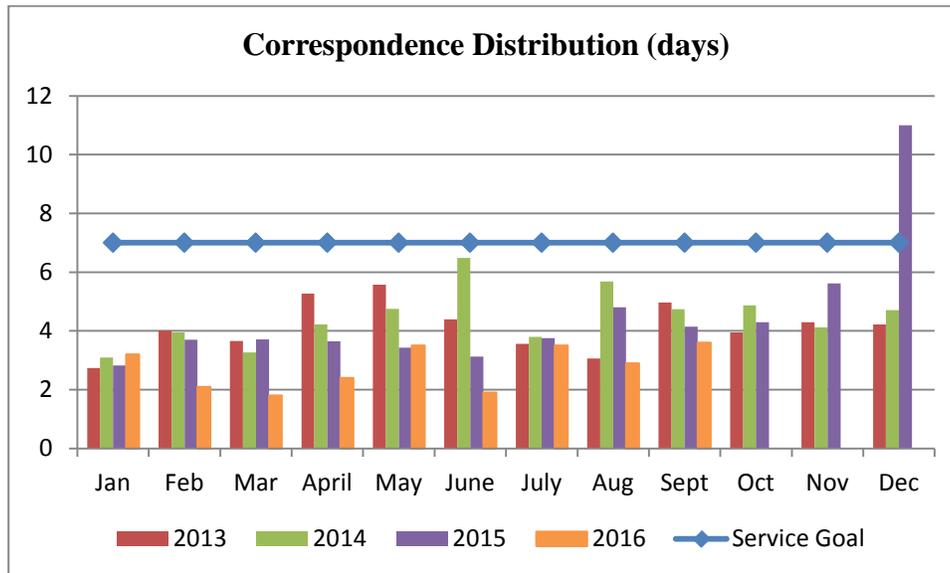
- *Fire alarm plans were rejected due to no product spec sheets and incorrect battery calculation submitted.*
- *Remodel plans were rejected for re-review due to no changes made from Fire Prevention comment.*
- *Permit application missing.*

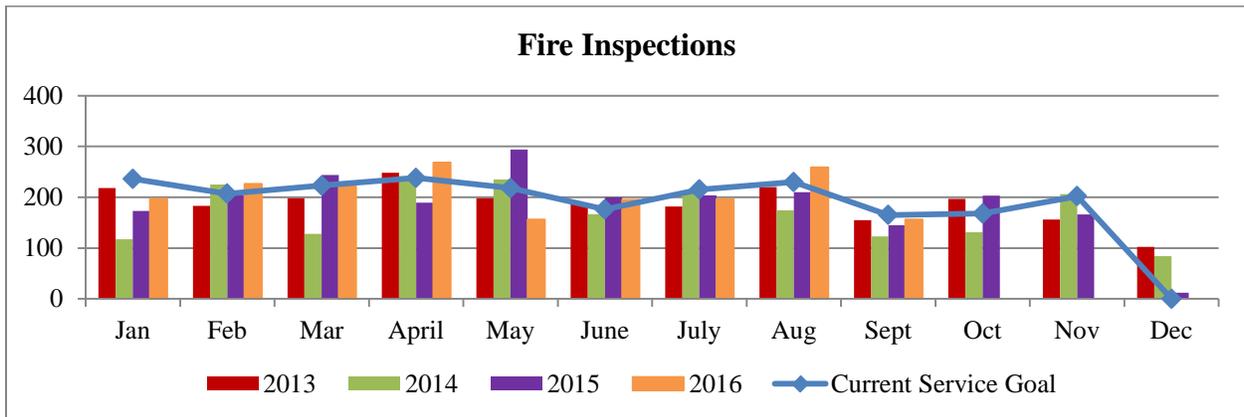
FIRE INSPECTIONS

# Special Inspections	4 (Event Inspections, temporary structures, vacant structures)
Internal Report Reviews	0
Field Evaluations	0
Post Inspection Evaluations	7
Correspondence Distribution	3.6 days
Correspondence >7 days	0

Customer evaluations received = 37	Average score = 4.71
MAJOR Errors = 0	MINOR Errors = 0

Post-inspection evaluations: topic was fire extinguishers (tagged, visible, and accessible).





FIRE INSPECTIONS

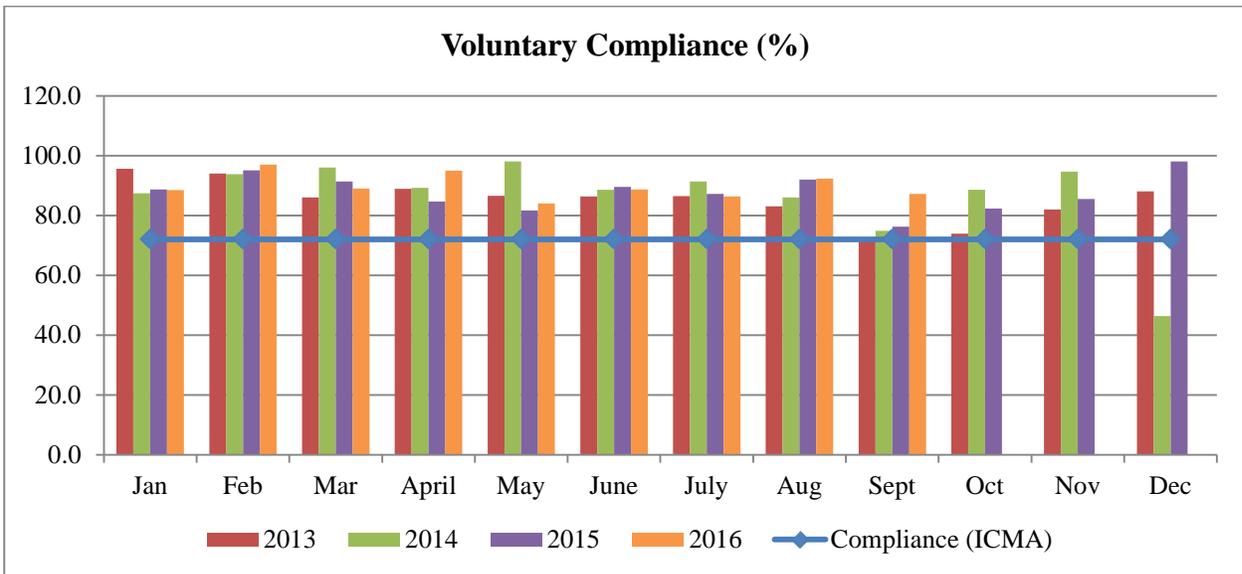
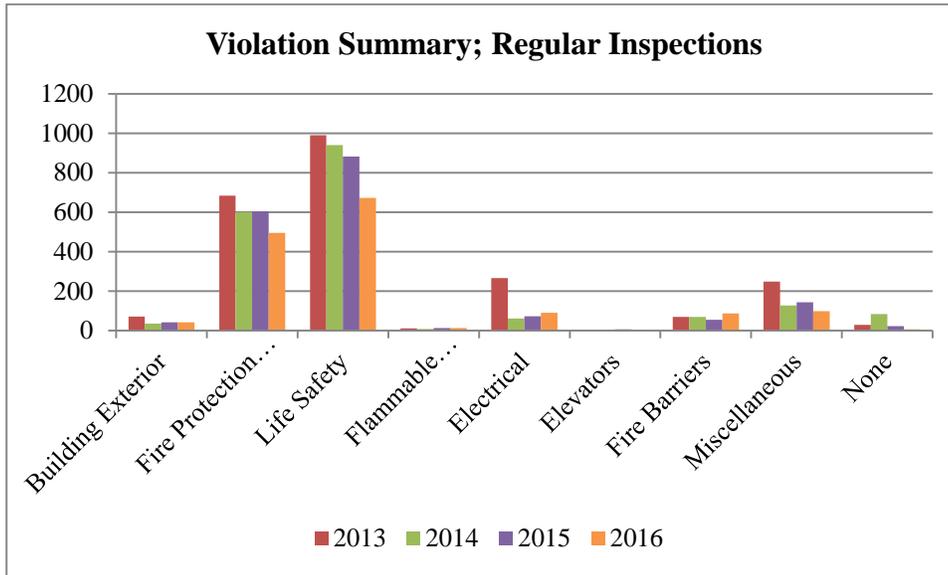
- *Expected inspections for the month of September service goal = 165; actual = 156.*
- *Total square footage inspected through September 30, 2016 = 22,902,835.*

Customer Evaluation Comments:

None.

FIRE INSPECTION VIOLATION SUMMARY

*12.8% of all September inspections generated a citation to appear in court.
44% of all September inspections did not generate any violations.*



Fire Prevention is now tracking compliance of noted violations that are not scheduled for a court appearance. The Benchmark was established using ICMA's **FY2011Data Report, Chapter Code Enforcement**. The benchmark figure of 72.1% compliance was based on enforcement data gathered from community populations ranging from 25,000-100,000. Data excludes noted violations for upgrades to required fire protection systems as a result in property transactions/change of occupancy use.

PUBLIC EDUCATION

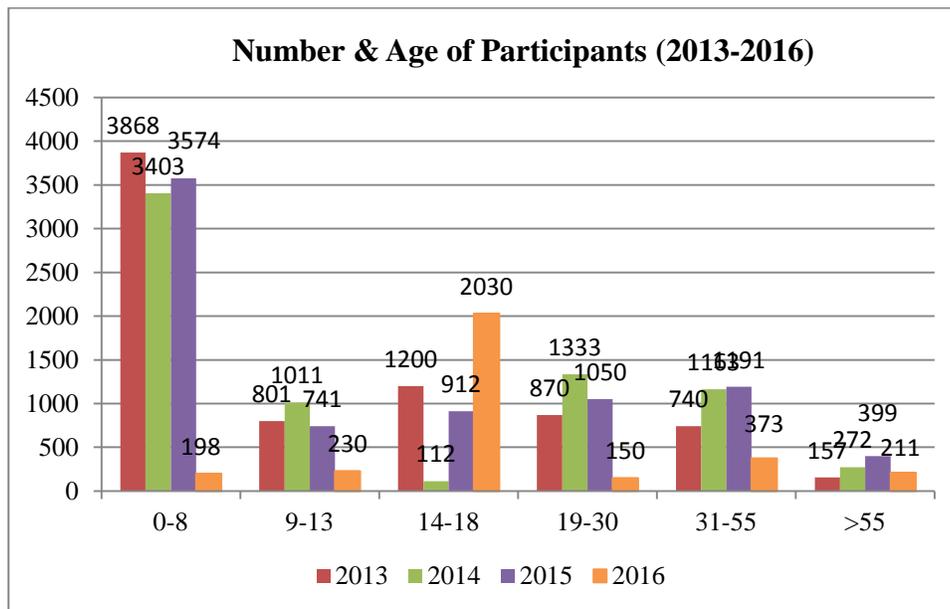
of Events **31**

of Attendees **8260**

Customer evaluations received	29	Average score	4.99
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Customer Evaluation Comments:

- *Great job getting the kids involved and engaged (3).*
 - *...very engaging and hands-on.*
 - *The students understood the content and were engaged.*
 - *Very engaging, great material....*
 - *A great age appropriate educational program.*
 - *A microphone would be helpful.*
-
- 1 Heartsaver CPR Class with the public (4 attendees).
 - 1 Healthcare Provider CPR Class for village employee (1 attendee).
 - Fill the boot for MDA.
 - 10 Evacuation Drills.
 - 19 School Visits for fire safety presentations.



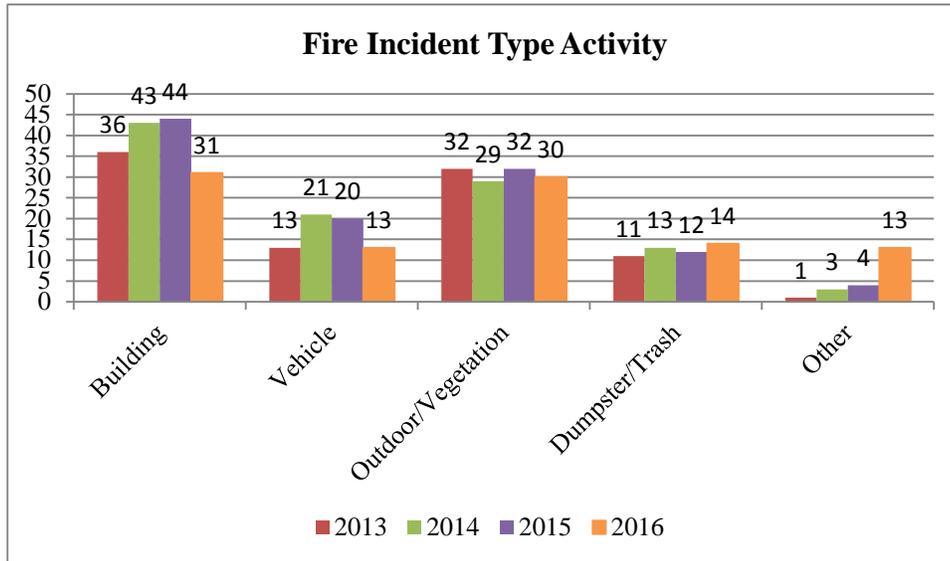
2016 TRAINING SUMMARY

Training hours accumulated through September 30th, 2016:

- Fire Inspection 168
- Plan Reviews 40
- Public Education 128
- Fire Investigations 446
- Fire Marshal 0

January	Lorendo began 40-hour plan review class.
	Lorendo, T. Mazziotta & Bulvan attended TASKFORCE monthly training.
	Stube completed CFI-Training module.
	E. Keating & P. Carduff completed an off-site 16-hour EXCEL class.
	CPR instructors began recertification on AHA new guidelines.
February	Inspectors did in-house training on Fire Department connections.
	Riordan attended IFIA training on pipe corrosion (February 26 th)
	Riordan and Randall attended AHA course update training.
	Lorendo completed 40-hour plan review class.
March	Monthly inspector training; IFC 1028 means of egress maintenance
	Fire Investigator training on fire protection systems
	Riordan IFIA training; outdoor public assemblage, tents etc.
	AHA CPR recertification for all instructors.
	Fire Investigators attended WCGCFITF Annual Conference.
April	Renee Grzeszkiewicz, Lorendo and Riordan attended IFIA annual conference (April 26-28).
	Bobbitt attended IFSAP annual conference.
	Keating attended a Permit Technician 101 class.
May	Pyrotechnic training for Riordan, Lorendo, Marianovich, Murray, Tim Griffin (May 9 th).
	Lorendo attended a 20-hour PATC Vehicle Fire Investigation class (May 16-18).
June	Semi-annual Fire Inspector Meeting was held on the 28 th .
	WCGFITF June training held on the 15th; vehicle practical.
July	Lorendo completed 4 hour Fire Investigator training from www.cfitrainer.net .
	IFC Riordan attended fire extinguisher training at Bickford Senior Living.
August	No training hours.
September	Passive/Active fire resistive construction (Riordan).
	ALL Inspectors: on-line training; IFC, Chapter 1

FIRE INVESTIGATIONS



Comments:

During September there were a total of eleven (11) fires. They are as follows:

- Structure Fire: 3
- Dumpster Fire: 1
- Mulch Fire: 2
- Natural Gas Leak /Fire: 1
- Trash Fire: 1
- Fence Fire: 1
- Cooking Fire: 1
- Equipment Fire: 1

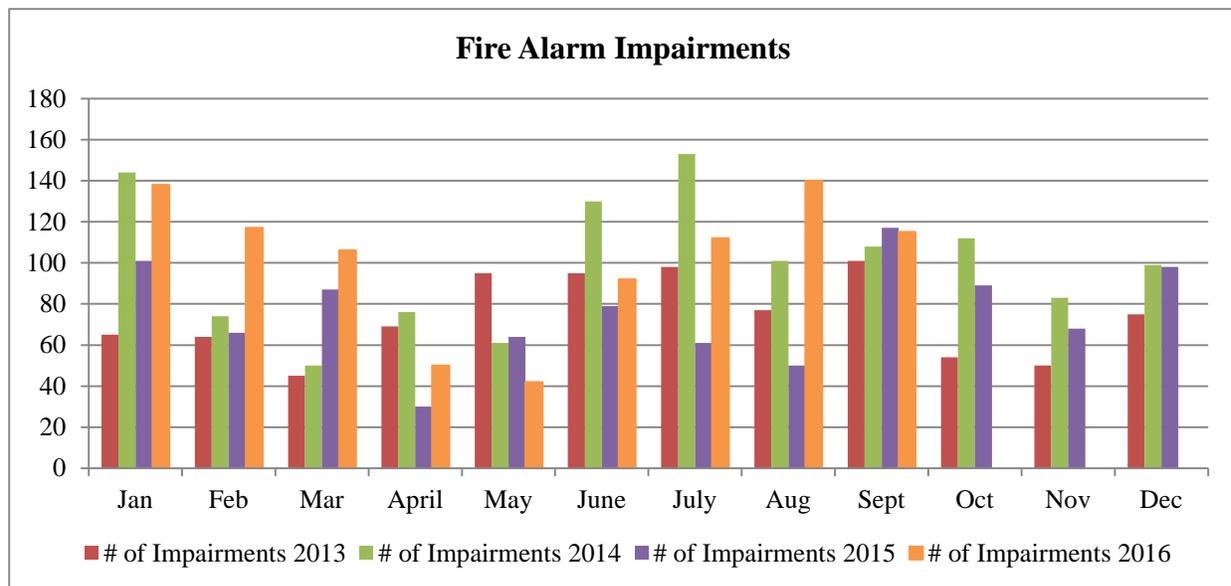
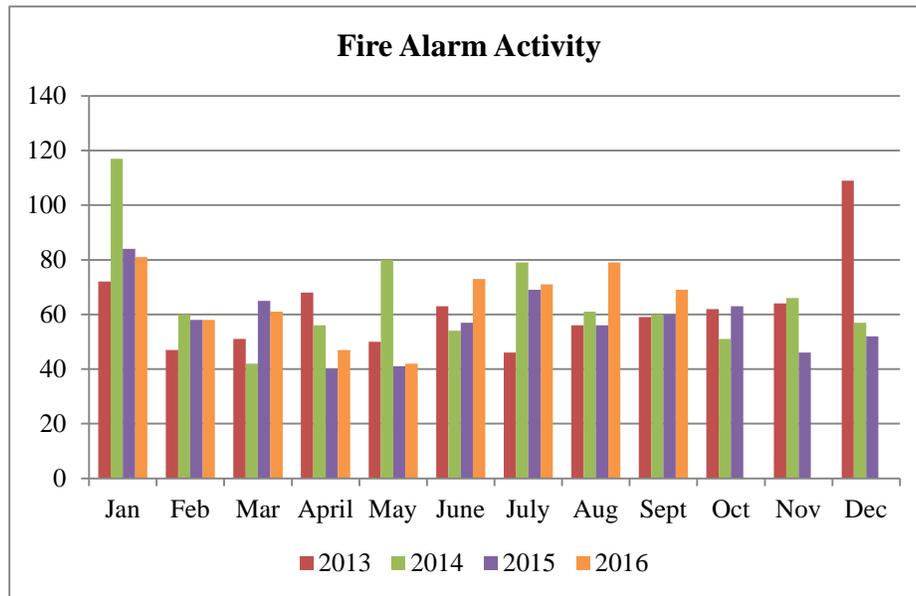
5 requests for fire investigation in September:

- 16-1831 7609 173rd Street
- 16-1879 17043 New England Avenue
- 16-1889 19310 Lisadell
- 16-1916 16721 Lakewood Avenue, #303
- 16-1945 7843 Park Central Drive

Dollar Loss Estimates:

- Buildings = \$497,242
- Vehicles = \$154,900

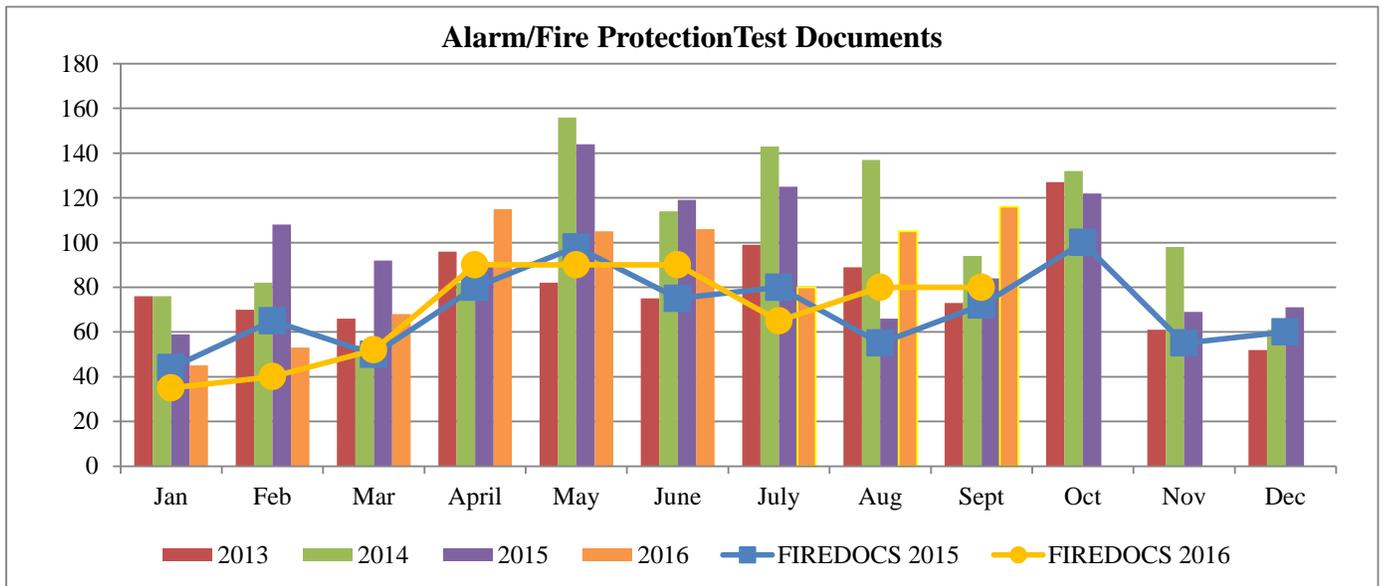
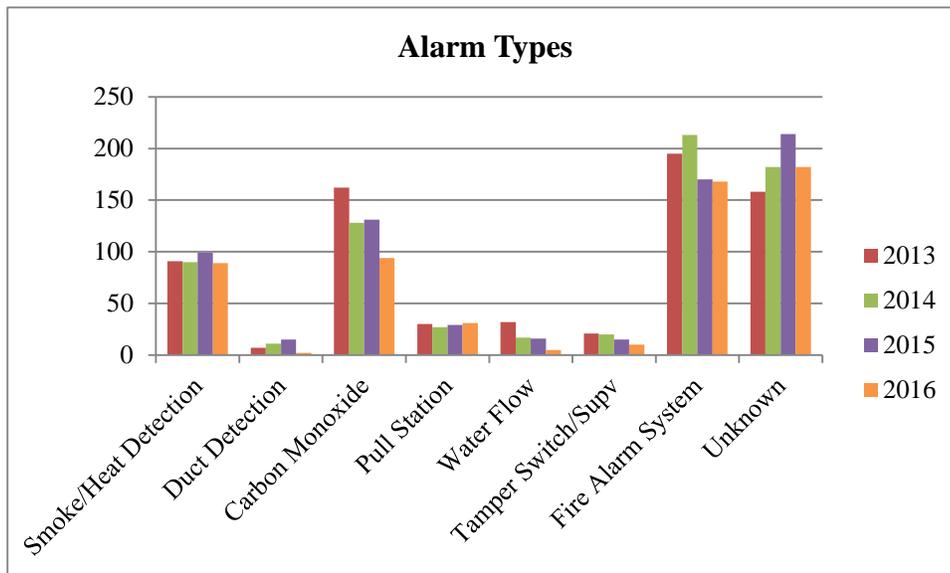
FIRE ALARM ACTIVATIONS



Number of Fire Department alarm responses:

- 69 Alarm responses.
- 9 carbon monoxide letters sent out.
- 115 alarm impairment visits.
- 10 work orders to Fox Valley for radio transmitter issues.
- Radio transmitter Battery Service = 8
 - 3 planned; 5 unplanned
 - Average battery life; unplanned battery service = 22 months.

FIRE ALARM ACTIVATIONS; (cont.)



CITIZEN COMPLAINTS

Number of complaints: 1

Summary: Building owner @ 16600 Crescent wrote letter indicating that our inspection process is a form of harassment. Our records indicate that this owner has complained about the same issue for the last 10 years. Site visit on September 29th; building owner videotaped the re-inspection.