



Tinley Park Fire Prevention Monthly Activity Report

August 2016 – Noted Activity

- **Public Education:**
 - **FIRECORPS**
 - Participated in the Muscular Dystrophy Association Boot Drive.
 - 22-hours of participation in August.
- **Service Goals:**
 - 100% of correspondence goal was met.
 - 259 inspections completed in August; (112% of inspections scheduled)
 - Correspondence turn around time = 2.9 business days.
 - Plan review turn around time = 2.24 business days.
- **Top Violations in August** (total violations noted)
 - Lack of testing document for Fire Protection/Fire Alarm testing = 32.
 - Improperly working exit signs/emergency lighting = 78 .
 - Improperly maintained fire extinguishers = 29.
- **Fire incidents/investigations:**
 - 18607 Westpoint Drive, townhome room and contents.
 - Oak Park Avenue & Harlem Avenue, vehicle fire.
 - 16532 Winston, mattress fire.
- **Violation reduction:**
 - Improper use of grill: reduced by 87% over a 3 year period.
 - Exit sign maintenance: reduced by 33% over a 10-year period
 - Fire extinguisher maintenance: reduced 38% over a 10-year period.
 - Proper fire alarm/protection documents: reduced 41% over a 10-year period.
- **FIREHOUSE occupancy entries:** 85% completed.
- **Internal Audit** Property contact information was audited in post-inspection follow-ups.

PLAN REVIEW AND PERMIT ACTIVITY

Outstanding Fire Alarm Permits = 22

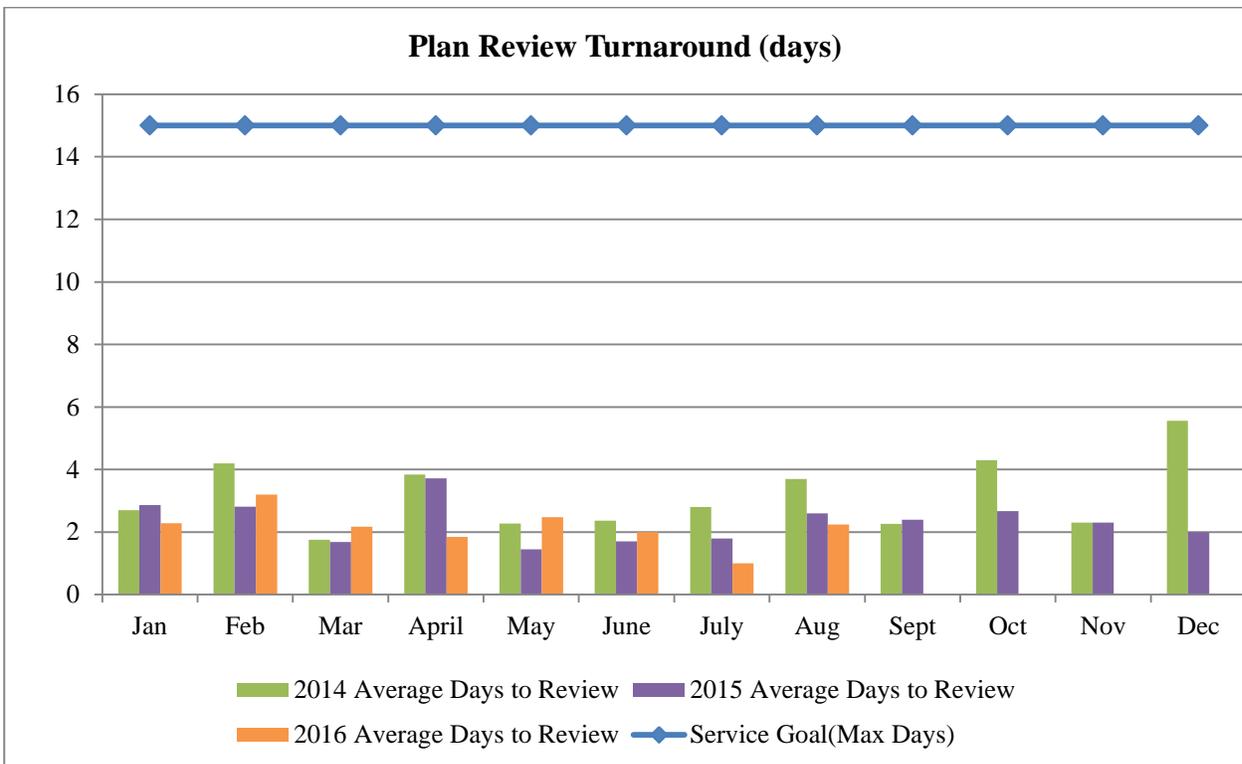
Outstanding Fire Protection Permits = 34

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					105
Life Safety Systems	10	9	10	8	13	11	9	15					84
Pyrotechnic	0	0	0	0	0	1	0	2					1
Tent/Special Event	0	1	3	0	3	1	3	3					3
													193

*1 plan review sent to ICC
3 tent permit in for review*

*2 pyrotechnic displays
5 quick permits reviewed*



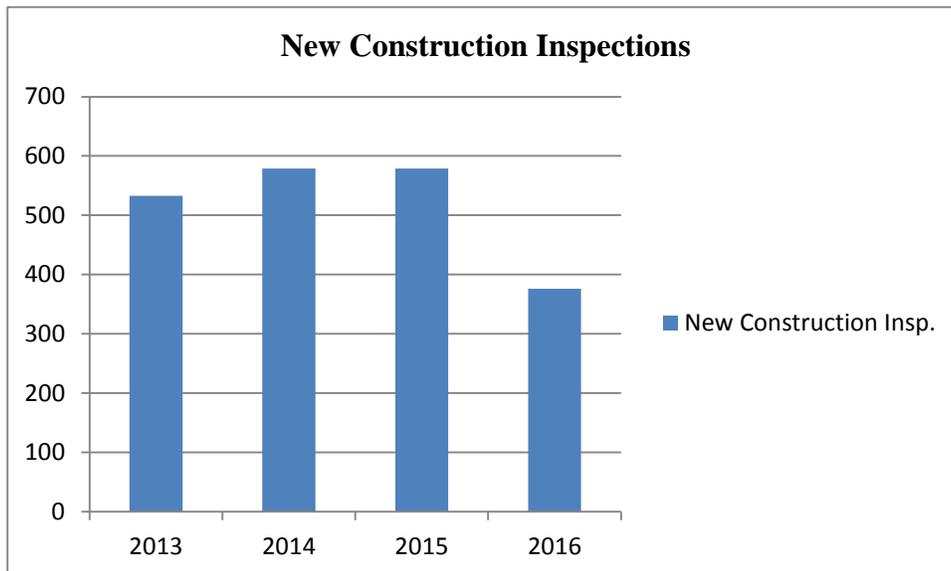
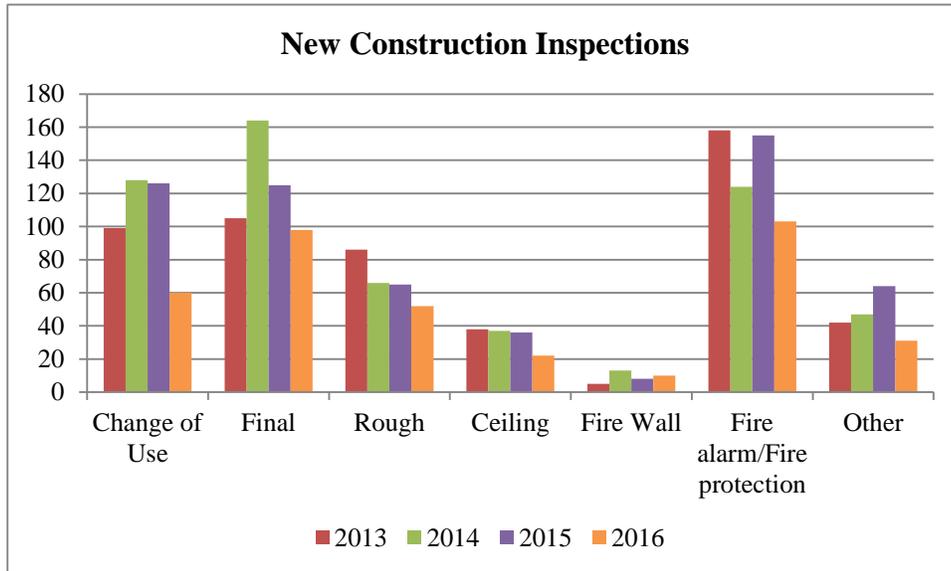
Plan Review Summary by Occupancy, Square Footage and Time Reviewed (initial review only)

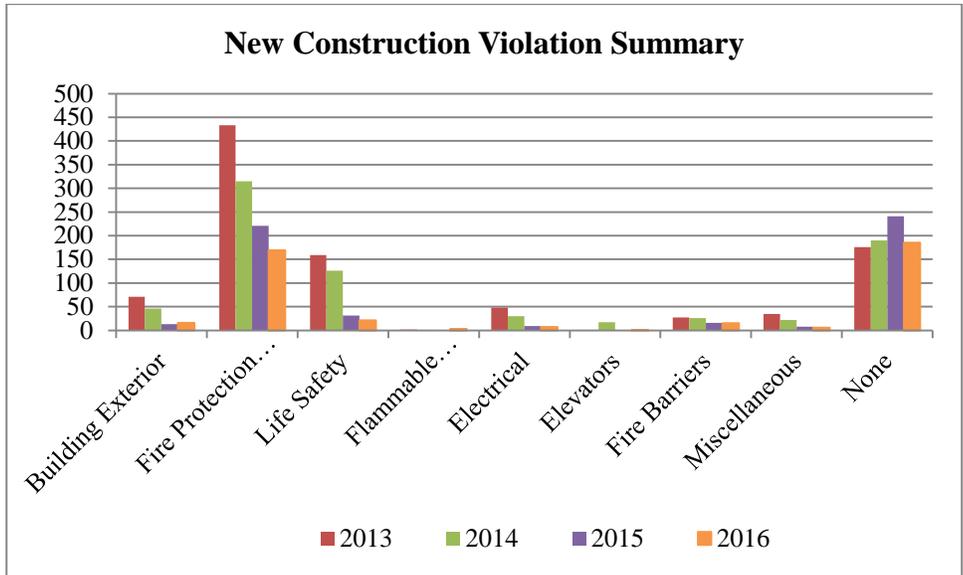
Occupancy Type/Hours	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Assembly													
# square feet	2,522	1,200	32,400	21,265	28,135	22,425	5,700	5,800					119,447
# of hours	.5	.75	5	3.5	4	1.25	2.5	2					19.5
Educational													
# square feet	0	3,420	0	1,000	0	0	0	0					4,420
# of hours	0	2.75	0	1	0	1	4	0					8.75
Factory													
# square feet	0	0	0	0	0	0	0	0					0
# of hours	0	0	0	0	0	1	0	0					1
Institutional													
# square feet	0	0	25,250	0	0	0	0	0					25,250
# of hours	0	3.0	.25	0	1.0	0	0	0					4.25
Mercantile													
# square feet	0	4,000	0	17,250	0	24,948	3,600	150,000					199,798
# of hours	0	2.0	0	.5	.5	5.25	1.5	3					12.75
Residential													
# square feet	2,692	0	500	0	66,000	7,100	0	46,000					122,292
# of hours	2.0	0	.75	0	3.5	2.75	1.5	1					11.5
Storage													
# square feet	0	0	0	8,262	8,262	35,150	38,056	36,000					125,730
# of hours	0	0	0	3.0	2.5	4	3	3					15.5
Miscellaneous													
# square feet	0	20,800	0	0	0	0	0	5,000					25,800
# of hours	0	1.0	0	0	0	0	0	1					2.0
Mixed Use													
# square feet	0	0	0	0	0	6,000	0	0					6,000
# of hours	0	0	0	0	0	1.5	0	0					1.5
Business													
# square feet	25,343	5,000	43,094	27,300	20,679	14,344	28,176	62,000					225,936
# of hours	10.0	5.75	11.0	7.5	10.0	9	7	6.5					66.75
Totals													
# square feet	30,557	34,420	101,244	75,077	123,076	109,967	75,532	308,560					854,673
# of hours	10.5	13.25	17.0	12.0	20.5	22.75	16.5	31					143.5

PERMIT PROCESS & PLAN REVIEWS (cont.)

Forty (40) New Construction inspections completed in August.

47.5% 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 3	Average score 4.00
MAJOR Errors = 0	MINOR Errors = 0

Customer Evaluation Comments: *Better than most, but a guide would help. They were early.*

Rejected Plan Reviews

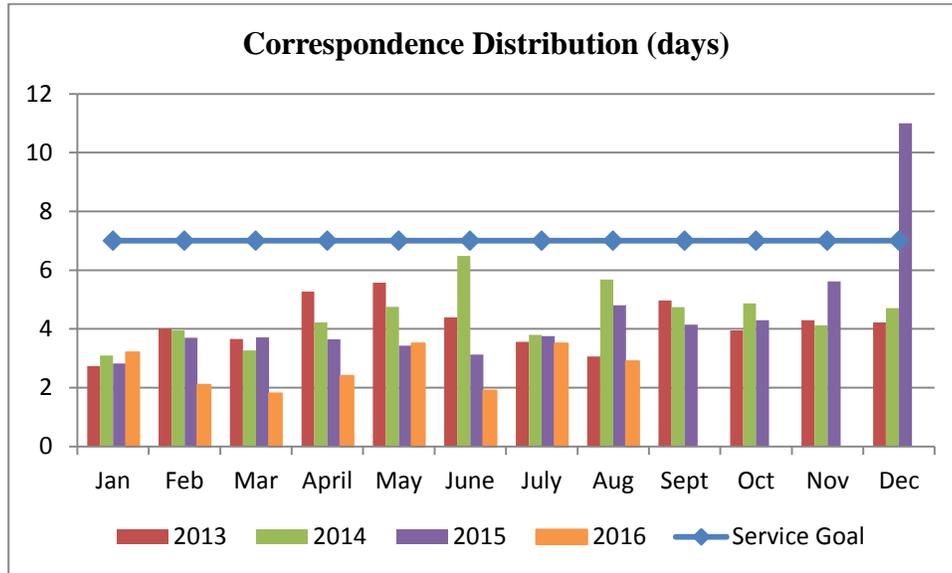
One set of plans was held because no permit application was submitted.

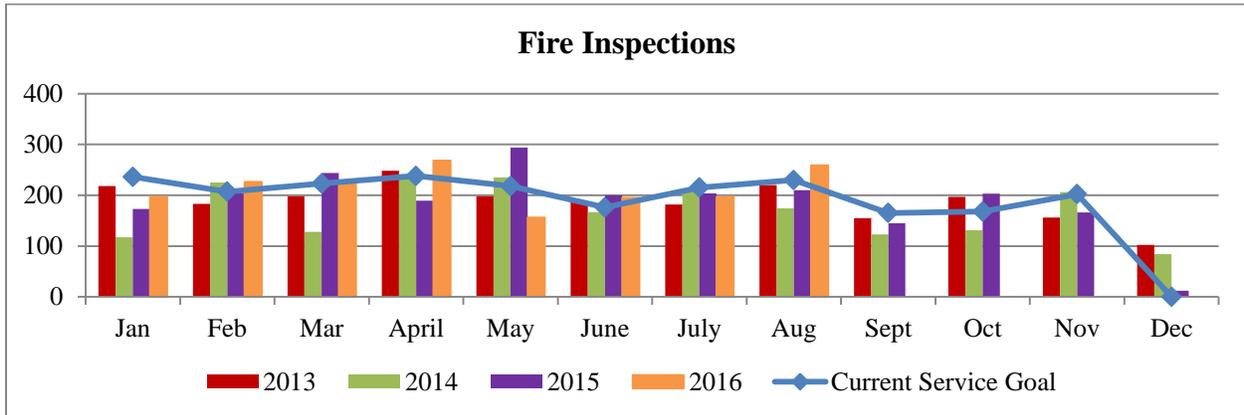
FIRE INSPECTIONS

# Special Inspections	4 (Event Inspections, temporary structures, vacant structures)
Internal Report Reviews	0
Field Evaluations	0
Post Inspection Evaluations	7
Correspondence Distribution	2.9 days
Correspondence >7 days	0

Customer evaluations received = 7	Average score = 3.9
MAJOR Errors = 0	MINOR Errors = 0

Post-inspection evaluations: topic was verification of contacts.





FIRE INSPECTIONS

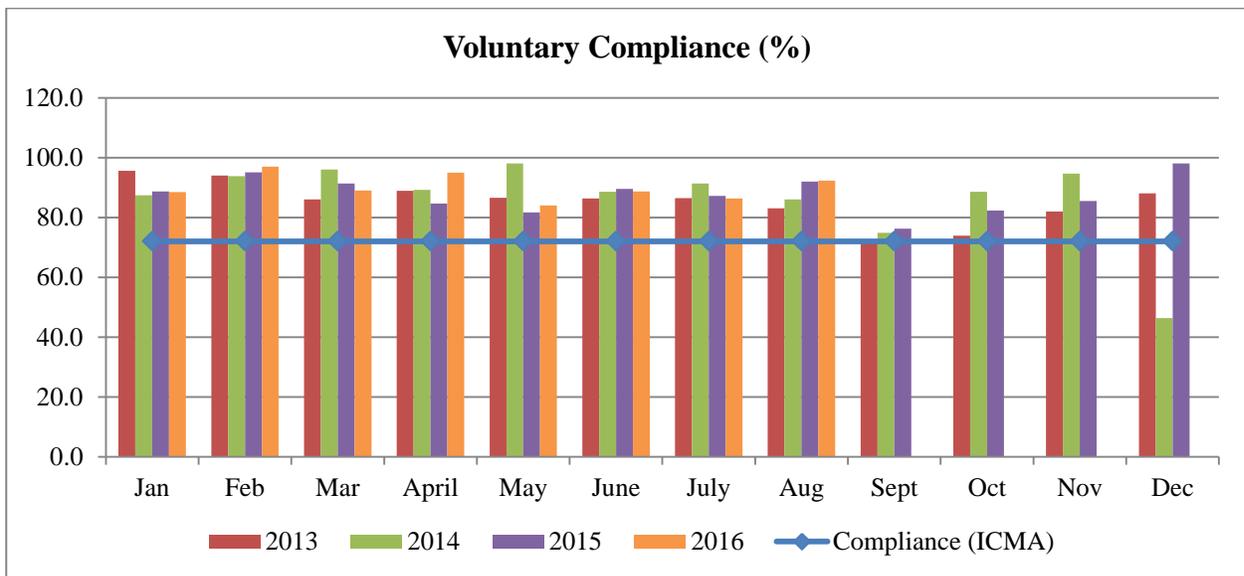
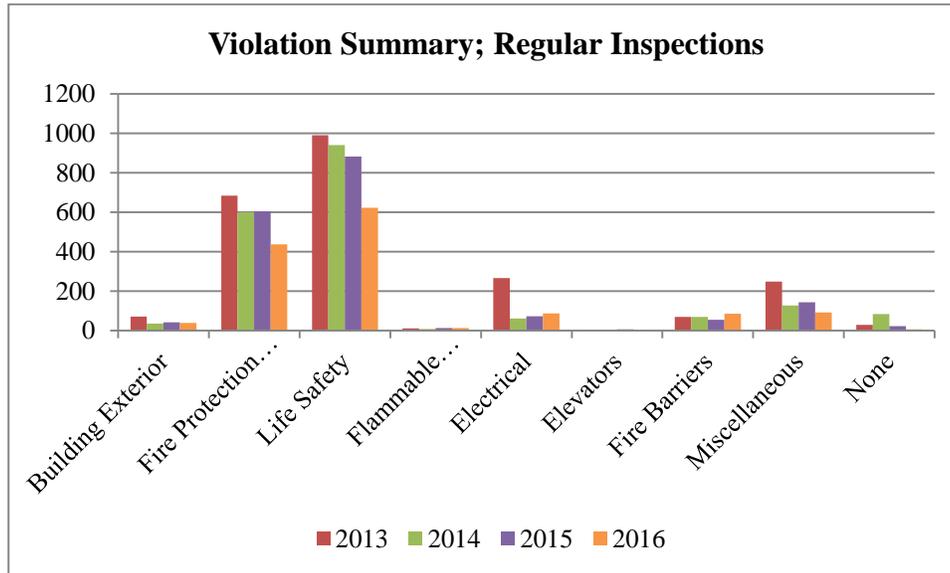
- *Expected inspections for the month of August service goal = 230; actual = 259.*
- *Total square footage inspected through August 31, 2016 = 19,134,203.*

Customer Evaluation Comments:

None.

FIRE INSPECTION VIOLATION SUMMARY

*7.7% of all August inspections generated a citation to appear in court.
45% of all August 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 7

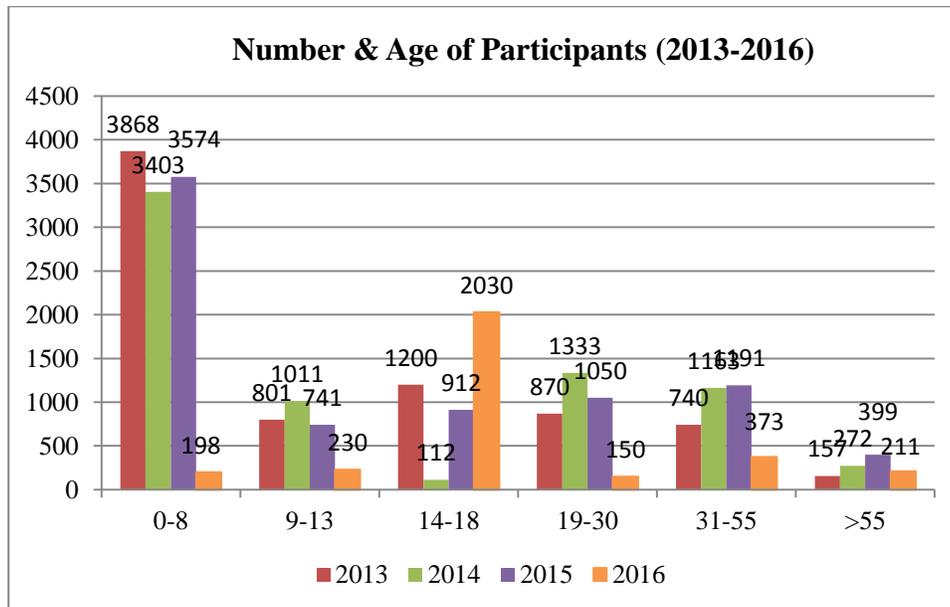
of Attendees 2877

Customer evaluations received	2	Average score	5.0
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Customer Evaluation Comments:

- *Very interesting and well organized.*
- *Very well informed,*

- 2 CPR Class with the public (7 attendees).
- National Night Out (475 attendees).
- Brentowne Manor presentation (50 attendees).
- Back on the Bus Expo (120 attendees).
- S.A.L.T presentation (25 attendees).
- Evacuation Drill @ Andrew High School (2200 attendees).



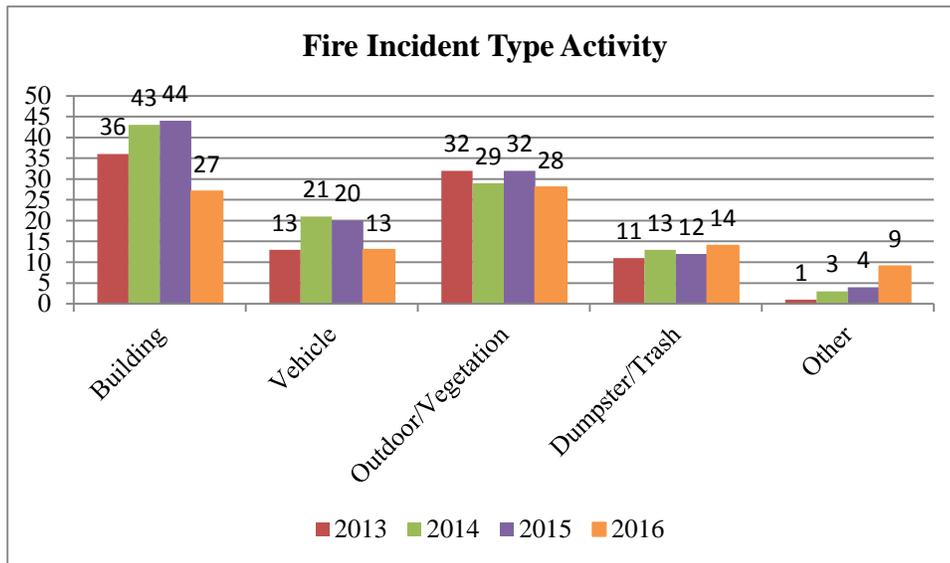
2016 TRAINING SUMMARY

Training hours accumulated through August 31st, 2016:

- Fire Inspection 146
- Plan Reviews 40
- Public Education 87
- Fire Investigations 395
- 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.

FIRE INVESTIGATIONS



Comments:

During August there were a total of four (4) fires. They are as follows:

- *Structure fire: 2*
- *Grill fire: 1*
- *Commonwealth Edison pole: 1*

Three requests for fire investigation in August:

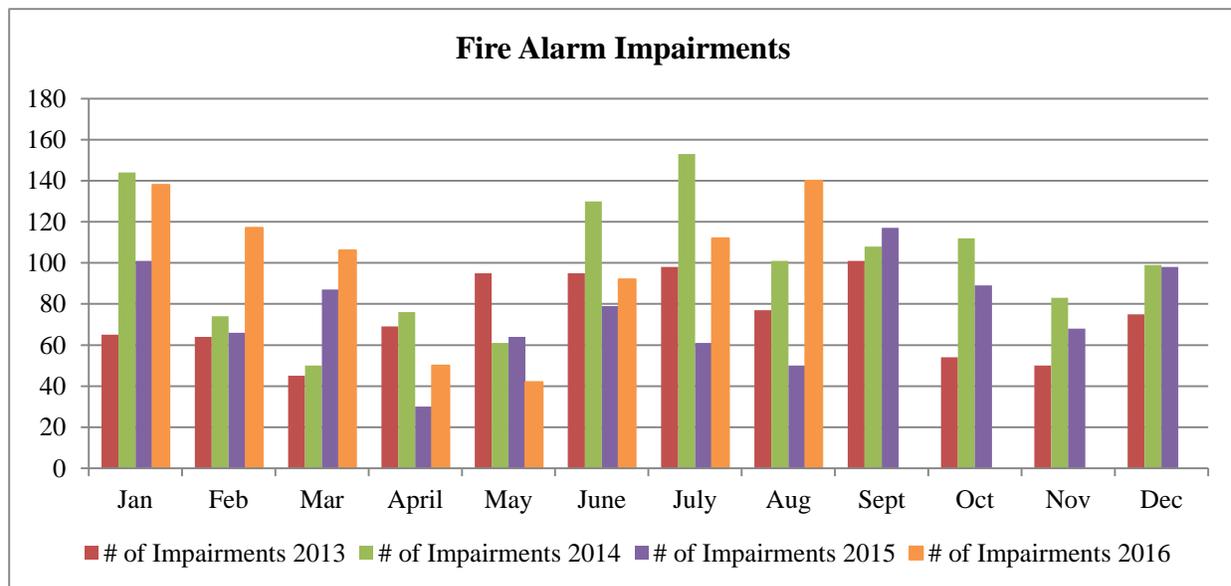
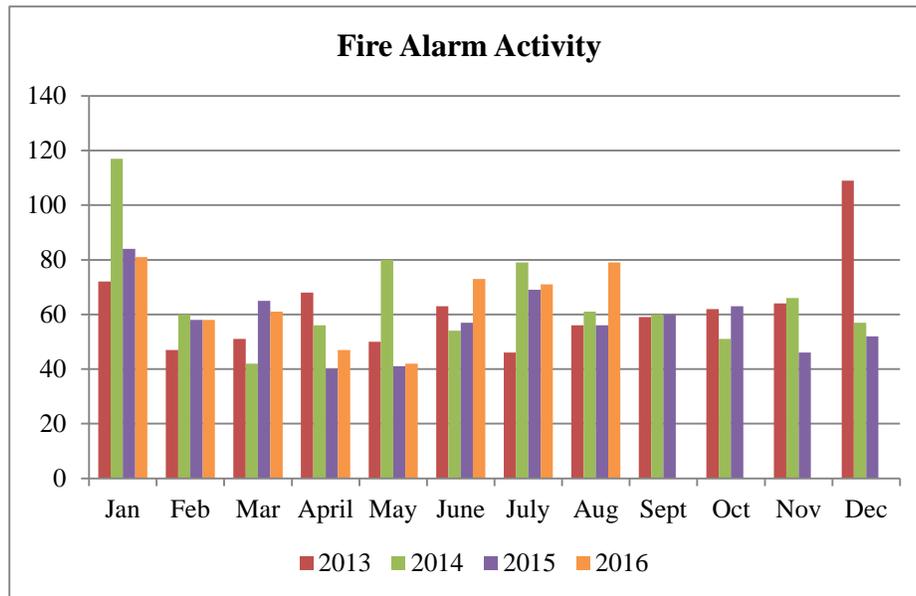
- *18607 Westpoint Drive, townhome.*
- *Oak Park Avenue & Harlem Avenue, vehicle fire.*
- *16532 Winston, mattress fire.*

Investigator response in August was 3.

Dollar Loss Estimates:

- ***Buildings = \$407,242***
- ***Vehicles = \$154,900***

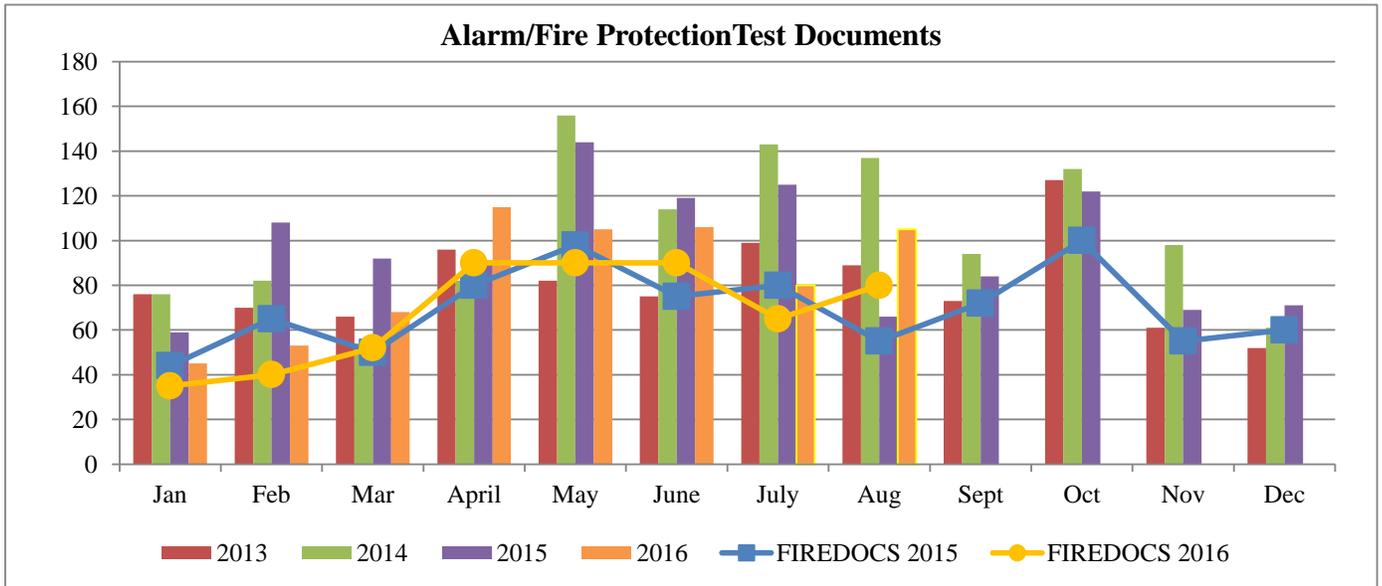
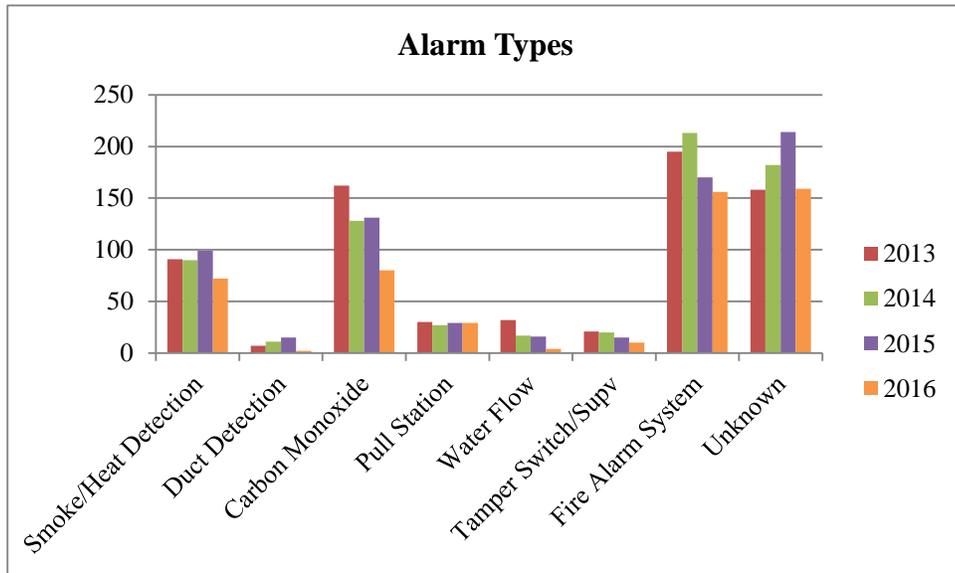
FIRE ALARM ACTIVATIONS



Number of Fire Department alarm responses:

- 81 Alarm responses.
- 112 alarm impairment visits.
- 5 work orders to Fox Valley for radio transmitter issues.
- Radio transmitter Battery Service = 12
 - 9 planned
 - 3 unplanned
 - Average battery life; unplanned battery service = 25 months.

FIRE ALARM ACTIVATIONS; (cont.)



CITIZEN COMPLAINTS

Number of complaints: 1

Summary:

Complaint regarding storage of propane and gasoline in private garages. E-mail contact to homeowner. Considered satisfied.