



Tinley Park Fire Prevention Monthly Activity Report

July 2016 – Noted Activity

- *Deputy Chief of Fire Prevention, Daniel Riordan, assumed the role of Interim Fire Chief until September 30, 2016.*
- *Fire Inspector, Steven Lorendo, assumed the responsibilities of running Fire Prevention until September 30, 2016.*
- **Public Education:**
 - *A rocket launch competition was held between the Cub Scouts, shift crews and residents of Hanover Place.*
 - *Sent 10 carbon monoxide letters to residents who had activations; 64 letters since January 1st.*
- **FIRECORPS**
 - *Assisted with the rocket launch at Hanover Place.*
 - *Attended Fire Extinguisher Training.*
 - **13-hours** of participation in July.
- **Service Goals:**
 - *99% of correspondence goal was met.*
 - *196 inspections completed in July; (91% of inspections scheduled)*
 - *Correspondence turn around time = 3.5 business days. One exceeded 7 days.*
 - *Plan review turn around time = 1 business day.*
- **Top Violations in July** (total violations noted)
 - *Lack of testing document for Fire Protection/Fire Alarm testing =12.*
 - *Improperly working exit signs/emergency lighting = 49.*
 - *Improperly maintained fire extinguishers =16.*
- **Fire incidents/investigations**
 - *16849 Forestview Drive*
 - *17918 Highland Avenue*
 - *194th & Harlem Avenue*
- **FIREHOUSE occupancy entries:** *76% completed.*
- **Internal Audit** *Completed on Knox Box key/maintenance*
- **Training Hours in July = 5**

PERMIT PROCESS & PLAN REVIEWS

PLAN REVIEW AND PERMIT ACTIVITY

Outstanding Fire Alarm Permits = 23

Outstanding Fire Protection Permits = 36

Plan Review Summary by Type

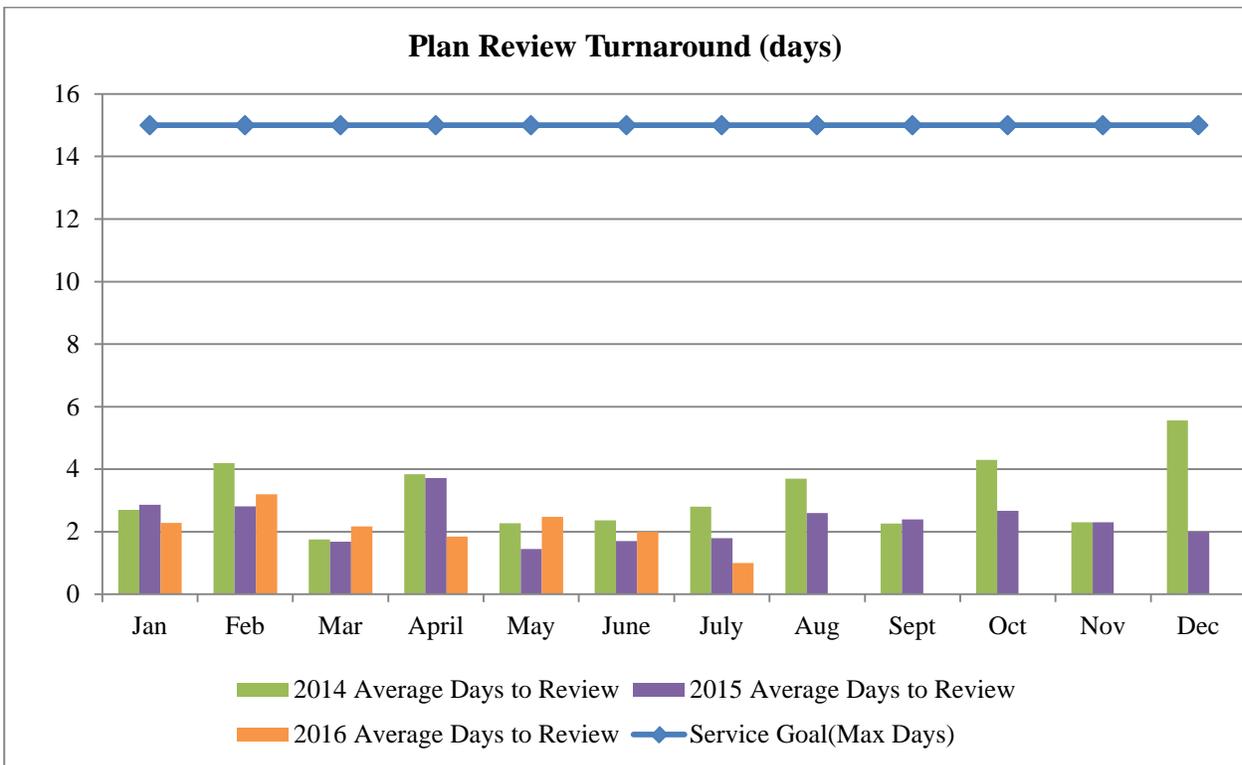
Plan Review Type	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Commercial/Residential	8	9	10	12	13	19	8						79
Life Safety Systems	10	9	10	8	13	11	9						70
Pyrotechnic	0	0	0	0	0	1	0						1
Tent/Special Event	0	1	3	0	3	1	3						11
													161

0 plan review sent to ICC

0 pyrotechnic display

3 tent permit in for review

4 quick permits reviewed



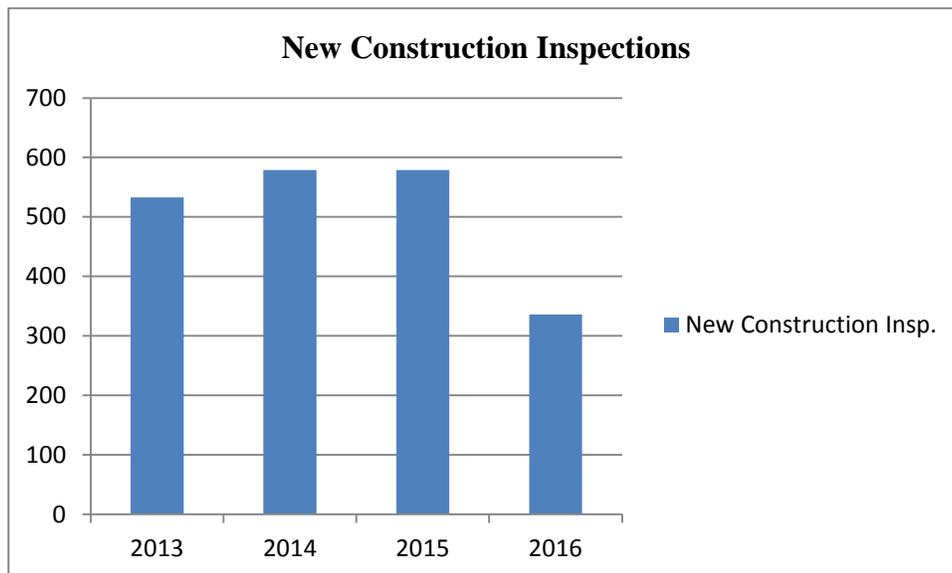
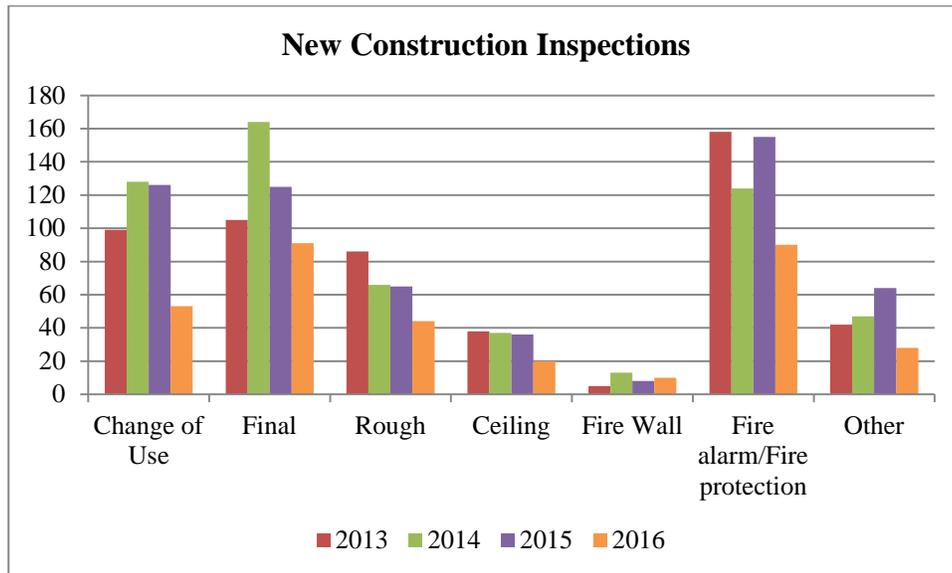
Plan Review Summary by Occupancy, Square Footage and Time Reviewed (initial review only)

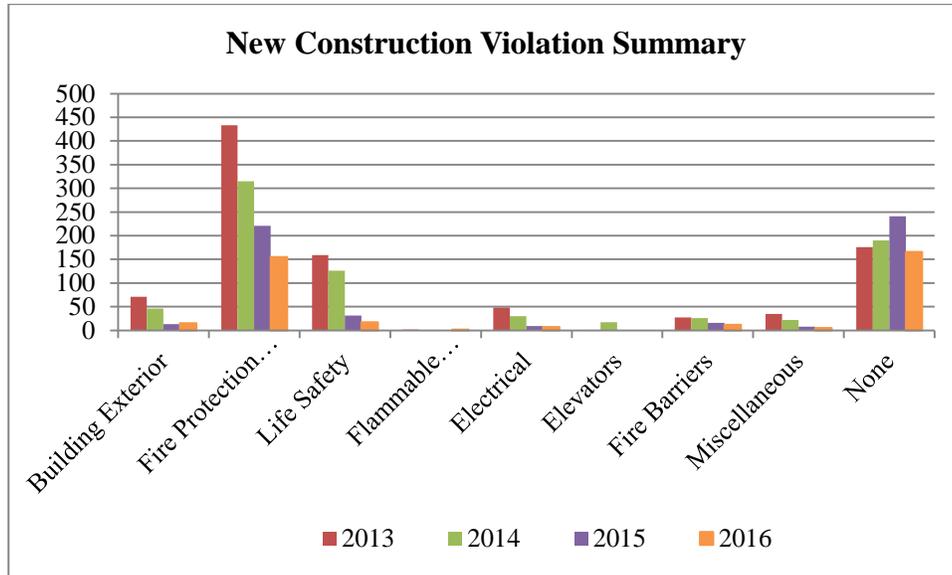
Occupancy Type/Hours	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
Assembly													
# square feet	2,522	1,200	32,400	21,265	28,135	22,425	5,700						113,647
# of hours	.5	.75	5	3.5	4	1.25	2.5						17.5
Educational													
# square feet	0	3,420	0	1,000	0	0	0						4,420
# of hours	0	.75	0	.5	0	1	4						6.25
Factory													
# square feet	0	0	0	0	0	0	0						0
# of hours	0	0	0	0	0	1	0						1
Institutional													
# square feet	0	0	25,250	0	0	0	0						25,250
# of hours	0	3.0	.25	0	1.0	0	0						4.25
Mercantile													
# square feet	0	4,000	0	17,250	0	24,948	3,600						49,798
# of hours	0	2.0	0	.5	.5	5.25	1.5						9.75
Residential													
# square feet	2,692	0	500	0	66,000	7,100	0						76,292
# of hours	2.0	0	.75	0	3.5	2.75	1.5						10.5
Storage													
# square feet	0	0	0	8,262	8,262	35,150	38,056						89,730
# of hours	0	0	0	2.0	1.5	3	2						8.5
Miscellaneous													
# square feet	0	20,800	0	0	0	0	0						20,800
# of hours	0	1.0	0	0	0	0	0						1.0
Mixed Use													
# square feet	0	0	0	0	0	6,000	0						6,000
# of hours	0	0	0	0	0	1.5	0						1.5
Business													
# square feet	25,343	5,000	43,094	27,300	20,679	14,344	28,176						164,936
# of hours	8.0	5.75	9.0	5.5	10.0	7	5						50.25
Totals													
# square feet	30,557	34,420	101,244	75,077	123,076	109,967	75,532						549,873
# of hours	10.5	13.25	17.0	12.0	20.5	22.75	16.5						112.5

PERMIT PROCESS & PLAN REVIEWS (cont.)

Thirty-four (34) New Construction inspections completed in July.

41% of completed inspections did not generate any violations/corrective actions.





PERMIT PROCESS & PLAN REVIEWS (cont.)

Acceptance Testing

# of acceptance tests	7
Scheduled/Completed in 3 business days (%)	100%

Customer evaluations received 0	Average score 0.00
MAJOR Errors = 0	MINOR Errors = 0

Customer Evaluation Comments: *No comments made in the month of July.*

Rejected Plan Reviews

Plans were submitted without cut sheets and where the placement of fire sprinkler heads would be located. Plans returned to contractor.

FIRE INSPECTIONS

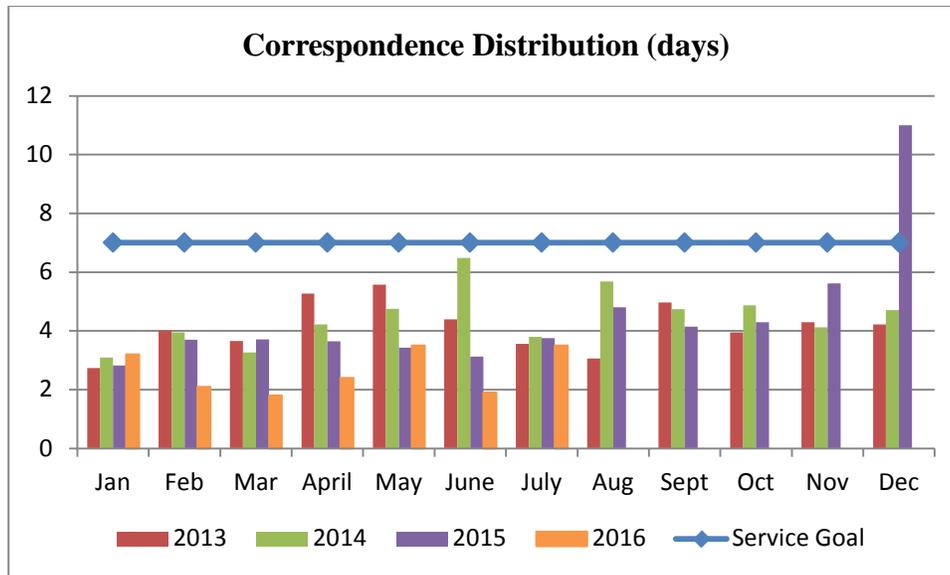
# Special Inspections	4 (Event Inspections, temporary structures, vacant structures)
Internal Report Reviews	10
Field Evaluations	0
Post Inspection Evaluations	9
Correspondence Distribution	3.5 days
Correspondence >7 days	1

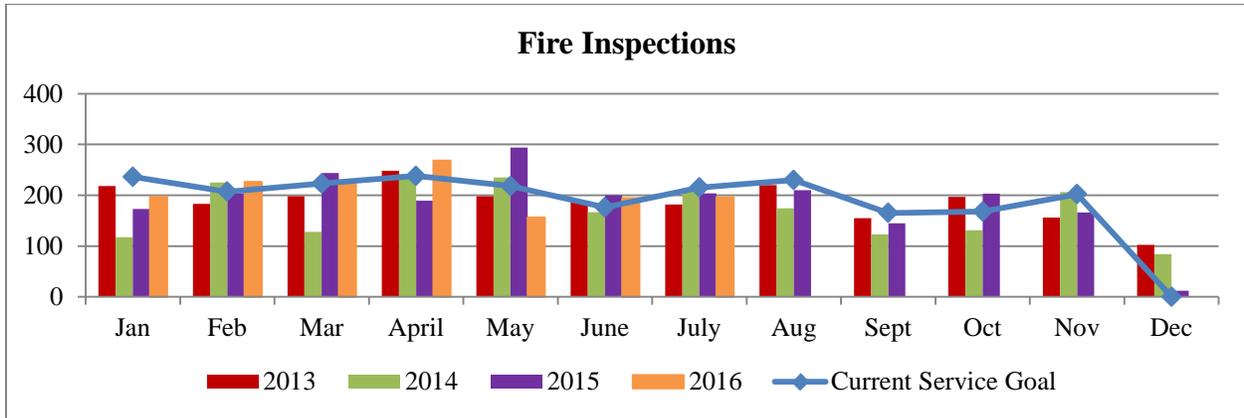
Customer evaluations received = 0

Average score = 0.00

MAJOR Errors = 0

MINOR Errors = 0





FIRE INSPECTIONS

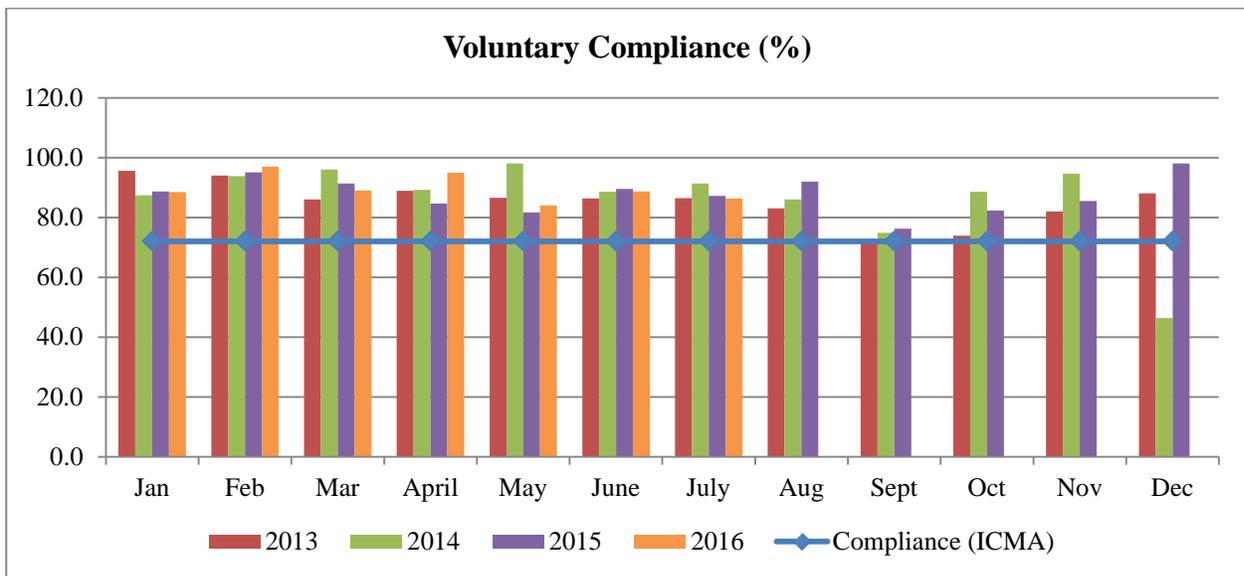
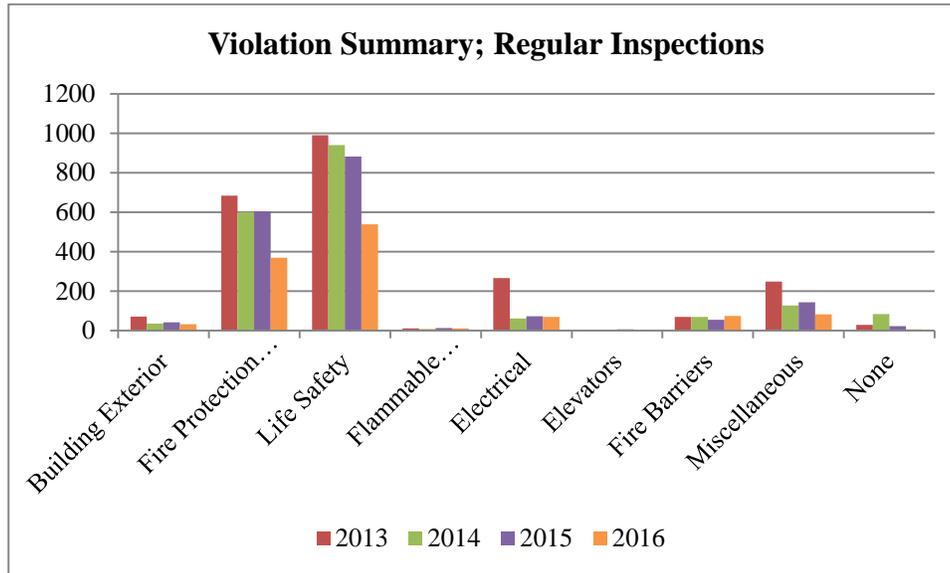
- *Expected inspections for the month of July service goal = 215; actual = 196.*
- *Total square footage inspected through July 31, 2016 = 17,270,520.*

Customer Evaluation Comments:

None

FIRE INSPECTION VIOLATION SUMMARY

*13.7% of all July inspections generated a citation to appear in court.
47% of all July 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 **6**

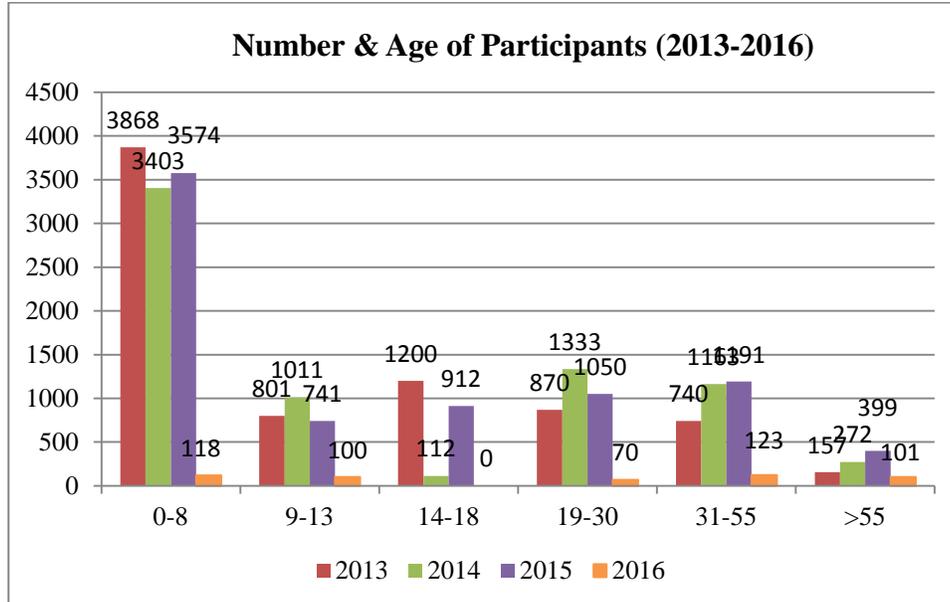
of Attendees **202**

Customer evaluations received	Average score
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Customer Evaluation Comments:

- *Very knowledgeable and enthusiastic.*
- *Grateful for the CPR class affordability.*

- 2 CPR Class with the public (12 attendees).
- 1 CPR class for Village Employees (4 attendees).
- Senior citizen presentation/rocket launch @ Hanover Place (70 attendees).
- Fire extinguisher training for Bickford Senior living employees (23 attendees).
- School visit @ Kindercare (93 attendees).



2016 TRAINING SUMMARY

Training hours accumulated through July 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 26th)
 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.

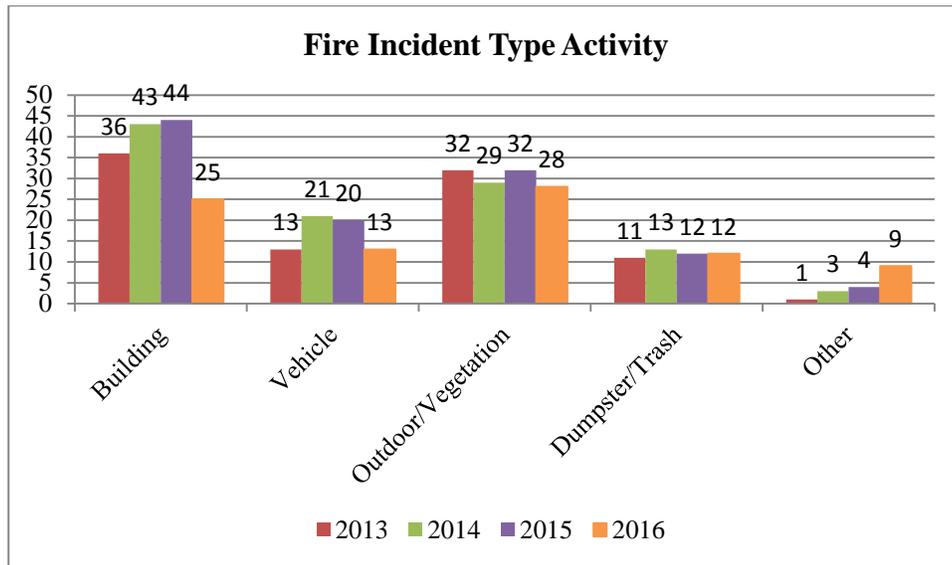
April Renee Grzeszkiewicz, Lorendo and Riordan attended IFIA annual conference (April 26-28).
 Bobbitt attended IFSAP annual conference.
 Keating attended a Permit Technician 101 class.

May Pyrotechnic training for Riordan, Lorendo, Marianovich, Murray, Tim Griffin (May 9th).
 Lorendo attended a 20-hour PATC Vehicle Fire Investigation class (May 16-18).

June Semi-annual Fire Inspector Meeting was held on the 28th.
 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.

FIRE INVESTIGATIONS



Comments:

During July there were a total of thirteen (13) fires. They are as follows:

- Structure fire: 1
- Cooking Fire: 1
- Grill fire: 1
- Vehicle fires: 4
- Mulch/Brush Fire: 1
- Outside trash Fires: 4
- Fence fire from fireworks: 1

One request for fire investigation in July:

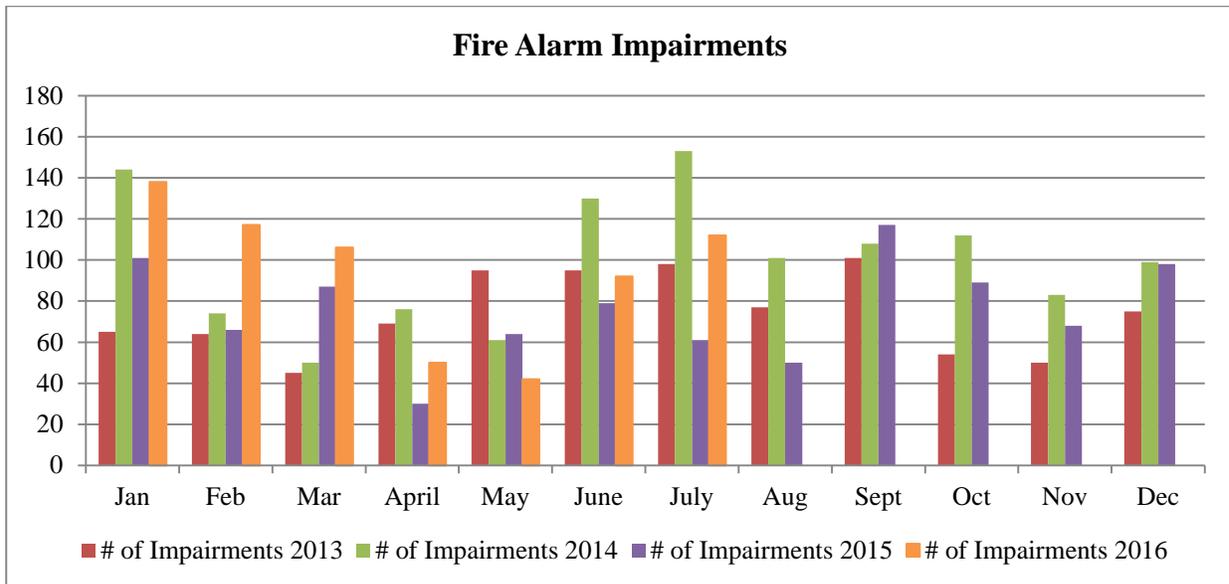
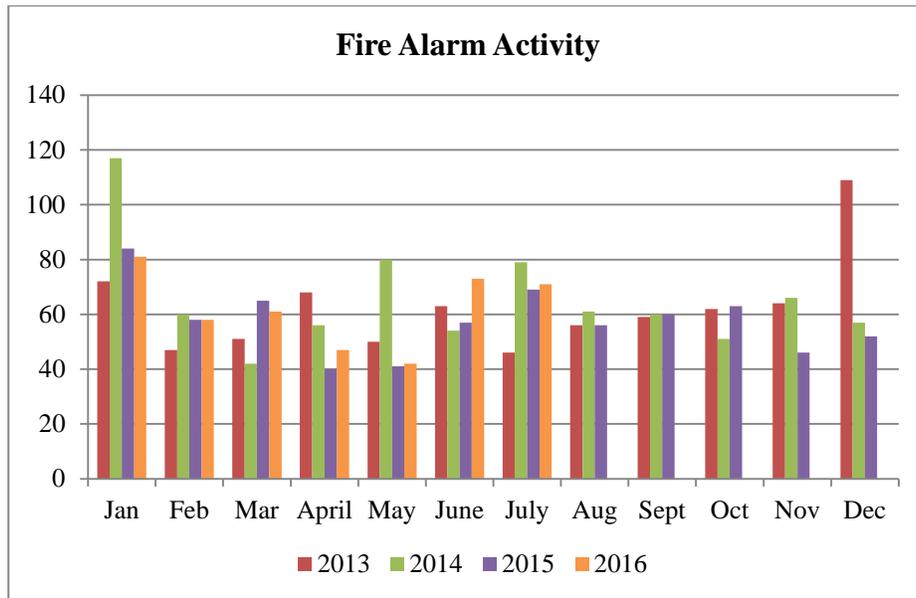
- 16849 Forestview Drive

Investigator response in July was 3.

Dollar Loss Estimates:

- Buildings = \$98,502
- Vehicles = \$11,700

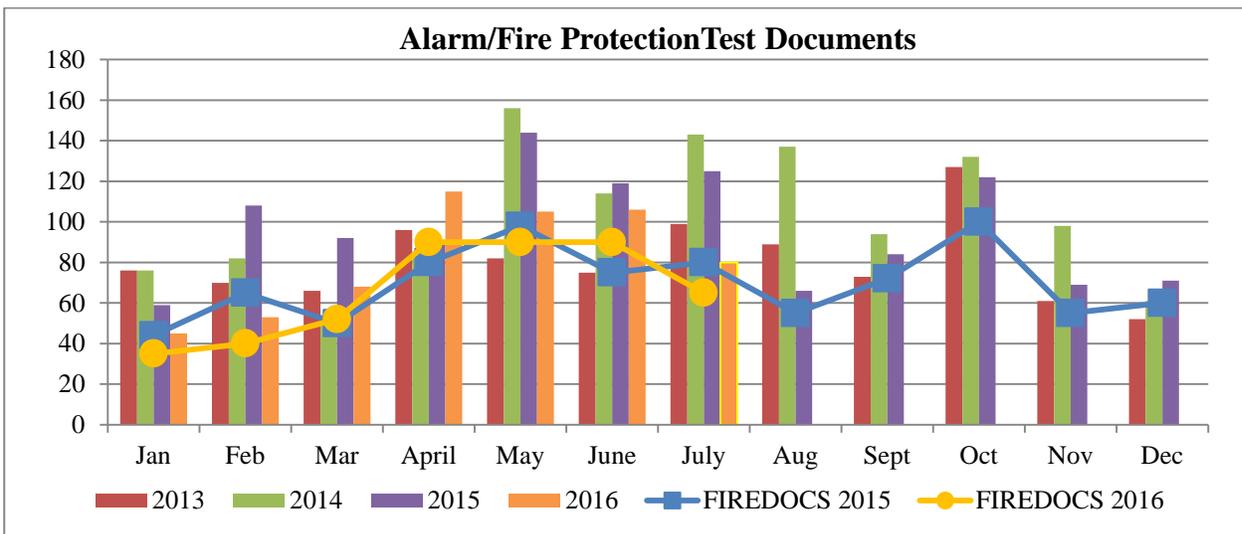
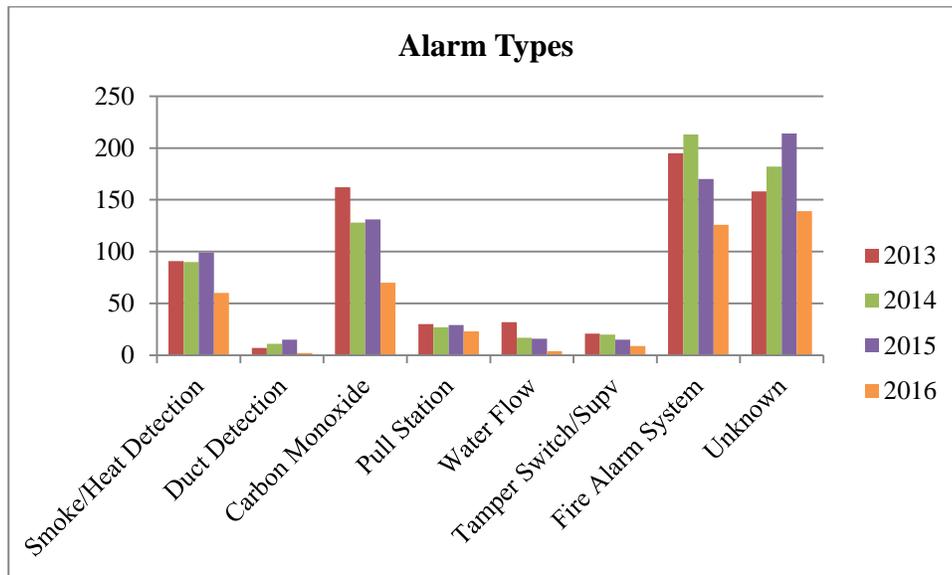
FIRE ALARM ACTIVATIONS



Number of Fire Department alarm responses:

- 85 Alarm responses.
- 112 alarm impairment visits.
- 3 work orders to Fox Valley for radio transmitter issues.
- Radio transmitter Battery Service = 17
 - 12 planned
 - 5 unplanned
 - Average battery life; unplanned battery service = 20 months.

FIRE ALARM ACTIVATIONS; (cont.)



CITIZEN COMPLAINTS

Number of complaints: 1

Summary:

An anonymous complaint was made regarding tiki torches on a balcony at 16719 Paxton Ave on 7/8/16. Attempts were made to phone the resident and no calls were returned. A letter was sent on 7/18/16 and on 7/26/16, contact was established. It was found that the tiki torches were actually solar powered and no open flame is made to create a fire hazard.