



# Tinley Park Fire Prevention Monthly Activity Report

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## *November 2016 – Noted Activity*

- **Public Education:**
  - *3<sup>rd</sup> grade fire education program started; 6 classes visited.*
- **Inspection/Plan Review Service Goals:**
  - *100% of correspondence goal was met.*
  - *197 inspections completed in November; (97% of inspections scheduled).*
  - *Correspondence turn around time = 3.4 business days.*
  - *Plan review turn around time = 3.25 business days.*
- **Top Violations in November; (total violations noted).**
  - *Lack of testing document for Fire Protection/Fire Alarm testing = 27.*
  - *Improperly working exit signs/emergency lighting = 65.*
  - *Improperly maintained fire extinguishers = 14.*
- **Fire incidents/investigations @ 6623 W. 173<sup>rd</sup> Place.**
- **Elevator equipment and & cooking equipment** was audited in post-inspection follow-ups.
- **Plan Reviews;** average plan review takes .75 hours and average square footage = 6,163.
- **Internal Audit** conducted on training documentation. 5 reviewed and objectives completed correctly.
- 26 inspector **Field Evaluations** were conducted in November.
- **41 training hours** logged by inspectors/investigators.

Outstanding Fire Alarm Permits = 18

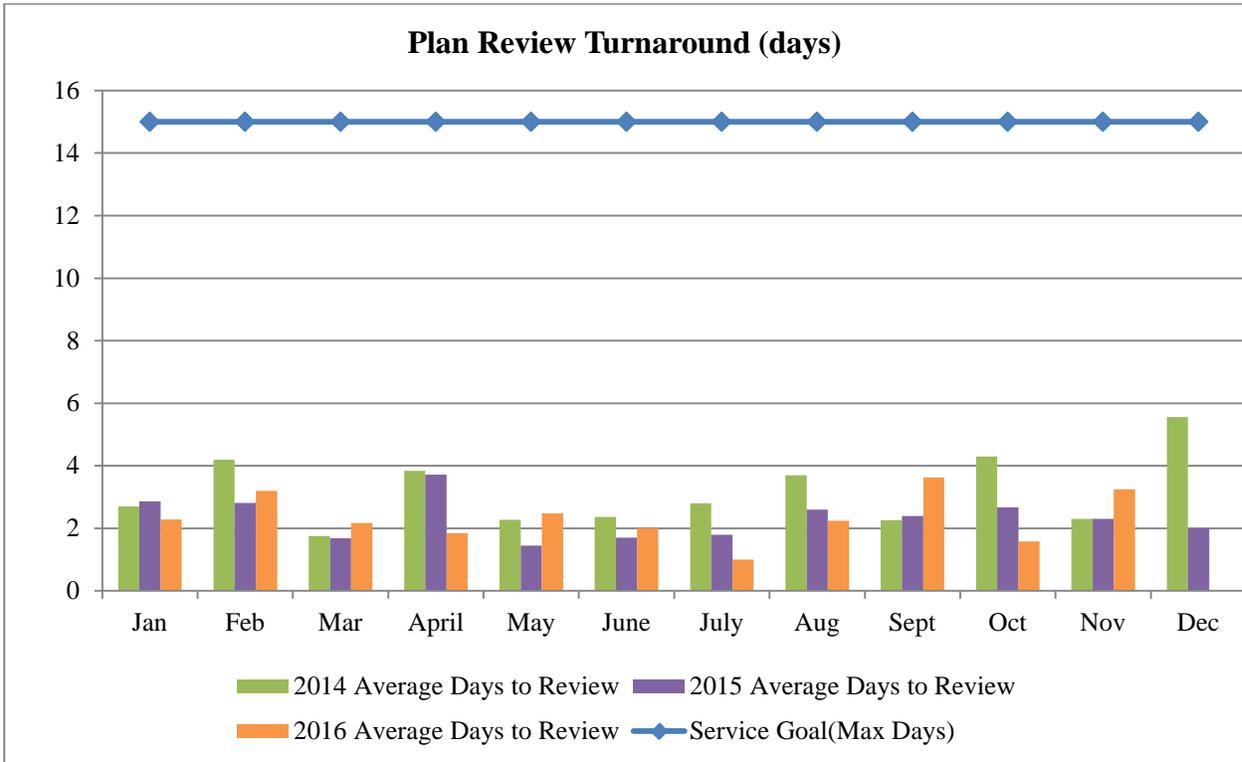
Outstanding Fire Protection Permits = 20

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	10	10		140
Life Safety Systems	10	9	10	8	13	11	9	15	9	8	7		109
Pyrotechnic	0	0	0	0	0	1	0	2	0	0	0		3
Tent/Special Event	0	1	3	0	3	1	3	3	0	1	3		18
													270

0 plan review sent to ICC  
 3 tent permit in for review

0 pyrotechnic displays  
 3 quick permits reviewed



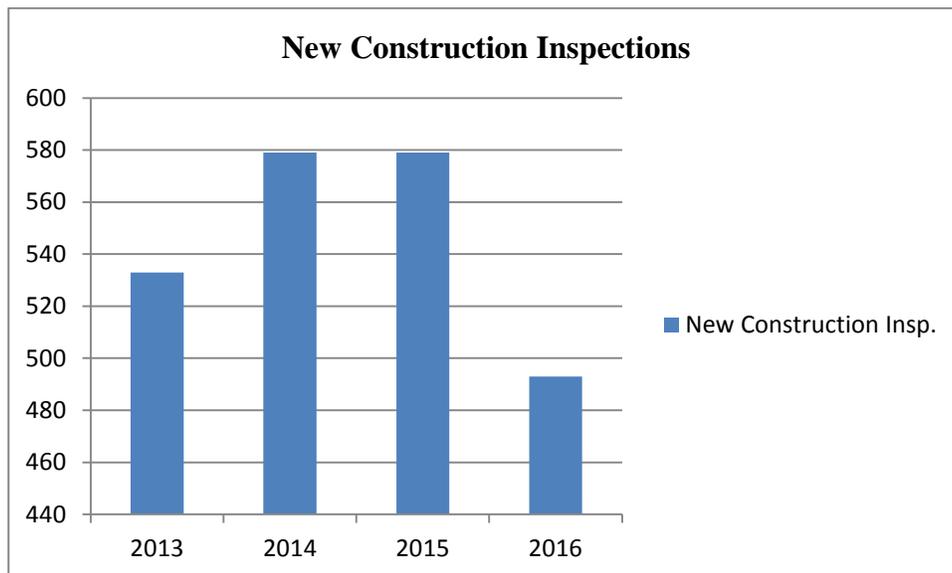
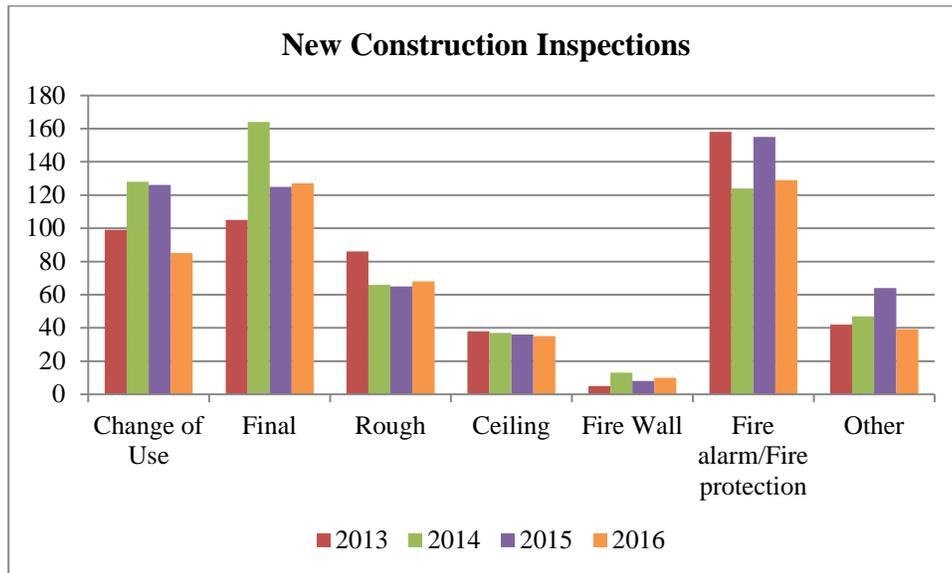
**Plan Review Summary by Occupancy, Square Footage and Time Reviewed (initial review only)**

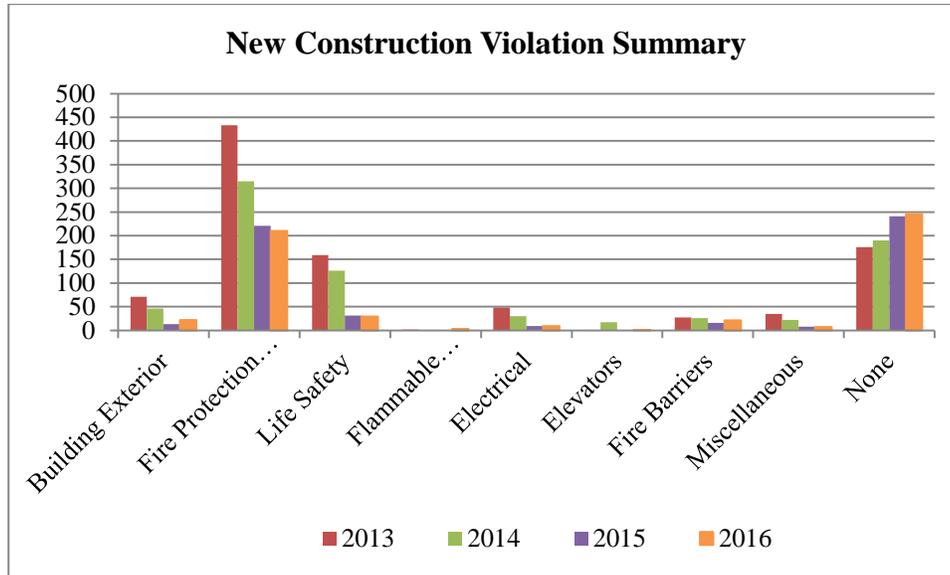
Occupancy Type/Hours	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	TOTAL
<b>Assembly</b>													
# square feet	2,522	1,200	32,400	21,265	28,135	22,425	5,700	5,800	3,000	7,700	25,700		<b>155,847</b>
# of hours	.5	.75	5	3.5	4	1.25	2.5	2	2.5	.75	1		<b>22.75</b>
<b>Educational</b>													
# square feet	0	3,420	0	1,000	0	0	0	0	0	0	0		<b>4,420</b>
# of hours	0	2.75	0	1	0	1	4	0	0	0	0		<b>8.75</b>
<b>Factory</b>													
# square feet	0	0	0	0	0	0	0	0	0	0	0		<b>0</b>
# of hours	0	0	0	0	0	1	0	0	0	0	0		<b>1</b>
<b>Institutional</b>													
# square feet	0	0	25,250	0	0	0	0	0	0	0	1,500		<b>26,750</b>
# of hours	0	3.0	.25	0	1.0	0	0	0	0	0	1		<b>4.25</b>
<b>Mercantile</b>													
# square feet	0	4,000	0	17,250	0	24,948	3,600	150,000	0	150,000	0		<b>349,798</b>
# of hours	0	2.0	0	.5	.5	5.25	1.5	3	0	1.5	0		<b>14.25</b>
<b>Residential</b>													
# square feet	2,692	0	500	0	66,000	7,100	0	46,000	22,800	1,000	6,750		<b>152,842</b>
# of hours	2.0	0	.75	0	3.5	2.75	1.5	1	6	1	5.75		<b>24.25</b>
<b>Storage</b>													
# square feet	0	0	0	8,262	8,262	35,150	38,056	36,000	0	0	0		<b>125,730</b>
# of hours	0	0	0	3.0	2.5	4	3	3	0	0	0		<b>15.5</b>
<b>Miscellaneous</b>													
# square feet	0	20,800	0	0	0	0	0	5,000	0	3,000	0		<b>28,800</b>
# of hours	0	1.0	0	0	0	0	0	1	0	.5	0		<b>2.5</b>
<b>Mixed Use</b>													
# square feet	0	0	0	0	0	6,000	0	0	0	0	0		<b>6,000</b>
# of hours	0	0	0	0	0	1.5	0	0	0	0	0		<b>1.5</b>
<b>Business</b>													
# square feet	25,343	5,000	43,094	27,300	20,679	14,344	28,176	62,000	16,932	14,945	41,769		<b>299,582</b>
# of hours	10.0	5.75	11.0	7.5	10.0	9	7	6.5	6.5	9	5.75		<b>81.5</b>
<b>Totals</b>													
# square feet	30,557	34,420	101,244	75,077	123,076	109,967	75,532	308,560	42,732	176,945	78,119		<b>1,152,469</b>
# of hours	10.5	13.25	17.0	12.0	20.5	22.75	16.5	31	16	12.75	14.75		<b>187</b>

**PERMIT PROCESS & PLAN REVIEWS (cont.)**

*Thirty-one (31) New Construction inspections completed in November.*

*48% of completed inspections did not generate any violations/corrective actions.*





**PERMIT PROCESS & PLAN REVIEWS (cont.)**

**Acceptance Testing**

# of acceptance tests	5
Scheduled/Completed in 3 business days (%)	100%

Customer evaluations received 4	Average score	4.4
<b>MAJOR</b> Errors = 0	<b>MINOR</b> Errors = 0	

**Customer Evaluation Comments:**

- *Provide interactive website scheduling.*

**Rejected Plan Reviews**

2

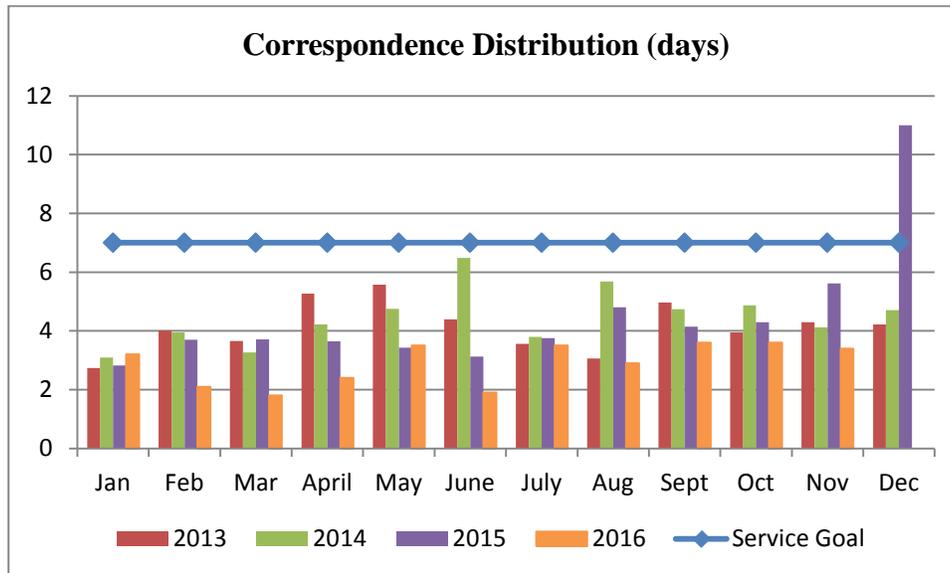
- No NICET Level III, IV or P.E. stamp on plans submitted for fire protection.
- Path of egress and occupant load calculations not submitted.

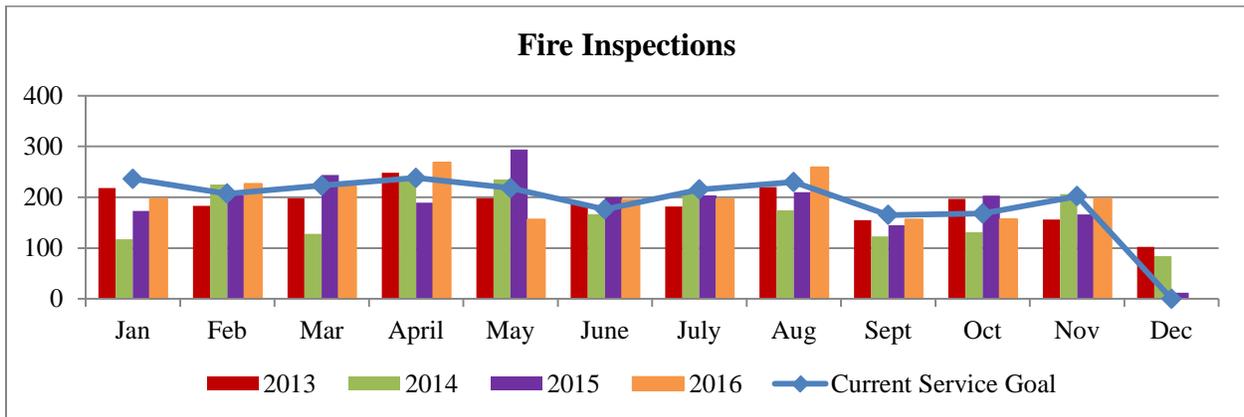
**FIRE INSPECTIONS**

# Special Inspections	<b>4</b> (Event Inspections, temporary structures, vacant structures)
Internal Report Reviews	<b>0</b>
Field Evaluations	<b>26</b>
Post Inspection Evaluations	<b>7</b>
Correspondence Distribution	<b>3.4 days</b>
Correspondence >7 days	<b>0</b>

Customer evaluations received = 5	Average score = 4.36
<b>MAJOR</b> Errors = 0	<b>MINOR</b> Errors = 0

Post-inspection evaluations: cooking equipment/grills and elevator equipment





**FIRE INSPECTIONS**

- *Expected inspections for the month of November service goal = 202; actual = 197.*
- *Total square footage inspected through November 30, 2016 = 28,087,310.*

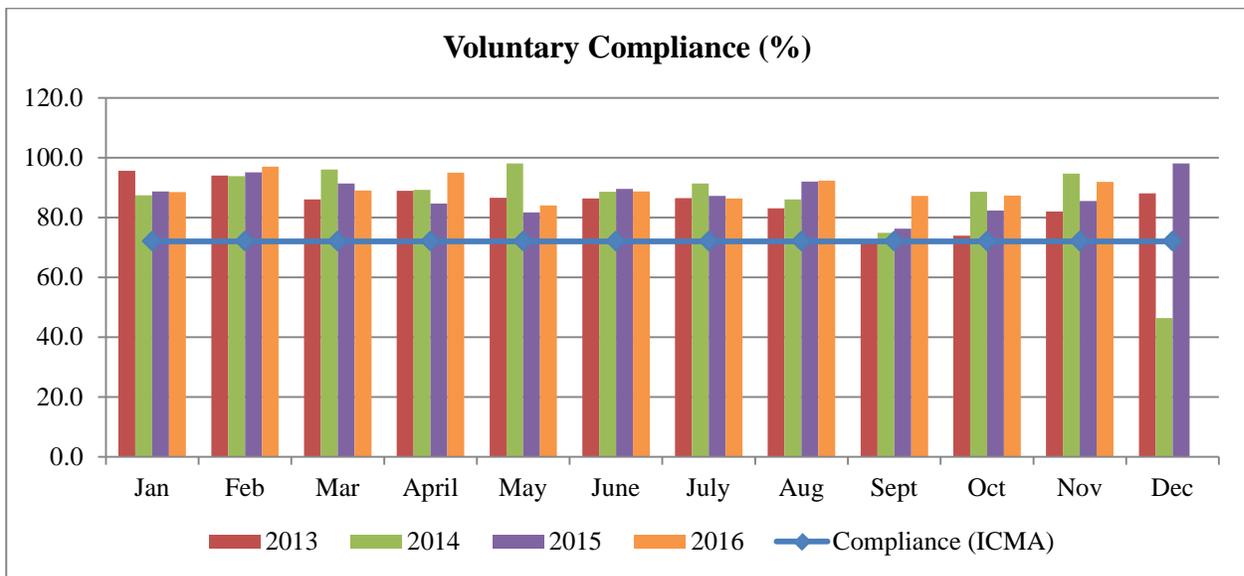
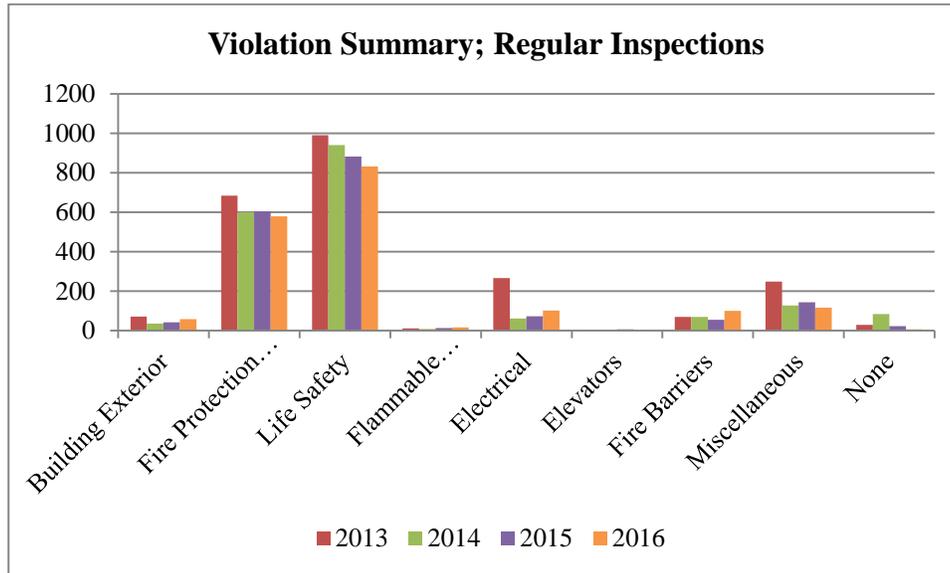
**Customer Evaluation Comments:**

*“always telling me what he would like to see but not going by the code.”*

*“Inspector was very knowledgeable and helpful”*

**FIRE INSPECTION VIOLATION SUMMARY**

*8.1% of all November inspections generated a citation to appear in court.  
44.6% of all November 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**

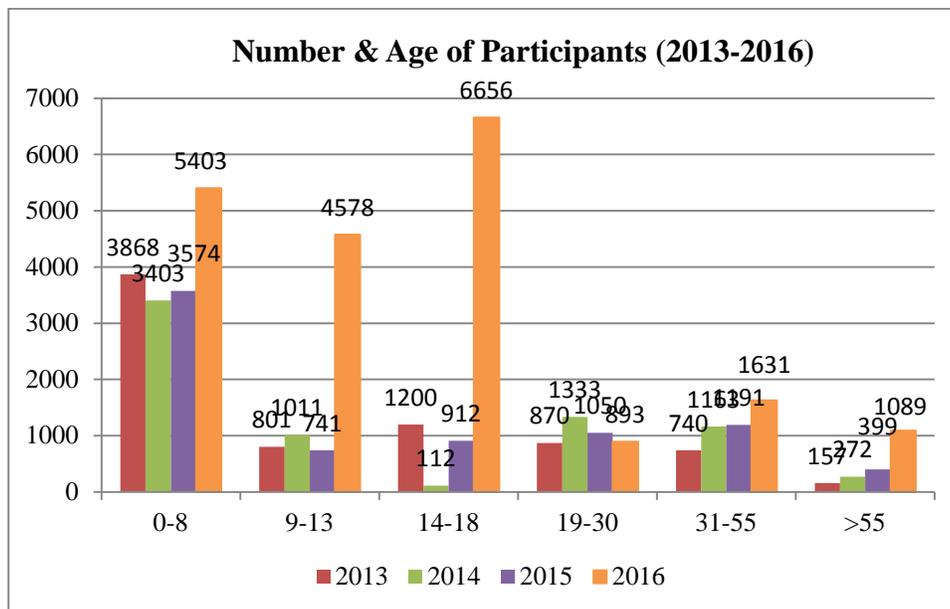
# of Events **14**

# of Attendees **468**

Customer evaluations received	8	Average score	4.95
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**Customer Evaluation Comments:**

- *The CPR class was awesome, the instructors made the class interesting.*
- *The instructor did a wonderful job.*
  
- Healthcare Provider CPR for Fox College and village employees and one *Heartsaver* class for the public
- Provided five rides to school for the poster contest winners.
- Third Grade program continued with six classes visited:
  - November 8th: Andrew H.S. Early Education Program
  - November 10th: Keller (1 session, 2 classes), Bannes (1 session, 2 classes)
  - November 15th: Millennium (2 sessions, 4 classes)
  - November 17th: Bannes (1 session, 2 classes)
  - November 29th: McAuliffe (2 sessions, 4 classes)



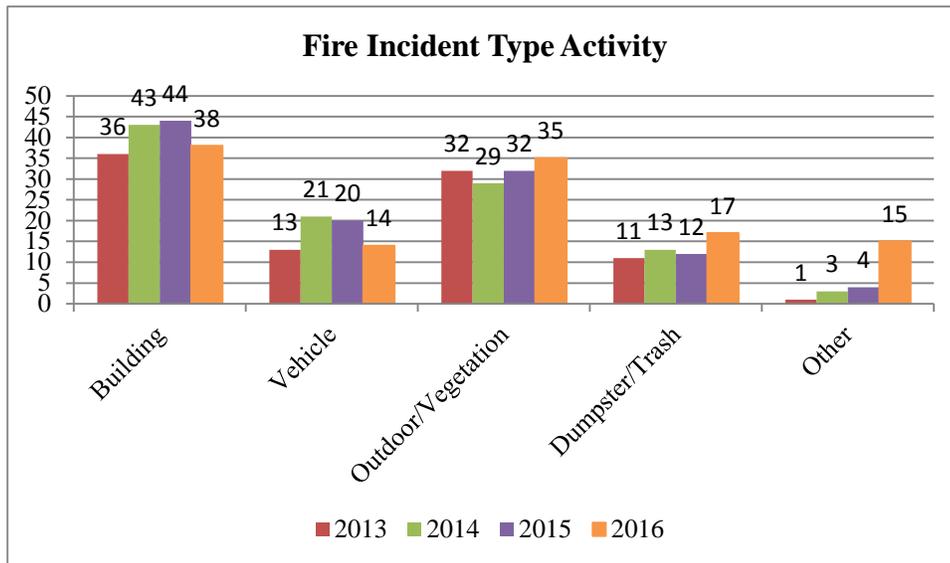
**2016 TRAINING SUMMARY**

**Training hours accumulated through November 30<sup>th</sup>, 2016:**

<b>FI - Fire Inspection</b>	177	<b>FINV - Fire Investigations</b>	535
<b>FM - Fire Marshal</b>	2	<b>PE - Public Education</b>	128
<b>PR - Plan Reviews</b>	23		

<b>January</b>	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.
<b>February</b>	Inspectors did in-house training on Fire Department connections.
	Riordan attended IFIA training on pipe corrosion (February 26 <sup>th</sup> )
	Riordan and Randall attended AHA course update training.
	Lorendo completed 40-hour plan review class.
<b>March</b>	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.
<b>April</b>	Renee Grzeszkiewicz, Lorendo and Riordan attended IFIA annual conference (April 26-28).
	Bobbitt attended IFSAP annual conference.
	Keating attended a Permit Technician 101 class.
<b>May</b>	Pyrotechnic training for Riordan, Lorendo, Marianovich, Murray, Tim Griffin (May 9 <sup>th</sup> ).
	Lorendo attended a 20-hour PATC Vehicle Fire Investigation class (May 16-18).
<b>June</b>	Semi-annual Fire Inspector Meeting was held on the 28 <sup>th</sup> .
	WCGFITF June training held on the 15th; vehicle practical.
<b>July</b>	Lorendo completed 4 hour Fire Investigator training from <a href="http://www.cfitrainer.net">www.cfitrainer.net</a> .
	IFC Riordan attended fire extinguisher training at Bickford Senior Living.
<b>August</b>	No training hours.
<b>September</b>	ALL Inspectors: on-line training; IFC, Chapter 1
<b>October</b>	Riordan @ WCGFITF monthly training; construction. (1,5 hours)
	Beran, Messina, Owczarski did 2012 IFC on-line training (1-hour each)
	Marianovich attended OSFM School inspector class in Morton Grove.
	New construction field training for D. Mazziotta (Riordan) 3-hours
	Anthony Mazziotta CFI-Trainer Scene Examination (4-hours)
	James Wooten; 2 OSFM Fire Investigator modules (80-hours)
<b>November</b>	Buttala, Lorendo, Riordan AFAA Fire Alarm Summit.
	Lorendo Completed 4-Hour CFI-Trainer course on Interviewing.
	Monthly on-line training; cooking equipment

**FIRE INVESTIGATIONS**



**Comments:**

During November there were a total of eight (8) fires. They are as follows:

- Structure Fire: 2
- Dumpster Fire: 2
- Mulch Fire: 2
- Trash Fire: 2

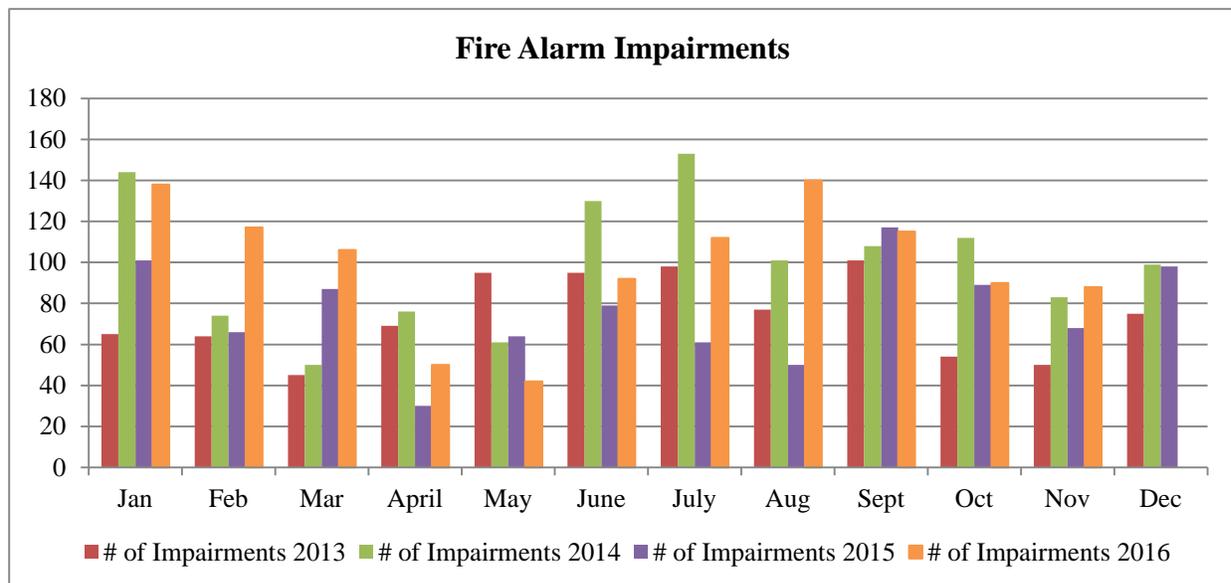
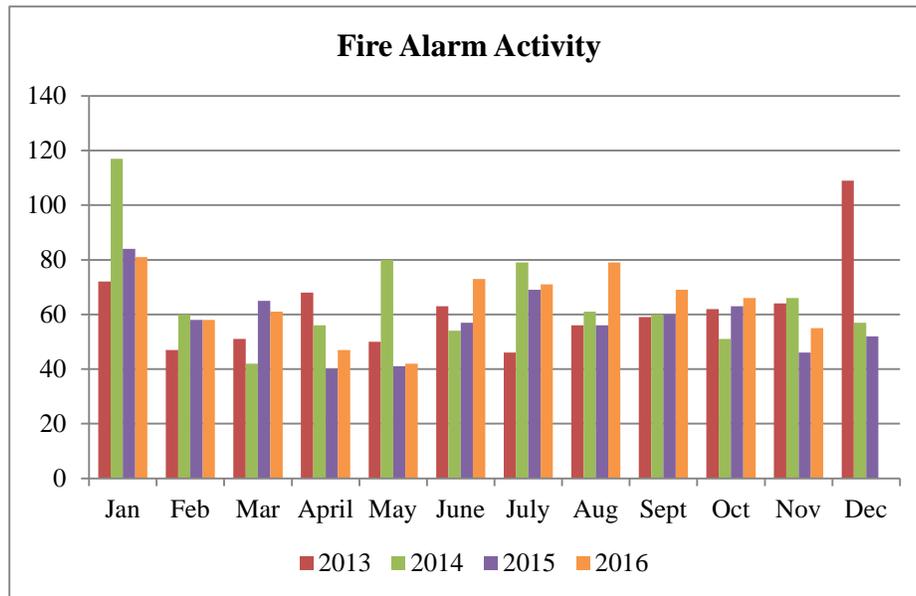
1 fire investigation in November:

16-2316 6627 W. 173<sup>rd</sup> Place

**Dollar Loss Estimates:**

- Buildings = \$574,242
- Vehicles = \$156,100

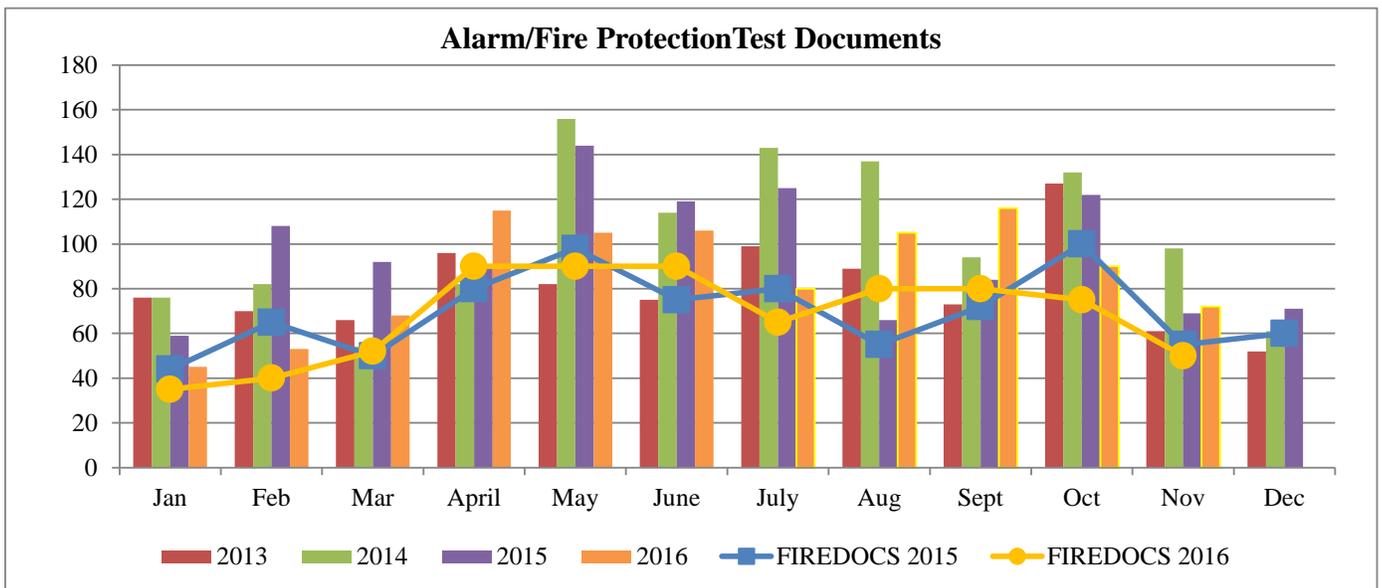
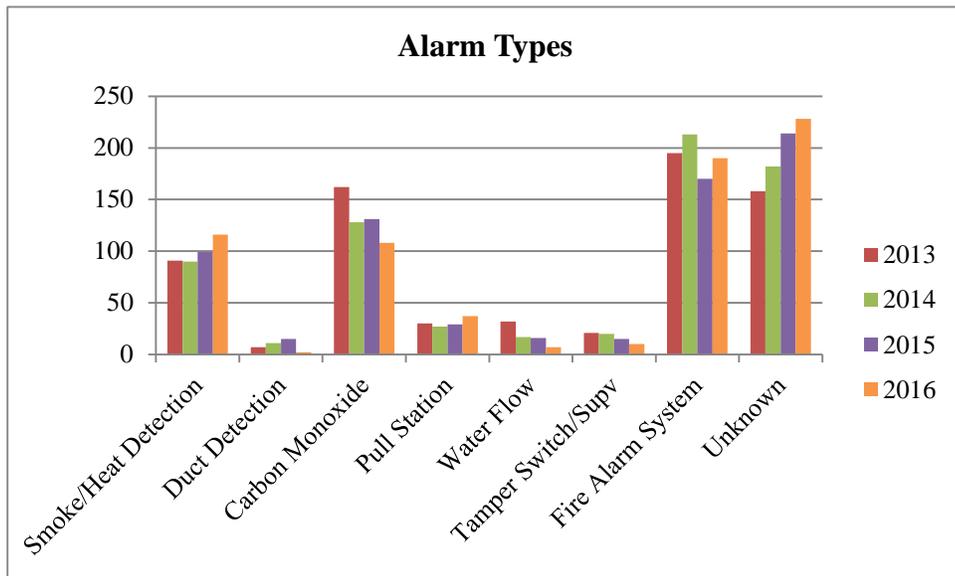
**FIRE ALARM ACTIVATIONS**



**Number of Fire Department alarm responses:**

- 55 Alarm responses.
- 10 carbon monoxide letters sent out.
- 88 alarm impairment visits.
- Radio transmitter Battery Service = 8
  - 6 planned; 2 unplanned
  - Average battery life; unplanned battery service = 30 months.

**FIRE ALARM ACTIVATIONS; (cont.)**



**CITIZEN COMPLAINTS**

Number of complaints: 1

**Summary:** *Complaint was made that an outside fire was at a residence located at 7608 W. 170<sup>th</sup> Street. D/C Riordan went to the address and asked owner to put out the fire. Homeowner complied and had a discussion with D/C Riordan about open burning and was given a brochure about it.*