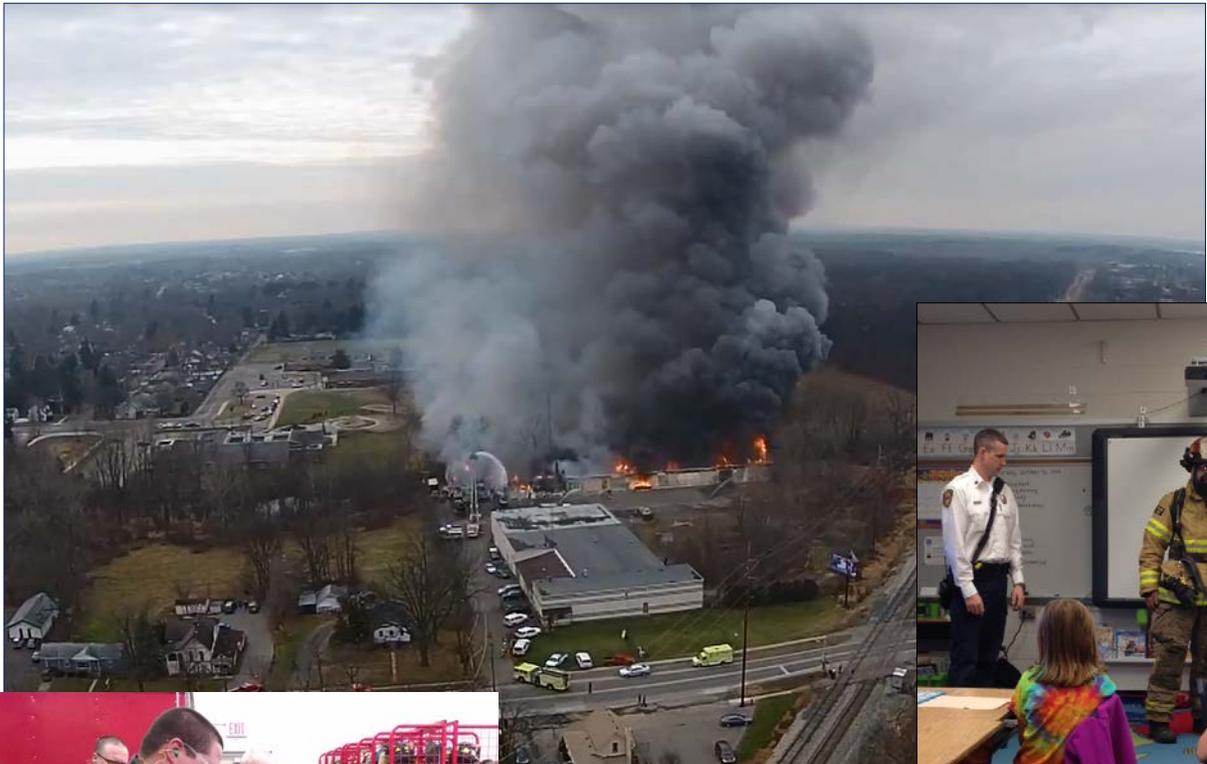




# SOUTH LYON FIRE DEPARTMENT 2014 ANNUAL REPORT



## Message from the Fire Chief

In 2014, the South Lyon Fire Department continued to make enhancements to its organization, operation, and administration. This success would not have been possible without support and assistance from the City Manager, Mayor, City Council, city staff, and city department managers, along with that of the fire officers and firefighters. The following report outlines many of the accomplishments that occurred during 2014.

2014 significant accomplishments:

- Training room was renovated.
- Improvements made to parking lot and dumpster enclosure.
- New computer server, router, and rack were installed.
- Multiple training evolutions were conducted with the Lyon Twp Fire Department.
- SLFD and SLPD worked on developing a joint response to an active shooter incident. This training included attending a series of tabletop scenarios with the South Lyon Community School District. This effort culminated in a drill at Centennial Middle School. This was an excellent endeavor where both departments trained on each other's roles in an active violence incident.
- Worked with private hydrant system owners to ensure operational readiness.
- SLFD was presented with a Life Safety Achievement Award for its fire prevention accomplishments in 2013 by the National Association of State Fire Marshals Fire Research and Education Foundation in partnership with Grinnell Mutual Reinsurance Company. The Life Safety Achievement Award recognizes fire departments for their fire prevention programs that have been proven to save lives year after year.

It is an honor to serve as your Fire Chief, and I look forward to leading the South Lyon Fire Department in further progress - Chief Mike Kennedy



Clockwise pictures on cover page

Pullum Window fire, public fire education class for second graders, mutual aid fire to Lyon Township on Pontiac Trail, vehicle crash on Lafayette at Lottie, forcible entry training.

## Incidents

 Average response time: 7 minutes 17 seconds

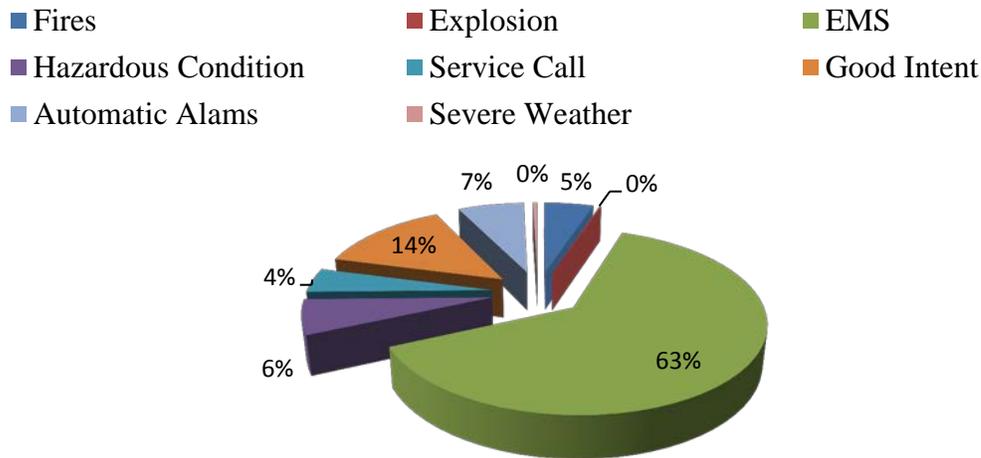
 There were eight structure fires in the City of South Lyon. (The Pullum fire resulted in the total loss of both the structure - \$467,000 and contents - \$560,000, which are reflected in the below numbers).

- \$2,320,100 in pre-fire value
- \$1,117,080 in property saved
- \$1,203,020 in property lost

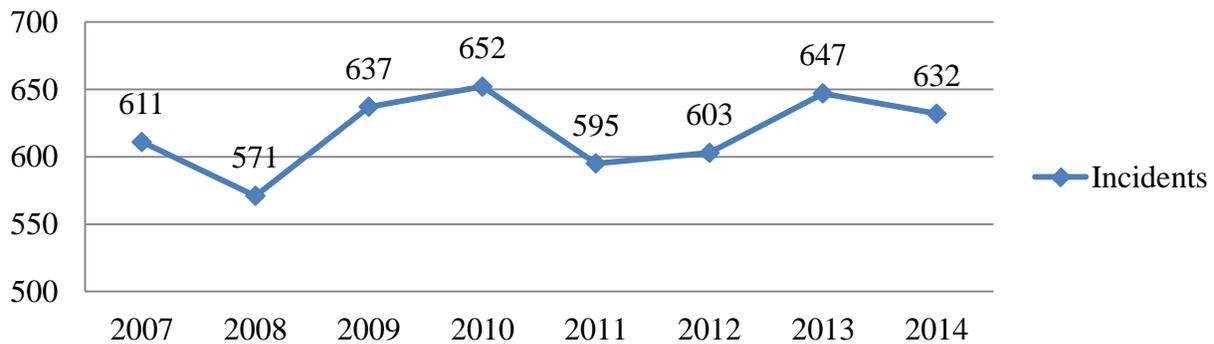
Structure fires	17	
Cooking fire	5	
Vehicle fire	3	
Grass / wild land fire	4	
Other	3	
<b>TOTAL - Fires</b>		<b>32</b>
Explosion (no fire)	1	
<b>TOTAL - Explosion</b>		<b>1</b>
Medical Assist	382	
Vehicle crash with injuries	9	
Vehicle / pedestrian crash with injuries	3	
Vehicle crash with extrication	3	
Water / Ice Rescue	1	
Other	1	
<b>TOTAL - EMS</b>		<b>399</b>
Natural gas leak	11	
Carbon Monoxide	3	
Power line down	8	
Arcing, shorted electrical equipment	5	
Vehicle crash without injuries	9	
Other	4	
<b>TOTAL - HAZARDOUS CONDITION</b>		<b>40</b>
Water evacuation, leak	3	
Animal rescue	1	
Public service	12	
Unauthorized burning	1	
Coverage, stand-by	11	
Other		
<b>TOTAL - SERVICE CALL</b>		<b>28</b>

Cancelled incident	81	
Smoke scare, odor of smoke	3	
Other	2	
<b>TOTAL - GOOD INTENT</b>		<b>86</b>
Smoke detector unintentional	8	
Smoke detector malfunction	6	
Unintentional transmission of alarm	9	
Carbon monoxide detector malfunction	10	
Other	10	
<b>TOTAL - ALARMS</b>		<b>43</b>
Lightning strike (no fire)	2	
Severe weather stand-by	1	
<b>TOTAL - SEVERE WEATHER</b>		<b>3</b>
<b>TOTAL - INCIDENTS</b>		<b>632</b>

### 2014 Incident Comparison



### Annual Incident Comparison



## Mutual Aid

### Green Oak Township    Lyon Township    Salem Township

Given	19	Given	14	Given	0
Received	3	Received	9	Received	2

Agencies that provided mutual aid for the Pullum fire.

- 👤 Brighton Area Fire Authority
- 👤 Consumers Energy
- 👤 Detroit Edison
- 👤 Green Oak Township Fire Department
- 👤 Hamburg Township Fire Department
- 👤 Lyon Township Fire Department
- 👤 Northfield Township Fire Department
- 👤 Novi Fire Department
- 👤 Oakland County Sheriff's Office
- 👤 Salem Township Fire Department
- 👤 Salvation Army Canteen Services
- 👤 South Lyon Department of Public Works
- 👤 South Lyon Police Department
- 👤 South Lyon Water Department
- 👤 Wixom Fire Department



In March, SLFD received assistance from Green Oak Twp and Lyon Twp FDs for a large grass fire between the cemetery and CSX right of way.

In January, SLFD received assistance from Green Oak Twp and Lyon Twp FDs for a structure fire at Sun Steel on North Mill Street. Fire damage was limited to an outside blasting booth.



## Human Resources

### Promotions

- Mike Weir promoted to Deputy Chief
- Cory Armstrong promoted to Lieutenant
- David Johnston, Brad Moynihan, and Chris Demeniuk promoted to Sergeant.
- Ryan Carlington, Chris Lynn, and Stephanie Shippe promoted to Aerial Platform Operator.
- Russell Achatz promoted to Engineer.

### New Hires

- |                  |                  |
|------------------|------------------|
| ○ Mike Olando    | ○ Tim Hefferan   |
| ○ Cindy Conrad   | ○ Tyler Knutson  |
| ○ Dean Mitchell  | ○ Matt Schornack |
| ○ Britany Tooman | ○ Leticia Blumer |
| ○ Jamie Allen    |                  |

### Separations

- |                   |                   |
|-------------------|-------------------|
| ○ Dan Hammon      | ○ Tyler Knutson   |
| ○ Rob Glenn       | ○ Matt Schornack  |
| ○ Josh Glenn      | ○ Leticia Blumer  |
| ○ Jon Gearn       | ○ Jamie Allen     |
| ○ Shawn Hitchcock | ○ Dexter Kernohan |
| ○ Daniel Stanisz  |                   |

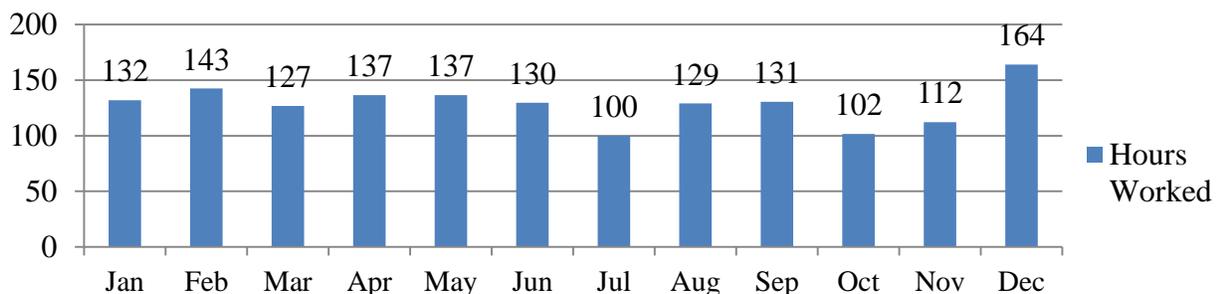
## Firefighter of the Year

(Right) Ryan Carlington (pictured on the right) was selected by the fire officers as the 2014 Firefighter of the Year. FF Carlington has served with SLFD since December 2011. Ryan is one of the top responders and frequently assists with community and public events. Company. Ryan is an aerial platform operator and has become an excellent firefighter during his tenure with us.



## Fire Chief Hours Worked

 Detailed summary available upon request. 1,541 hours worked.



## Day Shift Program

Staffing is at its lightest during weekdays when the majority of on-call personnel commute out of the City to their fulltime jobs. This phenomenon is shared nationally by paid-on-call fire departments. Additionally, the fire department has a regular need for personnel to be available during regular business hours to allow contractors access to perform vehicle and facility maintenance, answer citizen inquiries, accommodate public education requests, inspect hydrants, and conduct fire inspections. In order to address this predicament, two on-call personnel have been assigned to work on-duty day shifts Monday through Friday from 7:00 AM to 4:00 PM. As a cost savings measure, the Fire Chief normally fills the shift on Friday. Personnel are expected to perform work during this period, and a daily log is submitted to the Fire Chief. This shift program has ensured consistent and rapid response to weekday emergencies. Additionally, it has significantly improved apparatus, equipment, and facility maintenance.

## Hydrants

This was the third year that the fire department has had primary responsibility for municipal fire hydrant inspection and preventative maintenance. A significant amount of time was spent liaising with the representatives from the numerous private hydrant systems to ensure operational readiness of these private systems.

- 👤 412 - city hydrants inspected, flushed, and lubricated.
  - 31 referred to DPW for repair.
- 👤 101 - private hydrants inspected.
  - 7 repaired.



(left) SLFD staff interact with the community and explain fire equipment during Pumpkinfest.

## Community Relations and Fire Safety Education

- 👤 Participated in forty-four public education activities ranging from school presentations, station tours, varsity football stand-bys, and presence at community events.
- 👤 Functionally checked smoke alarms at 35 residences.
- 👤 Installed 29 new smoke alarms.
- 👤 Installed 26 new batteries.
- 👤 Replaced 10 carbon monoxide alarms on dispatched carbon monoxide incidents.

## Fire Prevention Bureau

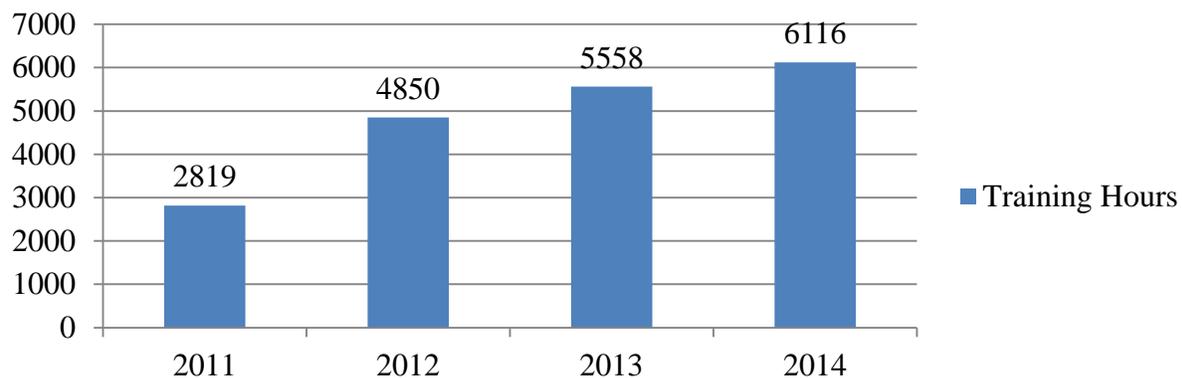
With local economic improvement, the fire prevention bureau witnessed a steep increase in activity. Lt. Jeff Noechel serves as the fire inspector and coordinates the daily functions of the Fire Prevention Bureau. He averages eight to ten hours per week, which includes field inspections, application reviews, and special projects.

### 2014 Accomplishments:

- 👤 2 major community events with occupancy load calculations.
- 👤 50 annual fire inspections of commercial occupancies.
- 👤 7 sets of architectural print reviews.
- 👤 3 sprinkler tests due to system modification.
- 👤 30 key box checks.
- 👤 5 change of occupancies for new businesses.
- 👤 2 business site relocations.
- 👤 16 hours of continuing education.

## Training

- 👤 Multiple live fire training sessions were conducted at the City of Wixom burn tower.
- 👤 In September, staff completed mandatory competencies for engineer and aerial platform operator.
- 👤 Numerous opportunities were provided for firefighters to attend advanced training courses such as large vehicle extrication, advanced extrication techniques, aerial platform operator, engineer, and officer development.
- 👤 Firefighters Esper, Bromley, and LaCroix completed the Livingston County Fire Fighter Training academy at the Brighton Area Fire Authority. This course is eight months and over 400 hours of training.
- 👤 Firefighters Mitchell, Conrad, and Orlando completed Emergency Medical Technician (EMT) training.
- 👤 Lieutenant Armstrong, Sergeant Johnston, and Sergeant Moynihan completed Fire Officer I & II.
- 👤 Deputy Chief Weir completed Fire Officer III.
- 👤 Chief Kennedy, Deputy Chief Weir, Lieutenants Armstrong and Shekell, and Sergeants Wilson, Johnston and Demeniuk completed the 24 hour Blue Card Command Incident Commander certification program.



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On Friday, August 8 at 2:00 PM, SLFD created a “water park” in the Whipple Street parking lot. The genesis for this came from city resident Kenyson Borkowski. Ms. Borkowski is part of a local non-profit group that is part of a larger effort called The Greatest International Scavenger Hunt the World Has Ever Seen. It is estimated that 100 adults and children attended. Due to the success of this event, we will look to do this again.

On Saturday, December 6, 2014, SLFD participated in the Cool Yule parade and provided transportation for Santa Claus.



In July, staff practiced technical rescue evolutions using rope systems and the aerial ladder.

