



SOUTH LYON FIRE DEPARTMENT 2013 ANNUAL REPORT



(Left) 2nd Alarm structure fire on Orchard Ridge Drive.

(Upper right) State Senator Mike Kowall present a proclamation signed by Governor Snyder marking SLFD's 120th anniversary.

(Lower right) Confined space training at the Waste Water Treatment Plant.

Message from the Chief

In 2013, 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 2013.

2013 significant accomplishments:

- All fire officers have completed 50 hours of online command training via a MMRMA grant.
- Hosted confined space rescue course.
- Celebrated 120 years of service to the City of South Lyon
- Set new specifications for firefighter turnout gear.
- Work with private hydrant system owners to ensure operational readiness.

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

Incidents

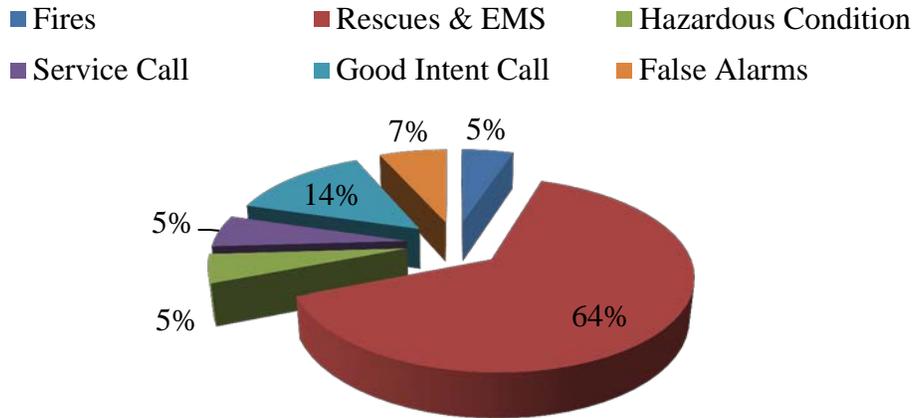
 Total average response time: 6 minutes 37 seconds

 Eleven (11) structure fires in the City of South Lyon

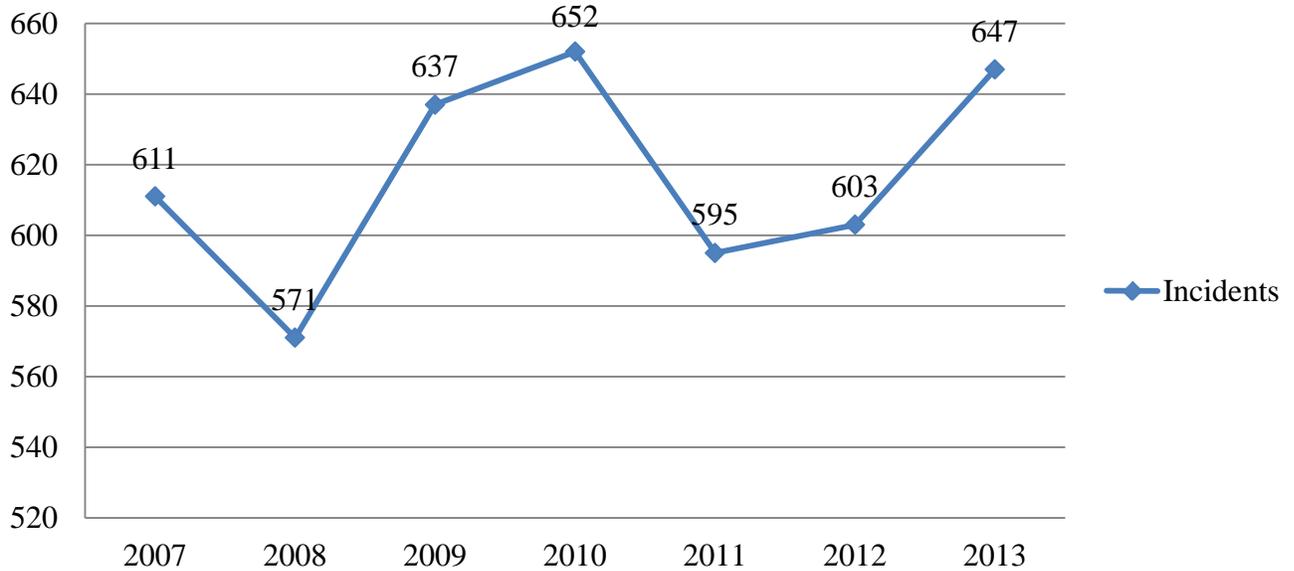
- o \$2,760,500 in pre-fire value
- o \$2,524,200 in property saved
- o \$236,300 in property lost

	Structure fires	21	
	Cooking fire	6	
	Other	6	
TOTAL - Fires			33
	Medical Assist	399	
	Vehicle crash with injuries	13	
	Other	2	
TOTAL - EMS			414
	Natural gas leak	6	
	Carbon Monoxide	2	
	Power line down	11	
	Vehicle crash without injuries	7	
	Other	6	
TOTAL - HAZARDOUS CONDITION			32
	Public assistance	6	
	Coverage, stand-by	20	
	Other	10	
TOTAL - SERVICE CALL			36
	Cancelled incident	78	
	Smoke scare, odor of smoke	5	
	Other	6	
TOTAL - GOOD INTENT			89
	Smoke detector unintentional	14	
	Smoke detector malfunction	7	
	Carbon monoxide detector malfunction	8	
	Other	14	
TOTAL - ALARMS			43
TOTAL - INCIDENTS			647

2013 Incident Comparison



Annual Incident Comparison



Mutual Aid Incidents

Green Oak Township

Given 26
Received 7

Lyon Township

Given 14
Received 7

Brighton Area

Given 1
Received 0

Salem Township

Given 1
Received 0

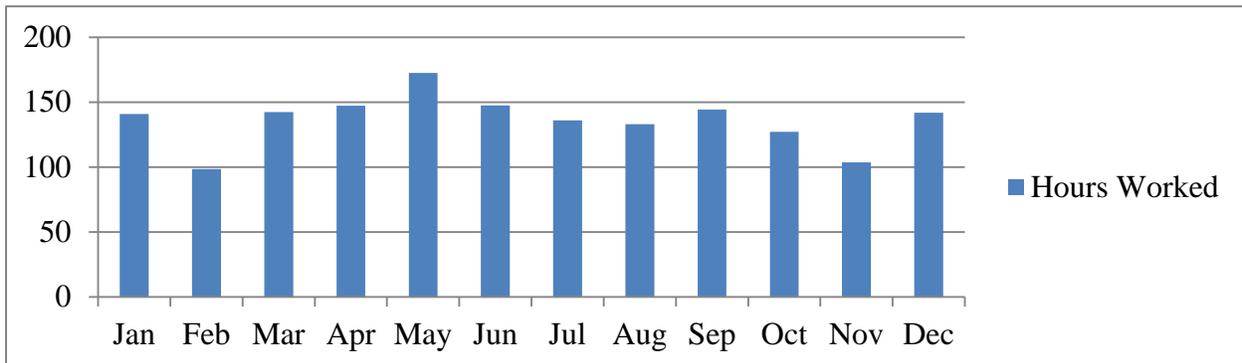
Human Resources

- Lieutenant Craig Johnston retired after serving 20 years with the South Lyon Fire Department and 37 total years in the fire service.
- Firefighter Paul Trala retired after 10 years.
- Promotions
 - Dan Hammon promoted to Assistant Chief
 - Mike Weir promoted to Captain
 - Jeff Noechel promoted to Lieutenant
 - Cory Armstrong promoted to Sergeant
- New Hires

○ Tim Esper	○ Dexter Kernohan
○ Eric Bromley	○ Rob Glenn
○ Dan Stanisz	○ Shawn Hitchcock
○ Lauren LaCroix	

Fire Chief Hours Worked

 Detailed summary available upon request. 1,635 hours worked.



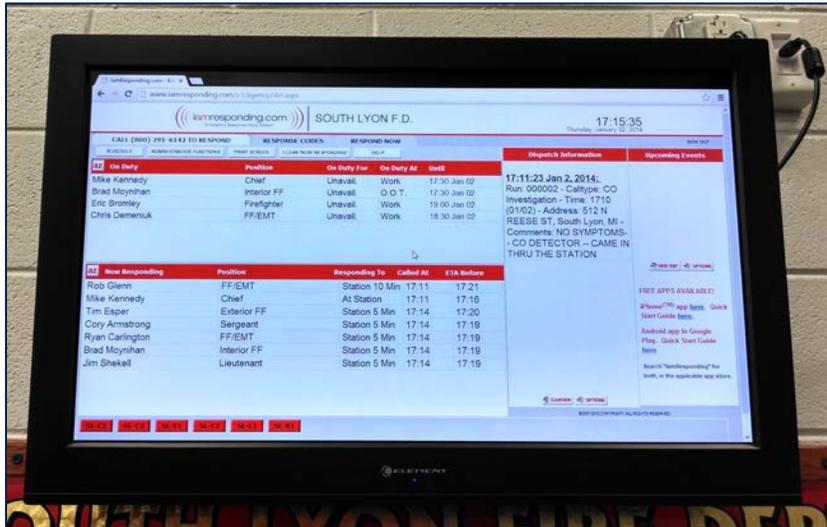
Day Shift Program

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, 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.

Technology

In July, SLFD started using a software called “I Am Responding.” This software ties directly into Novi Regional 911. It allows the dispatcher and fire officers to see how many staff are responding on an incident. Additionally, it provides a redundant notification pathway to our Minitors (radio pagers). This system has applications for Droid and iPhone, which allows staff with these devices to indicate they are responding, their response time to the fire station, and view a map of incident location. This system is also used for scheduling of all fire department events including training, day shift, and public education events.



(left) A monitor was installed in the fire station apparatus bay to allow staff to quickly view who is responding to an incident.

Fleet

A 2005 Crown Victoria, which previously served as a South Lyon Police Department cruiser, was sold and replaced with a 2013 Jeep Patriot. This vehicle is used by staff to attend trainings such as EMT and fire academy along with conducting fire inspections and other business activities.



Hydrants

This was the second year that the fire department has had primary responsibility for public fire hydrant inspection and 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. The fire department was also very engaged with the water improvement project. SLFD provided guidance on hydrant locations and worked with the contractor and South Lyon Water Department through various matters that arose throughout the project.



-  200 hydrant inspections
-  189 hydrant flushes

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 sixteen hours per week, which includes field inspections, application reviews, and special projects.

Chief Kennedy maintains the title and role of Fire Marshal and reviews any appeals from local businesses on fire code violations. Chief Kennedy and Lt Noechel collaborate on large or special projects to research and craft the fire department's position statement and requirements.

2013 Accomplishments:

- 👤 Two major community events with occupancy load calculations
- 👤 Two minor community events with occupancy load calculations
- 👤 Two sprinkler tests due to system modification
- 👤 Three business site relocations within the city limits
- 👤 Four tent applications
- 👤 Five major business renovations
- 👤 Twelve sets of architectural prints reviewed
- 👤 Thirteen new businesses opened within the city
- 👤 Seventy-seven key box checks
- 👤 Ninety-nine annual fire inspections
- 👤 Oakland 40 review and recommendation



(Left) Fire Prevention Bureau works with groups and businesses to calculate occupancy loads to ensure guest safety. Pictured is the main tent for Pumpkinfest, which presented a variety of challenges given the location and size.

The focus of an inspection is to identify and correct problems that may lead to a fire, delay notification of a fire, and to remove any obstacles that may impede or block egress from a building. Below are the top five (5) most cited fire code violations in the City of South Lyon:

1. Out-of-date annual maintenance / service on portable fire extinguishers.
2. Egress lighting / exits signs found non-functioning.
3. Combustible storage too close to furnace / hot water heater.
4. Unsecured compressed gas cylinders.
5. Electrical / service panels found blocked.

Community Relations and Fire Safety Education

- 👤 Participated in thirty-eight public education activities ranging from school presentations, station tours, varsity football stand-bys, and presence at community events.
 - Seven second grade class presentations at Barlett and Sayre Elementary Schools
 - Three fire service career presentations at South Lyon High School
 - Two fire truck rides for fire safety coloring contest winners
 - Nineteen citizens certified in CPR
- 👤 Installed fifty nine smoke detectors.
- 👤 2013 marked the 120th Anniversary of the South Lyon Fire Department. To mark this event, SLFD had a large contingency at Depot Day. This was done in lieu of the fire department's normal open house. Due to the success of this event, SLFD plans to no longer have an open house, but instead have a large presence at Depot Day.



(Left) South Lyon firefighters teach CPR and first aid courses to residents.



(Right) Firefighters show citizens fire apparatus during the 2013 Depot Day.



(Left) During Depot Day, firefighters use the smoke house to teach children how to escape during a fire by checking doors prior to opening them.

Training

- 👤 In 2013, staff completed 5,558 hours of training. This is compared to 4,850 hours in 2012 and 2,819 in 2011. This increase is due to having multiple recruit firefighters enrolled in the fire academy and EMS courses, all fire officers completing the Blue Card Command online training, and additional training opportunities for all firefighters.
- 👤 Live fire training sessions were conducted at the Hamburg Township Fire Department burn tower and City of Wixom burn towers.
- 👤 Trial runs of an annual competency process for all staff were conducted. This competency will become mandatory in 2014.
- 👤 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 Achatz, Esper, Bromley, LaCroix, and Interim Sergeant Moynihan all completed an Emergency Medical Technician (EMT) course through Huron Valley Ambulance.
- 👤 Firefighter Achatz completed the Livingston County Fire Fighter Training academy at the Brighton Area Fire Department, which included over 250 hours of training.



(Left) Firefighters participate in live fire training evolutions at the Wixom burn tower. There is no substitute for live fire training evolutions. These training sessions teach firefighters air management, hose line advancement, accountability, communications, fire suppression, and team work.

(Right) Four SLFD firefighters completed a State of Michigan Pump Operator course hosted by Brighton Area FD in the spring.





(Left) Chief Kennedy (far left) stands with Captain Weir, Sgt Armstrong, Firefighter Achatz, Lt Shekell, and Lt Noechel following FF Achatz's completion of Firefighter I & II and graduation from the Livingston County Fire Fighter Training Academy.

(Below) Firefighters donated their time to ring the bell to raise money for the Salvation Army at Busch's and ACO Hardware.

(Below) SLFD poses for a picture at the Witch's Hat to celebrate 120 years of service.



(Below) In 2013, SLFD conducted six joint training sessions with the Lyon Township Fire Department. Two of these exercises involved fire ground evolutions, while the remaining four trainings focused on emergency medical care.





(Left) Firefighters conducted door to door smoke detector checks in target areas. This program has already had a return on investment, for there was one cooking fire in a residence where SLFD had installed new smoke detectors.

(Right) Firefighters participated in a chili cook off at Liberty Chevrolet to raise money for the Great Lakes Burn Camp. SLFD won at competition and split the \$1,500.00 prize with the Lyon Township Fire Department.



Firefighter of the Year

(Right) Chris Demeniuk (pictured on the left) was selected by the fire officers as the 2013 Firefighter of the Year. FF Demeniuk has served with SLFD since July 2011. Chris is an engineer with Ford Motor Company and has taught several courses on vehicle extrication and alternative fuel vehicles. Chris is also very active with our community outreach and public fire education programs.

