



# SOUTH LYON FIRE DEPARTMENT 2021 ANNUAL REPORT

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*Ladder 7-1 on September 11, 2021*

## MESSAGE FROM THE INTERIM FIRE CHIEF

It is my pleasure to present our Department Annual Report for the 2021 calendar year. With the ongoing support from city administration and the citizens that live and visit the City of South Lyon, we have been able to continue to provide excellent fire and EMS services in line with our mission statement.

Throughout 2021 the men and women of the South Lyon Fire Department responded to a record high 1058 incidents. This is a 20% increase from 2020. During the 2021 calendar year, we continued to face challenges associated with the COVID-19 pandemic. These challenges included incident mitigation while keeping staff protected against COVID-19 exposure and maintaining a healthy, capable, and ready to respond roster. Despite facing enormous challenges, and cases of COVID-19 among our own staff, we continued to provide uninterrupted fire and EMS service with an entirely paid-on-call staffing model. Without the dedication of the employees in this department along with the sacrifices felt by their families, we would not be able to continue to serve the citizens of our community. I am proud to work alongside each of them as they continue to selflessly give their time and energy to serve as a South Lyon Firefighter. Each member operates with a “service above self” mentality, and this mentality is a staple of this department’s success.

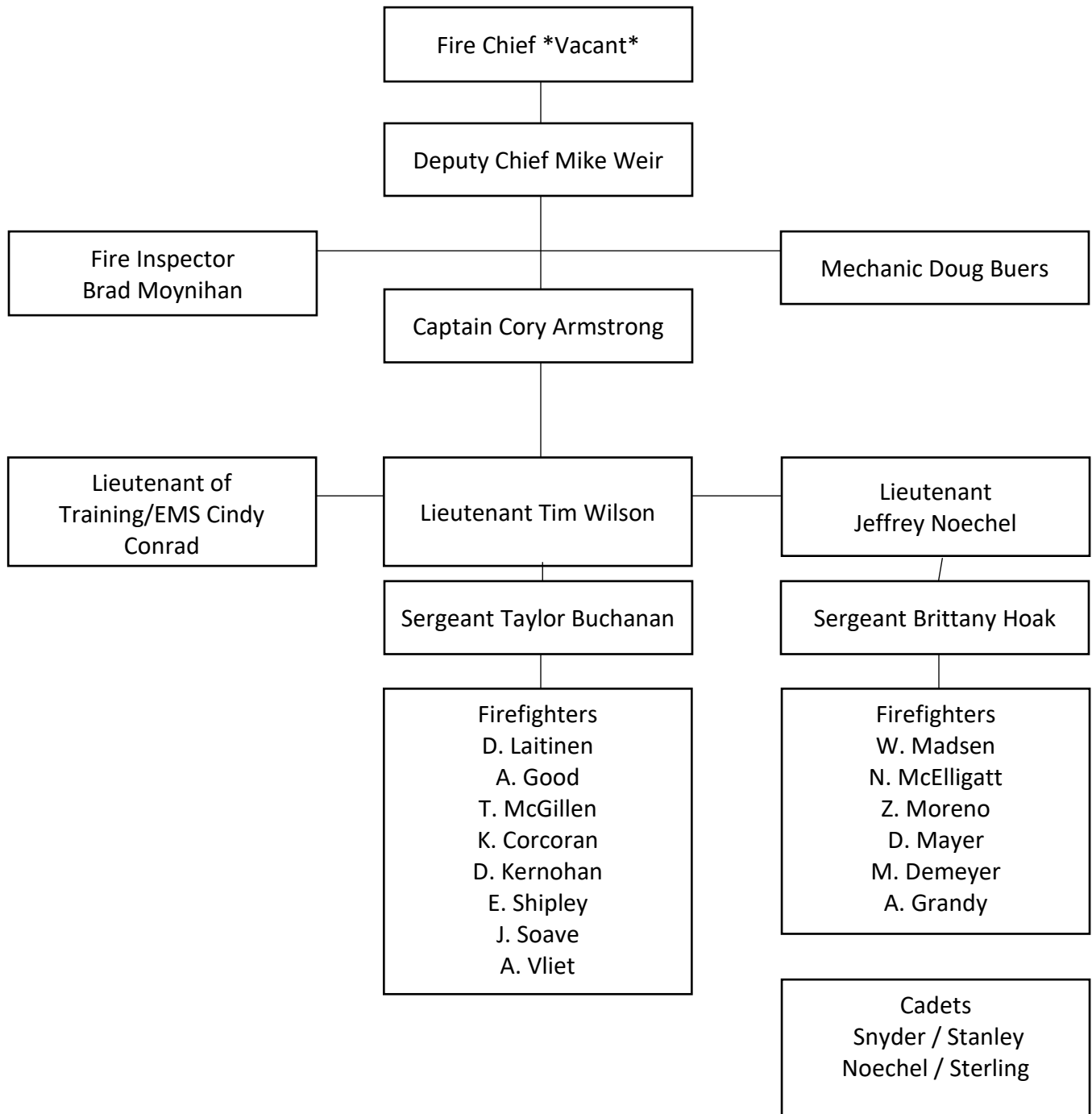
Despite the continued struggles with the ongoing pandemic, we were able to make enhancements to our organization, operation, and administration along with making progress on capital purchases and proactively planning for the future needs of the department.

The previous Fire Chief, Robert Vogel, resigned effective October 1, 2021. I have been filling his role until a replacement is hired. It is an honor to serve in this capacity and I look forward to working alongside the next Fire Chief to lead this department towards future progress.

Respectfully Submitted  
Michael Weir –Interim Fire Chief



**ORGANIZATION**



## YEARS OF SERVICE

### **FIREFIGHTERS**

DEPUTY CHIEF WEIR	18
CAPTAIN ARMSTRONG	17
LIEUTENANT WILSON	20
INSPECTOR MOYNIHAN	14
LIEUTENANT CONRAD	7
LIEUTENANT NOECHEL	17
SERGEANT HOAK	7
SERGEANT BUCHANAN	2
FIREFIGHTER LAITINEN	6
FIREFIGHTER GOOD	5
FIREFIGHTER MCGILLEN	23
FIREFIGHTER MADSEN	4
FIREFIGHTER MORENO	4
FIREFIGHTER VLIET	3
FIREFIGHTER KERNOHAN	3
FIREFIGHTER MCELLIGATT	2
FIREFIGHTER MAYER	2
FIREFIGHTER CORCORAN	2
FIREFIGHTER SHIPLEY	2
FIREFIGHTER DEMEYER	1
FIREFIGHTER SOAVE	0
FIREFIGHTER GRANDY	0

### **CADETS**

CADET STANLEY	0
CADET SNYDER	0
CADET NOECHEL	0
CADET STERLING	0

## DEPARTMENT FLEET

The Department's vehicle fleet includes many differing vehicles to help protect the City of South Lyon from a variety of incidents and emergencies. Currently, SLFD's fleet consists of one (1) aerial ladder truck, two (2) fire engines, one (1) rescue vehicle, and two (2) administrative vehicles.



*Engine 7-1 - 2016 Pierce Sabre*



*Engine 7-2 – 2008 KME Predator*



*Ladder 7-1 – 2000 KME Aerial*



*Rescue 7-1 – 2010 Ford 350*



*Utility 7-1 – 2021 Ford F150*



*Command vehicle 2019 Ford Interceptor*

## 2021 SIGNIFICANT ACOMPLISHMENTS:

- 1058 calls for service. 60 COVID patients
- 6 minutes 15 seconds - average response time
- 56 smoke detectors installed
- 4 CO alarms installed
- Received 200 smoke detectors from Michigan SAFE Grant for distribution
- Firefighters completed 3135.75 hours of training
- Placed order for Ladder 7-1 replacement aerial truck
- Participated in 43 public education and community engagement events
- Rescue 7-1 received a new box which improves its operational functionality



*Left: Captain Armstrong Middle: Deputy Chief Mike Weir Right: Mark Brown (CSI)*

## EMERGENCY RESPONSE

Structure fires	16	
Cooking fires	0	
Vehicle fires	4	
Grass / wild land fires	5	
Refuse	1	
Other	1	
<b>TOTAL - FIRE</b>		<b>27</b>
Medical Assist	640	
Vehicle crash with injuries	12	
Vehicle crash no injuries	1	
High angle rescue	1	
<b>TOTAL - EMS</b>		<b>654</b>
Natural gas leak	9	
Carbon Monoxide	2	
Power line down	15	
Arcing, shorted electrical equipment	1	
Gasoline or other flammable liquid spill	3	
Electrical wiring/equipment problem	2	
Overheated motor	1	
Structure weakened or collapsed	1	
Vehicle accident, General cleanup	3	
Other	11	
<b>TOTAL - HAZARDOUS CONDITION</b>		<b>48</b>
Coverage, stand-by, move-up	20	
Person in distress	4	
Water problem	3	
Smoke or odor removal	7	
Animal rescue	2	
Public service assistance, other	17	
Assist police	11	
Police matter	2	
Assist invalid	33	
Unauthorized burning	2	
Other	4	
<b>TOTAL - SERVICE CALL</b>		<b>105</b>



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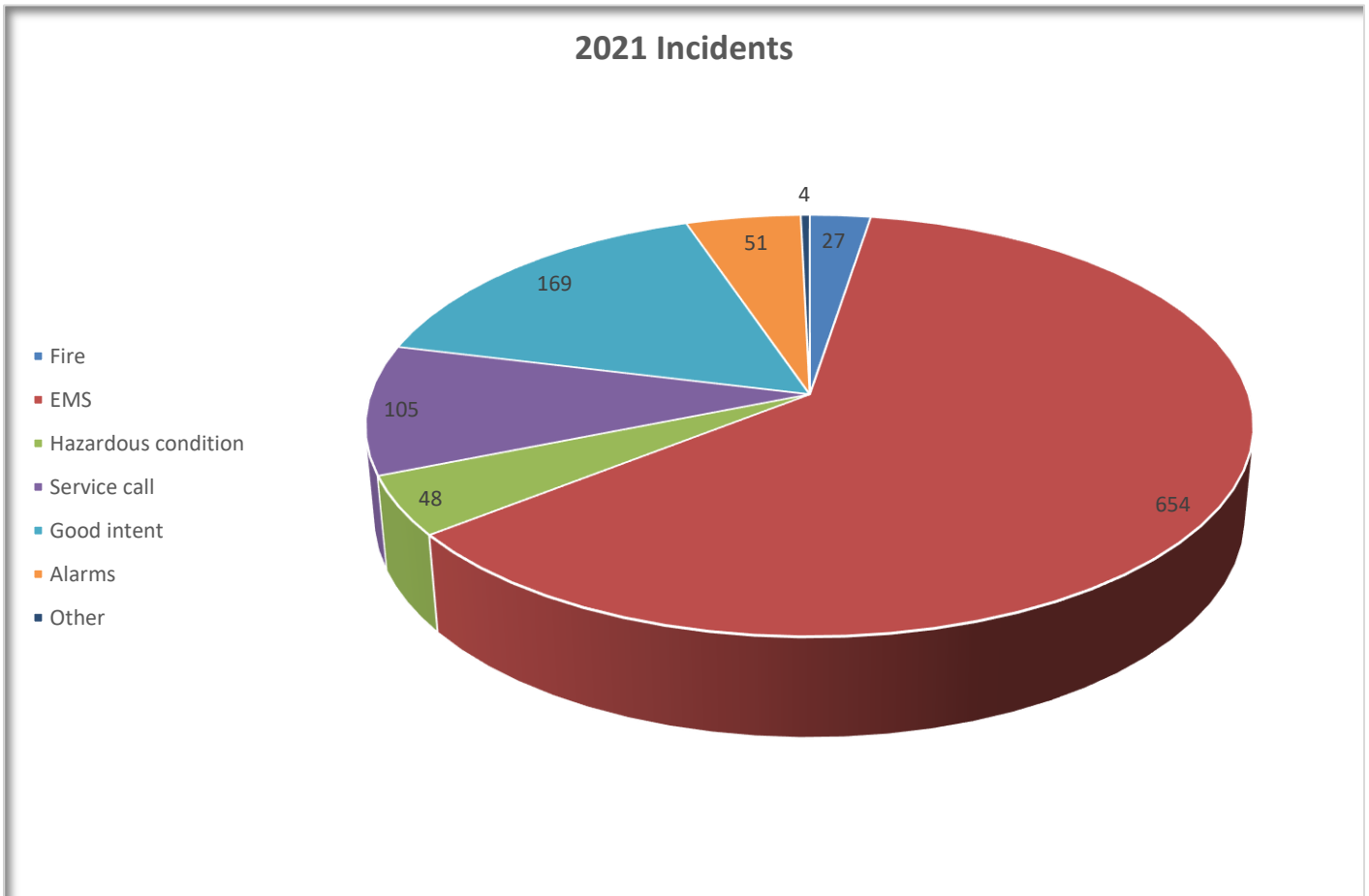
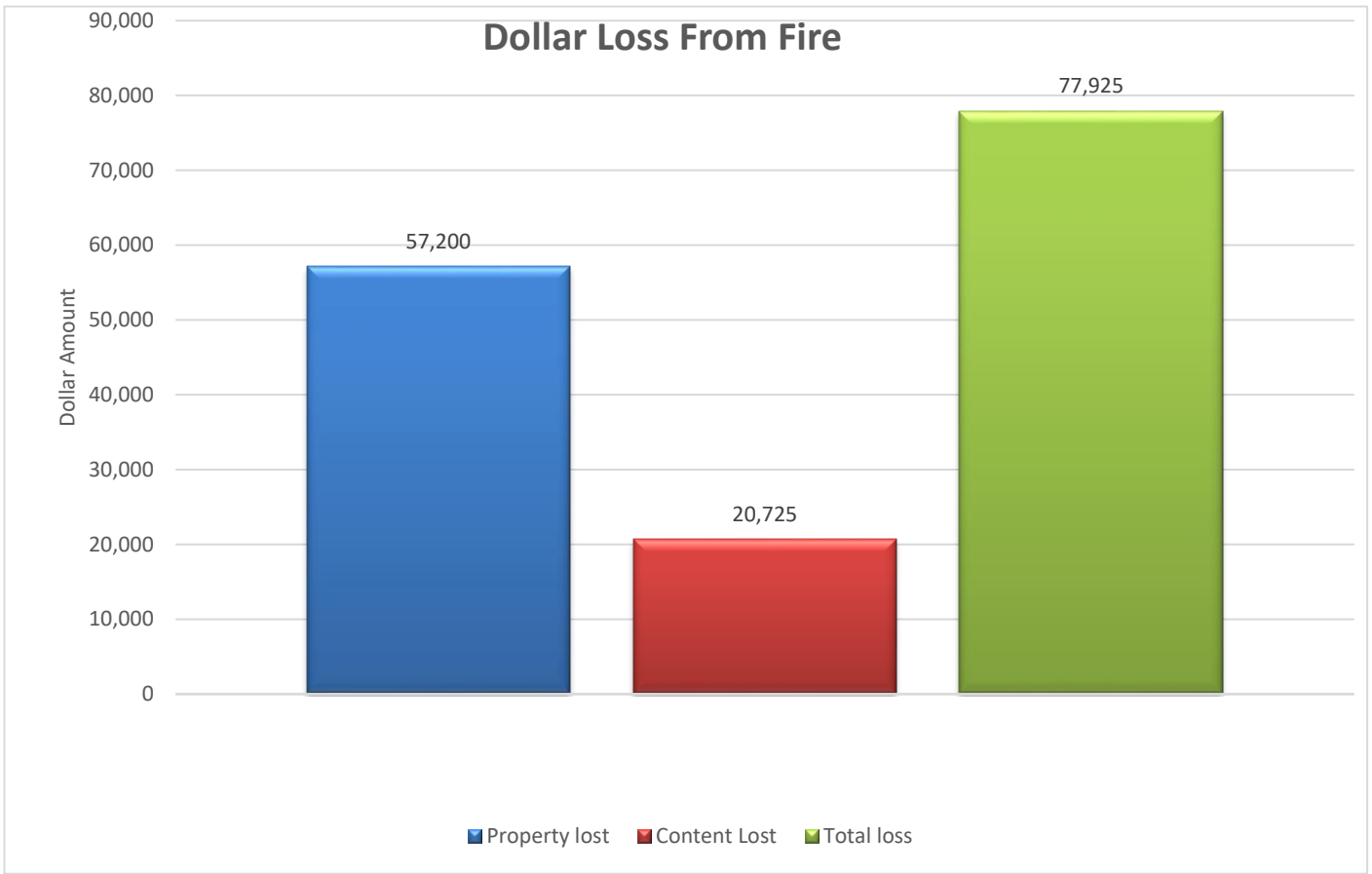
Good intent call, other	18	
Dispatched and cancelled en-route	21	
EMS:dispatched and cancelled enroute	123	
No incident found on arrival	3	
Smoke scare, odor of smoke	3	
Other	1	
<b>TOTAL - GOOD INTENT</b>		<b>169</b>
Smoke detector malfunction	3	
System malfunction	4	
False alarm or false call	5	
Unintentional transmission of alarm	4	
Alarm system sounded, no fire	20	
Carbon monoxide detector malfunction	15	
<b>TOTAL - AUTOMATIC ALARMS</b>		<b>5</b>
Dispatch error	3	
Confined space rescue	1	
<b>TOTAL - OTHER</b>		<b>4</b>
<b>TOTAL INCIDENTS</b>		<b>1058</b>



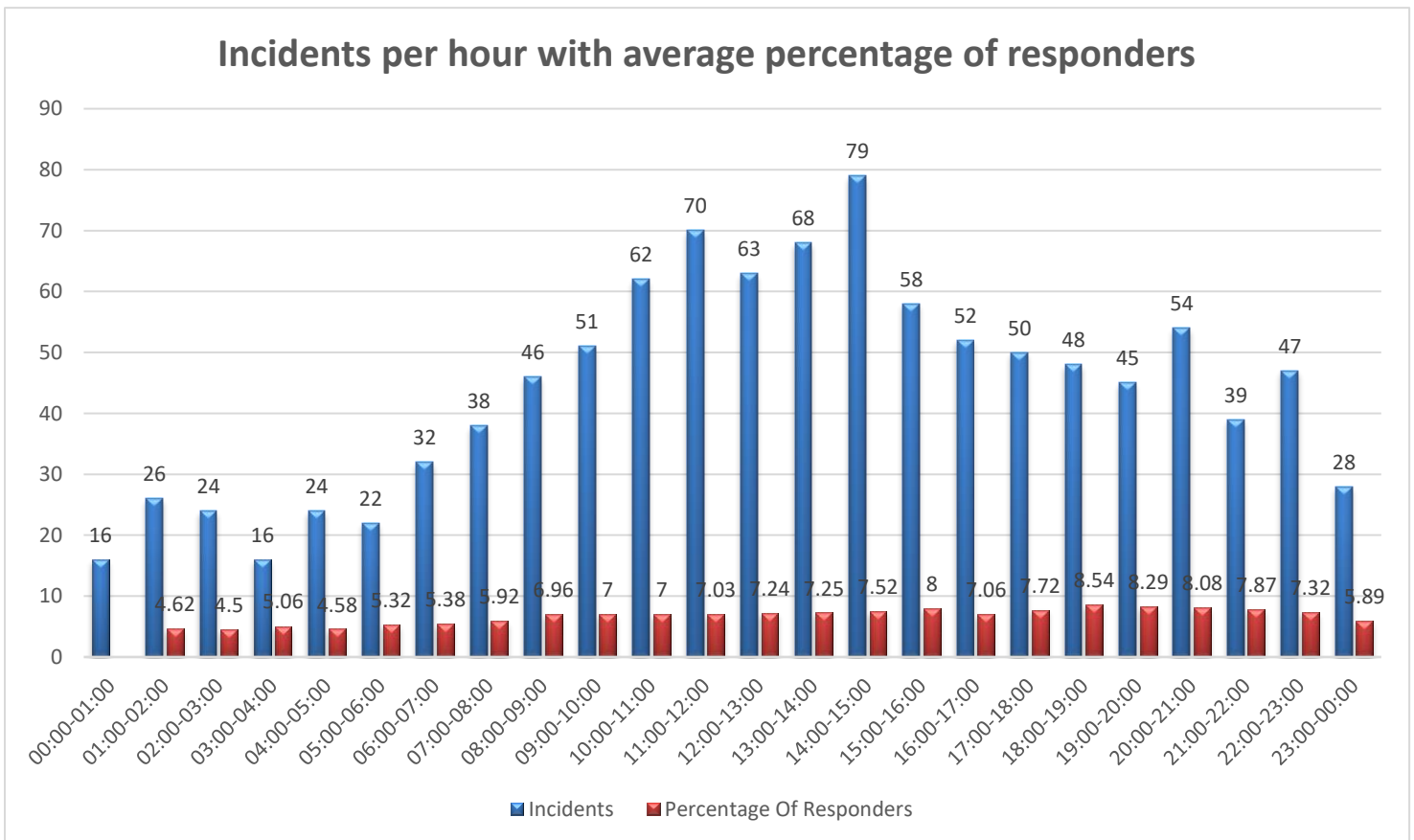
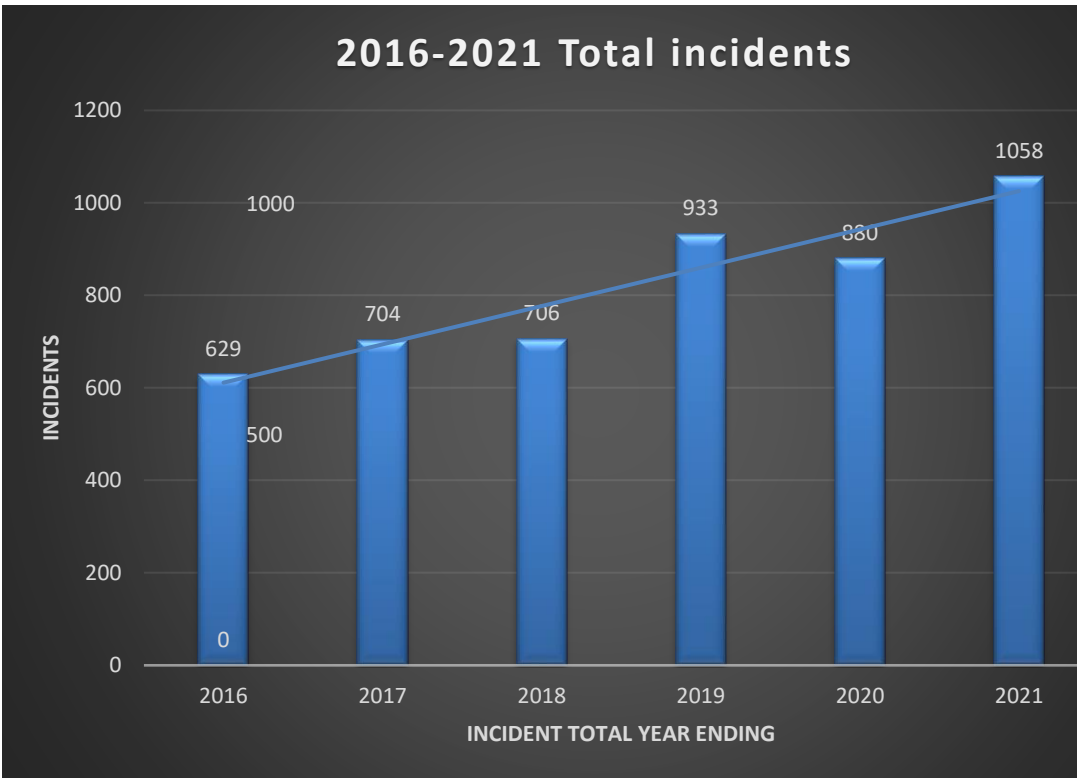
*Rollover motor vehicle crash 11 mile & Shetland Dr.*



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## HUMAN RESOURCES

### Promotions/Training

- Jeff Noechel was promoted to Lieutenant
- Cindy Conrad was promoted to Lieutenant/Training officer
- Taylor Buchanan was promoted to Sergeant
- Jon Soave was promoted to Engineer
- Austin Vliet was promoted to APO

### New hires

- Firefighter Alexander Grandy (Untrained)
- Firefighter Austin Vliet (Trained)
- Firefighter Jon Soave (Trained)
- Cadet Vivienne Snyder (Untrained)
- Cadet Charlese Stanley (Untrained)
- Cadet Zoe Noechel (Untrained)
- Cadet Luke Sterling (Untrained)

### Separations

- Firefighter Baylee Lanning
- Firefighter Dalton Cherry
- Firefighter Danny Freeman
- Firefighter Samuel Anderson
- Firefighter Nicholas Kaczor
- Firefighter Arnold D'Ambrosio
- Cadet David Vess
- Cadet Brooke Schuldt



*Mutual aid structure fire Salem Twp.*

## TRAINING

In 2021 firefighters completed 3135.75 hours of training. These hours included formalized certification and licensing courses like the fire academy and Emergency Medical Technician as well as informal weekly in-house trainings that focus on continuing education and specialized skill development. We focus on honing employee firefighting skills and aim to improve the lesser encountered activities such as vehicle extrication as well as continuing education credits as required to maintain their State of Michigan EMS licenses. Additionally, each new employee completes a rigorous On-The-Job Training (OJT) program which acclimates the employee with city and departmental policies but delves into firefighting and emergency medical services as provided by this department. We have found that this OJT program sets our new hires up for improved success in the formal training each must complete. SLFD also utilizes an online training resource "Fire Rescue 1". This platform allows staff to meet specific training needs through a computer based and online platform which helps to remove some of the burden from an already demanding profession as well as standardizing the training that each member receives.

### 2021 training statistics

- 3135.75 hours completed
- 3 firefighters completed the Brighton EMT course in December
- 1 firefighter obtained Engineer certification through Farmington Hills
- 3 firefighters completed their Aerial Platform Operator (APO) certification
- 1 firefighter completed the WAMAA fire academy
- 4 cadets currently completing OJT
- Train the Trainer course completed for SCBA
- 4 fire officers completed Fire Instructor 1 certification
- 1 fire officer completed a 2 day Rescue Task Force (RTF) training in Battle Creek, MI
- Training containers had work completed to prepare them for training activities in 2022
- New CPR Mannequins purchased and placed into service. This was a requirement to comply with the American Heart Association.



## PICTURES FROM TRAINING



*CPR TRAINING*

*RIGHT AND BELOW: VEHICLE EXTRICATION  
Bottom Right: Ice rescue*



## GRANTS/DONATIONS

### **Firefighter Turnout Gear Grant**

SLFD was awarded a grant for the purchase of 10 sets of firefighter turnout gear in the amount of approximately \$43,000 from a multi-jurisdictional grant with WAMAA (Washtenaw Area Mutual Aid Association) of which SLFD is a member.

### **AFG Extrication Grant**

SLFD took delivery of new vehicle extrication equipment on April 20<sup>th</sup> in the amount of \$23,042.73. This grant was secured through our membership with WAMAA.

### **Lowe's**

Captain Armstrong secured a \$1000 donation of building materials to be used inside the training building located at the Waste Water Treatment Plant.

### **Training Facility / Burn Building**

Work continued on the training facility received through grant monies awarded in 2020. The building had windows and doors added along with the two separate containers being welded together to create a single structure.

### **SCBA**

SLFD was awarded a grant for the purchase of SCBA in a multi-jurisdictional grant application with area departments. Commerce Fire Department was the lead organization. SLFD was awarded \$182,000 with a 10% match for the purchase of the MSA G1 SCBA (Self-Contained Breathing Apparatus).

### **Firehouse Subs Grant**

SLFD was awarded a grant for the purchase of 8 new sets of firefighter turnout gear. The total value awarded was \$23,703.68.

### **Food Donations**

SLFD received numerous donations throughout the year from citizens and business in the South Lyon area. Firefighters are forever grateful for the many donations of food and treats.



## FIREFIGHTER OF THE YEAR

Firefighter Tim McGillen was selected as the 2021 Firefighter of the Year. Tim has served with the South Lyon Fire Department since January of 1998. Previously working as a paid-on-call firefighter in Utica, Tim is a wealth of knowledge and history when it comes to SLFD and has worked under 3 different chiefs in his time here. Tim holds the position of Aerial Platform Operator (APO) and can often be found telling jokes in the apparatus bay. Tim was selected for this recognition because of his reliability, run percentage, fantastic attitude, and love for the job. Tim frequently covers public education and community engagement events, promotes SLFD and fire safety to the public. Tim has recently volunteered to work with the new SCBA in-service and instruction.



Firefighter Tim McGillen



Left: Captain Armstrong  
Middle: Firefighter McGillen  
Right: Deputy Chief Weir

## SLFD IN THE COMMUNITY

In 2021 SLFD Firefighters participated in 43 public education and community engagement events. Firefighters were able to give fire safety presentations to the 2<sup>nd</sup> grade classes at both Sayre and Bartlett elementary schools. Firefighters not only provide fire safety presentations to at-risk populations but make an extra effort to meet and greet with the community. We can often be found with a fire truck on display at events like Pumpkinfest, the Lake Street Cruise-in, and Downtown Trick or Treat. Additionally, firefighters provide medical standby at the Varsity Football games. As always, SLFD remains available to conduct station tours and explain how our operations align with the emergency fire and EMS needs of the city. Lastly, SLFD participated in numerous parades within the city.



## FIRE PREVENTION

The South Lyon Fire Department Fire Prevention Bureau is staffed by 1 part time Fire Inspector with the Fire Chief holding the position of Fire Marshal. Inspector Moynihan conducts annual fire prevention and safety inspections on all commercial buildings within the city. Additionally, as requested by a city resident, Inspector Moynihan will conduct a fire safety check of private residences. In 2021 SLFD had no structural fires in commercial occupancies. This is attributed to Inspector Moynihan's proactive approach to partnering with businesses located within the city to maintain and improve fire safety. Our goal for each inspection is for voluntary compliance and to create a partnership as opposed to relying on punitive enforcement for the safety of the public. The fire prevention bureau issued no citations to businesses in 2021. This is a testament to the relationship that has been cultivated with our businesses.

### 2021 Fire Prevention Statistics

	<b>Annual</b>	<b>Re-Inspections</b>
• Business inspections:	224	92
• Mercantile inspections:	35	23
• Light industrial inspections:	11	6
• Assembly inspections:	29	17
Total:	299	138
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• Tent application inspections:	5	
• Complaint investigations:	18	
• Final construction inspections:	7	
• Plan Reviews:	44	
• Site visits:	34	
• FOIA Requests:	9	
• Meetings attended:	88	



PICTURES FROM 2021



*MUTUAL AID RESCUE CHILD FROM TREE*



*Mutual aid commercial structure fire*



*Smoke detector donation from South Lyon Civitan Club*

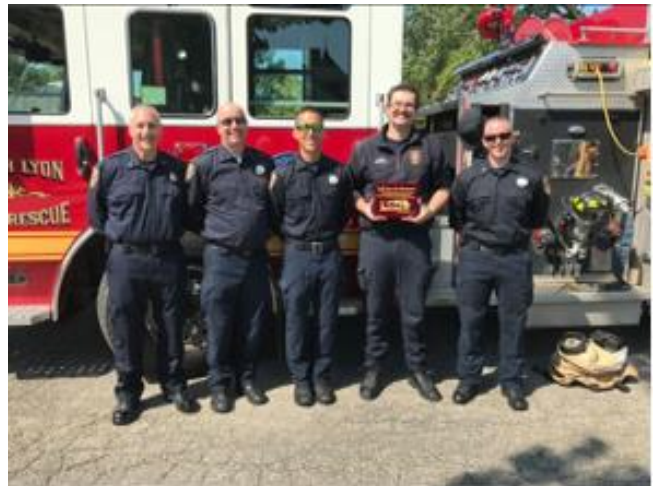


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*Fund raising challenge coin  
(Back) Right: (Front)*

*SLFD being recognized  
at Depot Days (Right)*



*Tree vs. Home*



*Mutual aid structure fire Lyon Twp.*

